

Monthly Index *of* Russian Accessions



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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.*

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540.

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9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

CARNEGIE LIBRARY OF PITTSBURGH

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.	CaOTR	Royal Canadian Institute, Toronto, Canada.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.	CaOTRM	Royal Ontario Museum, Zoology and Paleontology Library, Toronto, Canada
AU	University of Alabama, University	CaOTU	University of Toronto, Toronto, Canada
AzTeS	Arizona State College, Tempe	CaOWA	Assumption University Library, Windsor, Canada
AzU	University of Arizona, Tucson	CaQMAI	Arctic Institute of North America, Montreal, Canada
C	California State Library, Sacramento	CaQMBM	Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal, Canada
CBPac	Pacific School of Religion, Berkeley	CaQMM	McGill University, Montreal, Canada
CCC	Honnold Library, Claremont, Calif.	CaQMU	La Bibliothèque de l'Université de Montréal, Montreal, Canada
CFS	Fresno State College, Fresno, Calif.	CaSSU	University of Saskatchewan, Saskatoon, Canada
CL	Los Angeles Public Library	CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CLCM	Los Angeles County Museum Library, Los Angeles	CoD	Denver Public Library
CLL	Los Angeles County Law Library, Los Angeles	CoDM	Medical Society of the City and County of Denver
CLM	Los Angeles County Medical Association, Los Angeles	CoFS	Colorado State University, Fort Collins
CLSU	University of Southern California, Los Angeles	CoU	University of Colorado, Boulder
CLSU-H	— Hancock Library of Biology	CtHT	Trinity College, Hartford, Conn.
CLU	University of California at Los Angeles	CtU	University of Connecticut, Storrs
CMthL	University of California, Lick Observatory, Mount Hamilton	CtW	Wesleyan University, Middletown, Conn.
CPT	California Institute of Technology, Pasadena	CtY	Yale University, New Haven
CSf	San Francisco Public Library	CtY-L	— Law Library
CSfA	California Academy of Sciences, San Francisco	CtY-M	— Medical School Library
CSfU	University of San Francisco, San Francisco	DAIA	American Institute of Architects Library, Washington, D. C.
CSmH	Henry E. Huntington Library, San Marino, Calif.	DAL	U. S. Army Library, Pentagon Building
CSt	Stanford University Libraries, Stanford, Calif.	DBC	U. S. Bureau of the Census Library
CSt-H	— The Hoover Institution on War, Revolution, and Peace	DBS	U. S. National Bureau of Standards Library
CSt-L	— Lane Medical Library	DC	U. S. Department of Commerce Library
CStbS	University of California, Santa Barbara Library, Goleta	DCU	Catholic University of America Library, Washington, D. C.
CStmoR	Rand Corporation, Santa Monica, Calif.	DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
CU	University of California, Berkeley	DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
CU-A	— University of California, Davis	DFR	Board of Governors of the Federal Reserve System
CU-B	— Bancroft Library, Berkeley	DGC	Gallaudet College Library, Washington, D. C.
CU-E	— East Asiatic Library, Berkeley	DHEW	U. S. Department of Health, Education, and Welfare Library
CU-L	— Law Library, Berkeley	DHFF	U. S. Housing and Home Finance Agency Library
CU-M	— Medical Center, San Francisco	DI	U. S. Department of the Interior Library
CU-Riv	— College of Arts, Letters and Science, Riverside	DI-GS	— Geological Survey Library
CU-S	— Scripps Institution of Oceanography, La Jolla	DM	U. S. Bureau of Mines Library. (Library integrated with DI)
CaAEU	University of Alberta, Edmonton, Canada	DN	U. S. Department of the Navy Library.
CaBVA	Vancouver Public Library, Vancouver, Canada	DN-HO	— Naval Oceanographic Office Library
CaBVAU	University of British Columbia, Vancouver, Canada	DN-Ob	— Naval Observatory Library
CaBViPA	Provincial Archives, Victoria, Canada	DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada	DNAL	National Agricultural Library
CaNBFU	University of New Brunswick, Fredericton, Canada	DNH	National Institutes of Health Library, Bethesda, Md.
CaOKQ	Queen's University, Kingston, Canada	DNLM	U. S. National Library of Medicine
CaOL	London Public Library, London, Canada	DNW	U. S. National War College Library, Fort McNair
CaOLU	University of Western Ontario, London, Canada	DP	U. S. Patent Office Library
CaOOA	Public Archives Library, Ottawa, Canada	DS	U. S. Department of State Library
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada	DSB	Scottish Rite Supreme Council Library, Washington, D. C.
CaOCCC	Carleton College, Ottawa, Canada	DSI	Smithsonian Institution Library, Washington, D. C.
CaOOF	Department of Finance Library, Ottawa, Canada	DSI-AO	— Astrophysical Laboratory Library
CaOOG	Geological Survey of Canada, Ottawa, Canada	DSI-E	— Bureau of American Ethnology Library
CaOOGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada	DSI-M	— National Museum Library
CaOOH	Laboratory of Hygiene, Ottawa, Canada	DWB	U. S. Weather Bureau Library
CaOOM	Bureau of Mines Library, Ottawa, Canada	DeU	University of Delaware, Newark
CaOON	National Research Council, Ottawa, Canada	FMU	University of Miami, Coral Gables, Fla.
CaOONDR	Library, Directorate of Scientific Information Service, Defence Research Board, Ottawa, Canada	FTaSU	Florida State University, Tallahassee
CaOONM	National Museum, Ottawa, Canada	FU	University of Florida, Gainesville
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada		
CaOOU	University of Ottawa, Ottawa, Canada		
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada		

GAT Georgia Institute of Technology, Atlanta
 GEU Emory University, Atlanta
 GU University of Georgia, Athens
 HU University of Hawaii, Honolulu
 HU-EWC Center for Cultural and Technical Interchange
 between East and West
 I Illinois State Library, Springfield
 IArg Argonne National Laboratory, Argonne, Ill.
 IC Chicago Public Library
 ICA Art Institute of Chicago, Chicago
 ICAC American College of Surgeons Library,
 Chicago
 ICF Chicago Natural History Museum, Chicago
 ICJ John Crerar Library, Chicago
 ICN Newberry Library, Chicago
 ICRL Center for Research Library, Chicago. Mid-
 west Interlibrary Center
 ICU University of Chicago, Chicago
 ICU-Y Yerkes Observatory, Williams Bay, Wis.
 ICarBS Southern Illinois University, Carbondale
 IEN Northwestern University, Evanston, Ill.
 IEN-C — Joseph Schaffner Library of Commerce,
 Chicago
 IEN-M — Medical School Library, Chicago
 IHI Illinois State Historical Library, Springfield
 IU University of Illinois, Urbana
 IU-M — Medical Sciences Library, Chicago
 IaAS Iowa State University of Science and Tech-
 nology, Ames
 IaU State University of Iowa, Iowa City
 IaU-L — College of Law Library
 IdNTS National Reactor Testing Station, Technical
 Library, Phillips Petroleum Company, Idaho
 Falls, Idaho
 IdU University of Idaho, Moscow
 In Indiana State Library, Indianapolis
 InIA Indiana Academy of Science Library, Indian-
 apolis
 InLP Purdue University, Lafayette, Ind.
 InND University of Notre Dame, Notre Dame, Ind.
 IU Indiana University, Bloomington
 KAS St. Benedict's College, Atchison, Kan.
 KMK Kansas State University, Manhattan
 KU University of Kansas, Lawrence
 KU-L — School of Law Library
 KU-M — Medical Center Library, Kansas City
 KyU University of Kentucky, Lexington
 LNHT Howard-Tilton Memorial Library of Tulane
 University, New Orleans, La.
 LU Louisiana State University, Baton Rouge
 MA Amherst College, Amherst, Mass.
 MB Boston Public Library
 MBA American Academy of the Arts and Sciences,
 Boston
 MBat Boston Athenaeum, Boston
 MBM Boston Medical Library, Boston
 MBN Boston Society of Natural History, Boston
 MBU Boston University
 MBdAF U. S. Air Force Cambridge Research Center,
 Bedford, Mass.
 MCM Massachusetts Institute of Technology,
 Cambridge, Mass.
 MH Harvard University, Cambridge, Mass.
 MH-A — Arnold Arboretum, Jamaica Plain
 MH-AH — Andover-Harvard Theological Seminary
 Library
 MH-BH — Blue Hill Meteorological Observatory,
 Milton, Mass.
 MH-BL — Biological Laboratories Library
 MH-C — Chemistry Library
 MH-F — Farlow Reference Library
 MH-FA — Fogg Art Museum Library
 MH-G — Gary Herbarium Library
 MH-GM — Gordon McKay Library
 MH-HY — Harvard-Yenching Institute (Chinese-
 Japanese Library)
 MH-L — Law School Library
 MH-M — Schools of Medicine, Public Health and
 Dental Medicine, Boston

MH-Mi — Mineralogical Library
 MH-O — Astronomical Observatory, the Phillips
 Library
 MH-P — Peabody Museum Library
 MH-PR — Physics Research Library
 MH-SD — Graduate School of Design Library
 MH-Z — Museum of Comparative Zoology Library
 MMeT Tufts University, Medford, Mass.
 MNS Smith College, Northampton, Mass.
 MshM Mount Holyoke College, South Hadley, Mass.
 MWaLB Brandeis University, Waltham, Mass.
 MWelC Wellesley College, Wellesley, Mass.
 MWhB Marine Biological Laboratory, Woods Hole,
 Mass.
 MdAN U. S. Naval Academy, Annapolis
 MdBJ Johns Hopkins University, Baltimore
 MdBJ-W — William H. Welch Medical Library
 MdBWA Walters Art Gallery, Baltimore
 MdU University of Maryland, College Park
 MeB Bowdoin College, Brunswick, Maine
 MeWC Colby College, Waterville, Maine
 MID Detroit Public Library
 MIDA Detroit Institute of Arts
 MIDW Wayne State University, Detroit
 MIEM Michigan State University, East Lansing
 MIMid Dow Chemical Company, Midland, Mich.
 MIU University of Michigan, Ann Arbor
 MIU-C — William L. Clements Library
 MIU-L — Law Library
 MIWar General Motors Corporation, Research Labora-
 tories Division, Warren, Mich.
 GMR James Jerome Hill Reference Library, St. Paul
 MnU University of Minnesota, Minneapolis
 MnU-A — Department of Agriculture Library, St. Paul
 MnU-B — Bio-Medical Library
 MnU-L — Law Library
 MoFC Central College, Fayette, Mo.
 MoKL Linda Hall Library, Kansas City
 MoRM University of Missouri School of Mines and
 Metallurgy, Rolla
 MoS St. Louis Public Library
 MoSB Missouri Botanical Garden, St. Louis
 MoSU St. Louis University, St. Louis
 MoSW Washington University, St. Louis
 MoSW-M — Medical School Library
 MoU University of Missouri, Columbia
 MsSM Mississippi State University, State College
 MaU University of Mississippi, Oxford
 MtBC Montana State College, Bozeman
 MU Montana State University, Missoula
 N New York State Library, Albany
 NAurW Wells College, Aurora, New York
 NB Brooklyn Public Library
 NBB Brooklyn Museum Libraries, Brooklyn
 NRC Brooklyn College, Brooklyn
 NRG Brooklyn Botanic Garden, Brooklyn
 NBM Academy of Medicine of Brooklyn Library,
 Brooklyn
 NBSU-M State University of New York, College of
 Medicine Downstate Medical Center Library,
 Brooklyn
 NBuB Buffalo Society of Natural Sciences, Buffalo
 NBuU University of Buffalo, Buffalo
 NCH Hamilton College, Clinton, N. Y.
 NCornC Corning Glass Works Library, Corning, N. Y.
 NCaC Carnegie Institution, Department of Genetics,
 Cold Spring Harbor, N. Y.
 NIC Cornell University, Ithaca, N. Y.
 NIC-A — State Colleges of Agriculture and Home
 Economics
 NN New York Public Library
 NNA American Geographical Society, New York
 NNBG New York Botanical Garden, Bronx Park,
 New York
 NNC Columbia University, New York
 NNC-L — Law Library
 NNC-M — Medical Library
 NNC-T — Teachers College Library

NNCC	Chemists' Club, New York	OSTe	Carnegie Library, Steubenville, Ohio
NNCoCi	College of the City of New York, New York	OU	Ohio State University, Columbus
NNCorM	Cornell University Medical College Library, New York	OUCA	Chemical Abstracts, Ohio State University, Columbus
NNE	Engineering Societies Library, New York	OkS	Oklahoma State University, Stillwater
NNF	Fordham University, New York	OkU	University of Oklahoma, Norman
NNIS	Library for Intercultural Studies, New York	OrCS	Oregon State University, Corvallis
NNJ	Jewish Theological Seminary of America, New York	OrPR	Reed College, Portland, Ore.
NNM	American Museum of Natural History, New York	OrU	University of Oregon, Eugene
NNMM	Metropolitan Museum of Art Library, New York	P	Pennsylvania State Library, Harrisburg
NNNAM	New York Academy of Medicine, New York	PBL	Lehigh University, Bethlehem, Pa.
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York	PBm	Bryn Mawr College, Bryn Mawr, Pa.
NNR	Russell Sage Foundation, College of the City of New York	PHC	Haverford College, Haverford, Pa.
NNRI	Rockefeller Institute for Medical Research, New York	PLF	Franklin and Marshall College, Lancaster, Pa.
NNU	New York University Libraries, New York	PP	Free Library of Philadelphia
NNU-H	— University Heights Library	PPAN	Academy of Natural Sciences, Philadelphia
NNU-M	— Bellevue Medical Center Libraries (Includes Neuropsychiatric Library)	PPAmP	American Philosophical Society, Philadelphia
NNU-W	— Washington Square Library	PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
NNUN	United Nations Library, New York	PPC	College of Physicians of Philadelphia
NPV	Vassar College, Poughkeepsie, N. Y.	PPDpro	Dropsie College for Hebrew and Cognate Learning, Philadelphia
NRE	Eastman Kodak Company, Rochester, N. Y.	PPF	Franklin Institute, Philadelphia
NRU	University of Rochester, Rochester, N. Y.	PPLas	La Salle College, Philadelphia
NSyU	Syracuse University, Syracuse, N. Y.	PPPM	Philadelphia Museum of Art
NUPB	U. S. Brookhaven National Laboratory, Upton, N. Y.	PPT	Temple University, Philadelphia
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.	PPUC	Union Library Catalogue of the Philadelphia Metropolitan Area, Philadelphia
NYHI	International Business Machines Corporation, Thomas J. Watson Research Center, Yorktown Heights, New York	PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
NbU	University of Nebraska, Lincoln	PPi	Carnegie Library of Pittsburgh, Pittsburgh
NcD	Duke University, Durham, N. C.	PPiCi	Carnegie Institute of Technology, Pittsburgh
NcGW	Woman's College of the University of North Carolina, Greensboro	PPiU	University of Pittsburgh, Pittsburgh
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh	PProC	Rosemont College, Rosemont, Pa.
NcU	University of North Carolina, Chapel Hill	PSC	Swarthmore College, Swarthmore, Pa.
NcU-H	— Division of Health Affairs. (North Carolina Memorial Hospital)	PSt	Pennsylvania State University, University Park
NdU	University of North Dakota, Grand Forks	PU	University of Pennsylvania, Philadelphia
Nh	New Hampshire State Library, Concord	PU-BZ	— Botany-Zoology Library
NhD	Dartmouth College, Hanover, N. H.	PU-EI	— Moore School of Electrical Engineering Library
NhU	University of New Hampshire, Durham	PU-FA	— School of Fine Arts Library
NJI	Irrington Free Public Library, Irrington, N. J.	PU-Math	— Mathematics-Physics Library
NJMuA	Air Reduction Company, inc., Central Research Department Library, Murray Hill	PU-Mu	— University Museum Library
NJMuB	Bell Telephone Laboratories, Murray Hill, N. J.	PU-Penn	— Penniman Library of Education
NJN	Newark Public Library, Newark, N. J.	PU-Se	— Towne Scientific School Library
NJP	Princeton University, Princeton, N. J.	RPB	Brown University, Providence, R. I.
NJPT	Princeton Theological Seminary, Princeton, N. J.	RU	University of Rhode Island, Kingston
NjR	Rutgers University, New Brunswick, N. J.	SeU	University of South Carolina, Columbia
NmUpU	New Mexico State University of Agriculture, Engineering and Science, University Park	TCU	University of Chattanooga, Chattanooga, Tenn.
NvU	University of Nevada, Reno	TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
O	Ohio State Library, Columbus	TOU	Oak Ridge Associated Universities, Oak Ridge, Tenn.
OCH	Hebrew Union College, Cincinnati	TU	University of Tennessee, Knoxville
OCLloyd	Lloyd Library and Museum, Cincinnati	TxCM	Agricultural and Mechanical College of Texas, College Station
OCU	University of Cincinnati, Cincinnati	TxDAm	Southern Methodist University, Dallas
OCI	Cleveland Public Library	TxHR	Rice Institute, Houston
OCIBHS	Benedictine High School, Cleveland	TxLT	Texas Technological College, Lubbock
OCICS	Case Institute of Technology, Cleveland	TxU	University of Texas, Austin
OCIJC	John Carroll University, Cleveland	ULA	Utah State University of Agriculture and Applied Science, Logan
OCIM	Cleveland Medical Library	UPB	Brigham Young University, Provo, Utah
OCIMA	Cleveland Museum of Art	ViBibV	Virginia Polytechnic Institute, Blacksburg
OCIW	Western Reserve University, Cleveland	VIU	University of Virginia, Charlottesville
OCob	Battelle Memorial Institute, Columbus	VIU-L	— Law Library
ODW	Ohio Wesleyan University, Delaware, Ohio	ViW	College of William and Mary, Williamsburg
OHI	Ohio State Historical Society, Columbus	VtMIM	Middlebury College, Middlebury, Vt.
OKentC	Kent State University, Kent, Ohio	VtU	University of Vermont and State Agricultural College, Burlington
OO	Oberlin College, Oberlin, Ohio	WAP	Institute of Paper Chemistry, Appleton
OOxM	Miami University, Oxford, Ohio	WHI	State Historical Society of Wisconsin, Madison
		WU	University of Wisconsin, Madison
		WaU	University of Washington, Seattle
		WvU	West Virginia University, Morgantown
		WyU	Wyoming University, Laramie

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

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PART A—MONOGRAPHIC WORKS

1. GENERAL

[LITHUANIAN ENCYCLOPEDIA] Lietuviu enciklopedija [Boston] Lietuviu enciklopedijos leidykla. [In Lithuanian]
Vol. 34. [Congress of Vienna—X rays] Vienos kongresas - X spinduliu. [c 1966] 640 p.

[YEARBOOK OF LITERATURE AND ART FOR 1965] Literatūros ir meno metraštis 1965. Vilnius, Vaga, 1965. 353 p. [In Lithuanian]

[YEARBOOK OF LITERATURE AND ART FOR 1966] Literatūros ir meno metraštis 1966. Vilnius, Vaga, 1966. 255 p. [In Lithuanian]

ZAKHARCHENKO, VASILII. [We are nineteen years old, how old are you? / Nam deviatnadsat'... a vam?] [Moskva, Molodai gvardia, 1966] 32 p.

2. BIBLIOGRAPHY

AKADEMIJA NAUK URSS. Kiev. Instytut mystel'stvo-znavstva, fol'kloru ta etnografi. [Books and printing in the Ukraine] Knyhy i drukarstvo na Ukraini. [Kyiv, Naukova dumka, 1964] 313 p. illus. (InU)

BITKOVA, K.M. [Seamless fastening of books] Besplyvnoe skreplenie knig. Moskva, Kniga, 1965. 114 p. (Biblioteka poligrafista)

DYMSHITS, L.D. [Etching equipment for the preparation of metal forms for letterpress printing] Travil'noe oborudovanie dlia izgotovleniia metallicheskih form vysokoi pechati; uchebnoe posobie dlia vseh otdelenii MMF. Moskva, Mosk.poligr. in-t, 1965. 67 p.

KOTIK, R.A., and others. [Phototype printing] Fototipnaya pechat'. Moskva, Voen. nauchno-issl. in-t poligr.promyshl., 1965. 44 p. (Seria: Formy protsessy)

LIEUVOS TSR MOKSLU AKADEMIJA, Vilna. Centrine biblioteka. [Bibliography of publications of the Academy of Sciences of the Lithuanian S.S.R., 1963] Lietuvos TSR Mokslu akademijos leidiniu bibliografija 1963. Vilnius, 1965. 190 p. [In Russian and Lithuanian] (RPD)

[LITERATURE ON VOLOGDA PROVINCE, 1964] Literatura o Vologodskoi oblasti za 1964 god. [Vologda] Severo-Zapadnoe knizhnoe izd-vo, 1965. 159 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Universal decimal classification; automotive transportation, highways, and the related areas of science and technology] Universal'naya desiatichnaya klassifikatsiia; avtomobil'nyi transport, avtomobil'nye dorogi i smezhnye oblasti nauki i tekhniki. MFD 364. Moskva, Transport, 1965. 111 p.

NASRASHVILI, N.S. [The problem of the form of the type of a Georgian ABC book. K voprosu o forme shrifta gruzinskogo bukvaria. Tbilisi, Metsnereba] 1965. 136 p. [In Georgian]

[ROLE OF THE LIBRARY IN WORKERS' COMMUNIST EDUCATION] Rol' biblioteki v kommunisticheskom vospitanii trudiaschikhsia. [Moskva] Profizdat, 1966. 94 p.

TOOTS, V.K. [Modern script] Sovremennyi shrift. Moskva, Kniga, 1966. 265 p. illus.

ULAN-UDE. BURIATSKII KOMPLEKSNIY NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Index to the publications of the Buryat Scientific Research Institute of the Siberian Department of the Academy of Sciences of the U. S. S. R. (1959-1962)] Ukazatel' izdani Buriatskogo kompleksnogo nauchno-issledovatel'skogo instituta SO AN SSSR (1959-1962 gg.). Ulan-Ude, 1964. 93 p.

UL'YANOVSK. OBLASTNAIA BIBLIOTEKA 'DVORETS KNIGI.' Bibliograficheskii otdel. [New literature on Ul'yanovsk Province, 1962] Novaya literatura ob Ul'yanovskoi oblasti (1962 god). [Ul'yanovsk] Ul'yanovskoe knizhnoe izd-vo, 1963. 58 p.

VSESOIUZNAIA KNIZHNAIA PALATA. [Abbreviations of Russian words in library and bibliographical descriptions] Sokrascheniia russkikh slov v bibliotekhnnoi i bibliograficheskoi opisani. Moskva, "Kniga," 1966. 30 p.

3. PHILOSOPHY & RELIGION

AKOPIAN, G.M. [Sacred beliefs. Osviaschennye yovaniia. Erevan, Aikstan, 1965. 81 p. In Armenian]

AKPEROV, M.S. [Cybernetics and religion] Kibernetika ve dln. Baki, Azerneshr, 1966. 43 p. [In Azerbaijani]

AKSAMITAS, PRANAS. [Islam religion in the past and at present] Musulmonu religija seniau ir dabar. Vilnius, Mintis, 1966. 45 p. [In Lithuanian]

AREF'EVA, G.S., and E.N. LYSMANKIN. [The theory of knowledge in dialectical materialism] Teoriia poznavania dialekticheskogo materializma. Red. A.F. Zolov. Moskva, Mosk. energ. in-t, 1966. 32 p.

BALSYS, ANTANAS. [The position of man; a publicist's talk about communist morality] Zinogaus pozicija; publicistinis pasikalbojimas apie komunistine morale. Vilnius, Mintis, 1966. 120 p. [In Lithuanian]

BORODAI, IU.M. [Imagination and the theory of knowledge; a critical essay on the Kantian theory of the productive power of imagination] Vooobrazenie i teoriia poznaniia; kriticheskii ocherk kantovskogo ucheniia o produktivnoi sposobnosti voobrazheniia. Moskva, Vysshiaia shkola, 1966. 149 p.

GALKO, I.K. [The world of labor is the world of beauty] Mir truda - mir krasoty. Minsk, Belarus', 1966. 85 p.

GUTSALENKO, L.A. [The purport of life] O smysle zhizni. Minsk, Belarus', 1965. 33 p. (Besedy a verutsluchim)

HANNA, JURJ. [Updrear in philosophy. Translated from the Arabic] Shumikha v filosofii. Pod red. F.V. Konstantinova. Moskva, Progress, 1965. 181 p. (NJP)

ISAIAN, T.S. [Galust Kostandian. Erevan, Ob-vo "Znanie" Armianskoi SSR] 1965. 21 p. [In Armenian]

JURGINIS, J. [Renaissance and Humanism in Lithuania] Renesansas ir humanizmas Lietuvoje. Vilnius, Vaga, 1965. 286 p. [In Lithuanian]

JURONENE, GENOVAITE. [Unordered Mass] Neuzpriklos mistos. Vilnius, Mintis, 1966. 87 p. [In Lithuanian]

KAZRAGE, ALGIRDAS. [With violence and perfidy] Smurtu ir klaida. Vilnius, Mintis, 1966. 34 p. [In Lithuanian]

KISSEL', M.A., and M.V. EMDIN. [The ethics of Hegel and the crisis in present-day bourgeois ethics] Etika Gegelia i krizis sovremennoi burzhuaznoi etiki. [Leningrad] Izd-vo Leningr. univ., 1966. 123 p.

KOLMAN, ARNOST, and OTOKAR ZICH. [Logic made interesting. Translated from the Czech] Zanimatel'naya logika. Moskva, Nauka, 1966. 126 p. (Nauchno-populiarnaya seria)

KOZLOV, N.S. [Revolutionary-democratic and philosophical thought in the Ukraine in the late 19th and the early 20th centuries; a lecture] Revoliutsionno-demokraticheskaia i filosofskaia mysl' na Ukraine v kontse XIX-nachale XX v.; leksiia. [Moskva] Izd-vo Mosk. univ., 1966. 57 p.

KUZYK, DMYTRO. [For the Ukrainian language in our Church; is there a basis for the argument against the Ukrainian language in the divine service?] Za ukrainsku movu v nashii Tserkvi; chi maie' osnovy argumenty tykh, shcho ie proty ukrains'koi movy v Bohoslužbach? Trenton, N.J., 1964-1965, 2 v.

LENINGRAD. UNIVERSITET. [Problems in general, social, and engineering psychology] Problemy obshchego, sotsial'nogo i inzhenernoi psikhologii. [Leningrad] Izd-vo Leningr. univ., 1966. 142 p.

MARKONE, STASYS. [Indulgences] Atalaidai. Vilnius, Mintis, 1965. 31 p. [In Lithuanian]

MARX, KARL, and FRIEDRICH ENGELS. [Feverbach. Antithesis of the materialistic and idealistic views; new edition of the first chapter of "German ideology"] Felerbakh. Protivopolozhnost' materialisticheskogo i idealisticheskogo vozrenii; novaya publikatsiia pervoi glavy "Nemetskoi ideologii." Moskva, Politizdat, 1966. 151 p.

MATSIAS, D.M. [A Biblical Commandment; talks with religious people] Ab adnoi bibliskai zapavedzi; hutarki z veruichyni. Minsk, Belarus', 1966. 42 p.

MIRONOV, A.E. [My dear teenager!] Dorogoi moi podrostok! Minsk, Belarus', 1966. 88 p. (Po zakonom sovesti i chesti)

MOLCHANOVA, A.S. [De gustibus...; theoretical essay on aesthetic taste] Na vkus, na tsvet...; teoreticheskii ocherk ob esteticheskom vkuse. Moskva, Iskustvo, 1966. 198 p.

NADOL'SKI, R.V. [What god the Baptists worship] Kakomu bolu paklaniautatsia baptisty. Minsk, Belarus', 1966. 31 p. (Biblioteka ateista)

PECHURA, PETRAS. [A word to the believer] Zodis tikincijam. Vilnius, Mintis, 1966. 54 p. [In Lithuanian]

PETROV, S.G. [Truth of life and truth of art] Pravda zhizni i pravda iskustva. Moskva, Sovetskii pisatel', 1965. 119 p. (NJP)

ROZHIN, V.P. [The ways of formation of a scientific philosophy] Puti formirovaniia nauchnogo mirovozreniia. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 33 p.

SABOL, SEVASTIAN. [Catholicism and orthodoxy; the 900th anniversary of the schism in the Christian Church, 1054-1954] Katolytstvo i pravoslavie; v 900-ti kovnyi poditu Khristovoi Tserkvy (1054-1954). New York, Vyd-vo "Slovo dobroho pastyria" 1955. 326 p. (CoU)

[SALUTE TO LABOR] Chest' trudu; sbornik. Donetsk, Donbass, 1965. 62 p.

SINKUS, SIGISMUNDAS-JUOZAS. [Did you think about it?] Ar pagalvojai? Vilnius, Mintis, 1965. 44 p. [In Lithuanian]

SIMONOV, P. V. [What is emotion? Chto takoe emotsiya? Moskva, Nauka, 1965. 95 p. (Nauchno-popularnaya seriya)]

SKVORTSOV, L. V. [Is metaphysics acquiring a "second wind"? A critical analysis of the methodology of the bourgeois historical and philosophical thought of the 19th and 20th centuries] Obretai li metafizika "vtoroe dykhanie"? Kriticheskiy analiz metodologii burzhuaznoi istoriko-filosofskoi mysli XIX-XX vv. Moskva, Mysl', 1966. 197 p.

SOKOLOV, N. P., ed. [The history of freethinking and atheism in Europe] Istoriya svobodomyssla i ateizma v Evrope. Moskva, Mysl', 1966. 412 p.

SOLOV'EV, V. S. [The Russian idea. Translated from the French] Russkaya idola. [2., fototipicheskoe izd. Bruzelles, Zhizn' a Bogom, 1964] 31 p. (CSI)

SOVESHCHANIYE PO SOVREMENNYM PROBLEMAM MATERIALISTICHESKOI DIALEKTIKI, Moscow, 1965. [Dialectic and logic of scientific knowledge; materialism] Dialektika i logika nauchnogo poznaniya; materializm. Moskva, Nauka, 1966. 429 p. (Sovremennyye problemy materialisticheskoi dialektiki)

SOVESHCHANIYE PO SOVREMENNYM PROBLEMAM MATERIALISTICHESKOI DIALEKTIKI, Moscow, 1965. [Leninist theory of reflection and contemporary science; materials] Leningradskaya teoriya otrazheniya i sovremennaya nauka; materialy. Moskva, Nauka, 1966. 300 p.

SVIDERSKII, V. I., and A. S. KARMIN. [The finite and the infinite; philosophical aspects of the problem] Konechnoe i beskonechnoe; filosofskii aspekt problemy. Moskva, Nauka, 1966. 319 p.

THERESE, SAINT. [Story of a soul; autobiography. Translated from the French] Istoriya dushi; avtobiografiya. Toronto, Canada, OO. Vasilyan, 1955. 281 p. (MID)

UZNAZDZE, D. N. [Psychological studies] Psikhologicheskie issledovaniya. Moskva, Nauka, 1966. 449 p.

[WORLD OF THE BEAUTIFUL; essays] Mir prekrasnogo; ocherki. Moskva, Izd-vo gazety "Krasnaya zvezda," 1966. 20 p. (Biblioteka "Krasnaya zvezda," no. 8(196))

4. HISTORY

[ABOUT LENIN; reminiscences of foreign contemporaries] O Lenine; vospominaniya zarubezhnykh sovremennikov. 2. Izd. Moskva, Politizdat, 1966. 535 p.

AKADEMIYA NAUK GRUZINSKOI SSR, Tbilisi, Institut istorii, arkhologii i etnografii. [Pages from the history of Georgia] Stranitsy iz istorii Gruzii, Tbilisi, [Literatura dlya khelovneba] 1965. 200 p.

AKADEMIYA NAUK MOLDAVSKOI SSR, Institut istorii, [History of the Moldavian S.S.R. in two volumes] Istoriya Moldavskoi SSR v dvukh tomakh. Izd. 2., perer. i dop. Red. kollegiya: L. V. Cherepnin i dr. Kishinev, Karita moldoveniaske.

Vol. 1. [From ancient times to the Great October Socialist Revolution] S drevneishikh vremen do Velikoi Oktinbr'skoi sotsialisticheskoi revoliutsii. 1965. 658 p.

AKADEMIYA NAUK SSSR, Institut arkhologii. [The culture of ancient Russia] Kul'tura drevnei Rusi. Moskva, Nauka, 1966. 326 p. illus.

AKADEMIYA NAUK SSSR, Institut istorii. [The chronicle of Bykhovets] Khronika Bykhovetsa. Moskva, Nauka, 1966. 152 p. (Pamiatniki srednevekovoi istorii narodov Tsentral'noi i Vostochnoi Evropy)

AKADEMIYA NAUK SSSR, Institut istorii. [Cities of feudal Russia; a collection of articles in memory of N. V. Ustugov] Goroda feodal'noi Rossii; sbornik statei pamiati N. V. Ustugova. Moskva, Nauka, 1966. 562 p.

AKADEMIYA NAUK SSSR, Institut istorii. [History of the Second International] Istoriya Vtorogo internatsionala. Red. kollegiya: L. I. Zubok i dr. Moskva, Nauka, (Biblioteka vsemirnnoi istorii) Vol. 2, 1966. 595 p.

AKADEMIYA NAUK SSSR, Institut istorii. [History of the U.S.S.R. from ancient times to our day in two series and twelve volumes] Istoriya SSSR s drevneishikh vremen do nashikh dnei v dvukh seriakh, v dvadtsati tomakh. Glav. red. sov. B. N. Ponomarev i dr. Moskva, Nauka.

[First series. Vols. 1-6. From ancient times to the Great October Socialist Revolution] Pervaya seriya. Toma I-VI. S drevneishikh vremen do Velikoi Oktinbr'skoi sotsialisticheskoi revoliutsii. Glav. red. B. A. Rybakov.

Vol. 1. Plotnitsa, S. A., and B. A. Rybakov, eds. [Social system of primitive rural communes. The ancient states of Transcaucasia and Central Asia. Ancient Rus' (before the 13th century)] Pervobytnoobshchestvennyy stroi. Drevneishie gosudarstva Zakavkaz'ia i Srednei Azii. Drevnaya Rus' (do nachala XIII v.). 1966. 718 p.

AKADEMIYA NAUK SSSR, Institut istorii. [The Petrograd Committee of War and the Revolution; documents and materials. A three volumes] Petrogradskii Voenno-revoliutsionnyi komitet; dokumenty i materialy v trekh tomakh. Moskva, Nauka. Vol. 1. Chugaev, D. A., and others, eds. 1966. 562 p.

AKADEMIYA NAUK SSSR, Institut istorii, Leningradskoe otdeleniye. [900 heroic days; collection of documents and materials on the heroic struggle of Leningrad workers in 1941-1944] 900 geroyeskhikh dnei; sbornik dokumentov i materialov o geroyeskhom bor'be truditsel'nikov Leningrada v 1941-1944 gg. Moskva, Nauka, 1966. 422 p.

AKADEMIYA NAUK SSSR, Institut narodov Azii. [Arab countries; history and economics] Arabskie strany; istoriya, ekonomika. Moskva, Nauka, 1966. 281 p.

AKADEMIYA NAUK SSSR, Institut narodov Azii. [Reports of Czechoslovak orientalis] Soobshcheniya chekhoslovatskikh orientalistov. Moskva, Izd-vo vostochnoi lit-ry, 1960. 122 p. (Zarubezhnoe vostoovedeniye, no. 1) (IAU)

AKADEMIYA NAUK SSSR, Institut slavovedeniya. [Slavic renaissance; a collection of studies and materials] Slavyanskoe vvozrozhdeniye; sbornik statei i materialov. Moskva, Nauka, 1966. 247 p.

AKADEMIYA NAUK SSSR, Sibirskoe otdeleniye. [Siberia in the period of feudalism] Sibir' perioda feodalizma. Novosibirsk, Nauka, (Materialy po istorii Sibiri) No. 2. [The economy, government, and culture of Siberia from the 16th through the 18th century] Ekonomika, upravleniye i kul'tura Sibiri XVI-XIX vv. 1965. 363 p.

AKADEMIYA NAUK URSSR, Kiev, Sektor derzhavy i prava. [International contacts of the Ukrainian S.S.R.; international treaties, conventions, agreements, and other acts concluded with the participation of the Ukraine, January 1957-December 1965] Ukrain's'ka RSR u mizhnarodnykh vidnosynakh; mizhnarodni dohovory, konventsi, uhody ta inshi akty, uchastyom iakykh le Ukraina, sichen' 1957-hruden' 1965 rr. Kyiv, Naukova dumka, 1966. 421 p.

AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent, Institut istorii i arkhologii. [History of the material culture of Uzbekistan] Istoriya material'noi kul'tury Uzbekistana. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR. No. 6, 1965. 219 p.

[ALWAYS ON DUTY] Navechno v stroiu. Moskva, Voenizdat. Book 5. 1966. 347 p.

ARSTOVA, T. F. [The Kurds of Transcaucasia; a historical and ethnographic study] Kurdy Zakavkaz'ia; istoriko-etnograficheskiy ocherk. Moskva, Nauka, 1966. 208 p.

ASHKABAD, INSTITUT ISTORI PARTII. [Communism is being born today! A collection of documents] Kommunizm rozhdaetsya segodnya! Sbornik dokumentov. Sost. E. G. Krovskikh i dr. Pod red. N. G. Kur'abinov i A. A. Roslavkova. Ashkhabad, Turkmen'skoe izd-vo, 1964. 194 p. (CSI-H)

AZAROV, V. B. Vaevalod Vital'evich Vishnevskii. [Leningrad] Lenizdat, 1966. 392 p.

BACIURINAS, A. [In the struggle for Soviet Lithuania] Kovose uz Taryba Lietuva. Vilnius, Mintis, 1965. 282 p. [In Lithuanian]

BAREŠ, GUSTAV. [A patch of clean sky. Translated from the Czech] Klocch chistogo neba. Moskva, Politizdat, 1966. 214 p.

BELEVIT'NEV, R. A., and A. F. LOS'. [A fortress without fortifications; pages from the history of the heroic defenses of Liepaja] Krepost' bez fortov; stranitsy geroyeskhogo oborony Liepai. Moskva, Voenizdat, 1966. 214 p.

BGAZHBA, MIKHAIL. Nestor Lakoba. Tbilisi, Sabchota Sakartvelo, 1965. 57 p.

CHATOEV, KH. M. [Kurds of Soviet Armenia; an historical outline, 1920-1940] Kurdy sovetskoi Armenii; istoricheskiy ocherk, 1920-1940. Erevan, Izd-vo Akad. nauk Arman'skoi SSR, 1965. 162 p. (CSI-H)

CHOIBALSAN, KH. [Khatan Bator Maksarzhav. Translated from the Mongolian] Khatan Bator Maksarzhav. Moskva, Voenizdat, 1965. 54 p. (MH)

COLAKOVIĆ, RODOLJUB. [Notes on the Liberation War in Yugoslavia. Translated from the Serbian] Zapiski ob Osvoboditel'noi vojne v Jugoslavii. 2. izd. Pod red. i s predisl. A. D. Sev'iana. Moskva, Progress, 1965. 778 p. map (insert)

DEMOCHKIN, N. N., L. K. ERMAN, and E. D. CHERMEN-SKII. [The Revolution of 1905-1907 in Russia; a manual for teachers] Revoliutsiya 1905-1907 gg. v Rossii; posobie dlia uchitelei. Moskva, Prosveshcheniye, 1965. 238 p. maps (insert)

DOVZHENKO, O. P. [Works in five volumes] Tvory v p'iaty tomakh. Kyiv, Dnipro. Vol. 5, 1966. 541 p.

DUBININ, L. A. [Museum of the Great October] Muzei Velikoi Oktinbr'ia. [Leningrad] Lenizdat, 1965. 73 p. (Turistu o Leningrade)

DUBINSKII, A. M. [Liberation mission of the Soviet Union in the Far East; from the history of the international relations and the national liberation struggle of the peoples of Eastern and Southeastern Asia during the years of the Second World War] Osvoboditel'naya missiya Sovetskogo Soyuza na Dal'nem Vostoke; iz istorii mezhdunarodnykh otnoshenii, natsional'no-osvoboditel'noi bor'by narodov Vostochnoi i Ugo-Vostochnoi Azii v gody Vtoroi Mirovoi volny. Moskva, Mysl', 1966. 592 p.

DUBINSKII-MUKHADZE, I. M. Shaumian. [Moskva] Molodaya gvardiya, 1965. 335 p. (Zhizn' zamachistov i nykh liudel. Seriya biografii, no. 20 (417))

DUCHYMIN'SKA, OKSANA. Viktor Domanyts'kyi. Winnipeg, 1963-1964. 83 p. (U)

EBANOIDZE, L. [Aleksandr Tsutukidze; a biographical essay] Aleksandr Tsutukidze; biograficheskiy ocherk. Tbilisi, Sabchota Sakartvelo, 1965. 126 p.

EESTI NSV TEADUSTE AKADEEMIA. Ajalo Institute. [History of the Estonian S.S.R. in three volumes] Istoriya Estonskoi SSR v trekh tomakh. Red. kollegiya: I. Saat i dr. Tallinn, Eesti Raamat. Vol. 2. [From the 1850's through March 1917] S 50-kih godov XIX veka po mart 1917 goda. 1966. 793 p.

EESTIMAA KOMMUNISTLIK PARTEI. Keskkomitee. Partei Ajalo Institute. [The people's avengers; reminiscences and stories of guerrilla fighting and the antifascist movement] Rihvastajad; muletsust ja jutustust partisaanivõitlusest ning antifasistlikust liikumisest. Tallinn, Eesti Raamat. [In Estonian] Book 2, 1965. 402 p.

EFIMOV, G. V. [Historical and bibliographical review of sources and literature on the modern history of China] Istoriiko-bibliograficheskiy obzor istochnikov i literatury po novoi istorii Kitaa. [Leningrad] Izd-vo Leningr. univ. Pt. 1. [Introduction and review of the source materials] Vvedeniye, obzor istochnikov. 1965. 177 p.

- EGLINIS-ELINAS, MEJERIS. [In the forts of death] Mirties fortuose. Perdirbtas ir papildytas leidimas. Vilnius, Mintis, 1966. 121 p. [In Lithuanian]
- ELESTA. KALMYTSKII NAUCHNO-ISSEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY I ISTORII. [Kalmyks in the Patriotic War of 1812; a collection of documents] Kalmyki v Otechestvennoi voine 1812 goda; sbornik dokumentov. Pod obshch. red. B.S. Sandzhieva. Elista, Kalmogostizdat, 1964. 101 p. (NNC)
- ERANOS'IAN, V.E. [Heroic deeds continue] Podvigi prodolzhaitsia. Ufa, Bashkirskae knizhnoe izd-vo, 1965. 65 p. (CSI-II)
- [EXPLOIT ON THE BANKS OF THE DNIPIER-SLAVUTYCII; a collection of materials on the 20th anniversary of the battle for the Dniester and the liberation of Kiev from the Fascist German occupant] Podvigh na berehakh Dnipra-Slavutycha; zbirnyk materialiv pro vidnachennia 20-rihchchia bytvy za Dnipro i vyzvolennia Kyieva vid nimets'ko-fashists'kykh zaharbykiv. Kyiv, Vyd-vo polit. lit-ry, 1964. 136 p. (WU)
- FAL'KOVICH, S.M. [Ideological and political struggle in the Polish liberation movement of the 1850's and 1860's] Ideino-politicheskaia bor'ba v pol'skom osvoboditel'nom dvizhenii 50-60-kh godov XIX veka. Moskva, Nauka, 1966. 331 p.
- FEDOROV, D.IA. [Battle region coins from the 13th through the 18th century; a guide to the coinage] Monety Pribaltiki XIII-XVIII stoletii; opredelitel' monet. Kommentarii i dopolneniia A. Molvygina. Tatlin, Vaugus, 1966. 421 p.
- FEDOROV-DAVYDOV, G.A. [Nomads of Eastern Europe under the rule of the Golden Horde khans; archaeological objects] Kochevniki Vostochnoi Evropy pod vlast'iu zolotoordynskikh khanov; arkhologicheskie pamiatniki. [Moskva] Izd-vo Mosk.univ., 1966. 272 p.
- [FROM THE HISTORY OF THE BUILDING OF SOVIET CULTURE, MOSCOW, 1917-1918; documents and materials] Iz istorii stroitel'stva Sovetskoi kul'tury, Moskva, 1917-1918; dokumenty i materialy. Moskva, Iskusstvo, 1965. 382 p. (NNC)
- GERZHOD, I.I., and A.M. DZIMBIEV. [Our Kalmyk land; a brief sketch of the history, economics, and culture of the Kalmyk Soviet Socialist Republic] Kratnii kalmytskii; kratkii ocherk istorii, ekonomiki i kul'tury Kalmytskoi Sovetskoi Sotsialisticheskoi Respubliki. Elista, Kalmytskoe knizhnoe izd-vo, 1965. 59 p. (Priezhanie k nam v Kalmykii) (CSI-II)
- GILEVA, E.I. [Party's struggle for the development of the socialist revolution and the strengthening of the Soviet regime, October 1917-1918] Bor'ba partii za razvitiie sotsialisticheskoi revoliutsii i uprochnenie Sovetskoi vlasti (Oktinbr' 1917 g. - 1918 g.). Moskva, Politizdat, 1960. 45 p. (Uchebno-metodicheskie posobiia k izucheniui istorii KPSS)
- GLADKOV, N.N. [They stood to the death] Oni stoiat namert'. Moskva, Voennoe izd-vo, 1965. 74 p. (Geroltskoe prushhie nashoi Rodiny) (CSI-II)
- GOFMAN, G.B. [The hero of Taganrog; a documentary tale] Gerol Taganroga; dokumental'nala povost'. [Moskva] Molodala gvardia, 1966. 397 p.
- GOLOQINOV, GEORGI. [At the Dniester] U Dnestra. Izd. 2. Kishinev, Karita molodentseke, 1966. 357 p.
- GORDIN, A., and I.A. GORDIN. [Decembrist Square] Ploschad' Dekabristov. [Leningrad] Lentzdat, 1966. 71 p. (Turistu o Leningrade)
- GORSKOV, V.A. [Role of the people's masses and personality in history] Rol' narodnykh mass i lichnosti v istorii. Pod red. B.K. Reinfel'da. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1965. 100 p. (CSI-II)
- GRADOVETSKII, V.V. [Antifeudal struggle of Carpathian peasant guerrillas from the 16th to 19th centuries] Antifeodal'na borot'ba karpats'koho opyshkivstva XVI-XIX st. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 280 p.
- GRIGOR'IAN, K.N. [Mikhael Nalbadian. [Leningrad] Lentzdat, 1966. 39 p. (Uzniki Petropavlovskoi kreposti)]
- GRIN'KO, A.I., and G.F. ULAEV. [Heroes of the land of Voronezh] Bogatiri zemli Voronezhskoi. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 606 p. (CSI-II)
- GVINCHIDZE, O.SH. [The Gruzinov brothers] Brat'ia Gruziny. Tbilisi, Literatura da khetovneba, 1965. 110 p.
- [HEROES FROM THE URAL MOUNTAIN REGION] Gerol Priural'ia. Ulva'sk, 1965. 75 p. (K 20-letiiu Velikoi Pobedy nad fashistskoi Germaniei)
- [HEROES OF THE UNDERGROUND; the underground struggle of Soviet patriots behind the line of the German fascist occupation forces during the Great Patriotic War] Gerol podpol'ia; o podpol'noi bor'be sovetskikh patriotov v tylu nemetsko-fashistskikh zahvatnikov v gody Velikoi Otechestvennoi voiny. 2., ispr. i dop. izd. Moskva, Politizdat, No. 1. 1966. 574 p.
- [HISTORY OF THE MIDDLE AGES IN TWO VOLUMES] Istoriia srednikh vekov v dvukh tomakh. Moskva, Vysshala shkola. Vol. 1. Skazkin, S.D., and others, eds. 1966. 595 p. fold. maps (insert)
- IAKOVLEV, V.P. [Scouts] Razvedchiki. [Izd. 2.] Simferopol', "Krym," 1966. 194 p.
- IAROSHENKO, A.D. [Urli Mykhalovych Kotsiubyn's'kyi. Kyiv, Politydav Ukrainy, 1965. 123 p. (Borisi za Veliku spravu) (Neu)]
- IGAMBERDYEV, M.A. [Iran in international relations in the first third of the 19th century] Iran v mezhdunarodnykh otnosheniakh pervoi treli XIX veka. Samarkand, Izd-vo Samarkandskogo gos. univ., 1961. 206 p. (NIC)
- IL'NYTS'KYI, ROMAN. [Role of Ukrainians in America] Pryznachennia ukrainciv v Amerytsi. New York, 1965. 126 p. (NSyU)
- ISHMURATOV, ZHUMASH. [For the city of Lenin] Za gorod Lenina. Alma-Ata, Kazakhstan, 1964. 99 p. (MI)
- IZBEKOV, D.D. [Full bearer of the Order of Glory] Polnyi kavaler' ordena Slavy. Iakutsk, Iakutskoe knizhnoe izd-vo, 1965. 34 p. (CSI-II)
- KALININ, PEDAGOGICHESKII INSTITUT. [From the past and present of Kalinin Province; a collection of historical articles and regional studies] Iz proshlogo i nastoiashchego Kalininskoi oblasti; istoriko-kraevedcheskii sbornik. [Moskva] Mosk.rabochii, 1965. 337 p.
- KANIVETS, V.V. [Karmaliuk. Moskva, Molodala gvardia, 1965. 204 p. (Zhizn' zamechatel'nykh liudel. Seria biografii, no. 2)]
- KAZAN. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [From the history of Tataria; a collection of local lore] Iz istorii Tatarii; kraevedcheskii sbornik. Kazan', 1965. 317 p. (NNC)
- KHALFIN, N.A., and A.A. MURADIAN. [Yankes in the Orient in the 19th century or, a colonial system without an empire] Ianki na Vostoke v XIX veke, ili kolonializm bez imperii. Moskva, Mysl', 1966. 198 p.
- KHODZA, N.A. [The most humane man; stories about Lenin] Samyi chelovechnyi chelovek; rasskazy o Lenine. [Leningrad] Lentzdat, 1966. 101 p.
- KIRILLOV, P.P., and A.A. KHRENNIKOV. [While the heart was beating...] Poka bilos' serdse.... Tashkent, "Uzbekistan," 1965. 96 p. (CSI-II)
- KOLESNKOVA, N.N. [Along the paths of the underground; reminiscences] Po dorogam podpol'ia; iz vospominanii. Baku, Azernesht, 1966. 310 p.
- KRASNIKOV, S.V. [S.M. Kirov in Leningrad] S.M. Kirov v Leningrade. [Leningrad] Lentzdat, 1966. 166 p.
- KREZUB, ANTIN. [Outline history of the Ukrainian-Polish War of 1918-1919] Narys istorii ukrains'kopol's'koi voiny, 1918-1919. 2.vyd. New York, "Oko," Pt. 2. 1966. 179 p.
- KUBYSHEVA, ELENA. [Valerian Vladimirovich Kulbyshov; a sister's reminiscences] Valerian Vladimirovich Kulbyshov; vospominania sestry. Moskva, Gos. izd-vo det'skoi lit-ry, 1959. 188 p. (Shkol'nala biblioteka) (OU)
- KUBYSHEVA, G.V., and others. [Valerian Vladimirovich Kulbyshov; a biography] Valerian Vladimirovich Kulbyshov; biografiia. Moskva, Politizdat, 1966. 358 p.
- KURDGELASHVILI, SH.N. [The revolution of 1952 and the collapse of British rule in Egypt] Revoliutsiia 1952 g. i krakh britanskoi gosposdstva v Egipte. Moskva, Nauka, 1966. 158 p.
- KUTAI. GOSUDARSTVENNYI ISTORIKO-ETNOGRAFIKESKII MUZEI. [Kutaisi State Historical and Ethnographical Museum; a guidebook] Kutaiskii Gosudarstvennyi istoriko-etnograficheskii muzei; putevoditel'. Tbilisi, Sabchato Sakartvelo, 1965. 47 p.
- LASTOVICKA, BOHUSLAV. [In London during the war; reminiscences on the struggle for a new Czechoslovakia, 1939-1945. Translated from the Czech] V Londone vo vremena voyny; vospominania o bor'be za novuiu Chexoslovakiiu 1939-1945. Moskva, IMO, 1966. 252 p.
- [LENIN IS WITH US; a collection of documents and materials] Lenin s nami; sbornik dokumentov i materialov. Makiachkala, Dagestanskoe knizhnoe izd-vo, 1965. 86 p. (CSI-II)
- LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Practical work in the history of the U.S.S.R. course; themes and methodological instructions for the correspondence students of the History Department] Prakticheskie zaniatia po kursu istorii SSSR; tematika i metodicheskie razrabotki dlia studentov-zaochnikov istoricheskogo fakul'teta. Leningrad, 1965. 67 p.
- LEVANDOVSKI, A.P. [Robespierre] Robesp'er. Moskva, Molodala gvardia, 1965. 301 p. (Zhizn' zamechatel'nykh liudel. Seria biografii, no. 31(289))
- LEVKO, ROMEN. [The life of Hetman Mazepa] Zhytia Hetmana Mazepy. Toronto, Lastivka, 1959. 1 v. (chitofy litus.) (U)
- LIETUVOS TSR CENTRINIS VALSTYBINIS ARCHYVAS. [Mass murder in Lithuania, 1941-1944; collection of documents] Masines zudynes Lietuvoje (1941-1944); dokumentu rinkinys. Vilnius, Mintis, [In Lithuanian] Pt. 1. 1965. 345 p.
- LIETUVOS TSR CENTRINIS VALSTYBINIS ARCHYVAS. [Reestablishment of Soviet government in Lithuania in 1940-1941; a collection of documents] Tarybu valdizios atkurimas Lietuvoje 1940-1941 metais; dokumentu rinkinys. Vilnius, Mintis, 1966. 345 p. [In Lithuanian]
- LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. Ekonomikos institutas. [A quarter of a century on the road of socialism] Ketvirtis amziaus socializmo kelio. Vilnius, Mintis, 1965. 334 p. [In Lithuanian] (CSI-II)
- LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. Istorijos institutas. [History of the Lithuanian S.S.R.] Lietuvos TSR istorija. Vilnius, Mintis, [In Lithuanian] Vol. 3. Gaigalaitis, A., R. Sarmaitis, and J. Zilg-zda, eds. [From 1917 to 1940] Nuo 1917 iki 1940 metu. 1965. 406 p.
- LIUSTERNIK, E.IA. [Russian-Indian economic, scientific and cultural relations in the 16th century] Rusko-indijske ekonomicheskie, nauchnye i kul'turnye svyazi v XIX v. Moskva, Nauka, 1966. 222 p.
- MAKHINA, TU.IA., and G.E. KHAIT. [A boy from Simbirsk; documentary stories about V.I. Lenin's childhood and youth] Mal'chik iz Simbirskia; dokumental'nye rasskazy o detstve i iunosti V.I. Lenina. Moskva, Malyshe, 1966. 56 p.

- MARASINOVA, L.M. [New Pskov documents of the 14th-15th century] Nove pskovskie gramoty XIV-XV vekov. Pod red. A.M. Sakharaeva. [Moskva] Izd-vo Mosk. univ., 1966. 209 p.
- MARGULAN, A. KH., ed. [Ancient culture of central Kazakhstan] Drevnii kul'tura Tsentral'nogo Kazakhstana. [By] A. Kh. Margulan i dr. [Alma-Ata] Izd-vo "Nauka" Kazakhskoi SSR. [1966] 434 p.
- MARGUNSKII, S. P. [State building in the White Russian S.S.R. during the years of national economic reconstruction, 1921-1925] Gosudarstvennoe stroitel'stvo BSSR v gody vosstanovleniia narodnogo khoziaistva (1921-1925). Minsk, Nauka i tekhnika, 1966. 284 p.
- MARUNCHAK, M.H. [Canadian Terebovna: the place of the first Ukrainian Divine Service in Canada] Kanadits'ka Terebovna; mistse pershoi ukrains'koi Sluzhby Bozhoi v Kanadi. Winnipeg, Zahal'na biblioteka "UKT," 1964. 40 p. illus. map. (NN)
- MELEKHIN, I. A. [Along the roads of the taiga; reminiscences of a veteran of the civil war in the Far East] Taizhnyi tropami; vospominaniia uchastnika grazhdanskoi voyny na Dal'nem Vostoche. Khar'kov, Prapor, 1965. 253 p.
- NIKITNE, BASILE. [Kurds. Translated from the French] Kurdy. Vstup. stat'ia i red. I.O. Farizova. Moskva, Progress, 1964. 431 p. (PSt)
- [OUTLINE HISTORY OF THE KIROV ORGANIZATION OF THE CPSU] Ocherki istorii Kirovskoi organizatsii KPSS. [Kirov] Volgo-Viat'skoe knizhnoe izd-vo. Pt. 1. 1898-1918. 1965. 567 p.
- PEROV, A. A., A. N. SHTEN, and F. S. GRIGOR'EV. [Nikandr Semenovich Grigor'ev; a brief biography] Nikandr Semenovich Grigor'ev; biograficheskii ocherk. [Leningrad] Lenizdat, 1966. 109 p.
- PROKOF'EV, V. A. Zheleznov. [Izd. 2., ispr. i dop.] Moskva, Molodaia gvardiia, 1965. 365 p. (Zhizn' zamechatel'nykh liudei. Seriya biografii, no. 23) (CaOTU)
- RACKAUSKAS, KAZIMERAS. [For a better life; Adele Siaucunaitė] Tagyviaja gyvenimas; Adele Siaucunaitė. Vilnius, Mintis, 1965. 89 p. [In Lithuanian]
- ROSTOV-ON-DON. UNIVERSITET. [History of the Don from ancient times to the Great October Socialist Revolution] Istoriia Dona s drevneishikh vremen do Vel'koi Oktabr'skoi sotsialisticheskoi revoliutsii. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1965. 525 p. (ICU)
- RUBAKIN, A. N. [Over the river of time; reminiscences] Nad rekotu vremen; vospominaniia. Moskva, Mezhdunarodnye otnosheniia, 1966. 524 p.
- RUMIANTSEVA, N. S. [Friedrich Sorge, a man of resolute justice] Fridrikh Zorge - chelovek upramnoi spravedlivosti. Moskva, Mysl', 1966. 174 p.
- RUSANOVA, I. P. [Burial mounds of the Pollan tribe, from the 10th through the 12th centuries] Kurgany polian X-XII vv. Moskva, Nauka, 1966. 45 p. (Arkhelogiia SSSR; svod arkhelogicheskikh istochnikov, no. E1-24)
- RUSSIA (1923- U.S.S.R.) Tsentral'nyi gosudarstvennyi istoricheskii arkhiv. [The peasant movement in Russia, June 1907-July 1914; a collection of documents] Krest'ianskoe dvizhenie v Rossii Iun' 1907 g. - Iul' 1914 g.; sbornik dokumentov. Red. A. V. Shapkarin. Moskva, Nauka, 1966. 676 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachale XX veka)
- SADILENKO, A. M. [Militant youth] Iunost' boevaa. Moskva, DOSAAF, 1965. 97 p. (NJP)
- ["SARAI" and "SHALASH" IN RAZLIV; a guidebook] "Sarai" i "Shalash" v Razlive; putevoditel'. [Izd. 3., ispr. i dop. Leningrad] Lenizdat, 1965. 57 p. (NJP)
- SARIANIDI, V. I., and G. A. KOSHELENKO. [The past is behind the dunes] Za barkhanami - proshloe. Moskva, Nauka, 1966. 185 p. (Nauchno-populiarnaiia seriia)
- SAVICH, M. M. [Veteran of three revolutions] Veteran trekh revoliutsii. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 45 p. (CSI-II)
- SHAPOVAL, I. M. [In search of treasures] V poshukakh skarbiv. Kyiv, Dnipro, 1965. 322 p.
- SHOFMAN, A. S. [The Kazan period of the life and work of Dorzhi Banzarov] Kazanskii period zhizni i delatel'nosti Dorzhi Banzarova. Ulan-Ude, Buriat-Mongol'skoe izd-vo, 1966. 162 p. (mU)
- SIMONOVSKAIA, L. V. [Antifeudal struggle of Chinese peasants in the 17th century] Antifeodal'nai bor'ba kitaiskikh krest'ian v XVII veke. Moskva, Nauka, 1966. 340 p.
- SMOLENSK. OBLASTNOI KRAIEVEDCHESKII MUZEI. [A guidebook to the exhibition rooms on the history of the Smolensk region] Putevoditel' po zalam istorii Smolenskogo kraia. Smolensk, 1963. 94 p.
- STEPANOV, L. V. [Conflict in Hindustan and an agreement in Tashkent] Konflikt v Indostane i soglasenie v Tashkente. Moskva, Politizdat, 1966. 62 p.
- SUKHAREVA, O. A. [Bukhara in the 19th and 20th centuries; the cities of the late feudal period and their population] Bukhara XIX-XX v.; pozdnefeodal'nyi gorod i ego naselenie. Moskva, Nauka, 1966. 327 p.
- SUPRUNENKO, N. I. [Studies on the history of the civil war and foreign armed intervention in the Ukraine, 1918-1920] Ocherki istorii grazhdanskoi voyny i inostranoi voennoi interentsii na Ukraine (1918-1920). Moskva, Nauka, 1965. 454 p.
- SUVOROV, K. I. [Relocation of the center of the world revolutionary movement into Russia; on the 60th anniversary of the first Russian revolution] Pere-meshchenie tsentra mirovogo revoliutsionnogo dvizheniia v Rossiiu; k 60-letiiu pervoi russkoi revoliutsii. Moskva, Mysl', 1966. 52 p.
- [TIME, EVENTS AND PEOPLE; a chronicle of a glorious forty years] Vremia, sobytia, liudi; khronika slavnogo sorokoletiia. [Moskva, Gos. izd-vo izobraz. iskus., 1957. 8] p. (chiefly illus.)
- TOLOKOL'NIKOV, G. A. [Man of legend] Chelovek legendy. Moskva, Znanie, 1966. 110 p.
- TOISTAIA, A. L. [Glimmers in the darkness] Proble-ski vo t'me. Washington, D.C. 1965. 242 p. (NIC)
- TONISSON, EVALD. [Sites of ancient towns] Linnamed ja maalinmad. Tallinn, Eesti Raamat, 1960. 166 p. [In Estonian]
- [THE UKRAINIAN SOUL] Ukrains'ka dusha. New York, Knizh. [1956] 63 p. (Problemy, no. 1) (IU)
- [UL'YANOVSK, HOMETOWN OF V. I. LENIN; memorable places] Ul'ianovsk - rodina V. I. Lenina; pamiatnye mesta. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 238 p. (CSI-II)
- UZDAVINYS, VINCAS. [Pierchupis tragedy] Pierchupio tragedija. Treclasis pataisyas laidydas. Vilnius, Mintis, 1965. 70 p. [In Lithuanian]
- VETROV, I. D. [Brothers-in arms] Brat'ia po oruzhiu [Minsk] Belarus' [1965] 349 p. (CU)
- VINOGRADOV, S., comp. [Their simplicity and humanity] Ikh prostota i chelovechnost'. Izd. 2., dop. Moskva, Politizdat, 1966. 470 p.
- YAKUT A.S.S.R. Sovet Ministrov. Arkhivnyi otdel. [Yakut archives; a collection of articles and documents] Iakutskii arkhiv; sbornik statei i dokumentov. Iakutsk, Iakutskoe knizhnoe izd-vo, 1964. 221 p. (MH)
- ZELENIN, G. I., and A. F. FEDOROV. [Vasevotzhsk; from the history of the city] Vasevotzhsk; iz istorii goroda. [Leningrad] Lenizdat, 1966. 75 p.
- ZORKIN, V. I. [From the generation of the unbending; an historical reportage] Iz pokoleniia nesglabennykh; istoricheskii reportazh. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 81 p. (CSI-II)
- ZUBAR, ALIMPHADA, SOF'IA SADOUSKAIA, and BARYS STRAL'TSOV. [Operation "Little star"; a documentary tale] Operatsiia "Zorachka"; dokumental'naiia apovest'. Minsk, Belarus', 1966. 237 p.

5. SOCIAL SCIENCES

AKADEMIIA NAUK SSSR. Fundamental'nai biblioteka obshchestvennykh nauk. [Price determination in the national economy of the U.S.S.R. Price-determining factors. A bibliographic index of Soviet books and journals, as well as articles from "Pravda" and "Ekonomicheskai gazeta" for 1960-1964] Tseno-obrazovanie v narodnom khoziaistve SSSR. Tseno-obrazovushchie faktory. Bibliograficheskii ukazatel' knizhnoi i zhurnal'noi sovetskoi literatury, a takzhe statei iz "Pravdy" i "Ekonomicheskoi gazety" za 1960-1964 gg. Moskva, 1966. 227 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Principles of intraplan business accounting methods] Osnovy metodiki vnutrplanovskogo khozrascheta. Moskva, Ekonomika, 1966. 50 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Documents on the history of the Japanese village. Translated from the Japanese] Dokumenty po istorii japonskoi derevni. Moskva, Nauka. (Pamiatniki pis'mennosti Vostoka, no. 8, pt. 1) Pt. 1. [End of the 17th to the first half of the 18th century] Konets XVII-pervaya polovina XVIII v. 1966. 149 p.

AKSENOVA, Z. I. [Analysis of production and financial operations of an automotive transportation unit] Analiz proizvodstvenno-finansovoi delatel'nosti avtomobil'nogo khoziaistva. Moskva, Transport, 1966. 252 p.

AMURSKAYA OBLAST'. Statisticheskoe upravlenie. [Economy of Amur Province in 1963] Narodnoe khoziaistvo Amurskoi oblasti v 1963 godu. Khabarovsk, Statistika, 1965. 211 p.

ANDREEV, M. A. [Organization and planning for the finishing production in the cotton manufacturing industry] Organizatsiia i planirovanie otdel'nogo proizvodstva khlopchatobumaznoi promyshlennosti. Izd. 2., perer. i dop. Moskva, Legkaiia industriia, 1966. 433 p.

BALDANOV, B.-M. B. [Economic incentives for the efficient use of working capital in industry; based on materials of the ferrous metallurgy enterprises of the U.S.S.R. and a number of the industrial enterprises of the Buryat A.S.S.R.] Ekonomicheskoe stimulirovanie effektivnogo ispol'zovaniia oborotnykh sredstv v promyshlennosti; po materialam predpriatii chernoi metallurgii SSSR i ruda promyshlennykh predpriatii Buriatskoi ASSR. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 27 p.

BARABASHEV, G. V., V. I. BASKOV, and A. N. VASIL'EV. [Auxiliary policemen; a textbook for students of the faculties of the protection of the public order of people's universities] Narodnye družinniki; uchebnoe posobie dlia studentov fakul'tetov okhrany obshchestvennogo poriadka narodnykh universitetov pravovykh znani. Moskva, Znanie, 1966. 157 p. (Narodnyi universitet; Fakul'tet pravovykh znani, nos. 1/2)

[BEARERS OF THE "MINER'S GLORY" ORDER; essays] Kavaliery Shakhtskoi slavy; ocherki. Donetsk, Donbass, 1965. 124 p.

[BEAUTIFUL IN WORK, GENEROUS IN HEART] Krasivye trudom, shchedrye serdtsom. Chelovek, Chuvashskoe knizhnoe izd-vo, 1965. 165 p. (CSI-II)

BEDOV, P., and N. TUMANOV. [Kostroma Excavator Plant] Kostromskoi ekskavatoriini. Kostroma [Verkhne-Volzhskoe knizhnoe izd-vo] 1965. 63 p.

BELEN'KH, I. M. [Payments to collective and state farms for accepted grain and seeds] Raschety s kolhozami i sovkhazami za priimatie zerno i semena. Izd. 6., dop. i perer. Moskva, Kolos, 1966. 183 p.

- BELKIN, V.B., and G.N.KHOLODNOIA. [Principles of the organization and economics of industrial production] Osnovy organizatsii i ekonomiki promyshlennogo proizvodstva. Moskva, Vysshaya shkola, 1964. 239 p. (WU)
- BLATIN, M.A. [The mission of the Communist Youth League] Komsomol'skoe poruchenie. [Moskva] Molodaya gvardiia, 1966. 94 p. (Biblioteka komsomol'skogo aktivista)
- BOBOVIKOV, R.S., and A.P.DUMACHEV. [For high standards of production; from the work practices of the Leningrad party organization] Za vysokuyu kul'turu proizvodstva; iz opyta raboty Leningradskoi partiinoi organizatsii. [Leningrad] Lenizdat, 1966. 141 p.
- BOL'SHAKOVA, S.V. [We - that's you and I] My - eto i ty. [Moskva] Molodaya gvardiia, 1966. 92 p. (Biblioteka komsomol'skogo aktivista)
- BREZHNEV, L.I. [Speech at the 15th Congress of the Communist Youth League. Greetings of the Central Committee of the CPSU to the 15th Congress of the Communist Youth League] Rech' na XV s'ezde VLKSM. Privetstvie TsK KPSS XV s'ezdu VLKSM. Moskva, Molodaya gvardiia, 1966. 23 p.
- BRONER, D.L. [The housing problem and statistics] Zhilishchnyi vopros i statistika. Moskva, Statistika, 1966. 71 p. (Statistika dlia veshi)
- BUTAKOV, D.D., and V.I.BOCHKOVA. [Financing of technological progress in the Comecon countries] Finansirovaniye tekhnicheskogo progressa v stranakh SEV. Moskva, Finansy, 1966. 133 p.
- [THE COMMUNIST YOUTH LEAGUE SEARCHLIGHT] Komsomol'skii prozhektor. [Cheliabinsk] Iuzhno-Ural'skoe knizhnoe izd-vo, 1965. 77 p. (CST-II)
- [CONTROL BY THE PEOPLE; experience with the work of party-state control committees and auxiliary groups in the Donetsk basin] Dozor naroda; iz opyta raboty komitetov partiino-gosudarstvennogo kontrolya i grupp naselstva v Donbasse. Donetsk, Donbass, 1964. 67 p.
- [CONTROL IN THE LENINIST WAY] Kontrol' po-leninski. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 118 p. (CST-II)
- DANILOV, G.D. [Development of the economy and culture of Dagestan, 1945-1965] Razvitiye ekonomiki i kul'tury Dagestana (1945-1965 gg.). Moskva, Nauka, 1966. 305 p.
- DIDUSENKO, A.A., and A.P.SKRYPNIK. [Law of komsomol life] Zakon komsomol'skoi zhizni. [Moskva] Molodaya gvardiia, 1966. 124 p. (Biblioteka "Vstupivshchemu v komsomol")
- DIMIN, O.L. [Against the green serpent; true stories about the harm of drunkenness] Protiv zelenogo zmii; nevydumannyye rasskazy o vrede p'ianstva. Izd. 2, dop. Moskva, Meditsina, 1966. 53 p. (Nauchno-popul'narnaya literatura)
- DOKUCHAEV, G.A. [The working class of Siberia and the Far East on the eve of the Great Patriotic War, 1937-June 1941] Rabochii klass Sibiri i Dal'nego Vostoka nakanune velikoi Otechestvennoi voyny, 1937-iyun' 1941 gg. Otv. red. B.P.Orlov. Novosibirsk, Nauka, 1966. 186 p.
- DONETSK. NAUCHNO-ISSLEDOVATELSKII UGOL'NYI INSTITUT. [Temporary methodology for the procedure to be used in the calculation of norms for the consumption of basic types of materials used in mines and open pits of the coal industry] Vremennaya metodika o poradike rascheta norm rashoda osnovnykh vidov materialov, potreblayemykh na shakhtakh i kn'erakh ugol'noi promyshlennosti. Moskva, Nedra, 1966. 70 p.
- DRIZE, I.D. [How wages are organized in nonferrous metallurgy] Kak organizovana zarabotnaya plata v tsvetnoi metallurgii. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po Chernoi i tsvetnoi metallurgii, 1963. 63 p. (Nachal'naya ekonomicheskaya shkola) (WU)
- DRONOV, F.A. [Efficiency of the use of capital assets in industry] Effektivnost' ispol'zovaniya osnovnykh fondov promyshlennosti. Minsk, Nauka i tekhnika, 1966. 180 p.
- [ECONOMICS HANDBOOK FOR THE AGRICULTURAL PROPAGANDIST] Ekonomicheskiy spravochnik sel'skogo propagandista. Moskva, Politizdat, 1966. 380 p.
- [ECONOMICS OF SOVIET TRADE] Ekonomika sovetskoi torgovli; uchebnik. 4., perer. i dop. izd. Moskva, Politizdat, 1965. 446 p.
- EGIL'SKII, I.S. [Electronics in the municipal economy] Elektronaya tekhnika v gorodskom khoziaistve. Moskva, Stroizdat, 1966. 50 p. (Nauchno-popul'narnaya seriia)
- EZHOV, A.I. [System and methodology of the indices of Soviet statistics] Sistema i metodologiya pokazatelei sovetskoi statistiki. Moskva, Statistika, 1965. 371 p.
- FEDOTOVA, R.D., ed. [Problems of the effectiveness of capital investments in the national economy of the Moldavian S.S.R.] Voprosy effektivnosti kapital'nykh vlozhenii v narodnoe khoziaistvo MSSR. [By] R.Fedotova i dr. Kishinev, Karita moldovenaske, 1965. 99 p. (MH)
- [FINANCING OF THE NATIONAL ECONOMY] Finansirovaniye narodnogo khoziaistva. Moskva, Finansy, 1966. 302 p.
- GANIUSHKIN, V.A., and B.D.PANKIN. [Why there are five decorations on the Komsomol flag] Pochemu na znamenie komsomola plat' ordenov. [Moskva] Molodaya gvardiia, 1966. 79 p. (Biblioteka "Vstupivshchemu v komsomol")
- [GIANT OF THE HEAVY MACHINERY INDUSTRY] Gigant tiazhelego mashinostroeniia. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 164 p.
- GIL', G.K., and others. [Mechanized production processes in large postal centers] Mekhanizirovannyye proizvodstvennye protsessy v magistral'nykh uzlakh pochtovoi avtazii. Moskva, Sviaz', 1966. 87 p. (Biblioteka "Ekonomika avtazii")
- GLEZERMAN, G.E. [Correlation of the objective conditions and the subjective factor in the building of communism] Sootnosheniye ob'ektivnykh uslovii i sub'ektivnogo faktora v stroitel'stve kommunizma. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosofiya, no. 10)
- GLUSHIKOV, A.A. [Lenin's plan for the approach to socialist construction and the struggle of the party for its realization] Leninskiy plan pristupa k sotsialisticheskomu stroitel'stvu i bor'ba partii za ego osushchestvleniye. [Saratov] Izd-vo Saratovskogo univ., 1964. 85 p. (CST-II)
- GOFMAN, G.A., and P.I.NOVOSELOV. [Financing, issuing credit to and analyzing the activity of trade organizations] Finansirovaniye, kreditovaniye i analiza khoziaistvennoi deiatelnosti torgovykh organizatsii. Moskva, Finansy, 1966. 247 p.
- GOLENKO, D.I., and others. [Automation of planning and management of the new developments] Avtomatizatsiya planirovaniia i upravleniia novymi razrabotkami. Riga, Zvaigzne, 1966. 100 p.
- GRADOV, G.L. [Specialization and comprehensive development of the Southern Economic Region of the U.S.S.R.] Spetsializatsiia i kompleksnoe razvitiye Iuzhnogo ekonomicheskogo raiona SSSR. Kiev, Naukovadumka, 1965. 158 p.
- [INSTRUCTION ON THE ESTABLISHMENT OF NORMS FOR THE WORKING CAPITAL OF STATE CONTRACTING CONSTRUCTION ORGANIZATIONS] Instruktsiia o normirovani i oborotnykh sredstv gosudarstvennykh podriadnykh stroitel'nykh organizatsii. Izdanie ofitsial'noe. Moskva, Stroizdat, 1966. 70 p.
- IUDENICH, N.V., and N.I.IAKOVLEVA. [Statistics of construction] Statistika stroitel'stva. Moskva, Stroizdat, 1966. 266 p.
- IZAKOV, B.R. [Everything changes, even in England] Vse meniaetsia dazhe v Anglii. Moskva, Sovetskii pisatel', 1965. 220 p. (NCC)
- KALILETS, G.I.A. [People's controllers] Dozornyye naroda. Minsk, Belarus', 1965. 34 p.
- KAPELIAN, E.KH. [Overcoming the essential differences between intellectual and physical work] Predoleniye sushchestvennykh razlichii mezhdu umstvennym i fizicheskim trudom. Minsk, Nauka i tekhnika, 1966. 136 p.
- KHABAROVSK. INSTITUT INZHENEROV ZHELEZNO-DOROZHNOGO TRANSPORTA. [Problems of scientific communism] Voprosy nauchnogo kommunizma. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1965. 230 p. (CST-II)
- KHARKOV. UNIVERSYTET. [Development of socialist economy in the postwar period] K voprosam razvitiia sotsialisticheskoi ekonomiki v poslevoynnyi period. Khar'kov, 1964. 184 p. (CST-II)
- KLEBANOV, I.F. [Combinatorial method for solving a class of problems on the distribution of enterprises] Kombinatornyi metod resheniia odnogo klassa zadach razmeshcheniia predpriatii. Minsk, [Redaktsionno-izdatel'skii Sovet Vychislitel'nogo tsentra pri Gosplane BSSR] 1965. 17 p.
- KOSYGIN, A.N. [State plan for the development of the national economy of the U.S.S.R. in 1966; a report and closing address at the Fifth Session of the Sixth Supreme Soviet of the U.S.S.R., December 9-11, 1964] O gosudarstvennom plane razvitiia narodnogo khoziaistva SSSR na 1966 god; doklad i zaklyuchitel'noe slovo na plati sessi Verkhovnogo Soveta SSSR shestogo sozyva 9 i 11 dekabria 1964 gada. Moskva, Politizdat, 1965. 82 p.
- KOZLOVA, K.N. [Monopolies and their bourgeois critics; on the economic views of the ideologists of the nonmonopolistic bourgeoisie of the U.S.A.] Monopolii i ikh burzhuaznye kritiki; ob ekonomicheskikh vzglyadakh ideologov nemonopolisticheskoi burzhuazii SShA. Moskva, Mysl', 1966. 226 p.
- KRASNOGAR. KRAEVAIA BIBLIOTEKA. [Communism is created by the labor of millions; methodological and bibliographic materials for libraries as an aid to the development of the movement for communist labor] Kommunizm sozdatsia trudom millionov; metodicheskie i bibliograficheskie materialy dlia bibliotek v pomoshch' razvitiu dvizheniia za kommunisticheskiy trud. Krasnodar, Sovetskii Kuban', 1964. 22 p. (CST-II)
- KUCHIKINA, O.A. [There will be no record of proceedings] Protokol ne budet. [Moskva] Molodaya gvardiia, 1966. 92 p. (Biblioteka komsomol'skogo aktivista)
- KUDRIKOV, V.M. [In the struggle for a further rise in the living standard of workers, 1959-1963] V bor'bu za dal'neshii pod'em zhiznennogo urovnia trudiashchikhsia, 1959-1963 gg. Tashkent, "Uzbekistan", 1965. 124 p. (CST-II)
- KULIEV, RZA. [In the name of peace and freedom; international cultural ties of Soviet Azerbaijan] Vo imia mira i družby; mezhdunarodnye kul'turnyye svyazi Sovetskogo Azerbaidzhana. Baku, Azerbaidzhanskoe gos.izd-vo, 1966. 172 p.
- KUZNETSOVA, M.F., P.NOSKOV, and V.SELIUNIN. [Secrets of a firm] Sekrety firmy. Moskva, Politizdat, 1966. 40 p.
- LAUTA, S.P. [Collective-farm peasantry of the Soviet Ukraine during the Great Patriotic War] Kolhospne selianstvo Radians'koi Ukrainy u roky Velykoi Vitchyznanoi voiny. Kyiv, Vyd-vo K'lyv's'koho univ., 1965. 200 p. (CST-II)
- LETENKO, V.A., ed. [Operation planning for production in a machinery manufacturing plant] Operativnoe zaplanirovaniye proizvodstva na mashinostroitel'nom zavode. [By] V.A.Letenko i dr. Moskva, Mashinostroenie, 1966. 351 p. (Inzhenerno-ekonomicheskaya monografiia)
- LETENKO, V.A., and L.A.RADUSHINSKII. [Organization and planning for production in plants manufacturing textile machinery] Organizatsiia i planirovaniye proizvodstva na zavodakh tekstil'nogo mashinostroeniia. Moskva, Mashinostroenie, 1966. 471 p.

- [LIKE BROTHERS: DONETSK - MAGDEBURG; a collection of essays, reports, and correspondence on the friendly relations between the workers of the Magdeburg District and Donetsk Province]. Pobratimiy: Donetsk - Magdeburg; sbornik ocherkov, reportazhiv, korespondentskiy o druzhnykh svyazakh truzhenikov Magdeburgskogo okruga i Donetskoi oblasti. Donetsk, Donbass, 1965. 203 p.
- LIVSHITS, S. B. [Organization of the dispatching service in a branch industrial combine] Organizatsiya dispetcherskoi sluzhby otraslevogo proizvodstvennogo ob'edineniya. Leningrad, 1965. 38 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Ekonomika, organizatsiya i planirovaniye proizvodstva)
- LOKSHIN, E. I. U. [Supply of materials and equipment in socialist production] Material'no-tekhnicheskoe snabzheniye sotsialisticheskogo proizvodstva. 3., znachitel'no dop. i perer. izd. Moskva, Mosk. in-t narodnogo khoz., 1966. 279 p.
- LOLA, M. [Labor productivity in building communism] Darbo namemas komunizmo statyboje. Vilnius, Mintis, 1965. 54 p. [In Lithuanian]
- LOSHCHAKOV, K. A., and A. M. KONONENKO. [Methods for conducting theoretical training in the course "Traffic regulations on the streets and roads of the U. S. S. R." Metodika provedeniya teoreticheskikh zaniatii po kursu "Pravila dvizheniya po ulitsam i dorogam Sovetskogo Soyuza." Moskva, Vysshaya shkola, 1966. 83 p.
- LUK'IANOV, I. A. [I believe in you, man; diaries of a police commissar] Veru v tebya, chelovek; zapiski komissara militsii. Leningrad, Lentsdat, 1965. 177 p.
- MAIER, E. [Tallin Machinery Plant, 1865-1965; the worker steps through the years and centuries. Translated from the Estonian] Tallinskii mashinostroitel'nyi zavod, 1865-1965; rabochii shagnet skvoz' gody stoletiya. Tallinn, Eesti Raamat, 1965. 145 p.
- MALASHKOVA, L. A. [Those personally responsible] Asabista adkaznyia. Minsk, Belarus', 1966. 30 p. (Baltyskii prirednaya kraiu)
- [MANUAL FOR WORKERS IN PIONEER CAMPS] Spravochnik rabotnika pionerskogo lageria. [Moskva] Profizdat, 1966. 125 p. (Biblioteka profsoiuznogo aktivista, no. 9(129))
- [MANUAL ON THE WORKING CONDITIONS FOR AGRICULTURAL WORKERS OF THE R. S. F. S. R.] Spravochnik po usloviyam truda rabotnikov sel'skogo khoziaistva RSFSR. Moskva, Rossel'khozizdat, 1966. 429 p.
- MATVEEV, V. F., and L. G. MATVEEVA. [99 advices for one summer] 99 sovetov na odno leto. [Moskva] Molodata gardia, 1966. 127 p.
- MESHCHEROV, V. I. [Always with the grain growers] Vsegda s khiborobami. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1965. (CST-II)
- MEKHEVA, V. S. [Mathematical methods in the planning of the distribution of agricultural production] Matematicheskie metody v planirovanii razmeshcheniya sel'skokhoziaistvennogo proizvodstva. Moskva, Ekonomika, 1966. 101 p.
- MINASUEVA, N. P., and A. M. SAVVENA. [Organization and planning for labor in the enterprises of the All-Union Association for Distribution of Periodicals] Organizatsiya i planirovaniye truda v predpriyatiakh Soluzpechali. Moskva, Svyaz', 1966. 78 p. (Biblioteka "Ekonomika svyazi")
- MINEVSKII, A. I. [Accounting and analysis of overall expenditures in industry] Uchet i analiz kompleksnykh zatrat v promyshlennosti. Moskva, Fhansy, 1966. 111 p.
- MIROSHNIKOV, V. D., and others. [The piecework-bonus wage system on state farms] Akkordno-premiial'naya sistema opłaty truda v sovkhkhkh. Pod red. F. M. Ovchinnikova. Moskva, Rossel'khozizdat, 1966. 106 p.
- MITINA, S. I. [Calculation of the production personnel in the line systems of communication enterprises] Raschet proizvodstvennogo shiata v lineinom khoziaistve svyazi. Moskva, Svyaz', 1966. 43 p. (Biblioteka "Ekonomika svyazi")
- MIZARIENE, IEVA. [Exciting meetings] Jaudinantys susitikimai. Vilnius, Mintis, 1965. 122 p. [In Lithuanian]
- MOISEENKO, I. G. [Auxiliary processes and labor productivity in the machinery industry] Vspomogatel'nye protsessy i proizvoditel'nost' truda v mashinostroenii. Minsk, Nauka i tekhnika, 1964. 180 p.
- MOROZOV, N. V. [With a sharp eye] Zorkim glazom. Syktyvkar, Komi knizhnoe izd-vo, 1965. 28 p. (CST-II)
- MOSCOW. AKADEMIA ODSHCHESTVENNYKH NAUK. [From the history of the Soviet intelligentsia] Iz istorii sovetskoi intelligentsii. Moskva, Mysl', 1966. 221 p.
- MOSCOW. INSTITUT KOMPLEKSNYKH TRANSPORTNYKH PROBLEM. [Method of calculation and the economic indices for the distribution of conveyance among types of transport] Metodika raschetov i ekonomicheskie pokazateli dlia raspredeleniya perevozok raznykh vidami transporta. Pod red. V. I. Dmitrieva. Moskva, Transport, 1966. 523 p.
- MOSCOW. INSTITUT NARODNOGO KHOZIAISTVA. Kafedra ekonomiki promyshlennosti. [Chemicalization of U. S. S. R. industry] Khimizatsiya promyshlennosti SSSR. Pod red. L. I. Ilina. Moskva, 1965. 132 p.
- MOSCOW. INSTITUT NARODNOGO KHOZIAISTVA. Kafedra organizatsii i planirovaniya promyshlennykh predpriyati. [Album of visual aids for the course on the "Organization and planning of industrial enterprises"] Album nagladnykh posobii po kursu "Organizatsiya i planirovaniye promyshlennykh predpriyati." Nauchn. red. S. E. Kamenitsers. Moskva, 1966. 174 p.
- MOSCOW. MOSKOVSKAYA SEL'SKOKHOZIAISTVENNAIA AKADEMIA IMENI K. A. TIMIRIAZEV. Kafedra ekonomiki sotsialisticheskogo sel'skogo khoziaistva. [Social security of collective-farm members in the U. S. S. R.] Sotsial'noe obespecheniye chlenov kol'khovov v SSSR. Razrabotano A. G. Pervushinym. Moskva, 1965. 38 p.
- MOSCOW. NAUCHNO-ISSLEDOVATELSKII KON'UNKTURNYI INSTITUT. [Tables for computing the annual rates of increase] Tablitsy dlia ischisleniya srednegodovykh tempov prirosta. Moskva, 1966. 40 p.
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA. Spravochno-bibliograficheskii otdel. [Material self-interest and its role in the development of socialist agriculture; a bibliographic list of Soviet literature for 1964-1965 comprising 548 items] Material'naya zainteresovanost' i ee rol' v razvitiu sotsialisticheskogo sel'skogo khoziaistva; bibliograficheskiy spisok otechestvennoi literatury za 1964-1965 gg. v koichestve 548 nazvaniy. Moskva, 1966. 64 p.
- MOSCOW. TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [Norms for the number of workers engaged in the repair of technical equipment in petroleum refinery plants] Normativy chislenosti rabochikh, zaniatykh na remonte tekhnologicheskogo oborudovaniya neftepererabatyvushchikh zavodov. 2. izd. Moskva, 1965. 69 p.
- MOSCOW. UNIVERSITET. Kafedra politicheskoi ekonomii gumanitarnykh fakul'tetov. [Textbook for a course in political economy for evening and correspondence school students of State Moscow University] Uchebnoe posobie po kursu politicheskoi ekonomii dlia studentov vechernego i zaocnogo obucheniya MGU. [Moskva] Izd-vo Mosk. univ. No. 4. [Socialist means of production] Sotsialisticheskiy sposob proizvodstva. Part 1. 1964. 224 p.
- MOSKOV, I. A. [The grain problem during the years of massive collectivization of agriculture in the U. S. S. R., 1928-1932] Zernoaya problema v gody sploshnoi kollektivizatsii sel'skogo khoziaistva SSSR (1928-1932 gg.). [Moskva] Izd-vo Mosk. univ., 1966. 220 p.
- MOSKALENKO, A. A. [Organization of labor and wages in integrated brigades in lumbering] Organizatsiya truda i zarabotnoi platy v kompleksnykh brigadakh na lesozagotovkakh. Moskva, Lesnaya promyshlennost', 1966. 71 p.
- [NATIONAL ECONOMY OF THE KAZAKH S. S. R. IN 1960 AND 1961; a statistical abstract] Narodnoe khoziaistvo Kazakhskoi SSR v 1960 i 1961 gg.; statisticheskii sbornik. Alma-Ata, Gosstatizdat, 1963. 543 p.
- NEPOMNIN, O. E. [Genesis of capitalism in the agriculture of China] Genezis kapitalizma v sel'skom khoziaistve Kitaya. Moskva, Nauka, 1966. 270 p.
- NIKOLAEVA, I. I., and I. A. V. FARFEL'. [Labor organization, establishment of norms, and wages; from the practice of Moscow building materials enterprises] Organizatsiya normirovaniya i oplata truda; iz opyta moskovskikh predpriyati stroitel'nykh materialov. Moskva, Stroiizdat, 1965. 162 p.
- NORTH OSSETIAN A. S. S. R. Arkhivnyi otdel. [Reconstruction period in North Ossetia, 1921-1925; a collection of documentary materials] Vosstanovitel'nyi period v Severnoi Osetii, 1921-1925 gg.; sbornik dokumentov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1965. 370 p.
- NOVIK, G. B. [Organizing the work of a technological laboratory (experimental shop) at a sewing factory] Organizatsiya raboty tekhnologicheskoi laboratorii (eksperimental'nogo tsekhia) na shveinoi fabrike. Kiev, In-t tekhn. Informatsii, 1964. 58 p.
- OBSCHESTVO "ZNANIE" LITOVSKOI SSR. [25 years of Soviet Lithuania] 25 let Sovetskoi Litvy. Vilnius, 1965. 54 p.
- ODESSA. KREDITNO-EKONOMICHESKII INSTITUT. [Problems of applied economics] Voprosy konkretnoi ekonomiki. [Kiev] Izd-vo Kievskogo univ., 1964. (CST-II)
- OLDAK, P. G. [Interdependence of production and consumption; criteria and evaluations] Vzaimosvyez' proizvodstva i potrebleniya; kriterii i otsenki. Moskva, Ekonomika, 1966. 157 p.
- [ON NEW PATHS...] Na novykh dorogakh... Moskva, Politizdat, 1966. 157 p.
- OSMANOV, GAMID. [Collectivization of agriculture in the Dagestan A. S. S. R.; a brief historical sketch] Kollektivizatsiya sel'skogo khoziaistva DASSR; kratkii istoricheskii ocherk. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1961. 153 p. tables. (III)
- PAKHOMOVA, L. F. [National capital in the economy of Indonesia] Natsional'nyi kapital v ekonomike Indonezii. Moskva, Nauka, 1966. 160 p.
- PASHKEVICH, B. V., and F. I. GILITSKII. [Material incentives for labor productivity in industry] Material'noe stimulirovaniye proizvoditel'nosti truda v promyshlennosti. Minsk, Belarus', 1966. 172 p.
- PEGOV, S. S., and S. N. ALITOVSKII. [Iraq] Irak. Moskva, Mysl', 1966. 173 p. (Sotsial'no-ekonomicheskie problemy razvivayushchikh stran)
- [PEOPLE OF TOMORROW] Rytojaus žmones. Vilnius, Mintis, 1966. 108 p. [In Lithuanian]
- PIARMIK, LAIHEN. [The ABC's of our life] Azbuka nashaya zhytistsia. Minsk, Belarus', 1965. 118 p.
- PIGGOT, S. G. [Automation of the management of enterprises of the chemical industry] Avtomatizatsiya upravleniya predpriyatiimi khimicheskoi promyshlennosti. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no. 10)
- [PROBLEMS OF THE FORMATION OF THE NEW TYPE OF SOVIET WORKER UNDER CONDITIONS OF AUTOMATION] Voprosy formirovaniya novogo tipa sovetskogo rabotnika v usloviyakh avtomatizatsii; sbornik statei. [Saratov] Izd-vo Saratovskogo univ., 1965. 166 p. (CST-II)
- PYLYPENKO, LEV. [Shadows of the past; collected stories, novellas, and sketches] Tini mynulogo; zbirka opovidan', noveli ta narisatv. Philadelphia [Vyd-vo "Ameryka"] 1965. 190 p.
- RAKITSKII, B. V. [Public consumption funds as an economic category] Obschestvennye fondy potrebleniya kak ekonomicheskaya kategoria. Moskva, Mysl', 1966. 180 p.
- REKSN, V. E. [Methods of network analysis in industrial management] Metody selektsionnogo analiza v upravlenii proizvodstvom. Moskva, Ekonomika, 1966. 56 p. (Biblioteka khoziaistvennogo rukovoditel'ia)

- ROZALIEV, I. N. [Classes and class struggle in Turkey; bourgeois and proletarian] *Klassy i klassovaya bor'ba v Turtsii; burzhuaziya i proletariat*. Moskva, Nauka, 1966. 165 p.
- ROZENMAN, E. S., ed. [Problems of the economic efficiency of capital investments and new equipment] *Voprosy ekonomicheskoi effektivnosti kapital'nykh vlozhenii i novoi tekhniki; sbornik materialov*. Moskva, Mosk. energ. in-t, 1966. 94 p.
- RÜHLE, OTTO. [Bread for six billions; mankind at the threshold of the third millennium; problems, forecasts, prospects. Translated from the German] *Khleb dlia shesti milliardov; chelovechestvo na poroge tret'ego tysyacheletia; problemy, prognozy, perspektivy*. Pod obshech. red. M. I. A. Lemesheva. Moskva, Progress, 1965. 310 p. (NC-D)
- RUNOV, B. B. [The "United Africa Company"] *"United Afrika Kompani."* Moskva, Nauka, 1966. 171 p.
- SAKOV, M. P. [Combining material and moral incentives in industrial development] *Sochetanie material'nykh i moral'nykh stimulov v razviti proizvodstva*. Moskva, Mysl', 1966. 66 p.
- SAMKIBULO, G. M. [Capital assets and the efficiency of their use] *Osnovnye fondy i effektivnost' ikh ispol'zovaniia*. Leningrad, 1966. 38 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Obmen pereodovym proizvodstvennym i nauchno-tekhnicheskimi opytom i derevobrabatvushchego promyshlennosti)
- SARATOV. EKONOMICHESKII INSTITUT. [Collection of articles by young scientific workers] *Sbornik statei molodykh nauchnykh rabotnikov*. Saratov, Kommunist, 1964. 187 p. (CSI-II)
- SAVELICHEV, A. A. [The Mudretsov dynasty] *Dinastiia Mudretsovykh*. Minsk, Belarus', 1966. 37 p. (Boitsy porednego krata)
- [SCOUTS FROM MIRNYI; about people of communist labor in the village] *Razvedchiki iz Mirnogo; o ljudakh kommunisticheskogo truda na pole*. [Ul'ianovsk] Ul'ianovskoe knizhnoe izd-vo, 1963. 37 p.
- SEDSYSHEV, I. A. [Differential rent and the leveling of the economic conditions of the management of collective farms] *Differentsial'naya renta i vyravniwanie ekonomicheskikh uslovii khoziaistvovaniia kollektizov*. Moskva, Ekonomika, 1966. 221 p.
- SHAGALOV, G. I. [Economic efficiency of barter among socialist countries] *Ekonomicheskaya effektivnost' tovarnogo obmena mezhdia sotsialisticheskimi stranami*. Moskva, Mysl', 1966. 206 p.
- SHIRVINDT, B. E., ed. [The teacher and the Pioneers; the educational guidance of the work of a Pioneer unit] *Uchitel' i pionery; o pedagogicheskoi rukovodstvo detstva i pionerskogo otrada*. Moskva, Prosveshchenie, 1966. 146 p.
- SS'KOV, V. I. [Statistical measurement of production quality] *Statisticheskoe izmerenie kachestva produktsii*. Moskva, Statistika, 1966. 165 p.
- SKRIPNIK, P. M. [Machines do the calculating; experience in the mechanization of accounting and engineering calculations in enterprises of the Donets Economic Council] *Schitatat mashiny; iz opyta mekhanizatsii ucheta i inzhenerno-vychislitel'nykh rabot na predpriatiiakh Donetskogo sovnarkhoza*. Donetsk, Donbass, 1964. 68 p.
- [SOCIALIST PLEDGES OF THE AGRICULTURAL TOILERS OF THE UZBEK S.S.R. FOR 1964] *Uzbekiston SSR kishlok khuzhalik mekhanizatsiatsiatsii 1964 ilga olgan sotsialistik mazburatlarlari*. Toshkent, Uzdnovashir, 1964. 48 p. [In Uzbek]
- SOVESHCHANIIE PO SOVREMENNIM PROBLEMAM MATERIALISTICHESKOI DIALEKTIKI. Moskva, 1965. [Dialectics of the material and intellectual life of society in the period of the building of communism; materials] *Dialektika material'noi i dukhovnoi zhizni obshchestva v period stroitel'stva kommunizma; materialy*. Moskva, Nauka, 1966. 271 p. (Sovremennye problemy materialisticheskoi dialektiki)
- STAROVEROV, V. I. [Our number is growing] *Nas stanovitsia bolshe*. [Moskva] Molodai gvardiia, 1966. 94 p. (Biblioteka komсомольskogo aktivista)
- STATISZTIKAI TUDOMÁNYOS KONFERENCIA, Budapest, 1961. [Balances of interbranch relations; their compilation and use. Reports of Section "A." Translated from the Hungarian] *Balansy mezhotraslevykh svyazei; postroenie i primenenie*. [Doklady sektsii "A."] Pod red. O. D. Protserko. [Moskva] Statistika, 1966. 255 p.
- STEIN, OTTO. [Philosophy and sociology of the Estonian bourgeoisie] *Eesti kodanluse filosoofia ja sotsioloogia*. Tallinn, "Eesti Raamat," 1965. 107 p. [In Estonian]
- [SUMMERTIME OF THE PIONEERS] *Leto pionerskoe*. [Moskva] Molodai gvardiia, 1966. 191 p. (Dlia tekhn. kto rabotaet s pionerami)
- SURMILO, G. V. [Economics of the construction of mining enterprises] *Ekonomika stroitel'stva gornykh predpriatii*. Moskva, Nedra, 1965. 234 p.
- SUSHINOV, A. I. [Village windows] *Derevenskie okna*. [Vologda] Severo-Zapadnoe knizhnoe izd-vo, 1966. 103 p.
- TARNOVSKII, O. I. [Profit and its use; practices of the European socialist countries] *Pribyl' i ee ispol'zovanie; opyt evropeiskikh stran sotsializma*. Moskva, Ekonomika, 1966. 99 p.
- TEREKHOV, V. F. [Determining the economic efficiency of capital investments in socialist countries] *Opredelenie ekonomicheskoi effektivnosti kapital'nykh vlozhenii v sotsialisticheskikh stranakh*. Moskva, Ekonomika, 1966. 181 p.
- TIKHONOV, D. I. [Economy and the social system of the Uigur state in the 10th-14th centuries] *Khoziaistvo i obshchestvennyi stroi Ugurskogo gosudarstva X-XIV vv.* Moskva, Nauka, 1966. 285 p.
- TRAVINSKII, V. M. [The republic of slave-owners; the Republic of South Africa] *Respublika rabotodol'tsov; Iuzhno-Afrikanskaiia Respublika*. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. VII Seriya: Mezhdunarodnaya, no. 10)
- TSELYKOVSKAIA, E. A. [Turnover time in trade and ways of reducing it] *Vremia obrashcheniia v torgovle i put ego skrascheniia*. [Leningrad] Izd-vo Leningr. univ., 1966. 126 p.
- UCHASTKINA, Z. V., and G. B. KASPAROV. [Economics, organization, and planning for woodpulp-paper production] *Ekonomika, organizatsiia i planirovanie tseluluzno-bumaznogo proizvodstva*. Izd. 2., perer. i dop. Moskva, Leningr. promyshlennost', 1966. 324 p.
- VAGANOV, D. I. [At the sources] *U istokov*. [Vologda] Severo-Zapadnoe knizhnoe izd-vo, 1965. 101 p. (CSI-II)
- VILNA. PARTIJOS ISTORIJS INSTITUTAS. [Work and life in the communist way; documents and materials on the communist labor movement in Soviet Lithuania, 1958-1964] *Dirbti ir gyventi komunistiskai; dokumentai ir medzaga apie judajima uz komunistini darba Tarybu Lietuvoje (1958-1964)*. Vilnius, Mintis, 1965. 331 p. [In Lithuanian]
- VOLGOGRAD. PEDAGOGICHESKII INSTITUT. [Problems of the workers' movement in Germany in recent times] *Voprosy rabochego dvizheniia v Germanii v novieshee vremia*. Volgograd, Izd-vo Saratovskogo univ., 1965. 132 p. (CSI-II)
- VOLKOV, I. E. [Thus communist self-government is being born; experience in concrete sociological research] *Tak rozhdaetsia kommunisticheskoe samoupravlenie; opyt konkretno-sotsiologicheskogo issledovaniia*. Moskva, Mysl', 1965. 238 p. (Sotsiologiya i zhizn')
- ZAGLADA, N. G. [Life, work, and thoughts] *Zhizn', trud, razdum'ia*. Kiev, Gos. izd-vo polit. lit-ry USSR, 1963. 114 p. (NIC)
- ZAKHMATOVA, M. R. [Expansion of the private capital of the U.S.A. in Western Europe] *Ekspansia chastnogo kapitala SSHA v Zapadnoi Evrope*. [Moskva] Izd-vo Mosk. univ., 1966. 185 p.
- ZARUDNYI, N. N., and KRASIL'SHCHIKOV, B. S. [Accounting in an industrial enterprise; accounting for the cost of production] *Bukhgalterskii uchët v promyshlennom predpriatii; uchët proizvodstvennykh zatrat*. Moskva, Finansy, 1966. 154 p.
- ZHADOV, V. P., and V. F. KOTOV. [Planning for the cost of industrial production according to the factors involved] *Planirovanie sebestoimosti promyshlennoi produktii po faktoram*. Moskva, Ekonomika, 1966. 141 p.
- ZIN'KOVSKII, M. M. [Public Scientific Research Institute of Labor Protection] *Obshchestvennyi nauchno-issledovatel'skii institut okhrany truda*. [Moskva] Profizdat, 1964. 60 p. (CSI-II)
- ZUZIK, D. T. [Economics of water management] *Ekonomika vodnogo khoziaistva*. 2. izd., perer. Moskva, Kolos, 1966. 462 p. (Uchebniki i uchebnye posobiia dlia vysshikh sotsialisticheskikh uchebnykh zavedenii)

6. POLITICAL SCIENCE

AKADEMIJA NAUK SSSR. Institut gosudarstva i prava. [Bourgeois constitutions during the period of the general crisis of capitalism] *Burzhuaznye konstitutsii v period obshchego krizisa kapitalizma*. Moskva, Nauka, 1966. 334 p.

AKADEMIJA NAUK SSSR. Institut Latinskoi Ameriki. [Latin America and present-day international relations; scientific conference] *Latinskaiia Amerika i sovremennye mezhdunarodnye otnosheniia; nauchnaia konferentsiia*. [Moskva, 1965] 46 p. (NNC)

BARDAGOVA, L. E. [Communism and nations; an aid to correspondence students] *Kommunizm i natsii; v pomoshch' studentu-zachniku*. Dnepropetrovsk, Dnepropetrovskii gos. univ., 1964. 16 p. (CSI-II)

BERGER, A. K. [Political thought of the ancient Greek democracy] *Politicheskaya mysl' drevnegrecheskoi demokratii*. Moskva, Nauka, 1966. 357 p.

[THE CPSU IN THE FINAL STAGE OF THE BUILDING OF SOCIALISM, 1945-1958] *KPSU na zavershalushchem etape stroitel'stva sotsializma (1945-1958 gody)*. [By G. A. Deborin i dr.] Moskva, Politizdat, 1966. 107 p. (Molodomu kommunistu ob istorii KPSU)

DATLIN, S. V. [Africa yesterday and today] *Afrika vchera i segodnia*. Moskva, Znanie, 1966. 29 p.

DOMASEVICIUS, KESTUTIS. [Development of Soviet Lithuanian statehood] *Tarybinio valstybingumo vystymasis Lietuvoje*. [Vilnius, Mintis, 1966] 105 p. [In Lithuanian]

ESAIAN, A. A. ["The Armenian question" and international diplomacy. "Armenian question" and international diplomacy. "Armenian question" and international diplomacy] *"Armianskii vopros" i mezhdunarodnaya diplomatiia*. Erevan "Mik", 1965. 373 p. [In Armenian]

FEDOROV, G. N. [History of the Simbirsk Bolshevik Organization of the Russian Social Democratic Party] *K istorii Simbirskoi bolshevistskoi organizatsii RSDRP*. [Saratov] Privolzhskoe knizhnoe izd-vo, 1964. 66 p. (MII)

GASKA, IGNAS. [They grew up in struggle] *Kovai augintiniai*. Vilnius, Vaga, 1965. 201 p. [In Lithuanian]

GENTS, N. N. [Commissars of the 1000's] *Komissary 60-kh godov*. [Moskva] Molodai gvardiia, 1966. 93 p. (Biblioteka komсомольskogo aktivista)

GUSEV, K. V. [Bankruptcy of the petty-bourgeois parties in the U.S.S.R.] *Krakh maloburzhuznykh partii v SSSR*. Moskva, Znanie, 1966. 93 p. (Novoe v zhizni, nauka, tekhnika. I Seriya: Istoriia, nos. 9/10)

- HALL, GUS. [End the cold war. Translated from the English] *Pokonehit' s "kholodnoi voynoi."* Moskva, Gos. izd-vo polit. lit-ry, 1963. 55 p. (NoD)
- HRUSHKO, O. S. [Imperialism as the only source of the danger of war] *Imperializm - jedyno dzherelo voiennoi nebezpeky.* Kyiv, 1966. 47 p. (Tovarystvo "Znannya" Ukrain's'koi RSR. Seriya I, no. 1)
- [IDEOLOGICAL WORK IN RURAL AREAS] *Ideologinis darbas kaime.* Vilnius, Mintis, 1966. 174 p. [In Lithuanian]
- KHACHATUROV, K. A. [Culprits of the Latin American drama] *Vinovniki latino-amerikanskoi dramy.* Moskva, IMO, 1966. 111 p.
- KISHNEV, UNIVERSITET. [Character of the present epoch; the general line of the international communist movement] *A methodological textbook for students of the Kishnev State University* [Kharakter sovremennoi epokhi; general'naya linia mezhdunarodnogo kommunisticheskogo dvizheniya. Uchebno-metodicheskoe posobie dlia studentov KGU. Kishnev, 1965. 18 p. (CS-11)]
- KLOKOV, V. I., and V. P. DEMCHENKO. [Origin of the world system of socialism and the progress of mankind] *Vyniknennia svitovoi systemy sotsializmu i progress liudstva.* Kyiv, 1965. 47 p. (Tovarystvo "Znannya" Ukrain's'koi RSR. Seriya I, no. 9)
- KOMMUNISTICHESKAIA PARTIJA AZERBAIDZHANA. Tsentral'nyi Komitet. [The 27th Congress of the Communist Party of Azerbaijan, February 24-26, 1966] *XXVII s'ezd Kommunisticheskoi partii Azerbaidzhana 24-26 fevralia 1966 goda.* Baku, Azerneshr, 1966. 89 p.
- KOMMUNISTICHESKAIA PARTIJA GRUZII. Tsentral'nyi Komitet. 23. s'ezd. [Report of the Central Committee of the Communist Party of Georgia to the 23d Congress of the Communist Party of Georgia. Resolution of the 23d Congress of the Communist Party of Georgia on the report of the Central Committee of the Communist Party of Georgia] *Otchet Tsentral'nogo Komiteta KP Gruzii XXIII s'ezdu Kompartii Gruzii po otchetu Tsentral'nogo Komiteta KP Gruzii.* Tbilisi, Izd-vo TsK KP Gruzii, 1966. 70 p.
- KOMMUNISTICHESKAIA PARTIJA SOVETSKOGO SOIUZA. 23. s'ezd. [Materials of the 23d Congress of the CPSU] *Materialy.* Moskva, Politizdat, 1966. 303 p.
- KOMMUNISTICHESKAIA PARTIJA SOVETSKOGO SOIUZA. Vysshaya partiinaia shkola. Kafedra istorii KPSS. [Lectures on the history of the CPSU] *Lektsii po istorii KPSS.* Moskva, Mysl', No. 1. 1966. 656 p.
- KOVANOV, V. V. [Meridians, events, and encounters; notes and reflections of a Soviet physician] *Meridiany, sobytia, vstrechi; zametki i razmyshleniia sovetskogo vracha.* Moskva, Politizdat, 1966. 236 p.
- KOZLOV, I. M., ed. [Bringing democratic principles to perfection in the Soviet form of state administration] *Sovershenstvovanie demokraticheskikh printsipov v sovetskom gosudarstvennom upravlenii.* [Moskva] Izd-vo Mosk. univ., 1966. 346 p.
- KRAVTSIV, BOHDAN, ed. [The proof of Ukrainian rights, documents and materials for the history of Ukrainian political thought] *Vyvod prav Ukrainy; dokumenty i materialy do istorii ukrains'koi politychnoi dumky.* Vporiad., vstup. statia i dovidky Bohdana Kravtseva. [New-York] Prolog, 1964. 250 p. (Susil'no-politychna biblioteka, no. 15) (U)
- KRUT'KO, N. G. [The struggle for democracy as a constituent part of the struggle for socialism] *Bor'ba za demokratiu - sostavnaia chast' bor'by za sotsializm.* Minsk, Nauka i tekhnika, 1966. 171 p.
- KULIK, R. I., A. I. LUK'IANOV, and B. P. TOKMAKOV. [The supreme organ of people's power] *Vysshii organ narodnoi vlasti.* Moskva, Iuridicheskaiia literatura, 1966. 95 p.
- LENIN, V. I. [Ideological work] *Ob ideologicheskoi rabote.* Moskva, Izd-vo polit. lit-ry, 1964. 435 p. (CaOTU)
- LEPESHKIN, A. I. [Soviets, the power of the workers, 1917-1936] *Sovety - vlast' trudiaschchikhsia, 1917-1936.* Moskva, Iuridicheskaiia literatura, 1966. 574 p.
- [LIVING SPRINGS] *Zhivye rodniki.* Saransk, Mordovskoe knizhnoe izd-vo, 1965. 50 p. Ilus. (CS-11)
- MIKELINSKAITE, P. [Belles lettres for students of the history of the CPSU; a list of recommended literature] *Grozine literatura studijuojantiems TSKP istorija; rekomenduojamosios literaturos rodykle.* Vilnius, Lietuvos TSR Valstybine respublikine biblioteka, 1965. 116 p. [In Lithuanian]
- MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [From the history of the activities of the soviets] *Iz istorii deiatel'nosti Sovetov.* Moskva, Mysl', 1966. 172 p.
- NEHRU, JAWAHARLAL. [India's foreign policy; selected speeches and addresses, 1946-1964. Translated from the English] *Vneshniala politika Indii; izbranye rechi i vystupleniia, 1946-1964.* Moskva, Progress, 1965. 351 p. (CS-11)
- OGANIS'IAN, I. S. [500 years under a pirate banner] *500 let pod piratskim flagom.* Moskva, IMO, 1965. 215 p.
- ORTEGA Y GASSET, JOSE. [The revolt of the masses] *Translated from the Spanish* *Bunt mas.* New York, Vyd. Organizatsii oborony chetyr'okh svobod Ukrainy, 1965. 157 p. (NN)
- [OUR PEOPLE'S PARLIAMENT; a handbook] *Nash narodnyi parlament; spravochnik.* Moskva, Politizdat, 1966. 182 p.
- PLETNEV, E. P., ed. [Diplomacy and economic development] *Diplomatiia i ekonomicheskoe razvitiie.* Moskva, IMO, 1965. 262 p.
- PROKOF'EV, V. L. [Northern Europe and peace; the countries of Northern Europe in contemporary international relations] *Severnaya Evropa i mir; strany Severnoi Evropy v sovremennykh mezhdunarodnykh otnosheniiakh.* Moskva, Mezhdunarodnye otnosheniia, 1966. 207 p.
- PROVOTOROV, V. P. [In anxieties and joys; diary of a party worker] *V trevogakh i radozakh; zapiski partinogo rabotnika.* [Leningrad] Lantizdat, 1966. 93 p.
- RULIS, ZENONAS. [Leninist principles of party-state control] *Leninistai partines-valstybines kontroles principai.* Vilnius, Mintis, 1966. 70 p. [In Lithuanian]
- SCHNEIDER, HEINRICH. [Volunteer participation in the activities of local organs of state government and control] *Uhlaskondikest alustost kohalke riigivolitumaja haldusorganite tegevuses.* Tallinn, Eesti Raamat, 1965. 132 p. [In Estonian]
- SHAFIR, M. A., and B. V. CHERNOV. [The Supreme Soviet of the U.S.S.R.] *Verkhovnyi Sovet SSSR.* Moskva, Znanie, 1966. 62 p. (V pomoshch' lektoru)
- SHEVCHENKO, A. N. [The disarmament problem at the present-day stage] *Problema razoruheniia na sovremennom etape.* Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya: Mezhdunarodnaia, no. 8)
- SHVEDKOV, I. A. [United States of America, 1966; results and consequences of the policy of aggression] *Sodinennyye shtaty Ameriki god 1966; itogi i posledstviia politiki agressii.* Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya: Mezhdunarodnaia, no. 8)
- SIDOROV, M. I. [Irreconcilability of socialist and bourgeois ideologies] *O neprimirnosti sotsialisticheskoi i burzhuanoi ideologii.* Moskva, Mysl', 1966. 108 p.
- SOSNOVA, G. S., and E. I. STROGANOVA. [V. I. Lenin on the ways of the development of the socialist revolution and the possibility of its peaceful victory in Russia] *V. I. Lenin o putiakh razvitiia sotsialisticheskoi revoliutsii i vozmozhnosti ee mirovoi pobedy v Rossii.* [Sarator] Izd-vo Saratovskogo univ., 1965. 70 p. (CS-11)
- SVERDLIN, M. A., and P. M. ROGACHEV. [Communism and nations] *Kommunizm i natsii.* Eliata, Kaliningostizdat, 1964. 93 p. (CS-11)
- [THE UKRAINIAN S.S.R.; administrative and territorial division as of July 1, 1965] *Ukrains'ka RSR; administrativno-teritorial'nyi podil na 1 liupia 1965 roku.* Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1965. 430 p.
- VASIL'EV, E. V. [In the struggle for the relation of political enlightenment to life] *V bor'be za sviaz' politicheskogo prosveshcheniia s zhizn'iu.* Tashkent, "Uzbekistan," 1965. 152 p. (CS-11)
- VIATKIN, A. IA. [Defeat of Trotskyism and other anti-Leninist groups by the Communist Party] *Razгром Kommunisticheskoi partiei trotskizma i drugikh antileninskikh grupp.* [Leningrad] Izd-vo Leningr. univ., Pt. 1. [November 1920-1925] *Notabr' 1920-1925 gg.* 1966. 174 p.
- ZALIUKAS, GEDIMINAS. [The U.S.S.R. in the vanguard of the struggle for peace] *TSRS kovoa uz talka avangarde.* Vilnius, Mintis, 1965. 81 p. [In Lithuanian]
- ZELENTSOV, V. A. [The Vietnamese people will win] *Narod Vietnam pobedit.* Moskva, Politizdat, 1966. 61 p.
- ZHIVEL'NOV, N. I. [Operation IW; "psychological warfare" of the American imperialists] *Operatsiia IW; "psikhologicheskaiia voina" amerikanskikh imperalistov.* Moskva, Politizdat, 1966. 295 p.

7. LAW

- AKADEMIIA NAUK SSSR. Institut gosudarstva i prava. [Space and the problem of general peace] *Kosmos i problema vseobshchego mira.* Moskva, Nauka, 1966. 193 p.
- ARMENIAN S.S.R. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Armenian S.S.R., third session, June 3-4, 1964. Verbatim report] *Zasedaniia Verkhovnogo Soveta Armianskoi SSR shestogo sozyva, tret'ia sessiia (3-4 iunlia 1964 g.). Stenograficheski otchet.* Erevan, Izd. Verkhovnogo Soveta Armianskoi SSR, 1964. 196 p.
- AZERBAIJAN. Laws, statutes, etc. [Statute on comrades courts. Approved by the Decree of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R., of October 9, 1961. As amended and supplemented by the Decrees of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R., of November 27, 1963, and January 30, 1965] *Polozenie o tovarishcheskikh sudakh. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 9 oktiabria 1961 g. S izmeneniami i dopolnieniami, vniesennymi Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 27 noabria 1963 g. i 30 ianvaria 1965 g.* Baku, Izd-vo Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1965. 19 p.
- AZERBAIJAN. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Azerbaijan S.S.R., sixth session, April 27-28, 1965. Verbatim report] *Zasedaniia Verkhovnogo Soveta Azerbaidzhanskoi SSR shestogo sozyva; shestaiia sessiia (27-28 aprilia 1965 goda). Stenograficheski otchet.* Baku, Izd. Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1965. 143 p.
- AZERBAIJAN. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Azerbaijan S.S.R., ninth session, December 21-22, 1965. Verbatim report] *Zasedaniia Verkhovnogo Soveta Azerbaidzhanskoi SSR shestogo sozyva; deviatia sessiia (21-22 dekabria 1965 goda). Stenograficheski otchet.* Baku, 1966. 118 p.
- BARU, M. I. [How Soviet laws protect the good name of workers] *Okhrana trudovoi chesti po sovetskomu zakonodatel'stvu.* Moskva, Iuridicheskaiia literatura, 1966. 101 p.
- BELIAVSKII, A. V. [Judicial protection of the honor and dignity of persons] *Sudobnaia zaschita chasti i dostoinstva grazhdan.* Moskva, Iuridicheskaiia literatura, 1966. 50 p.
- BELKIN, R. S. [Collecting, testing and weighting of evidence; substance and methods] *Sobiranie, issledovanie i otsenka dokazatel'stv; sushchest'nost' i metody.* Moskva, Nauka, 1966. 204 p.

BORODIN, S.V. [Qualification of manslaughter under the present law] Kvalifikatsiya ubistva po deystvuiushemu zakonodatel'stvu. Moskva, Iuridicheskaya literatura, 1966. 251 p.

[CONSTITUTIONS OF THE AFRICAN STATES]
Konstitutsii gosudarstv Afriki. Moskva, Progress. Vol. 2. 1966. 582 p.

DEKSNYS, VLADAS, and VALERIJONAS SADREKA. [Crimes against public safety and order] Nusikalimai visuomenes saugumui ir viesajai tvarkai. Alsakingastis red. V. Galnaitis, Vilnius, Mintis, 1965. 29 p. (Laudies turejo biblioteka) [In Lithuanian]

DOZORTSEV, V.A. [Sources of Soviet law of inventions] Istechniki sovetskogo izobretenel'skogo prava. Leningrad, 1965. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Organizatsiya propagandy nauchno-tekhnicheskogo i proizvodstvennogo opyta)

ESTONIAN S.S.R. Constitution. [Constitution of the Estonian Soviet Socialist Republic (fundamental law). With amendments and supplements as passed by the Fifth Supreme Soviet of the Estonian S.S.R. at Sessions IV, V, VI, VIII, and IX, and by the Sixth Supreme Soviet at Sessions I, II, IV, V, VI, and VII] Eesti Nõukogude Sotsialistliku Vabariigi Konstitutsioon (põhiseadus). Eesti NSV Ülemnõukogu viienda koosseisu IV, V, VI, VIII ja IX ning kaueenda koosseisu I, II, IV, V, VI, VII ja IX istungikoosolekute otsustuste kogumik. Tallinn, Kirjastus "Eesti Raamat," Tallinn, 1965. 32 p. [In Estonian]

AMENFEL'D, G.M. [Cases in Soviet civil and labor law] Shornik zadach po sovetskomu grazhdanskomu i trudovomu pravu. Izd. 2., perer. Moskva, Ekonomika, 1966. 126 p.

IDRAGIMOV, A.I. [From the practice of comrades courts of the Azerbaijan] Azerbajchan SSR-nin joldashlyg mehkemelemlerin ish tecrubesinden. Baki, Azerneshr, 1965. 51 p. [In Azerbaijan]

IKHSANOV, U.K. [Authorship rights to works in the fine arts] Prava avtorov proizvedenii izobrazitel'nogo iskusstva. Moskva, Iuridicheskaya literatura, 1966. 143 p.

KARDELJ, EDVARD. [Principles of the preliminary draft of the new constitution for socialist Yugoslavia; excerpts from the report of Edvard Kardelj, Chairman of the Constitutional Committee] O prilisipakh predvaritel'nogo projekta novoi konstitutsii sotsialisticheskoi Jugoslavii; po dokladu Edvarda Kardelja predsedatelia konstitutsionnoi komissii. Beograd, Izd-vo Jugoslavija [1962?] 34 p.

KHALFINA, R.O. [Reactionary nature of the civil law of modern capitalist countries] Reaktsionnaya sushchnost' grazhdanskogo prava sovremennykh kapitalisticheskikh gosudarstv. Moskva, Vses. iurid. zhurnal, 1961. 62 p. (Ct-Y-L)

KRASAVCHIKOV, O.A. [Reparation of injury caused by a source of increased hazard] Vozmeshchenie vrede, prichinnogo istochnikom povysheimoi opasnosti. Moskva, Iuridicheskaya literatura, 1966. 198 p.

LANDKOF, S.N. [Motion-picture copyright; lectures for students] Kinoaktorskoe pravo; lektsii dlia studentov. Kiev, In-t narodnogo khoz., 1963. 129 p. (Cst-II)

LENINGRAD. UNIVERSITET. [Soviet labor law] Sovetskoe trudovoe pravo. [Leningrad] Izd-vo Leningr. univ. 1966. 374 p.

LIKAS, ARONAS. [Verdict] Totemo nuosprendis. Vilnius, Mintis, 1965. 33 p. [In Lithuanian]

LEKAS, ALBINAS, ALFONSAS ZIURILYS, and ARONAS LIKAS. [Procedures for elections of people's courts] Laudies toisim rinkimu tvarka. Vilnius, Mintis, 1965. 54 p. [In Lithuanian]

LITHUANIAN S.S.R. Aukstausioji Taryba. [Fifth session of the Sixth Supreme Soviet of the Lithuanian S.S.R., October 21, 1965. Verbatim report] Plataja sessija Verkhovnogo Soveta Lietuvos SSR (shestogo sozyva) 21 oktabria 1965 g. Stenograficheski otchet. Vilnius, Mintis, 1966. 90 p.

MARI A.S.S.R. Constitution. [Constitution (fundamental law) of the Mari Autonomous Soviet Socialist Republic. With amendments and supplements adopted at the sessions of the 3d, 4th, 5th, and 6th Supreme Soviet of the Mari A.S.S.R.] Konstitutsiya (osnovnoi zakon) Mariiskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniami i dopolneniami, priyatymi na sessiakh Verkhovnogo Soveta Mariiskoi ASSR, 3, 4, 5, i 6. sozyvov. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1965. 21 p. (MIU)

MOLDAVIAN S.S.R. Laws, statutes, etc. [Commentary to the Criminal Procedure Code of the Moldavian S.S.R.] Kommentarii k Ugolovno-protsessual'nomu kodeksu Moldavskoi SSR. Sost. i red. A.S. Kazanira i A.I. Santalova. Kishinev, Kartia moldovenaske, 1966. 374 p.

MONAKHOV, V.I. [Now it's clear] Poniat. Moskva, Iuridicheskaya literatura, 1964. 45 p. (MIC)

MOSCOW. UNIVERSITET. Iuridicheski fakul'tet. [Collection of problems on Soviet civil law; a textbook for students of law institutes and faculties] Shornik zadach po sovetskomu grazhdanskomu pravu; uchebnoe posobie dlia studentov iuridicheskikh institutov i fakul'tetov. Moskva, Iuridicheskaya literatura, 1964. 204 p. (Cst-II)

NECHETSII, M.A. [Legal problems of housing co-operation] Pravovye voprosy zhilishchno-stroitel'noi kooperatsii. Saratov, Privolzhskoe knizhnoe izd-vo, 1964. 86 p. (Cst-II)

PERGAMENT, A.I. [Guardianship and wardship] Opeka i popechitel'stvo. Moskva, Iuridicheskaya literatura, 1966. 160 p.

RANDALL, HILLAR. [Problems of improvement of legislation and legal information] Sendasanduse talsimise ja oigustiku informatsiooni kusiinusi. Tallinn, 1965. 129 p. [In Estonian]

ROMANOV, P.P., and I. L. KLIMOVA. [Determination of usefulness of patenting abroad] Opredelenie telesoobraznosti zarubezhnogo patentovaniia. Leningrad, 1966. 37 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Peredovoi opyt organizatsii nauchno-tekhnicheskoi propagandy i informatsii)

RUSSIA (1923- U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics; with amendments adopted at the seventh session of the Sixth Supreme Soviet of the U.S.S.R. Translated from the Russian] Kanstitutsiya (asnovnyi zakon) Sotuzu Sovetskikh Sotsialisticheskikh Respublik. Sa izmeneniami i dopolneniami, priyatymi na sessii Verkhovnogo Soveta SSSR shesstata sklikanniia. Minsk, Belarus', 1966. 29 p.

SIHOR, L.M. [Statute on the socialist state production enterprise in questions and answers] Polozhenie o sotsialisticheskoi gosudarstvennoi proizvodstvennoi predpriiatii v voprosakh i otvetakh. Moskva, Ekonomika, 1966. 44 p.

SINIUKHIN, V.E. [What communication workers should know about the fundamental problems of labor; a manual] Chto nuzhno znat' rabotnikam svyazi po osnovnym voprosam trudovogo zakonodatel'stva; spravochnik. Moskva, Svyaz', 1966. 87 p.

SUGACHEV, L.N. [Criminal responsibility for malicious insult] Otvetstvennost' za oskorblenie. Moskva, Iuridicheskaya literatura, 1966. 36 p.

UKRAINE. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic. As amended and supplemented by the sixth, seventh and eighth sessions of the Sixth Supreme Soviet of the Ukrainian S.S.R.] Ukrain's'koï Radians'koï Sotsialisticheskoi Respubliki. Iz zminamy i dopovneniamy, pryinyatymy na shostii, s'omii i vos'mii sessiakh Verkhovnoi Rady Ukrain's'koï RSR shostoï sklykanniia. Kyiv, Politytydav Ukrainy, 1966. 28 p.

WHITE RUSSIA. Verkhovnyi Sovet. [Seventh session of the Sixth Supreme Soviet of the White Russian S.S.R., December 21-22, 1965. Verbatim report] Sed'maia sessia Verkhovnogo Soveta Belorusskoi SSR, shestogo sozyva (21-22 dekabria 1965 goda). Stenograficheski otchet. Minsk, Belarus', 1966. 197 p.

8. EDUCATION

ABRAMIAN, A.S. [Mass exercises in gymnastics] Massovye gimnasticheskie vystuplenia. Moskva, Fizkultura i sport, 1966. 95 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Experience in teaching history in schools for backward children; episodic stories from the history of the U.S.S.R.] Opyt prepoklavanlia istorii vo vspomogatel'noi skole; epizodicheskie rasskazy po istorii SSSR. Pod red. M.I. Kuz'mitskoi. Moskva, Prosveshchenie, 1964. 64 p. (Pedagogicheskaya biblioteka uchitel'ia)

AKADEMIIA PEDAGOGICHESKIKH NAUK, RSFSR, Moscow. Institut defektologii. [Basic principles of the education and training of abnormal children] Osnovy obucheniia i vospitaniia anomal'nykh detei. Moskva, Prosveshchenie, 1965. 342 p.

AKHUMOVA, L.G., and F.N. GEL'DUKH. [Know, dare, and lead] Znat', derzat', vesti za soboi! [Chetel'binsk] Iuzhno-Ural'skoe knizhnoe izd-vo, 1965. 88 p. (Cst-II)

BELYKH, G.G., and A.I. PANTELEEV. [The republic of the Dostoevskii School of Socio-Individual Education] Respublika Shkoly. [Arkhangel'sk] Severo-Zapadnoe knizhnoe izd-vo [1966] 383 p.

BOTVINNIK, M.D. [Origins of the textbook] U istokov knigi. Minsk, Vysshaya shkola, 1964. 95 p.

DUBOV, A.G., ed. [Methods of training in school workshops] Metodika zaniatii v shkolykh masterskikh. Moskva, Prosveshchenie, 1966. 374 p.

DZENIS, VIKTORAS, KOSTAS LABANUSKAS, and JURGIS PALAMA. [Sports training] Sportine trenruote. Vilnius, Mintis, 1965. 111 p. [In Lithuanian]

[ENTERTAINER'S COMPANION] Spulnik zateinika. Moskva, Voenizdat, 1966. 123 p.

ESTONIAN S.S.R. Haridusmuhiteerium. [Elementary school programs for the 1965/1966 school-year] Algkooli programmiid 1965-1966. aastastaks. Tallinn, Kirjastus "Eesti Raamat," 1965. 165 p. [In Estonian]

[FIGURE SKATING; a manual for trainers and qualified sportsmen] Figurnoe katanie; uchebnoe posobie dlia trenerov i kvalifitsirovannykh sportstmenov. Moskva, Fizkultura i sport, 1966. 109 p.

FOMIN, S.K., ed. [Rowing] Grebnoi sport. Moskva, Fizkultura i sport, 1966. 294 p.

GIPPENREITER, B.S. [Restorative processes in sports activities] Vostanovitel'nye protsessy pri sportivnoi deiatelnosti. Izd. 2. Moskva, Fizkultura i sport, 1966. 55 p. (Biblioteka sportstmenov)

GOZOVA, A.P. [Vocational and manual training of deaf school children] Professional'no-trudovoe obuchenie gluhih shkol'nikov. Moskva, Prosveshchenie, 1965. 130 p.

GRIGANOVSKII, N.N. [Bibliography of Yakutia] Bibliografiia Iakutii. Iakutsk, Iakutskoe knizhnoe izd-vo. Pt. 3. [Public education] Narodnoe prosveshchenie. 1965. 197 p.

[HANDBOOK FOR STUDENTS ENTERING THE SPECIAL SECONDARY SCHOOLS OF THE U.S.S.R. (technical, academy, and normal) in 1966] Spravochnik dlia postupaushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR; (tekhnikumy, uchilishta, shkoly) v 1966 godu. Moskva, Vysshaya shkola, 1966. 307 p.

[INSTITUTIONS OF HIGHER EDUCATION OF LENINGRAD; a handbook for students entering in 1966] Vuzy Leningrada; spravochnik dlia postupaushchikh v 1966 godu. [Leningrad] Lenizdat, 1966. 204 p.

IVANOV, V.S. [Table tennis] Nastol'nyi tennis. 2., perer. izd. Moskva, Fizkultura i sport, 1966. 191 p.

KIEV, NAUKOVO-DOSLIDNYI INSTYTUT PSYCHOLOGII. [Ways to bring the education of abnormal children closer to life] Shlakhy zmitsennia zvyazku navchannia anormal'nykh ditei z zhyttiam; zbirnyk statoi. Kyiv, Radians'ka shkola, 1963. 142 p.

KOGAN, L.N. [Development of the spiritual culture of Soviet workers] Rost dukhovnoi kul'tury sovet'skikh rabochikh. Moskva, Znanie, 1966. 46 p. (Novos v zhizni, nauke, tekhnike. II Seriya: Filosofiya, no. 9)

KONSTANTINOV, N.A., E.N. MEDVINSKI, and M.F. SHABAIEVA. [The history of education; a textbook for institutions of higher pedagogical education] Istorija pedagogiki; uchebnik dlia pedvuzov. Izd. 3., dop. i perer. Moskva, Prosveshchenie, 1966. 453 p.

KOROTOV, V.M. [Educational demands] Pedagogicheskie trebovaniia. Moskva, Prosveshchenie, 1966. 210 p.

KUIVJOGI, HEINO. [Wind in our sails] Pagisid meie purjedes. Tallinn, Eesti Raamat, 1965. 209 p. [In Estonian]

KURM, H. [Problems in comparative pedagogy] Vordleva pedagogika kustumisi. Tartu, Tartu Riiklik Ulikool, 1964. 102 p. [In Estonian]

KUZ'MIN, N.I., and B.L. RUKODEL'NIKOV. [Training of mountaineers] Obucheniia al'pinistov. Moskva, Fizkul'tura i sport, 1965. 190 p. (CU)

LANDA, L.N. [Algorithms and teaching] Algoritmitizatsiia v obuchenii. Pod obshchoi red. i so vstup. stat'ei B. V. Gnedenko i B. V. Birtukova. Moskva, Prosveshchenie, 1966. 522 p.

LEBIN, B.D. [Selection, training and certification of scientists in the U.S.S.R.; problems of history and legislation] Podbor, podgotovka i attestatsiia nauchnykh kadrov v SSSR; voprosy istorii i pravovogo regulirovaniia. Moskva, Nauka, 1966. 265 p.

LEVINSON, B.G. [A reform of educational work in boarding schools for deaf children] Perestroika vospitatel'noi raboty v shkole-internate dlia gluhihkh detei. Pod red. S.A. Zykova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 77 p. (Pedagogicheskie chteniia)

LOZHECHNIKOV, E.B. [Programmed instruction] Programirovannoe obucheniie. Minsk, Vysshiaia shkola, 1965. 68 p.

MAKAROV, A.N. [Medium and long-distance running] Beg na srednie i dlinnye distantsii. Moskva, Fizkul'tura i sport, 1966. 189 p.

MARTENKOVSKI, I.D. [English public schools; privileged educational institutions of the boarding school type] Angliiskie publik skuly; privileirovannye shkoly internatnogo tipa. Tashkent, Fan, 1966. 141 p.

MASLOV, V.I. [The river calls] Reka zovet. Moskva, Fizkul'tura i sport, 1960. 55 p. (Biblioteka sel'skogo fizkul'turnika)

MIRSKII, S.L. [Characteristics of vocational training in schools for backward children; a manual for the teachers of schools for backward children] Osobennosti professional'nogo obucheniia vo vspomogatel'noi shkole; posobie dlia uchitelei vspomogatel'nykh shkol. Moskva, Prosveshchenie, 1966. 101 p.

MOSCOW, GORODSKOI INSTITUT USOVERSHENSTVOVANIIA UCHITELEI. [A guide for the teacher on covering the most difficult subjects in the program of the primary grades; the second grade] V pomoshch' uchitelu pri prokhozhenii naibol'she slozhnykh tem programmy nachal'nykh klassov; vtoroi klass. Moskva, 1966. 73 p.

[ON A WRESTLING MAT] Na bortsovskom kovre. Moskva, Fizkul'tura i sport, 1966. 179 p.

[ON BLUE LITTLE PATHS] Na golubyykh dorozhkah. Moskva, Fizkul'tura i sport, 1966. 180 p.

POZDNIakov, O.A., and G.I. SAFRONOV. [People's universities of science, technology and economics; a methodological manual on the organization of the instructional process in people's universities in the technical and economic fields] Narodnye universitety nauki, tekhniki i ekonomicheskikh znanii; metodicheskoe posobie po organizatsii uchebnogo protsessa v narodnykh universitetakh tekhnicheskikh i ekonomicheskikh znanii. Leningrad, 1965. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Organizatsiia propagandy nauchno-tekhnicheskogo i proizvodstvennogo opyta)

ROZANOVA, T.V. [Psychological characteristics of the solution of mathematical problems by deaf school children] Psikhologiya resheniia zadach gluhihkh shkol'nikov. Moskva, Prosveshchenie, 1966. 92 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Programs of eight-year schools for deaf children; general subjects: the Russian language, arithmetic, episodes in the history of the U.S.S.R., geography, and natural sciences] Programmy vos'miletnei shkoly dlia gluhihkh detei; obshche-obrazovatel'nye predmety: russkiiazyk, arifmetika, epizodicheskie rasskazy iz istorii SSSR, geografiia, estestvoznaniie. Moskva, Prosveshchenie, 1966. 278 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Work programs for schools for the deaf] Programmy po trudu dlia shkol gluhihkh detei. Moskva, Prosveshchenie, 1965. 114 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Eight-year school programs; primary grades] Programmy vos'miletnei shkoly; nachal'nye klassy. Moskva, Prosveshchenie, 1966. 190 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Entrance examination programs for students entering institutions of higher education of the U.S.S.R. in 1966] Programmy vstupitel'nykh ekzamenov dlia postupaushchikh v vyssheie uchebnye zavedeniia SSSR v 1966 godu. Moskva, 1966. 22 p.

SALIEV, SAID. [International education of students] Tarbiyat internatsionalii talabagon. Dushanbe, Irfon, 1964. 49 p. [In Tajik]

SEMEENOVA, E.I. [Olympic sources] Olimpiiskie rucheiki. [Moskva] Molodaia gvardiia, 1966. 94 p. (Biblioteka komssol'skogo aktivista)

SOSKIN, V.L. [Studies on the history of Siberian culture during the revolution and the civil war, from late 1917 through early 1921] Ocherki istorii kul'tury Sibiri v gody revoliutsii i grazhdanskoi volny (konets 1917-nachalo 1921 gg.). Novosibirsk, Nauka, 1965. 279 p.

SUKHOMLINSKII, V.A. [The development of personality in Soviet schools] Vospitanie lichnosti v sovetskoi shkole. Kiev, Radians'ka shkola, 1965. 211 p.

SVERDLOVSK. URAL'SKII GOSUDARSTVENNYI UNIVERSITET. [Communist education of workers; a handbook for students of all faculties and departments] Kommunisticheskoe vospitanie trudashchikh; uchebnoe posobie dlia studentov vsekh fakul'tetov i otdelenii. Sverdlovsk, 1965. 24 p. (CST-H)

[TECHNICAL AND VOCATIONAL SECONDARY SCHOOLS OF LENINGRAD; a handbook for students entering in 1966] Tekhnikumy i uchilishcha Leningrada; spravochnik dlia postupaushchikh v 1966 g. [Leningrad] Lenizdat, 1966. 180 p.

TEREKHOV, M.M., comp. [Chrestomathy on outside work; evening sessions on history. Teacher's manual] Khrestomatiiia po vneklassnoi rabote; shkol'nye istoricheskie vechera. Posobie dlia uchitelii. Izd. 2., ispr. i dop. Moskva, Prosveshchenie, 1964. 402 p. (MI)

UKRAINE. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Lvov Polytechnic Institute] Lvovskii politekhnicheskii institut. [Lvov] Izd-vo Lvovskogo univ., 1965. 12 p. illus. (Vystavka dostizhenii narodnogo khoziaistva SSSR)

V'UNK, V.A. [Victory in Tampere] Pobeda v Tampere. [Leningrad] Lenizdat, 1966. 101 p.

VOLKOV, G.N. [Traditions of the Chuvash people in aesthetic education] O traditsii khuvashskogo naroda v esteticheskoi vospitanii. Choboksary, Chuvashskoe knzhnoe izd-vo, 1965. 58 p. (WU)

9. MUSIC, THEATER & MOTION PICTURES

[ACTORS OF FOREIGN MOTION PICTURES] Aktery zarubezhnogo kino. Moskva, Iskusstvo. No. 1. 1965. 180 p. illus.

AKADEMIA NAUK KAZAKHSSKOI SSR, Alma-Ata. Institut literatury i iskusstva. [Kazakh provincial theaters] Kazakhskie oblastiye teatry. Alma-Ata, Nauka KazSSR, 1965. 350 p. [In Kazakh and Russian] (MI)

[THE ARTIST AND THE STAGE] Khudozhnik i stsena; sbornik statoi. Moskva, Iskusstvo, 1964. 110 p. illus. (Repertuar khudozhestvennoi samodelatel'nosti) (WU)

BOGDANOV-BEREZOVSKII, V.M. [The Leningrad Ballet] Ballet Leningrada. Moskva, Muzyka, 1964. 79 p. illus.

CHERKASOV, N.K. [In the theater and in the movies; a story about the work of an actor] V teatre i v kino; rasskaz o trude aktera. Moskva, Gos. izd-vo det'skoi lit-ry, 1961. 141 p. (V mire prekrasnogo) (MU)

DOLINSKII, I.L. [Soviet motion pictures of the second half of the thirties, 1935-1941] Sovetskoe kinoiskusstvo vtoroi poloviny tridsat'nykh godov, 1935-1941 g. Moskva, Vses. gos. in-t kinematografii. (Istorika kino SSSR, no. 7) No. 2. 1963. 106 p.

DZHANIBEKIAN, G.D. [About my friends. O moikh druž'akh. Erevan, Ararat] 1965. 273 p. [In Armenian]

ESTONIAN S.S.R. Kultuuriministerium. [Dr. Fr.R. Kreutzwald Memorial Museum] Dr. Fr.R. Kreutzwaldi memoriaalmuseum. Voru, 1965. 54 p. [In Estonian]

ESTONIAN S.S.R. Kultuuriministerium. [Stage decoration] Teatridekoratsioon. Teatral'naia dekoratsiia. Tallinn, 1965. 1 v. (chiefly illus.) [Parallel texts in Estonian and Russian]

EVSEEV, S.V. [Russian folk songs arranged by A. Ljadov] Russkie narodnye pesni v obrabotke A. Ljadova. Pod red. B.V. Budrina. Moskva, Muzyka, 1965. 69 p. (MI)

FRANGOPULO, M.KH. [75 ballet librettos] 75 baletnykh libretto. Leningrad, Sovetskii kompozitor, 1960. 302 p. (MI)

GOL'DENVEIZER, A.B. [Beethoven's thirty-two sonatas; commentaries on performance] Tridsat' dva sonaty Behtovenu; ispolnitel'skie kommentarii. Sost. red., avtor stat'ii D. Il'ngol. Moskva, Muzyka, 1966. 287 p.

GROMOV, E.S. [The time, the hero, the spectator] Vremia, geroi, zritel'. Moskva, Molodaia gvardiia, 1965. 110 p. (NcU)

IVANOVA, V.V. [The A.S. Pushkin Theater of the Drama] Akademicheskii teatr dramy imeni A.S. Pushkina. [Leningrad] Lenizdat, 1966. 76 p. (Turistu o Leningrade)

KALISTRATOV, I.U.A., and A.A. ANASHKIN. [Release of a motion picture and its problems] Kinoprokat i ego problemy. Moskva, Iskusstvo, 1963. 170 p. diagrs., tables. (CISU)

KASHMADZE, SH.E. [Vano Saradzishvili. Translated from the Georgian] Vano Saradzishvili. Tbilisi, Literatura i iskusstvo, 1963. 76 p. (WU)

KIRTOKA, A.S., P.P. OKHIRMENKO, and N.N. SHALU-TASHVILI. [M.L. Kropvynitskyi in White Russia, Georgia, and Moldavia; from the history of the theatrical ties of the Ukraine with White Russia, Georgia, and Moldavia] M.L. Kropvynitskii v Belorussii, Gruzii i Moldavii; iz istorii teatral'nykh svyazoi Ukrainy s Belorussiei, Gruziei i Moldaviei. Kishinev, Partizano izd-vo TsK KP Moldavii, 1966. 69 p.

KULAKOVSKII, L.V. [Art of the village of Dorozhevo; the sources of folk theater and music] Iskusstvo sela Dorozheva; u istokov narodnogo teatra i muzyki. Izd. 2., ispr. i dop. Moskva, Muzyka, 1965. 162 p. (WU)

MIKHEEVA, L.V., and T.G. ROZOVA. [Stories about opera] Rasskazy ob opere. Moskva, Muzyka, 1966. 153 p.

- MIROSHNYCHENKO, O. [Motion-picture art of the Ukraine] Kino mystetstvo Ukrainy. Kyiv, Mystetstvo, 1993. 1 v. (chiefly illus.) (InU)
- OGOLEVETS, A. S. [Vocal dramaturgy of Musorgskii] Vokalnaya dramaturgiya Musorgskogo. Moskva, Muzyka, 1966. 444 p.
- PIMENOV, V. F. [A journey into theatrical worlds] Puteshestvie v teatral'nyy mir. Moskva, Iskustvo, 1966. 134 p.
- POGOZHEVA, T. V. [Problems of methods in violin instruction] Voprosy metodiki obucheniya igre na skripke. Moskva, Izd-vo Muzyka, 1966. 150 p.
- POPOVA, S. M. [Pages from the history of Komit theater] Stranitsy istorii komit teatra. Syktyvkar, Komit knizhnoe izd-vo, 1965. 95 p.
- PROKHOROV, E. A. [Electronic adaptation of musical instruments] Adapterizatsiya muzykal'nykh instrumentov. 2, izd., perer. i dop. Moskva, Energiya, 1966. 69 p. (Massovaya radiobiblioteka, no. 596)
- RULEVA, A. S. Boris Dregvadze. Leningrad, Iskustvo, 1965. 79 p. (NIC)
- SATINA, E. A. [Memoirs] Vospominaniya. Tbilisi, Izd-vo Literatura da Khelovneba, 1965. 213 p.
- SHIFRIN, N. A. [The artist in the theater] Khudozhnik v teatre. Leningrad, Khudozhnik RSFSR, 1964. 109 p. (NIC)
- SYVAK, I. A. M. [The songs of Iavdokha Zykha] Plani Iavdokhy Zykhy. Zapyasav Hnat Tantsiura. Kyiv, Naukova dumka, 1965. 809 p. (Ukrains'ka narodna tvorchist', no. 4) [Publ. under her pseud. Iavdokha Zykha]
- TALLINN, TEATRI- JA MUUSIKAMUSEUM. [The people sing...; Estonian singing festivals, story and pictures] Laulud need lahevad...; Eesti ullaolupood sonas ja pildis. Tallinn, 1965. 1 v. (chiefly illus.) [In Estonian]
- TERMEN, L. S. [Physics and musical art] Fizika i muzykal'noe iskustvo. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no. 6)
- [25 YEARS OF SONG; Vilnius State University Academic Choir, honored collective of the Republic] 25 dainos metai: Nugalėtojas Respublikos kolektyvas-Vilniaus Valstybinio V. Kapsuko vardo universiteto Akademijos choras. Vilnius, Vaga, 1965. 71 p. illus. [In Lithuanian]
- VARSHAVSKII, I. A. L. [Life of the motion picture; thinking in images by the artist and the audience] Zhizn' fil'ma; obraznoe myshlenie khudozhnika i zritelia. Moskva, Iskustvo, 1966. 218 p.
- VERDI, GIUSEPPE. [Falstaff. Translated from the Italian] Fal'st'af. Moskva, Muzyka, 1966. 138 p. (Opernyy libretto)
- ZAK, M. KH. [The screen and you] Ekran i ty. Moskva, Iskustvo, 1966. 142 p. illus.
- ALMA-ATA. KAZAKHISKAIA GODUDARSTVENNAIA KHUZOZHESTVENNAIA GALERIJA. [Exhibition of the works of the people's artist of the Kazakh S.S.R. Abykhana Kasteev; on the 60th anniversary of his birth and the 35th anniversary of his activity. Catalog] Vystavka proizvedenii narodnogo khudozhnika Kazakhskoi SSR Abykhana Kasteeva; k 60-letiiu so dnia rozhdeniia i 35-letiiu tvorcheskoi deiatel'nosti. Katalog. Alma-Ata, 1964. 86 p. illus. (MH)
- [ALONG THE PATHS OF TIME] Po dorogam vremeni. Minsk, Belarus' 1966. 71 p. chiefly illus. (Istoricheskie pamiatniki Belorussii)
- [ARTISTS OF MOSCOW] Khudozhniki Moskvyy. Leningrad, Khudozhnik RSFSR, 1964. 73 p. illus. (NIC)
- [ARTISTS OF TATARIA] Khudozhniki Tatarii. Leningrad, Khudozhnik RSFSR, 1965. 65 p. illus. (NIC)
- ASKEROVA, N. S. [Architectural ornament of Azerbaijan] Arkhitekturnyi ornament Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 44 p. 67 plates. (MH)
- BELASHOV, A. M., and others. [A. Belashov, A. Kazachok, I. Ushkov and V. Shelov; a catalog (sculpture, painting, graphic arts)] A. Belashov, A. Kazachok, I. Ushkov, V. Shelov; katalog (skul'ptura, zhivopis', grafika). [Moskva] Mosk. otd-ale Soiuza khudozhnikov RSFSR [1965] 1 v. (chiefly illus.)
- BRODSKAIA, N. V. [Paintings by Staley in the Hermitage] Kartiny Staleia v Ermitazhe. Leningrad, Izd-vo Gos. Ermitazha, 1963. 31 p. illus. (MH)
- BRODSKII, B. I. [The artist and the city] Khudozhnik i gorod. Moskva, Iskustvo, 1965. 120 p. illus. (MH)
- DONCHENKO, R. I. [Communism and the freedom of creativity] Kommunizm i svoboda tvorchosti. Kyiv, Znannya, 1964. 42 p. (CaOTU)
- EM, MELNGAILA TAUTAS MAKSLAS NAMS. [Exhibition of folk art devoted to the 25th anniversary of Soviet Latvia; a catalog] Padomja Latvijas 25. gadadi-nai velita Tautas makslas izstade; katalogs. Vystavka narodnogo iskustva, posviashchennaya 25-letiiu Sovetskoi Latvii; katalogs. Riga, Zvaigzne, 1955. 220 p. [Parallel texts in Latvian and Russian]
- HANSEN, ALBERT. [Fundamentals of ornamentation] Ornamenti kajundamiso alustest. Tallinn, Kunst, 1965. 176 p. [In Estonian]
- HURHULA, I. V. [Folk art of the western provinces of the Ukraine] Narodnoe mystetstvo zakhlydnykh oblastei Ukrainy. Kyiv, Mystetstvo, 1966. 75 p. illus.
- IASHCHIKOV, S. V. [Old Russian painting; recent discoveries] Drevnerusskaya zhivopis'; novyye otkrytiya. Moskva, Sovetskii khudozhnik, 1965. [6] p. 48 plates. [Parallel texts in Russian and English]
- ILIN, M. A. [The environs of Moscow] Podmoskov'ye. Les environs de Moscou. [Izd. 2., ispr.] Moskva, Iskustvo, 1966. 313 p. illus.
- KARGER, M. K. [Novgorod the Great; its architectural monuments] Novgorod Veliki; arkhitekturnye pamiatniki. [Izd. 2., dop.] Leningrad, Iskustvo, 1966. 308 p.
- KELLER, B. B., and S. O. KHAN-MAGOMEDOV. [Present-day architecture of capitalist countries; contradictions and tendencies of its development] Sovremennaya arkhitektura kapitalisticheskikh stran; protivorechiya i tendentsii razvitiya. Pod red. G. B. Minervina. Moskva, Stroizdat, 1960. 224 p.
- KHARKOV. DERZHAVNYI MUZEI OBRAZOTVORCHHO MYSTETSTVA. [Kharkov State Museum of Fine Arts] Kharkivskiy Derzhavnyi muzei obrazotvorchoho mystetstva. [Kyiv, Mystetstvo, 1965. 80] p. plates. [In Ukrainian, Russian, and English] (MH)
- KIRME, KAALU. [Genesis of Estonian decorative leather work] Eesti nahkhistoo sünd. Tallinn, Eesti NSV Teaduste Akadeemia Ajaloo Instituut, 1965. 83 p. [In Estonian]
- KLIKUNAITE, ONA. [Needlework] Rankdarbiai. Vilnius, Valstybine polit. ir mokslines lit-ros leidykla, 1959. 275 p. illus. [In Lithuanian]
- KONICHEV, K. I. [Tale about Fedot Shubin] Povest' o Fedote Shubine. [Arkhangelsk] Arkhangel'skoe knizhnoe izd-vo, [1958] 290 p.
- KONICHEV, K. I. [Tale about Voronikhin] Povest' o Voronikhine. [Arkhangelsk] Arkhangel'skoe knizhnoe izd-vo, 1959. 221 p.
- KONOPLEVA, M. S. [Diploma projects in drawing for correspondence students of graphic arts departments of pedagogical institutes] Diplomnyye raboty po chertcheniyu dlia studentov-zaochnikov khudozhestvenno-graficheskikh fakul'tetov pedagogicheskikh institutov. Moskva, Prosveshchenie, 1965. 19 p.
- KOKOREKIN, A. A. [Exhibition of the works of Honored Artist of the R. S. F. S. R., State Prize laureate, artist Aleksei Alekseevich Kokorekin, 1906-1959; a catalog] Vystavka rabot Zasluzhennogo deiatelia iskusstva RSFSR, laureata Gosudarstvennykh promisl' khudozhnika Alekseia Alekseevicha Kokorekina, 1906-1959; katalog. Moskva, Sovetskii khudozhnik, 1965. 20 p. illus.
- KUINDZII, A. I. Arkhip Ivanovich Kalndzhi. Leningrad, Sovetskii khudozhnik [1965] 1 v. (chiefly illus.)
- KUMAN'KOV, E. I. [Vladimir Evgen'evich Egorov. Moskva, Sovetskii khudozhnik, 1965. 121 p. illus. (MH)]
- KUZNETSOVA, O. N., A. K. SEMENOVSKAIA, and SH. I. SHTEIMAN. [Summer Garden, Summer Palace, House of Peter I] Letniy sad, Letniy dvorets. Domik Petra I. [Izd. 5., ispr. i dop.] [Leningrad] Lentzdat, 1965. 95 p., illus. map (insert)
- LAPSHIN, V. P. Vladimir Gavrilov. Moskva, Sovetskii khudozhnik [1965] 37 p. illus. (MH)
- LEBEDEV, A. K. Vladimir Vasil'evich Stasov. Leningrad, Khudozhnik RSFSR, 1965. 59 p. (Narodnaya biblioteka po iskustvu)
- LEBEDEVA, V. E. [Boris Mikhailovich Kustodiev; paintings, drawings, theater, books and prints] Boris Mikhailovich Kustodiev; zhivopis', risunki, teatr, kniga, estamp. Moskva, Nauka, 1966. 241 p. illus.
- LENINGRAD. ERMITAZH. [Columbine] Kolombina. Leningrad, 1963. 83 p. illus., plates. (KyU)
- LENINGRAD. ERMITAZH. Ermitazh. The Hermitage Museum. Sost. I. U. Kuznetsov, N. Nikulina i I. U. Rusakov. Leningrad, Sovetskii khudozhnik [1965] 33 p. (chiefly illus.) [Parallel texts in Russian and English]
- LENINGRAD. ERMITAZH. Risunki starykh masterov (faksimile). Old master drawings. Leningrad, Gos. Ermitazh, 1963. 4 p. 12 plates. [In Russian and English] (ICarS)
- LENINGRAD. ERMITAZH. [State Hermitage; drawings, watercolors] Gosudarstvennyi Ermitazh; risunki, akvareli. [Avtor-sost. M. V. Dobroklonskii] Moskva, Sovetskii khudozhnik [1965] 1 v. (chiefly illus.) [In Russian and English] (Khudozhestvennyye sokrovishcha SSSR)
- LERMONTOV, M. I. [Paintings and drawings of the poet, illustrations for his works] Kartiny i risunki poeta, illiustratsii k ego proizvedeniyam. [Leningrad, Sovetskii khudozhnik, 1964] 123 p. (chiefly illus.) (WU)
- LIEUVOS TSR VALSTYBINIS DAILES INSTITUTAS. [State Art Institute of the Lithuanian S.S.R.] Lieuvos TSR Valstybinis Dailes institutas. Vilnius, Valstybine polit. ir mokslines lit-ros leidykla, 1960. 186 p. (chiefly illus.) [In Lithuanian]

10. FINE ARTS

- AFANAS'EV, K. N. [The designing of architectural forms by ancient Russian architects] Postroyeniye arkhitekturnoi formy drevnerusskimi zodchimi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 269 p. (ICRL)
- AKADEMIA KHUZOZHESTV SSSR. Institut teorii i istorii izobrazitel'nykh iskustv. [Problems of art in the light of the struggle of ideologies] Voprosy iskustva v svete bor'by ideologii; sbornik statei. Obshchaya red. A. V. Solodovnikova. Moskva, Sovetskii khudozhnik, [1966] 198 p.
- ALESHINA, L. S., and N. V. IAVORSKAIA. [The art of Yugoslavia; studies] Iskustvo Yugoslavii; ocherki. Moskva, Iskustvo, 1966. 325 p. illus.

- [LITHUANIAN FOLK ART] Lietuvių liaudies menas. Vilnius, Vaga, [In Lithuanian and Russian] Book 2. [Adornments of early Lithuanians] Senovės lietuvių papuošalai. 1966. 162 p. (chiefly illus.).
- [LORENZO BERNINI; the reminiscences of his contemporaries. Translated from the Italian and French] Bernini, Lorenzo; vospominaniia sovremennikov. Moskva, Iskusstvo, 1965. 390 p.
- MAGNITSKII, A.V. [By poster language] Iazykom plakata. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 53 p. (CSt-II)
- MALIATNIKOV, OLEG. [With the weapons of laughter; a story about Herluf Bidstrup, artist, citizen and fighter for peace] Oruzhiem smekha; rasskaz o Kherluf Bidstrupe - khudozhnike, grazhdanine, bortse za mir. Moskva, Politizdat, 1966. 84 p.
- MATT, FRITS. Richard Uutmaa. Tallinn, Kirjastus "Kunst," 1966. 42 p. illus. [In Estonian and Russian]
- MOSCOW. GOSUDARSTVENNYI MUZEI IZOBRAZITEL'NYKH ISKUSTV. [Western European painting and sculpture] Zapadnoevropeiskaya zhivopis' i skulptura. Pod obshchey red. B.R. Vipper. Moskva, Sovetskii khudozhnik [1966] 1 v. (chiefly illus.)
- MOSCOW. VSESOIUZNAIA VYSTAVKA PROIZVEDENII MOLODYKH KHUDOZHNIKOV. 1962. [Catalog of the All-Union Exhibition of Works of Young Artists] Katalog [Moskva, Sovetskii khudozhnik, 1962] 73 p. ports., plates. (MH)
- MOSCOW. VYSTAVKA IZOBRAZITEL'NOGO ISKUSTVA IAKUTSKOI ASSR, 1963. [Catalog of the Exhibition of Graphic Art of the Yakut A.S.S.R.] Katalog [Moskva, Sovetskii khudozhnik, 1963]. 15 p. plates. (MH)
- MULLO, I.M., ed. [Kizhi, the island of treasures; the Kizhi museum-preserve of national wood architecture and ethnography of the Karelian A.S.S.R.: guidebook] Kizhi - ostrov sokrovishch; Kizhskii muzei-zapovednik narodnogo derevianogo zochestva i etnografiia Kareliiskoi ASSR: putevoditel'. V sost. i primamii uchastie: V.P. Orlovskii i dr. Petrozavodsk, Kareliiskoe knizhnoe izd-vo, 1965. 71 p. illus.
- PAVLINSKAIA, A. [According to the law of beauty] Po zakonu krasoty. [Leningrad, Khudozhnik RSFSR, 1965] 62 p. illus., plates (in portfolio) (MH)
- PENKIN, M.S. [Where do the decadents lead] Kuda vedut dekadenty. Moskva, Sovetskaya Rossiia, 1963. 132 p. [Biblioteka molodogo literatora] (MICROFILM)
- PEREDVIZHNAIA VYSTAVKA PROIZVEDENII KHUDOZHNIKOV KAZAKHSTANA. Chimgent, Lenger, Ural'sk, Gur'ev, 1960. [Catalog: Paintings, graphic art] Katalog: Zhivopis', grafika. Alma-Ata, Kazgostizdat, 1961. 15 p. 10 plates. (MH)
- POSOKHIN, M.V., A.A. MINDOANTS, and N.A. PEKAREVA. [Kremlin Palace of Congresses] Kremlevskii Dvortsovsk'ezdov. Moskva, Stroizdat, 1966. 177 p. illus.
- PUGACHENKOVA, G.A., and L.I. REMPEL'. [History of the arts of Uzbekistan from ancient times to the middle of the nineteenth century] Istoriia iskusstv Uzbekistana, s drevneishikh vremen do serebiny deviatnadsatogo veka. [Moskva, Iskusstvo, 1965] 417 p. (CU)
- RABINOVICH, M.TS. [Representation of man on the principles of artistic anatomy] Izobrazhenie cheloveka na osnovakh plasticheskoi anatomii. Moskva, Iskustvo, 1965. 79 p. illus., 12 [i.e. 48] plates. (CU)
- ROTTERT, T.G. Il'ia Efimovich Repin. [Leningrad, Khudozhnik RSFSR, 1966] 46 p. illus. (Narodnaya biblioteka po iskusstvu)
- RUDNITSKAIA, IU. [Artists of the Don] Khudozhniki Dona. [Leningrad, Khudozhnik RSFSR, 1960] 9 p. illus. (NN)
- SADOVYI, N.A. [Penates; I.E. Repin's museum and country-house] Penaty; muzei-usad'ba I.E. Repina. [Leningrad] Lenizdat, 1965. 40 p. (Turisto o Leningrade)
- SARATOV. GOSUDARSTVENNYI KHUDOZHESTVENNYI MUZEI IMENI A.N. RADTSICHEVA. [Catalog: the section of Soviet art] Katalog: otdel sovetskogo iskusstva. Leningrad, Khudozhnik RSFSR, 1960. 200 p. (MH)
- SAVICKAS, AUGUSTINAS. [Lithuanian landscape paintings] Peizaznas lietuviu tapyboje. Vilnius, Vaga, 1965. 326 p. illus. [In Lithuanian]
- SAZONOV, N.S. [Memoirs of an artist from the Urals] Zapiski uralskogo khudozhnika. Leningrad, Khudozhnik RSFSR, 1960. 162 p. illus.
- SHVARTS, V.S. [Leningrad; its architectural monuments; a sketch] Leningrad; khudozhestvennye pamiatniki: ocherk. [Leningrad, Iskusstvo, 1966] 386 p. illus.
- SIMONIS, K. [Sketches of my life; recollections] Gyvenimo nuotraupos; atsiminimai. 2, izd. Vilnius, Vaga, 1966. 193 p. [In Lithuanian]
- SIMUKENAITIS, N. [Ten Lithuanian proverbs] 10 lietuviu liaudies patariu. Vilnius, Vaga, 1965. 1 v. illus. [In Lithuanian]
- SMOLENSKAIA, R.M., and K.I. LUCHINA. [Hygienic problems in the planning of preschool institutions] Gigenicheskie voprosy pri projektirovanii doskol'nykh uchrezhdenii. Moskva, Meditsina, 1966. 141 p.
- SOFRONOV, S.I. [The wanderer artist N.V. Orlov] Khudozhnik-peredvizhnik N.V. Orlov. [Moskva, Iskustvo, 1965] 129 p. illus. (RPB)
- SOIUZ KHUDOZHNIKOV RSFSR, Moskovskoe otdelenie. [Decorative art] Dekorativnoe iskusstvo. Moskva, Sovetskii khudozhnik, 1965. 1 v. illus. (Vystavka "Moskva - stolitsa nashel Rodiny")
- SOIUZ KHUDOZHNIKOV RSFSR, Moskovskoe otdelenie. [Exhibition of the work of graphic artists working in the studios of the Southwest; a catalog] Vystavka rabot khudozhnikov-grafikov, rabotavushchikh v master-skikh na Iugo-Zapade; katalog. Moskva, Sovetskii khudozhnik, 1965. 18 p. (Khudozhniki-grafiki Iugo-Zapada)
- SUMY. SUMS'KYI DERZHAVNYI KHUDOZHNI MUZEI. [The Sumy State Art Museum] Sums'kyi derzhavnyi khudozhnik muzei. Sums'koi gosudarstvennyi khudozhestvennyi muzei. Kyiv, Mystetstvo, 1960. 1 v. (chiefly illus.)
- TARKHAN-MOURAVI, R. Gruzinskie narodnye tsntsy, pesni, igry v risunkakh R. Tarkhan-Mouravi. Georgian folk dances, songs, games drawn by R. Tarkhan-Mouravi. Tbilisi, [Sabchota Sakartvelo, 1964] 23 plates in fold.
- ULYANOVSK. OBLASTNOI KHUDOZHESTVENNYI MUZEI. [Catalog of the exhibition of M.M. Radonezhskii's work; on the 70th anniversary of his birth] Katalog vystavki proizvedenii M.M. Radonezhskogo; k 70-letiiu so dnia rozhdeniia. Ulianovsk, Ulianovskoe otd-ale Soiuza Khudozhnikov RSFSR, 1964. [10] p. (MH)
- VAKS, I.A. [The artist in industry] Khudozhnik v promyshlennosti. Leningrad, Iskustvo, 1965. 62 p., 55 plates. (NIC)
- VARLAMOV, S.A. [Artists of Orenburg Province] Khudozhniki Orenburgskoi oblasti. Leningrad, Khudozhnik RSFSR, 1966. 47 p. chiefly illus.
- VARSHAVSKII, A.S. [Antireligious paintings by Russian and Soviet artists; album for an exhibition] Antireligioznye kartiny russkikh i sovetskikh khudozhnikov; ant'iom-vystavka. Moskva, Politizdat, 1964. 22 plates (in portfolio) (Nhd)
- VATAGIN, V.A. Vatagin. [Moskva, Sovetskii khudozhnik, 1961] 1 v. (chiefly illus.) (CLU)
- VOROB'EV, B.IA. [Wild animals] Zveri. Leningrad, Khudozhnik RSFSR, 1962. 1 v. (chiefly illus.) (MIU)
- VRUBEI', M.A. [Drawings for the works of M.IU. Lermontov] Risunki k proizvedeniam M.IU. Lermontova. [Leningrad, Khudozhnik RSFSR, 1964] 14 pl. (in portfolio.) (MIU)
- ZDANEVICH, K.M. [Niko Pirosmanshivili] Niko Pirosmanshivili. [Leningrad, Khudozhnik RSFSR, 1965] 122 p. (chiefly illus.) [In Georgian]
- ZHURAVLEV, A.M. [Soviet architecture today] Sovetskaya arkhitektura segodnia. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. VI Seriya: Literatura i Iskustvo, no. 9)

11. LANGUAGE, LITERATURE & FOLKLORE

- ADAMOV, A.I. [Character; verse] Karakter; stikhi. [Magadan, Magadanское knizhnoe izd-vo, 1965] 64 p. (U)
- AKADEMIIA NAUK GRUZINSKOI SSR, Tbilis. Institut istorii gruzinskoi literatury. [Academician K.S. Kekelidze, outstanding Georgian scholar] Krupnelshii gruzinskii uchenyi akad. K.S. Kekelidze. Sbornik sost. i podgotovil k pečati S.I. Kubanetskhvili. Tbilisi, Metsnereba, 1965. 227 p. [In Georgian and Russian]
- AKADEMIIA NAUK SSSR. Dagestanskii filial, Makhach-Kala. Institut istorii, iazyka i literatury. [Lezghian-Russian dictionary. About 28,000 words] Lezghian-russkii slovar'. Okolo 28 000 slov. Sost. B. Talibov i M. Gadzhiev. Pod red. R. Galdarova. S prilozheniem grammaticheskogo ocherka lezghinskogo iazyka B. Talibova. Moskva, Sovetskaya Entsiklopediia, 1966. 603 p.
- AKADEMIIA NAUK SSSR. Iakutskii filial, Yakutsk. Institut iazyka, literatury i istorii. [Outline history of Soviet Yakut literature] Ocherki istorii iakutskoi sovetskoi literatury. Moskva, Izd-vo Akad. nauk SSSR, 1966. 104 p. (ICRL)
- AKADEMIIA NAUK SSSR. Institut etnografii. [Historical folklore of the Evenki; legends and oral traditions] Istoricheskie fol'klor evenkov; skazaniia i predaniia. Moskva, Nauka, 1966. 398 p.
- AKADEMIIA NAUK SSSR. Institut iazykoznanii. [Languages of the peoples of the U.S.S.R. in five volumes] Iazyki narodov SSSR v piati tomakh. Glav. red. V.V. Vinogradov i dr. Moskva, Nauka. Vol. 1. Vinogradov, V.V., and others, eds. [Indo-European languages] Indoevropaiskie iazyki. 1966. 657 p.
- AKADEMIIA NAUK SSSR. Institut istorii. [Poliarnaya zvezda, A.I. Gertsen and N.P. Ogarev's journal in eight books; 1855-1899. Free Russian Press, London - Geneva] Poliarnaya zvezda, zhurnal A.I. Gertsena i N.P. Ogareva v vos'mi knigakh 1855-1899. Vol'naya russkaya tipografiia, London-Zheneva. Faksimil'noe izdanie. Moskva, Nauka. Book 9. [Supplements: Poliarnaya zvezda for 1855. First book, London] Prilozheniia; Poliarnaya zvezda na 1855. Kniga pervaya, London. 1966. 245 p.
- AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [Friedrich Schiller; articles and materials] Fridrikh Shiller; stat'i i materialy. Moskva, Nauka, 1966. 422 p.
- AKADEMIIA NAUK SSSR. Institut russkogo iazyka. [A bibliographical index of dictionaries published in the U.S.S.R. in 1918-1962] Slovari, izdannye v SSSR; bibliograficheskii ukazatel' 1918-1962. Moskva, Nauka, 1966. 231 p.
- AKADEMIIA NAUK SSSR. Institut russkogo iazyka. [Development of the syntax of modern Russian] Razvitiie sintaksa sovremennogo russkogo iazyka. Moskva, Nauka, 1966. 222 p.
- AKADEMIIA NAUK SSSR. Institut russkogo iazyka. [Norms of present-day Russian literary word usage] Normy sovremennogo russkogo literaturnogo slovo-upotrebleniia. Moskva, Nauka, 1966. 152 p.

- AKADEMIJA NAUK URSR, Kiev. [Ukrainian linguistic geography] Ukrain'ska lingvistychna geografia. Kyiv, Naukova dumka, 1966. 151 p. (Respublikan's'kyi nlyzhnydomchyl zhurnyk, Seriya "Pytannya movoznavstva")
- AKADEMIJA NAVUK BSSR, Minsk. Instytut litarytury. [History of Soviet White Russian literature in two volumes] Historya belaruskaj savetskaj litarytury u dvukh tomakh. Minsk, Nauka i tekhnika, Vol. 1. 1917-1941 gg. 1965. 632 p.
- AKADEMIJA NAVUK BSSR, Minsk. Instytut litarytury. [White Russian prerevolutionary prose] Belaruskaja daknastrychnitskaja proza. Minsk, Nauka i tekhnika, 1965. 427 p.
- AKADEMIJA NAVUK BSSR, Minsk. Instytut movaznavstva. [Some characteristics of the White Russian literary language] Ab nekatorykh asablivastsiax belaruskaj litarytural movy. Minsk, Nauka i tekhnika, 1965. 183 p.
- AKADEMIJA PEDAGOGICHESKIX NAUK RSFSR, Moscow. Institut natsional'nykh shkol. [From experience in the study of Russian literature in non-Russian schools] Iz opyta izucheniia russkoi litarytury v nerusskoi shkole. Pod red. N.V. Taldina i E.V. Efremova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 37 p. (Pedagogicheskie chteniia) (NN)
- AKHRYMENKA, P.P. [White Russian songs and stories] Belaruskija pesni i kazki. Minsk, Nauka i tekhnika 1965. 158 p.
- ALEKORS, RICHARD. [Talks and tales; stops on our literary frontlines] Jutt on see kooruke; peatumisi mele toselulise kirjanduse rindel. Tallinn, Eesti Raamat, 1965. 364 p. [In Estonian]
- ALEKSANDROVICH, S. KH. [Tracing a poetic legend] Pa siladakh paotychnaj legendy. Minsk, Narodnaja asveta, 1966. 173 p.
- ALEKSEEV, M. N. [The cherry poot; a novel] Vishnevyy omut; roman. Moskva, Sovetskaja Rossiia, 1966. 275 p.
- ALESIKA, ANTON. [A million meters above us; a tale] Nad nami mil'ion vysht; apovosti. Minsk, Belarus', 1965. 283 p.
- AL'FONSOV, V. N. [Words and colors; essays on the history of the creative ties between poets and artists] Slova i kraski; ocherki iz istorii tvorcheskikh svyazei poetov i khudozhnikov. Moskva, Sovetskij pisatel', 1966. 240 p.
- ALGA, ALEKSANDR. [Elms and birches. Translated from the Chuvash] Viaz' da berezy. Cheboksary, Chuvashknigolzdat, 1965. 68 p. (MII)
- 'ALI-SHIR, MIR, called AL-NAWA'I. [Works. Sochineniia. Tashkent. Izd-vo Tashkent. In Uzbek] Vol. 7. 1964. 4 v. (MII)
- AL'KAEVA, L. O. [Plots and heroes in the Turkish novel, the late 19th and early 20th centuries] Suzhety i geroi v turetskom romane (konets XIX - nachalo XX veka). Moskva, Nauka, 1966. 184 p.
- ANARBAEV, S. [Waterfalls of the Aksay. Vodopady Aksaya. Tashkent, Goslitizdat UzSSR] 1958. 194 p. [In Uzbek] (IU)
- ANASHKINA, V. T., comp. [Writers of the Central Ural; a biobibliographical reference book] Pisateli Srednego Urala; biobibliograficheski spravochnik. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 201 p.
- ANDRIANOV, V. I., and L. SOTNYK. [The living remembrance] Zhyvi pam' tataj. Kyiv, Molod', 1965. 160 p. (IU)
- ANKVAD, VLADIMIR. [Life goes on; verse. Translated from the Abkhazian] Zhizn' prodolzhaetsia; stikhi. Moskva, Molodaja gvardia, 1965. 68 p. (IU)
- ANNINSKII, L. A. [Kernel of the nut; critical essays] Iadro orekh; kriticheskie ocherki. Moskva, Sovetskij pisatel', 1965. 221 p. (CU) (NNC)
- ANTONENKO-DAVYDOVICH, BORYS, pseud. [Golden suitcase; diary of a public prosecutor] Zolotyj chesnotan; zapyski prokurora. K'viv, Kamenar, 1965. 230 p. (MII)
- ANTONOV, S. P. [Torn rouble; tales] Ruzorvannyi rubl'; povesti. [Moskva] Molodaja gvardia, 1966. 221 p.
- APUSHKIN, IA. V. [Images and fates; dramatic etudes] Obrazy i sud'by; dramaticheskie etudy. Moskva, Sovetskij pisatel', 1966. 100 p.
- ARBUZOV, ALEKSEI. [Lost son; a melodrama in three acts] Poterlannyi syn; melodrama v trekh aktakh. Otv. red. Z. Brazhko. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 87 l.
- ARBUZOVA, I. V., P. A. DMITRIEV, and N. I. SOKAL'. [Serbo-Croatian] Serbokhorvatski jazyk. [Leningrad] Izd-vo Leningr. univ., 1965. 290 p.
- ARKANOV, ARIK., and G. I. GORIN. [A wedding for all of Europe! A satirical comedy in three acts] Svad'ba na vsiu Evropu! Satiricheskaja komedija v trekh deistviah. Otv. red. M. Shuvalova. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 71 l.
- ARSEN'EVA, M. G., T. V. STROEVA, and A. P. KHAZANOVICH. [Polysemantics and homonymy] Mnogoznachnost' i omonimija. [Leningrad] Izd-vo Leningr. univ., 1966. 120 p.
- [AT THE SOURCES OF WONDER; a literary collection] U istokov chuda; literaturno-khudozhestvennyi sbornik. [Leningrad] Lenizdat, 1965. 323 p. (NNC)
- ATAROV, N. S. [Smells of the earth; stories and tales] Zapakhi zemli; rasskazy i povesti. [Moskva, Sovetskij pisatel', 1965] 177 p.
- AVYŽIUS, JONAS. [Village at the crossroads; a novel] Kaunas kryžkelėje; romanas. Vilnius, Vaga, 1964. 497 p. [In Lithuanian] (MII)
- AVYŽIUS, JONAS. [Village at the crossroads; a novel] Kaunas kryžkelėje; romanas. 2. leidimas. Vilnius, Vaga, 1966. 525 p. [In Lithuanian]
- BACHA, IU. A., and O. M. RUDLOVCHAK, eds. [Chrestomathy of modern Ukrainian literature of Transcarpathia; second half of the 19th century] Khrestomatija novoi zakarpats'koj ukrains'koj litarytury; druga polovyna XIX storichchia. Bratislava, Slovenské pedagogické nakladateľstvo, 1964. 202 p. (Vysockoskotske učebné texty) (NN)
- BAIANOV, V. M. [Beyond the river and its willows; a collection of verse] Za rekoi talinovoi. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 55 p. (NIC)
- BAKEEV, K. [Kirghiz language for the second grade of elementary schools. Kirgizskij jazyk dlia 2. klassa nachal'noi shkoly. 10 izd. Frunze, Kirgizchpedgiz] 1967. 104 p. [In Kirghiz] (IU)
- BAKUMENKO, D. O. [Astor; poetry] Zoretsvit; poezii. Kyiv, Radnans'kyi pys'mennyk, 1965. 105 p. (IU)
- BALASHEV, A. [For the few] Dlia nemnoghkh'. 2. izd. [n. p.], Chuzhchina, 1956. 47 p.
- BALDAEV, S. P. [Buryat folk songs; from the pre-revolutionary period] Burlatskie narodnye pesni; dorevolutsionnye. Ulan-Ude, Burlatskoe knizhnoe izd-vo. Vol. 2. 1965. 243 p. [In Buryat]
- BALKAROV, B. KH. [Adyge elements in the Ossetic language] Adygskije elementy v ossetinskom jazyke. Red. V. I. Abaev. Na'chik, Khbardino-Balkarskoe knizhnoe izd-vo, 1965. 128 p. (MII)
- BANYKIN, V. I. [When fists are clenched. Andrei Suezikov learns how to live; tales] Kogda szhima-iutsia kulaki. Andrei Suezikov uchitsia zhit'; povesti. Moskva, Sovetskaja Rossiia, 1964. 205 p. (MII)
- BARANNIKOV, I. V., and L. A. VARKOVITSKAIA. [Russian language in pictures] Russkij jazyk v kartinkakh. Moskva, Prosveshchenie. Pl. 2. 1965. 157 p. (chiefly illus.)
- BARAUSKAS, VYT., comp. [The land will be covered with orchards] Suzyden zeme sodais. Vilnius, Mintis, 1965. 126 p. [In Lithuanian]
- BARCHUK, IVAN, and M. PODVORNIK, comp. [Easter morning; a collection of Easter stories and verse] Velykodni ranok; zbirka velykodnikh opovidan' i virshiv. Toronto, Dorcha Pravdy, 1957. 255 p. (MID)
- BARTEN, A. A. [Always thirteen] Vseгда trindatsat'. [Leningrad] Sovetskij pisatel', 1965. 494 p. (NIC)
- BARUZDIN, S. A. [Recapitulation of the past; a novel] Povtorenie prodennoho; roman. Moskva, Detskaja literatura, 1966. 286 p. (Shkol'naja biblioteka)
- BASH, E. G., and others. [Textbook of the Russian language for foreign students studying at preparatory faculties of higher schools of the U.S.S.R.] Uchebnik russkogo jazyka dlia studentov-mostrandisev, obuchalushchikhsia na podgotovitel'nykh fakul'tetakh vuzov SSSR. Moskva, Vysshaja shkola, 1965. 2 p. (CaOTU)
- DATUKAEVA, ASET. [Mistress of her fate; stories and sketches. Khoziaika svoei sud'by; rasskazy i ocherki. Groznyi, Chechno-Ingushskoe knizhnoe izd-vo] 1964. 50 p. [In Chechen] (MII)
- BELIAEV, L. A. [Poplars drop their cotton] Topolia reniatu pukh. [Vologda] Severo-Zapadnoe knizhnoe izd-vo, 1966. 63 p.
- BEREZHYNYI M. M. [People and shadows; fables, humorous, jokes] Liudy i tinky; humoresky, zharty. Kyiv, Molod', 1965. 77 p. (IU)
- BEREZOVSKYI, I. P., ed. [Live and learn; Ukrainian folk wisdom] Vik zhyvy-vik uchiys'; ukrains'ka narodna mudrist'. Kyiv, Derzh. uchbovo-pedagog. vyd-vo Radnans'ka shkola, 1961. 131 p. (NN)
- BEIKESI, ANDRÁS, and GYÖRGY KARDOS. [Spear-men; a novel. Translated from the Hungarian] Kóp'e-nostsy; roman. Moskva, Voennoe izd-vo, 1964. 406 p. (IU)
- BERNATSKII, P. S. [Start of a journey; scenes in three acts] Nachalo puti; stseny v trekh aktakh. Otv. red. N. Davydova. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 108 l.
- BEZORUD'KO, V. G. [Three musketeers from Sukhye Mlntsy; humorous tales and stories] Tri mushketera iz Sukhlykh Mlntsev; humoristicheskie povesti i rasskazy. Moskva, Sovetskij pisatel', 1966. 342 p.
- BGAZHBA, KH. S., and K. L. ZELINSKII. [Dmitrii Gulla; a critical biographical sketch] Dmitrii Gulla; kritiko-biograficheski ocherk. Sukhumi, Alashara, 1965. 188 p.
- BIELIAUSKAS, ALFONSAS. [Kaunas story; a novel] Kauno romanas; romanas. Vilnius, Vaga, 1966. 442 p. [In Lithuanian]
- BILODID, I. K. [Vuk Karadžić in the history of Ukrainian-Serbian scholarly relations] Vuk Karadzich v istorii ukrains'ko-serbs'kykh naukovykh sv'yaziv. Kyiv, Naukova dumka, 1965. 40 p. (CSU-H)
- BITEKHTINA, G. A., L. S. MURAV'EVA, and L. P. IUDINA, comp. [Usage of the verbs of motion in Russian] Upotreblenie glagolov dvizheniia v russkom jazyke. [Moskva] Izd-vo Mosk. univ., 1965. 101 p.

- BOGATYREV, V.S. [The green flame] Zelenoe plamya. [Saratov] Privolzhskoe knizhnoe izd-vo, 1965. 203 p. (IU)
- BOGOMOLOV, V.O. [My heartache; stories] Serditsa mogoego bol; rasskazy. Moskva, Sovetskaya Rossiya, 1965. 105 p. (NIC)
- BORANENKOV, N.E. [Storm above the Dnests; a novel] Groza nad Dnestom; roman. Moskva, Voenizdat, 1966. 335 p.
- BORANENKOV, N.E. [Willows wake up in winter; a novel] Verby probuzhdaitsya zimoi; roman. [Moskva] Mosk. rabochii, 1965. 357 p. (IU)
- BORDZHAKOV, SHAKHER. [The barchans sing. Translated from the Turkmen] Barkhany sing. Moskva, Sovetskii pisatel', 1965. 71 p. (IU)
- BOSKIS, R.M., and K.G. KOROVIN. [Methodological manual for the Russian language textbook used in the first grade of schools for children with impaired hearing (2d section)] Metodicheskoe rukovodstvo k uchebniku russkogo yazyka dlia 1 klassa shkoly slaboslyshashtchikh (2-e izdaniye). Moskva, Prosveshchenie, 1966. 71 p.
- BRIANTSEV, G.M. [Emir's blade. The end of the "Hornet's nest"; tales] Klinok emira. Konets "Osnogo gnezda"; povesti. Moskva, Voenizdat, 1966. 483 p.
- [BRIEF DICTIONARY OF FOREIGN WORDS] Kratkiy slovar' inostrannykh slov. Sost. S.M. Likshina. Moskva, Sovetskaya Entsiklopediya 1966. 384 p.
- [BRIEF LATIN-GEORGIAN DICTIONARY] Kratkiy latinsko-gruzinskiy slovar'. [By] S.G. Kavkashvili. Tbilisi, Izd-vo Tbilisskogo gos. univ., 1959. 173 p. (CLU)
- BROUKA, PIATRUS. [Collected works] Zbir tvoran. [Minsk, "Belarus", 1] 1965- 1 v. (InU)
- BRYL', I.A. [Birds and nests. The rapid Neman; a novel and stories] Ptitsy i gnezda. Bystriy Neman; roman i rasskazy. Moskva, Sovetskii pisatel', 1965. 589 p. (IU) (MH)
- BUBNYS, V. [Tom Thumb] Vyras kaip pipiras. Vilnius, Vaga, 1965. 1 v. (chiefly illus.) [in Lithuanian]
- BUDRYS, RIMANTAS. [Living thoughts of the earth] Gyvos zemes mintys. Vilnius, Mintis, 1966. 110 p. [in Lithuanian]
- BUKOVSKII, K.I. [Everything about the country; essays] Vse o drevne; ocherki. Moskva, Sovetskii pisatel', 1965. 218 p. (MH)
- BUZHENKO, VOLODAR. [Ivan Sulyma; an historical tale from Cossack times] Ivan Sulyma; istoricheskaya povest' iz kozats'kykh chasiv. Toronto, Canada, Dobra knyzhka, 1961. 216 p. (Biblioteka istoricheskikh povestей, no 12)
- CHEBOTAEV, M.A. [Years in the Navy; poems] Flotskie gody; stikhi. [Moskva] Voenizdat, 1966. 78 p.
- CHEGODAR', N.I. [Kolayashi Takli; his life and work] Kobalasi Takli; zhizn' i tvorchestvo. Moskva, Nauka, 1966. 95 p.
- CHEKASHINA, L.E. [In our town; tales] V nashem gorode; povesti. Donetsk, Donbass. 1965. 373 p. (IU)
- CHEKASOV, A.T. [The swallow; tales] Lastochka; povesti. Moskva, Sovetskaya Rossiya, 1965. 382 p. (MH)
- CHUKOVSKII, K.I. [Collected works in six volumes] Sobranie sochinenii v shesti tomakh. Moskva, Khudozhestvennaya literatura. Vol. 2. [Contemporaries] Sovremenniki, 1965. 772 p.
- CHUZHMIR, A.A. [Book of unique fairy tales; a tale and stories] Knizhka nepovtorimyykh skazok; povest' i rasskazy. Moskva, Sovetskaya Rossiya, 1965. 109 p. (IU)
- [CONCISE ENCYCLOPEDIA OF LITERATURE] Kratkaya literaturnaya entsiklopediya. Glav. red. A.A. Surkov. Chleny red. kolegi: Kh. Sh. Abdusamatov i dr. Moskva, Sovetskaya Entsiklopediya. Vol. 3. Iakov - Laksness. 1966. 976 columns. (Entsiklopedii, slovari, spravochniki)
- CVIRKA, PETRAS. Frank Kruk. Vilnius, Vaga, 1966. 510 p. [in Lithuanian]
- DAIONUA, A.N. [The gurgling spring; verse. Translated from the Abkhazian] Zhurchalashtchi rodnik; stikhi. Moskva, Sovetskii pisatel', 1965. 86 p. (IU)
- DANKO, M.M. [Starlit window; poems] Zoriane vikno; poezii. Kyiv, Molod', 1965. 57 p. (Persha kniha) (IU)
- DAVYDOV, ENVER. [How a stone comes to life; verse and a poem] Kak ozhivaet kamen'; stikhi i poema. Moskva, Sovetskii pisatel', 1965. 76 p. (IU)
- DAVYDOV, ISAI. [Sentimental waltz; stories] Sentimental'nyi val's; rasskazy. [Saratov] Privolzhskoe knizhnoe izd-vo, 1964. 325 p. (NNC)
- DEDIUKHIN, V.A. [April shower; a tale, stories] Aprel'skii liven'; povest', rasskazy. [Saratov, Privolzhskoe knizhnoe izd-vo, 1965] 220 p. (IU)
- DEGTEREVA, T.A., ed. [Language and style] Iazyk i stil'. Moskva, Mysl', 1965. 237 p.
- DERGACHEVA-SKOP, E.I. [From the history of the 17th century literature of the Urals and Siberia] Iz istorii literatury Urala i Sibiri XVII veka. Sverdlotsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 152 p. (Doklady Sverdlovskogo literaturnogo muzeya im. D.N. Mammina-Sibirskaya)
- DITERIKHS v-DITRIKHSHEIN. [Collected verse, 1912-1964] Sobranie stikhov, 1912-1964. Brussels, Rodnye perezovery [1965] 173 p. (NIC)
- DMITRIEV, P.A. [Studies of the syntax of Serbo-Croatian] Ocherki po sintaksisu serbokhorvatskogo yazyka. [Leningrad] Izd-vo Leningr. univ., 1966. 106 p.
- DOBROVOL'S'KYI, S.P. [Ochakov conflict; an historical novel] Ochakiv's'kyi rozmyr; istorichnyi roman. [Kyiv, Radians'kyi pys'mennyk, 1965] 427 p. (IU)
- DOROSHENKO, S.S. [Lev Tolstol, soldier and patriot; his military service and military activity] Lev Tolstol voim i patriot; voennaya sluzhba i voennaya delatel'nost'. Moskva, Sovetskii pisatel', 1966. 313 p.
- DOROSHEVICH, V.M. [Stories and essays] Rasskazy i ocherki. [Moskva] Mosk. rabochii, 1966. 487 p.
- DOSTOEVSKII, F.M. [Poor people; a novel] Bednye ljudi; roman. Moskva, Khudozhestvennaya literatura, 1966. 160 p. (Narodnaya biblioteka)
- DOSTOEVSKII, F.M. [Poor people; selected stories. Translated from the Russian] Vseedi imenesed; valimik jutustusi. Tallinn, Eesti Riiklik Kirjastus, 1964. 501 p. [in Estonian]
- DOVYDAITIS, JONAS. [Devil's thresholds; a story] Velnio slenksciai; apysaka. Vilnius, Vaga, 1966. 211 p. [in Lithuanian]
- DROZDOV, S.S. [Landslides; a tale] Opolzni; povest'. Stavropol', Knizhnoe izd-vo, 1965. 190 p. (NIC)
- DRUTSE, ION. [Leaves of sadness; a tale and stories. Translated from the Moldavian] List'ia grusti; povest' i rasskazy. Moskva, Khudozhestvennaya literatura, 1965. 318 p. (IU)
- DRUZHININ, V.N. [Corvette Bril', and other stories] Korvet Bril' i drugie povesti. [Leningrad] Lentzdat, 1965. 564 p. (MH)
- DUBITSKII, A.F. [A smile; stories] Ulybka; rasskazy. Alma-Ata, Zhazushy, 1965. 78 p. (IU)
- DUBOV, N.I. [Near an isolated tree; a tale] U odel'no stolashchego dereva; povest'. Moskva, Detskaya literatura, 1966. 158 p.
- DUZ', IVAN. [Ostap Vysnia; life and works] Ostap Vysnia; zhittia i tvorchist'. [Kyiv] Vyd-vo Kyivs'ko-ho univ., 1965. 249 p. (NeU)
- DYKHOVICHNYI, VL. [Honeymoon; a vaudeville in 3 acts and 6 scenes] Svadebnoe puteshestvie; vodevil' v 3 deystviakh, 6 kartinakh. Novaya redaktsiya. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 108 p.
- DZHAFAROV, MAMED DZHAFA. [Literary meditations] Literaturnye razmysleniia. Baki, Azerbaidzhan Dowlot Nashriyati, 1958. 198 p. [in Azerbaijani] (InU)
- EDEL'MAN, D.I. [The Yazghulami language] Iazghulamskiy yazyk. Moskva, Nauka, 1966. 216 p.
- EDLIS, IULIU. [A drop in the sea; a vaudeville in two acts without satiric songs, but with a happy end] Kapla v more; vodevil' v dvukh deystviakh bez kupletoy, no so schaslivym kontsom. Otv. red. L. Barulina. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 72 p.
- EFIMOV, G.A. [Short nights; verse and a poem. Translated from the Chuvash] Korotkie nochi; stikhi i poema. Moskva, Sovetskii pisatel', 1963. 117 p. (IU)
- EFIMOV, M.D. [In the land where the sun doesn't set; verse. Translated from the Yakut] V kraiu, gde solntse ne zakhodit; stikhi. Moskva, Sovetskii pisatel', 1965. 70 p. (IU)
- EFREMOV, I.A. [The Andromeda nebula] Tumannost' Andromedy. [Arkhangelsk] Severo-Zapadnoe knizhnoe izd-vo, 1964. 301 p.
- EFREMOV, IU. A. [The living for the living] Zhivym - zhivo; stikhi. Iaroslavl', Verkhne-Volzhskoe knizhnoe izd-vo, 1964. 150 p. (IU)
- EFREMOV, S.I. [Bell of Buchenwald; a tale] Kolokol Bukhenval'da; povest'. Kazan', Tatarskoe knizhnoe izd-vo, 1965. 238 p. (IU)
- EGOROV, IU. S. [Engle channel; stories and sketches] Orinaina protoka; rasskazy i ocherki. [Arkhangelsk] Severo-Zapadnoe knizhnoe izd-vo, 1966. 58 p.
- EMEL'IANOV, A.T. [Stars in the night; stories] Zvezdy v nochi; rasskazy. Moskva, Sovetskaya Rossiya, 1965. 136 p. (Korotkie povesti i rasskazy) (NIC)
- ERTEL', A.I. [The young lady from Volkhonka. A change. Strukov's career] Volkhonskaya baryshnya. Smena. Kar'era Strukova. Leningrad, Gos. izd-vo khudoz. lit-ry, 1959. 822 p. (IU)
- EVAL'D, IDA. [Ballad about a girl and a giant; a drama in 3 acts and 6 scenes] Ballada o dovushke i velikanu; drama v 3 deystviakh, 6 kartinakh. Otv. red. S. Evlakhov. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 83 p.

- EVTUSHENKO, V. I. [The Belogorsk nightingales; a tale in gay and serious stories] Belogorskie solov'i; povest' v rasskazakh veselykh i ser'eznykh. [Voronezh] Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 221 p. (CaOTU)
- FAINBERG, A. A. [Bicycle tracks; verse] Velotrekki; stikhi. Tashkent, Esh Gvardiya, 1965. 94 p. (NIC)
- FEDOROV, V. I. [A blade; lyrics, songs, humor, poems] Khotok; lirika, pesni, humor, poemy. Moskva, Voennoe izd-vo, 1965. 108 p. (IU)
- FEDOROV, V. I. [Eternal flame; a novel in tales] Vechnyy ogon'; roman v povestiakh. Moskva, Sovetskii pisatel', 1965. 326 p. (MIH)
- FEINBERG, I. L. [History of a manuscript; stories of a literary scholar] Istoriia odnoi rukopisi; rasskazy literaturoveda. Moskva, Sovetskaya Rossiya, 1963. 157 p. [MICROFILM]
- FIDROVSKAYA, A. S. [Masculine nouns ending in -a in the nominative plural; practice in normative study] Imena sushchestvitel'nykh mužskogo roda s formami -a v imenitel'nom padezhe množestvennogo chisla; opyt normativnogo izucheniia. [Kazan'] Izd-vo Kazanskogo univ., 1961 70 p. (CU)
- FRANKO, T. I. [Far and wide; humorous stories and studies] Uzdovzh i vpoperek; humoresky, etudy. Kyiv, Radnash'kyi pys'mennyk, 1965. 50 p. (IU)
- FROLOV, V. V. [A slip of sky; verse] Glotok neba; stikhi. [Arkhangel'sk] Severo-Zapadnoe knizhnoe izd-vo, 1966. 61 p.
- GADZHIBEKOV, UZBEK. [Collected works in ten volumes] Eclairci on chikhe. Baky, Azerbajdjan SSR Elmter Akademijasy Neshriyaty. [In Azerbajdjan] Vol. 2. 1965. 411 p.
- GAINULLIN, GABDULLA. [Desire; a tale. Zholanie; povest']. Ufa, Bashkirskoe knizhnoe izd-vo 1958. 104 p. [In Bashkir] (MIU)
- GASULTANOV, UMAR. [True friend; a tale and stories. Vornyi drug; povest' i rasskazy. Groznyi, Chechenskoyshskoe knizhnoe izd-vo] 1965. 115 p. [In Chechen] (MIH)
- GALIEV, A. S. [A needle and a bayonet; a heroic comedy in 2 acts and 5 scenes] Igl i stikhi; geroticheskaya komediya v 2 deistviakh, 5 kartinakh. Otv. red. V. Tsvituk. Moskva, Otdel rasprostraneniia dramatičeskikh proizvedenii VUOAP, 1966. 70 l.
- GARIBIAN, A. S., and D. A. GARIBIAN. [Concise course in Armenian; a textbook for independent study] Kratkiy kurs armenianskogo yazyka; posobie dlia samostoiatel'nogo izucheniia. 3. izd. Erevan, Lsis, 1965. 523 p.
- GEGESHIDZE, Z. T. [Illegal presses of Bolshevik organizations in Georgia, 1900-1920. Nelegal'nye tipografii bol'shevistskikh organizatsii Gruzii (1900-1920 gg.) Tbilisi, Sabchota Sakartvelo] 1965. 281 p. [In Georgian]
- GERMAN, I. P. [I am responsible for everything; a novel] JA otvechayu za vse; roman. Moskva, Sovetskii pisatel', 1965. 898 p. (CU)
- GITOVICH, A. I. [Winter messages to friends; verse] Zimnie poslaniia друз'iam; stikhi. [Leningrad, Sovetskii pisatel', 1965] 162 p. (IU)
- GLADKOV, F. V. [Reminiscences of contemporaries; a collection] Vospominaniia sovremennikov; sbornik. Moskva, Sovetskii pisatel', 1965. 270 p. (NCU)
- LUKHOVSKII, S. D. [The home we leave; a drama in two acts with a prologue and epilogue] Dom, kotoryi my pokidaem; drama v dvukh deistviakh, s prologom i epilogom. Moskva, Iskusstvo, 1966. 64 p. (Reper-tuar khudozhestvennoi samodelatel'nosti, no 3)
- GLUSHCHENKO, V. F. [The sad experience of Lenochka Baranova; a tale] Pechal'nyi urok Lenochki Baranovoi; povest'. [Moskva] Molodain gvardiya, 1965. 140 p. (Rovesnik) (MIH) (NNC)
- GOLIAVKIN, V. V. [My good papa; a tale] Moi dobryi papa; povest'. Leningrad, Detskaya literatura, 1966. 92 p. [Skol'naya biblioteka]
- GOLOVIN, B. N. [Introduction to linguistics] Vvedenie v lyazykoznaniye. Moskva, Vysshaya shkola, 1966. 331 p.
- GORNUNG, B. V. [Formation of the Indo-European linguistic community; Proto-Indo-European components or substrata of other language families. Expanded edition of a report presented at the 7th International Congress of Anthropological and Ethnological Sciences] K voprosy ob obrazovanii indoevropelskoi izykovoi obshchnosti; protindoevropelskie komponenty deklaratsii na VII Mezhduнародnom kongresse antropologicheskikh i etnograficheskikh nauk. Moskva, 1964. 45 p. (MIH)
- GORYSHIN, G. A. [Snow in October; stories and a tale] Sneg v oktubre; rasskazy i povest'. [Leningrad] Lenizdat, 1966. 204 p.
- GRADOV, P. M. [Special assignment; a heroic musical comedy in verses, in 2 acts and 5 scenes] Osoboe zadanie; geroticheskaya muzykal'naya komediya v stikhiakh v 2 deistviakh, 5 kartinakh. Otv. red. M. Stel'makh. Moskva, Otdel rasprostraneniia dramatičeskikh proizvedenii VUOAP, 1966. 83 l.
- GRAZHDANSKAYA, Z. T. [Bernard Shaw; study of his life and work] Bernard Shou; ocherk zhizni i tvorčestva. Moskva, Prosveshchenie, 1965. 210 p. (MIH)
- GRIBACHEV, N. M. [And it turns around...; a collection of essays] A ona verititsa...; publisistika. Moskva, Sovetskaya Rossiya, 1966. 197 p.
- GUDAITIS-GUZEVICIUS, A. [Conspiracy; a novel] Sanokslas; romanas. Vilnius, Vaga. [In Lithuanian] Vol. 1. 1964. 722 p.
- GULIA, G. D. [How stories are written] Kak pisat'sia rasskazy. Moskva, Pravda, 1965. 47 p. [Biblioteka "Ogonek," no. 23] (MIH)
- GUSEINZADE, GUSEIN. [On the way; a poem. Translated from the Azerbajdjan] V puti; poema. [Moskva, Sovetskii pisatel', 1965] 81 p. (IU)
- HAARVAOKS, PAUL. [A song of the great thesaurus; poems] Lau suurust salvest; lauletusi. Tallinn, Kirjastus "Eesti Raamat," 1965. 117 p. [In Estonian]
- HAHNBYDA, MYKOLA. [Evening campfire; poetry] Vechirni khatat'ia; poezi. Kyiv, Radnash'kyi pys'mennyk, 1965. 114 p. (CU)
- HALEK, VITEZSLAV. [At the farmstead and in the hut. Translated from the Czech] V usede i v khizline. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 107 p. (IU)
- HASEK, JAROSLAV. [Collected works in five volumes. Translated from the Czech] Sbornik sochinenii v plati tomakh. Moskva, Pravda (Biblioteka "Ogonek") Vols. 4-5. 1966. 2 v.
- HORDIENKO, DMYTRO. [Selected works] Vybrane. Kyiv, Radnash'kyi pys'mennyk, 1965. 290 p. (NN)
- HORDIENKO, K. O. [Winter tale (party candidate). Zymova povist' (kandydat partii). Kyiv, Radnash'kyi pys'mennyk, 1965. 109 p. (IU)
- HRABCHYKAU, S. M., ed. [Verse, one-act plays; a collection for school amateur performance] Vorehy, adnaklovyya p'esy; zbornik dlia shkol'noi mashtabskoi samodeiatel'stva. Minsk, Dziarzh. vucheb.-pedagog. vyd-va M-va navety BSSR, 1961. 210 p. (NN)
- HRABOVSKYI, V. B. [Keys; poetry] Kituchi; poezi. Kyiv, Molod', 1965. 67 p. (Persha knyha) (IU)
- HRIVNEVYCH, YAROSLAV. [Franko, the believer; on the hundredth anniversary of the birth of the great son of the Ukraine] Virnuchyi Franko; u storichchia narodny velykoho syna Ukrainy. New York [Nakladom 2-ho viddil OCHSU, 1956] 29 p. (NN)
- IAKOVLEV, I. I. A. [Winter rainbow; verse] Zimnaya raduga; stikhi. Moskva, Sovetskii pisatel', 1965. 93 p. (IU)
- IAKOVSKII, N. N. [Afanasii Koptelov; a critical and biographical study] Afanasii Koptelov; kritiko-biograficheski ocherk. Moskva, Sovetskii pisatel', 1966. 154 p.
- IAKOVSKYI, IURII. [The horsemen; a novel] Vershnyky; roman. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1964. 125 p. (IU)
- IASHIN, A. I. A. [Barefoot along the earth; verse] Bosikom po zemle; stikhi. Moskva, Sovetskii pisatel', 1965. 169 p. (IU)
- IKRAM, MAVLIAN. [A good mood; verse. Translated from the Uzbek] Khorooshe nastroyeniye; stikhi. Tashkent, 1965. 79 p. (IU)
- IL'F, I. A., and E. P. PETROV. [The golden cat] Zolotai teifonok. Tula, Priekskoe knizhnoe izd-vo, 1965. 331 p.
- [INDONESIAN TALES] Indoneziia ertekleri. Ashgabat [Turkmenizdat] 1958. 30 p. [In Turkmen] (NIC)
- [INDONESIAN TALES. THE CUNNING KANCHU]. Indoneziiska skazki. Khitroumyi kanchu. Kazan', Tatknigotzdat, 1957. 90 p. [In Tatar] (NIC)
- IRD, KAAREL. [Ceterum censeo or thoughts of a cool summer] Ceterum censeo ok Juhedate suvedo jutte. Tallinn, Kirjastus "Eesti Raamat," 1965. 397 p. [In Estonian]
- ISHIKAWA, TAKUBOKU. [Lyric poems. Translated from the Japanese] Lirika. Moskva, Khudozhestvennaya literatura, 1966. 177 p. [Sokrashchennaya lirichesko poezi]
- IVANOV, I. N. [Golden Coryphaean; a tale] Zolotai Korifona; povest'. Moskva, Mysl', 1966. 174 p. [Puteshestvie, priklucheniia, fantastika]
- IVANOVA, V. F. [Present-day Russian; its writing and orthography] Sovremennyy russkii yazyk; grafika i orografiia. Moskva, Prosveshchenie, 1966. 264 p.
- IVANTER, N. A. [Once and forever; a play in three acts] Odnazhdy i navsegda; p'esa v trekh deistviakh. Otv. red. N. Davydova. Moskva, Otdel rasprostraneniia dramatičeskikh proizvedenii VUOAP, 1966. 93 l.
- KADZYTE, LIUDA. [Teaching spelling in grades 5-8; methodology of teaching Lithuanian] Itasybos mokymas V-VIII klasei; itasybu kalbos desymo metodika. Vilnius, Mintis, 1966. 190 p. [In Lithuanian]
- KARIMULLIN, A. G., comp. [Musa Dzhalil; a bibliography, 1919-1961] Musa Dzhalil; bibliografiia, 1919-1961. Kazan', Nauchnaya biblioteka, 1961. 78 p.
- KARNAUKHOVA, I. V. [A tale about friends. Our own children] Povest' o družnykh. Nashi sobstvenno. Leningrad, Detskaya literatura, 1966. 374 p.
- KARPOV, A. S. [Verse and the times; problems of the development of versification in Soviet Russian poetry of the 1920's] Stikhi i vremena; problemy stikhotvornogo razvitiia v russkoi sovetskoi poezi 20-kh godov. Moskva, Nauka, 1966. 402 p.
- KASTANKOU, MIKHAS'. [The knot; a novel] Viaz'mo; roman. Minsk, Belarus', [1965] 326 p. [Publ. under his pseud. Mikhas' Zaretski]
- KATARSKII, I. M. [Dickens in Russia; the middle of the 19th century] Dikkena v Rossii; serebriina XIX veka. Moskva, Nauka, 1966. 426 p.

- KATKUS, MIKALOJUS. [Works] Rastai. Vilnius, Vaga, 1965. 630 p. [In Lithuanian]
- KAYERIN, V.A. [How are you, brother, it's very difficult to write; portraits, letters about literature, reminiscences] Zdravstvui, brat, pisat' ochen' trudno; portrety, pis'ma o literature, vospominaniya. Moskva, Sovetskii pisatel', 1965. 255 p. (MH)
- KAZAKOV, I.U.P. [Smell of bread; stories] Zapakh khleba; rasskazy. Moskva, Sovetskaya Rossiya, 1965. 93 p. (Kerotkie povesti i rasskazy) (JEN)
- KAZAKOV, N.P. [When wrath burns hearts; a documentary tale] Kogda gnev obzhigaet serdtsa; dokumentalnaya povest'. Izd. 2. [Moskva] Mosk. rabochii, 1955. 242 p. (CSI-II)
- KAZAKOVA, R.F. [They don't cry in the taiga; verse] V taige ne plachut; stikhi. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1965. 127 p. (NIC)
- KAZEKA, IANKA. [Kandrat Krapiva; critical and biographical sketch] Kandrat Krapiva; krytyka-biografichnyy narys. [Minsk] Belarus' [1965] 166 p. (JNU)
- KEKILOV, AMAN. [Love; a novel in verse. Translated from the Turkmen] Lyubov'; roman v stikhakh. Moskva, Sovetskii pisatel', 1965. 216 p. (MH) (NNC)
- KESAMAA, MANIVALD. [Tallinn - Africa] Tallinn-Afrika. Tallinn, Eesti Raamat, 1965. 1 v. illus. [In Estonian]
- KHADKEVICH, TARAS. [An orchard in bloom; stories and sketches] Sad u kvetsen; apyriadanni, narysy. [Minsk, Belarus', 1966] 218 p.
- KHAMZIN, K.Z., M.I. MAKHMUTOV, and G.SILSAI-FULLIN. [Arabic-Tatar-Russian dictionary of loan words; Arabic and Persian elements in the language of Tatar literature. With a supplementary guide to Arabic grammar compiled by M.I. Makhmotov] Arabsko-tatarsko-russkii slovar' zaimestvovani; arabizmy i farsizmy vazyake tatarskoi literatury. S prilozheniem spravocnika po arabiskoi grammatike, sostavlenogo M.I. Makhmotovym. Kazan', Tatarskoe knizhnoe izd-vo, 1965. 853 p.
- KHASANOV, KHAMIDULLA. [Haftz Abru, Haidar Mirza, Filipp Efremov. Khalizi Abru, Khalidar Mirza, Filipp Efremov. Tashkent, Nauka UzSSR] 1964. [Zhizn' gamechatel'nykh liudei] [In Uzbek] (MH)
- KHAZRI, NABI, pseud. [Who will remember me; verse and a poem. Translated from the Azerbaijani] Kto vspomnit menia; stikhi i poema. Moskva, Sovetskii pisatel', 1965. 94 p. (U)
- KHELFIN, K.IA. [Anna's mistake; a drama in 4 acts and 9 scenes] Oshibka Anny; drama v 4 deystviakh, 9 kartinakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 62 l. [Publ. under his pseud. Konstantin Finn]
- KHINTIBIDZE, AKAKII. [Problems of poetics] Voprosy poetiki. Tbilisi, Metsnereba, 1965. 215 p. [In Georgian] (MH)
- KHOLOD, V.P. [One doesn't drown in the human sea; a narrative in three revelations] V more ljudskom ne tonut; povestvovanie v trekh okroveniyakh. [Khar'kov, Prapor, 1965] 349 p. (MH)
- KHOLOPOV, G.K. [A terrible year. Fires in the bay; novels] Groznyy god. Ogn'i v bukhe; romany. [Perep. izd. Leningrad] Lenzdat, 1966. 550 p.
- KHOMENKO, I.E. [Living grain; verse, a legend, and dramatic poems] Zhyve zerno; virshi; legenda ta dramatychni poemy. Kyiv, Dnipro, 1965. 161 p. (U)
- KHOMENKO, N.I., ed. [Problems of Soviet literature] Voprosy sovetskoi literatury. Khabarovsk, Khabarovskii gos. pedagog. in-t, 1965. 186 p. (MH)
- KHUGAEV, GEORGH. [Husband of my wife; a comedy-vaudeville in three acts] Muzh moei zheny; komedia-vodevil' v trekh deystviakh. Otv. red. A. Beliaev. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 69 l.
- KIEV, UNIVERSITY. [Methodological problems of linguistics] Metodologichni pytannia movoznavstva. Kyiv, Naukova dumka, 1966. 211 p.
- KLDIASHVILI, S.D. [When I look from Zedazeniya. Kogda glinzhu ia s Zedazeni]. Tbilisi, Nakaduli, 1964. 156 p. [In Georgian] (MH)
- KLIUSAU, H.N., and A.L. IUREVICH. [Modern White Russian punctuation] Suchasnaia belaruskaya punktsiia. Pad red. M.S. Iurevicha. Minsk, Vysheishala shkola, 1966. 246 p.
- KOBLIKOV, V.V. [Escape to nightingale daybreaks; a tale and stories] Pobeg v solov'inye zori; povest' i rasskazy. [Tula] Priokskoe knizhnoe izd-vo, 1965. 291 p.
- KOBRIN, IURII, and LEONID SHAROGRADSKII. [Spring sufferings; a vaudeville in 3 acts and 4 scenes] Vesennie stradanija; vodevil' v 3 deystviakh, 4 kartinakh. Muzyka kompozitora M. I. Dvoitina. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 77 l.
- KOKOVIN, E.S. [White sail; a tale] Beloe krylo; povest'. [Arkhangelsk Severo-Zapadnoe knizhnoe izd-vo, 1966. 108 p.
- KOLIAGIN, M.F. [After night comes morning; a tale and stories] Posle nochi - utro; povest' i rasskazy. [Chelabinsk] Uzhno-Ural'skoe knizhnoe izd-vo, 1965. 93 p. (NIC)
- KONOPLIN, N.T. [In the moonlight; tales and stories] V lunnom svetle; povesti i rasskazy. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 221 p. (U)
- KONVSEAR, V.T. [Sown field; a tale] Zastiane polo; povest'. L'viv, Kameniar, 1965. 298 p. (MH)
- KORKINA, Z.A. [Differentiation of sounds; a textbook for corrective speech instructors and teachers] Differentsiatsiia zvukov; posobie dlia logopedov i uchitelei. Moskva, Prosveshchenie, 1965. 1 v. [Text] 15 p.
- KOROLENKO, V.G. [Without a language] Bezazyka. Moskva, Detskaya literatura, 1966. 158 p. [Shkol'naya biblioteka]
- KORSHUNOV, I.I. [The whole heart to the people] Vse serdtsa - ljudiam. Moskva, Sovetskaya Rossiya, 1965. 143 p. (NIC)
- KOTSUBYNS'KYI, MYKHAILO. [Life be praised!] Khvala zhyttiu! Kyiv, Dnipro, 1964. 277 p. (NN)
- KRAPIVA, KANDRAT, pseud. [Collected works] Zbor tvorau. Minsk, Dal'vzh. vyd-va BSSR, 1963. 4 v. (CaOTU)
- KREVE-MICKEVICIUS, VINCAS. [Sirunas, Duke of Dainava; a story of olden days] Dainavos kunigaitis; senuju dienu gyvenimo pasaka. Vilnius, Vaga, 1966. 477 p. [In Lithuanian]
- KROTEVYCH, IE. M. [Kiev encounters; reminiscences and novelettes] Kyivs'ki zustrichi; spohady ta novely. Kyiv, Dnipro, 1965. 334 p. (CaOTU)
- KRUS, M., and L.I. SHKARBAN. [The Tagalog language] Tagal'skii yazyk. Moskva, Nauka, 1966. 101 p. [Azyki narodov Azii i Afriki]
- KUL'S'KA, I.K. [Short Tail] Kutysi Khvisti. [Kyiv, Dytvydav URSSR, 1964] 12 p. [Dlia doshki'nohovyku] (U)
- KULYK, B.M. [A course in modern Ukrainian literary language; a textbook for faculties of language and literature at pedagogical institutes] Kurs suchasnoi ukrains'koi literaturnoi mowy; pidruchnyk dlia fakultativ mowy i literaturny pedagog. instytutiv. Vyd. 2., perer. i dop. Kyiv, Radians'ka shkola, 1965-1 v. (NIC)
- KUSHTENKO, IVAN. [Glow; stories] Zahrava; povest-dannia. Kyiv, Radians'kii pys'mennyk, 1965. 196 p. (MH)
- KUZNETSOV, A.IU., and IU. MARKOV. [A blow in the darkness; a detective play in 3 acts] Udar v temnotu; detektiv v 3 deystviakh. Otv. red. N. Gurev. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 86 l.
- KUZNETSOVA, L.I. [Meteorite hunter] Okhotnik za meteoritami. Moskva, Sovetskaya Rossiya, 1965. 149 p. (NNC)
- KYLYNA, PATRYTSIA. [Legends and dreams; poetry] Legendy i sny; poezi. New York, Vyd-vo N.Yu. [In Ukrainian] (CY)
- LANINA, V.P. [Poetry of strict love; on the lyrics of Iaroslav Smellakov] Poezia strogoi lyubvi; o lyubvi Iaroslava Smellakova. Moskva, Sovetskii pisatel', 1965. 190 p. (RPB)
- LASHIKOV, I.V. [About a soldier's moustache; humor and satire] Pro soldatskie usy; humor i satira. [Moskva] Glav. Polit. upr. Sovetskii Armii i Voenno-Morskoi Flota, 1966. 47 p. [Biblioteka zhurnalov "Sovetskii voen." no. 9(532)]
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIA. Valodas un literaturas latvianu. [Latvian literature; a biographical dictionary] Latviscu literaturas darbiniku biogr. un fiska vardnica. Riga, Zinatne, 1965. 375 p. [In Latvian]
- LAZAREV, V.IA. [Seven blossoms of hope; lyrics] Sem' tsvetov nadezhdy; lirika. [Moskva] Molodaya gvardiia, 1966. 94 p.
- LE, IVAN, pseud. [Khmel'nyts'kyi; an historical novel in three volumes] Khmel'nyts'kyi; istorichnyi roman u tri'kh knyakh. Kyiv, Dnipro, 1965. 3 v.
- LENINGRAD. PUBLICHNAIA BIBLIOTHEKA. [Index of the works of Leo Tolstoy; an index of literature] Lev Nikolaevich Tolstoi; ukazatel' literatury. Izd. 2., izmen. i dop. Leningrad, 1954. 1 v. (NNC)
- LESYCH, VADYM. [Stone echoes; poetry, 1960-1964] Kam'iant lmy; poezi, 1960-1964. New York, Vyd. Organizatsii Choty'okh Svobid Ukrainy, 1964. 60 p. (NNC)
- LESYN, V.M. [Vasyi' Stefanyk and Ukrainian prose at the end of the 19th century; a compendium of lectures for a special course] Vasyi' Stefanyk i ukrains'ka proza na konci XIX st.; konpekt lektsii spetsialnogo kursu. Chernivets'kyi Derzh. univ., 1965. 83 p. (MH)
- LEVIN, IAKOV. [Cosmonaut 101; a comedy in three acts] Kosmonavt 101; komedia v trekh deystviakh. Otv. red. N. Davydova. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 73 l.
- LEVUSHKIN, A.I. [Puffblowers; verse for children] Sledopyty; stikhi dlia detei. [Arkhangelsk] Severo-Zapadnoe knizhnoe izd-vo, 1966. 22 p.
- LIFAR, SERGE. [My foreign Pushkiniana; Pushkin exhibitions and editions] Moia zarubezhnaya Pushkina; pushkinskie vystavki i izdaniia. Paris, 1966. 167 p. [In Russian and French]
- LIIVES, ARDI. [Letter to a stranger (Staircase); a play in three acts] Pis'mo neizvestnomu (Lestitsa); p'sya v trekh deystviakh. Otv. red. V. Matishenko. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 95 l.
- LIN'KOV, L.A. [A robust fellow] Krepyah. [Moskva] Malys, 1966. 10 p.
- LIUSHNIN, G.I. [Flory spring] Ognennyi rodnia. Moskva, Sovetskaya Rossiya, 1966. 110 p. [Shkol'naya Rossiia]
- LOJKA, A.A. [Maksim Bahdanovich. Minsk] [Nauchn. i tekhnika] 1966. 333 p.

- LOMIA, KONSTANTIN. [Lunar silence; verse and a poem. Translated from the Abkhaz] Lunnaia tishina; stikhi i poema. Moskva, Sovetskii pisatel', 1965. 104 p. (IU)
- LOS', E. I. A. [Beauty; lyrics] Kharastvo; liryka. Minsk, Belarus', 1965. 130 p. (MH)
- LUGOVSKII, V. A. [Verse and poems] Silkhovorenii i poemy. Moskva, Sovetskii pisatel', 1966. 636 p. (Biblioteka poeta. Bol'shaya seriya. 2. izd.)
- MAIKOV, V. I. [Selected works] Izbrannye proizvedeniia. Vstup. stat'iia, podgotovka teksta i primechania A. V. Zapadova. Moskva, Sovetskii pisatel', 1966. 501 p. (Biblioteka poeta. Bol'shaya seriya. 2. izd.)
- MAKLARSKII, MIKHAIL, and KIRILL RAPOPORT. [Richard Sorge (press attaché in Tokyo); a heroic drama in 12 episodes] Rikhard Zorge (press-attache v Tokio); geroticheskaia drama v 12 epizodakh. Novaya redaktsiia. Otv. red. V. Malashenko. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 83 l.
- MAKSIMOV, V. E. [Man is alive; tales, stories] Zhiv chelovek; povesti, rasskazy. [Magadan] Magadanskoe knizhnoe izd-vo, 1965. 158 p. (NIC)
- MAL'DZIS, A. I. [Creative fraternal relations; White Russian and Polish literary relations in the 19th century] Tvorchasie brat'stva; belarusska-pol'skiiia literaturnyia uzaemnosvazi v XIX st. Minsk, Navuka i tekhnika, 1966. 157 p.
- MALININ, A. S. [Lunacharskii on proletarian writers] Lunacharskii o proletarskikh pisatel'akh. Minsk, Vysshaya shkola, 1965. 71 p. (MH) (NIC)
- MAND, HELJO. [Under the rainbow] Vikerkaar e all. Tallinn, Eesti Raamat, 1965. 70 p. [In Estonian]
- MANN, IU, V. [On the grotesque in literature] O groteska v literature. Moskva, Sovetskii pisatel', 1966. 181 p.
- MARCHENKO, A. T. [As the sun to the day] Kak poitse dnu. Moskva, Voennoe izd-vo, 1965. 300 p. (NIC)
- MARSHAK, S. I. A. [The king's breakfast; from A. A. Milne] Korolevskii buterbrod; iz A. A. Mil'na. Moskva, Det'skaya literatura, 1965. 10 p. illus. (MIU)
- MARSHAK, S. I. A. [Lyrical epigrams] Liricheskoe epigrany. [Moskva, Sovetskii pisatel', 1965] 90 p. (MH) (RPB)
- MATUSHKIN, V. S. [At a miraculous spring; a tale and stories] U chudotvornogo istochnika; povest' i rasskazy. [Moskva] Moskovskii rabochii, 1960. 194 p.
- MAULENOV, SYRDAI. [The earth's sun; verse and a poem. Translated from the Kazakh] Zemnoe solntse; stikhovorenii i poema. Alma-Ata, Zhazuyshy, 1965. 92 p. (IU)
- MAUZON, ARKADZ'. [Selected plays] Vybrannaya p'esy. Minsk, Belarus', 1964. 312 p. (NNC)
- [MEETING THE FRONTIER] Vstrecha s granitsel. Uzhgorod, Karpaty, 1966. 237 p.
- MELEZH, IVAN. [The breath of a blizzard; a novel from the history of the Polesye] Podykh nava'itlay; roman z pateskai khroniki. Minsk, "Belarus", 1966. 566 p.
- MERI, VEIJO. [Manila rope. Translated from the Finnish] Manil'skii kanat. [Moskva] Molodaya gvardiia, 1965. 126 p.
- MORDICHIAN, HAROUTUNE. [Aksol' Bakunts. Erevan, Armanianskoe gos. izd-vo] 1958. 118 p. [In Armenian] (MH)
- MEZELAITIS, EDUARDAS. [Aerial studies; verse written in an airplane. Translated from the Lithuanian] Aviatyudy; stikhi, napisannye v samolete. Moskva, Khudozhestvennaia literatura, 1966. 310 p.
- MEZELAITIS, EDUARDAS. [Bread and the word] Duona ir zodis. Vilnius, Vaga, 1965. 269 p. (Poetinae publicistika) [In Lithuanian]
- MIKHAILOV, S. V. [Green grasshopper; a not very serious vaudeville in 4 scenes with 2 interludes in verse, circus items, and one entr'acte] Zelenyi kuznechik; nedostatochno ser'eznyi vodevil' v 4-kh kartinakh s 2-min intermediiami v stikhakh, tsirkovymi nomerami i odnim antraklom. Moskva, Iskusstvo, 1965. 135 p. (IU)
- MIKHAILOV, S. V. [I want to butt; tales for adults and children] Khochu bodat'sia; skazki dlia bol'shikh i malen'kikh. Moskva, Znaniie, 1965. 93 p. (Prochti lovarisheh) (IU)
- MOSCHOS, IOANNES, Eukratas, d. 610. [Al-Bustan; based on the Mount Sinai manuscript of the 10th century] Al-Bustan; po shiatskoi rukopisi X veka. Arabskii tekst s gruzinskimi perevodami i issledovaniem izdala R. V. Gvaramila. Tbilisi, Metsnereba, 1965. 151, 67 p. [In Arabic and Georgian]
- MOSCOW. AKADEMIIA OISHCHISTVENNYKH NAUK. [The multinational Soviet novel; characteristics of the development of the modern novel] Mnogonatsional'nyi sovetskii roman; zakonomernosti razvitiia sovremenogo romana. Moskva, Mysl', 1966. 306 p.
- MOVSESOV, A. A., and N. I. VOROB'EV. [Who are you? A drama in two parts] Kto ty? Drama v dvukh chastiakh. Otv. red. M. Medvedeva. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 88 l.
- MOZURUNAS, VLADAS. [Sea stanzas] Juros posmai. Vilnius, Vaga, 1965. 90 p. [In Lithuanian]
- MRELISHVILI, T. N. [Types of complex sentences in the language of N. V. Gogol'] (Evenings on a farm near Dikan'ka) Vidy slozhnopolozhennogo predlozheniia vazyke N. V. Gogolia (Vechera na khutore bliz Dikan'ki). Tbilisi, Izd-vo Tbilisskogo gos. univ., 1960. 386 p. (RPB)
- MURATOV, I. L. [Born with a silver spoon in one's mouth; a novel] U sorochisi narodzhennyi roman. Kyiv, Radians'kii pys'mennyk, 1965. 353 p. (IU)
- MUSAIEV, S. [Kirghiz literature; a textbook for the 8th grade of secondary school. Kirgizskaya literatura; uchebnik dlia 8 klassa srednei shkoly. Frunze, Kirgizchpedgiz] 1957. 184 p. [In Kirghiz] (IU)
- [MY LITHUANIAN; a selection of Soviet poetry] Manoji Lietuva; larybines poezijos rinkinys. Vilnius, Vaga, 1965. 438 p. [In Lithuanian]
- NADZHARIAN, EGIA. [Whirlpool; stories] Vodovorot; rasskazy. Erevan, Ainstan] 1965. 184 p. [In Armenian] (MH)
- NASYRI, IMAI. [Kudet; a novel. The conquered slough; a tale. Translated from the Bashkir] Kudet; roman. Pobozhdenyi omut; povest'. Moskva, Sovetskii pisatel', 1965. 305 p. (IU)
- NAZAROV, I. M. [King of card island] Korol' kartochnogo ostrova. Novostibresk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 183 p. (IU)
- NAZAROV, IGAT. [Pantilov's men; folk drama in three acts] Pantilovskiy; narodnaya drama v trekh dolystvliakh. Novaya red. Otv. red. M. Svetlakov. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 78 l.
- NEKRASOV, N. A. [Three parts of the world; a novel] Tri strany sveta; roman. Iaroslavl', Verkhne-Volzhscoe knizhnoe izd-vo, 1965. 836 p.
- NEKRASOV, V. P. [Vasia Konakov; stories] Vasia Konakov; rasskazy. Kyiv, Vyd-vo Khudozhnol lit-ry. 1965. 285 p. (RPB)
- NEVEROV, S. V. [Concise Bulgarian-Russian phrase book] Kratuk bulgaro-ruski razgovornik. 3. izd. Moskva, Kn-vo na chuzhdi ezitel, 1963. 116 p. (Cty)
- NEWERLY, IGOR. [The forest sea; a novel. Translated from the Polish] Lesnoe more; roman. Moskva, Izd-vo inostr. lit-ry, 1963. 537 p. (OU)
- NIET, ELLEN. [Tales of Pille-Rini] Pille-Rini lood. Tallinn, Eesti Riiklik Kirjastus, 1963. 111 p. [In Estonian]
- NOVIKOV, IVAN. [The roads crossed in Minsk; a documentary tale] Dorogi skreslilis' v Minske; dokumental'naya povest'. [Minsk] Belarus', 1966] 438 p.
- OLINIK, D. I. A. [A selection; poetry] Vybir; poezii. Kyiv, Radians'kii pys'mennyk, 1965. 94 p. (IU)
- OLINIK, STEPAN. [In the Donets steppe; satire and humor] S stepi donetskoi; satira i humor. [Moskva] Molodaya gvardiia, 1958. 94 p. (IEN)
- [ONE-ACT PLAYS] Odnokaktn p'esy. Kyiv, Mystetstvo. No. 1. 1964. 1 v. (Biblioteka khudozhestvennoi samodelatel'nosti, no. 15) (NN)
- ORAVECZ, PAULA. [Disheveled; a novel. Translated from the Hungarian] Lokhmatala; roman. Moskva, Izd-vo inostr. lit-ry, 1959. 443 p. (IEN)
- ORLOV, S. S. [Lyrics] Lirika. [Leningrad] Lantdat, 1966. 118 p.
- OSEEVA, V. A. [Magic word] Volshchnoe slovo. Moskva, Det'skaya literatura, 1964. 45 p. (Shkol'naya biblioteka dlia nerusskikh stikot) (MDU)
- OSMANIS, JAZEPS. [The little stork; a poem about childhood. Translated from the Latvian] Atstenok; poema o detstve. Riga, Izd-vo Lieuma, 1965. 55 p. (MIU)
- OSTROVSKII, N. A. [How the steel was tempered; a novel] Kak zakalilas' stal'; roman. Moskva, Izvestiia, 1965. 380 p. illus. (Biblioteka "Pisatel'stvo lot Sovetskogo romana") (MH)
- OVCHINNIKOVA, I. K., and A. K. MAMED-ZADE. [A textbook of Persian; for the first year of study] Uchebnik persidskogo yazyka; dlia pervogo goda obucheniia. [Moskva] Izd-vo Mosk. univ., Pt. 1. 1966. 449 p.
- OZEROV, L. A. [Work, passion, inspiration] Trud, strast', vdokhnovenie. Moskva, Znaniie, 1966. 46 p. (Novoe v zhizni, nauche, tekhnike. VI Seriya: Literatura i iskusstvo, no. 7)
- [P.]
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- P
- F
- I

- PAVLOVSKII, A.I. [The contemporary poets: VI. Lugovskoi, Ol'ga Berggol'ts, Anna Akhmatova, Nazym Khikmet, Nikolai Zabolotskii, E. Mezheleitis, Boris Ruch'ev] Poetyi sovremenniki: VI. Lugovskoi, Ol'ga Berggol'ts, Anna Akhmatova, Nazym Khikmet, Nikolai Zabolotskii, E. Mezheleitis, Boris Ruch'ev. Moskva, Sovetskii pisatel', 1966. 207 p.
- PESTROVO, CLAUDIA. [Flowers on the window-sill; verse] Tsvety na podokonnike; stikhi. 2. izd. [Yowie Bay, N.S.W.] Australia. 1965. 62 p.
- PIDSUKHA, O.M. [I go to the call; poetry] Idu na klych; poezii. Kyiv, Dnipro, 1965. 400 p. (CU)
- PLATONOV, A.P. [In a beautiful and raging world; tales and stories] V prekrasnom i iarostnom mire; povesti i rasskazy. Moskva, Khudozhestvennaia literatura, 1965. 620 p. (MU)
- PODZELINSKII, M.M. [Bakhchanov; a novel] Bakhchanov; roman. Moskva, Sovetskii pisatel', 1965. 902 p. (IEN)
- POLIAKOV, V.D. [Communist Youth League members of a tractor factory] Komсомол'sy traktor'nogo. [Moskva] Molodai gvardiia, 1962. 37 p. (Komсомол'skamu aktivistu) (NcD)
- POPOV, A.S. [The iron torrent] Zheleznyi potok. Moskva, Khudozhestvennaia literatura, 1965. 174 p. (Narodnaia biblioteka) [Publ. under his pseud. A.S. Serafimovich] (NJR)
- POPOV, V.M. [Phonetics of the Russian literary language with elements of the Uzbek] Fonetika russkogo literaturnogo iazyka s elementami uzbekskogo. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 142 p.
- POSLEDOVICH, MAKAR. [Along with you; a tale] S toboi riodom; povest'. [Minsk] Belarus', 1966. 279 p.
- POZNANS'KA, M.A. [The small viburnum] Kalynon'ka. [Kyiv, Dytvydav URSSR, 1964] 14 p. illus. (Dla doshchit'noho viku) (IU)
- PRAVDIN, L.N. [Right after the storm] Srazu posle grozy. [Perm's Permskoe knizhnoe izd-vo, 1965] 371 p.
- PRESKIEINIS, B. [Literary criticism in the Lithuanian communist press of 1917-1940] Literaturne kritika slėtuviu komunistinėje spaudoje 1917-1940. Vilnius, Vaga, 1966. 193 p. [In Lithuanian]
- PRIDVOROV, D.E., and A.V. PRIAMKOV, comp. [Recollections on Dem'ian Bednyi] Vospominaniia o Dem'iane Bednom. Moskva, Sovetskii pisatel', 1966. 430 p.
- PROKOF'EV, A.A. [Lyrics] Lirika. [Leningrad] Lenizdat, 1966. 363 p. (OU)
- PROKOPOVICH, N.M. [Word combination in present-day literary Russian] Slovosochetanie v sovremenom literaturnom iazyke. Moskva, Prosveshchenie, 1966. 398 p.
- PROMET, LILLI. [The strange book] Imelik raamat. Tallinn, Eesti Raamat, 1965. 273 p. [In Estonian]
- RACHINSKAIA, N.N. [Lion Feuchtwanger, 1884-1958] Lion Feuchtwanger (1884-1958). Moskva, Vysshiaia shkola, 1965. 84 p. (Sovremennaiia zarubezhnaia literatura) (WU)
- RADZYKEVYCH, VOLODYMYR. [History of Ukrainian literature; a handbook for schools and courses of Ukrainian studies] Istorii ukrains'kol literatury; pidruchnyk dla shkil i kursiv ukrainoznavstva. New York, Ukrain's'kyi kongresnyi komitet Ameryky, 1964. 159 p. (IU)
- RAGIM, MAMED. [When dreams come true; verse and a poem. Kogda mechyty byvalutsia; stikhi i poema. Baku, Azerneshr, 1965. 388 p. [In Azerbaijani] (MH)
- [RAID; verse of the poets of the F.E.Derzhinskii Literary Society] Poisk; stikhi poetov literaturnogo ob'edineniia imeni F.E.Derzhinskogo. [Moskva] Mosk. rabochii, 1966. 131 p.
- RAKHIM, IBRAGIM. [Destiny; a novel. Translated from the Uzbek] Sud'ba; roman. Moskva, Khudozhestvennaia literatura, 1966. 95 p. (Roman-gazeta, no. 11(359))
- RANNET, EGON. [A cup and a snake; a drama in three acts with a prologue and epilogue. Translated from the Estonian] Chasha i zmela; drama v trekh deistviiakh, s prologom i epilogom. Otv. red. M.Medvedeva. Moskva, Oldel rasprostraneniia dramatičeskikh proizvedenii VUOAP, 1966. 75 l.
- RASHIDOV, R.M. [Living beings turn toward the sun; verse. Translated from the Darygva] Zhivoe k solntsu tlanset; stikhi. Moskva, Sovetskii pisatel', 1965. 66 p. (IU)
- RASSADIN, S.B. [A book about the reader] Kniga pro chitatelia. Moskva, Iskustvo, 1965. 265 p. (IEN)
- RECHMEDIN, V.O. [Come with me, my son; a polemical novel] Khodimo zi mnoiu syn; polemichnyi roman. Kyiv, Molod', 1965. 237 p. (MI)
- RECHMEDIN, V.O. [When the blood began to boil; a novel] Koly zakypala krov; roman. 2., perer. i dop. vyd. Kyiv, Dnipro, 1964. 300 p. (MI)
- ROD'KO, MYKOLA. [Soviet literature in the Western Ukraine, 1920-1939; literary criticism] Radlans'ka literatura v Zakhidni Ukraini, 1920-1939; literaturno-krytychnyi narys. Kyiv, Radlans'kyi pys'mennyk, 1964. 159 p. (CU)
- ROMANOV'KYI, O.K. [Memorable landmark; from the history of the formation of Soviet literature] Znamenna vikh; z istorii stanovlennia radlans'kol literatury. Kyiv, Dnipro, 1965. 241 p. (IU)
- ROSENAL', D.E., comp. [Practical Russian-Italian dictionary. 13,500 words] Dizionario pratico russo-italiano. Contiene 13500 voci. Include come appendice un compendio di grammatica russa preparato da A. Zaitznak. Moskva, Sovetskaiia Entsiklopedia, 1966. 712 p.
- ROSOKHOVATSKII, I.M. [Spiral of history; a collection of science fiction tales and stories] Vitok istorii; sbornik nauchno-fantasticheskikh povestei i rasskazov. Moskva, Detskaiia literatura, 1966. 221 p.
- ROSTOVAITE, TAT'IANA. [Between sea and shoals] Tarp jūros ir mariu. Vilnius, Vaga, 1966. 129 p. [In Lithuanian]
- ROT, A.M. [Cybernetics, programming and the use of audio-visual aids in the teaching of foreign languages; a report at the All-Union Conference on Problems in Programming and the use of Technical Means in the Educational Process] Kibernetika, programirovanie i ispol'zovanie tekhnicheskikh sredstv v obuchenii inostrannykh iazykam; doklad na Vsesoiuznoi konferentsii po voprosam programirovaniia i ispol'zovaniia tekhnicheskikh sredstv v uchebnom protsesse. Uzhgorod, Uzhgorodskii gos. univ., 1966. 22 p.
- ROZHDESTVENSKII, V.A. [Reading Pushkin] Chitai Pushkina [2. izd.] Leningrad, Detskaiia literatura, 1966. 187 p. (Shkol'naiia biblioteka)
- RUDESKAIA, Z.A. [The woman pharmacist; a tale] Ap-tekarsha; povest'. Moskva, Sovetskii pisatel', 1965. 182 p. (IU)
- RUMMO, P., comp. [Friedebert Tuglas in word and picture] Friedebert Tuglas sõnas ja pildid. Tallinn, Eesti Raamat, 1966. 221 p. illus. [In Estonian]
- RUMMO, PAUL. [Return to the tale; verse. Translated from the Estonian] Vozvraschenie k skazku; stikhi. [Moskva] Molodai gvardiia, 1965. 79 p. (IU)
- RUSSKOV, V.A. [First meeting] Pervoe svidanie. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1965. 117 p. (NIC)
- RYBALKO, N.A. [Eyes on the banner; verse] Ravnienie na znamia; stikhi. Moskva, Voenizdat, 1966. 88 p.
- RYHOR, NIACHAI. [Sorochiy Forest; a tale] Sirochyi les; apovesta'. [Minsk, Belarus', 1966] 188 p.
- RYKLIN, G.E. [But in our city of Zarechensk...; stories and feuilletons] A u nas v Zarechensko...; rasskazy i feiletony. Moskva, Sovetskii pisatel', 1966. 182 p.
- RYL'S'KYI, MAKSYM. [Poetry] Poezii. Kyiv, Radlans'kyi pys'mennyk, 1964. 637 p. [Publ. under his pseud. Oleksandr Oles'] (Biblioteka poeta) (CU)
- SAAR, VEERA. [The hated country; stories] Polatud naa; jutustus. [Tallinn] Eesti Raamat, 1965. 153 p. [In Estonian]
- SAIIB. [Daftar-i dikusha ("Heart-pleasing book"). Facsimile of the text; Introduction, annotated table of contents, indexes and a brief textological commentary by R. Khadi-zade] Daftar-i dikusha ("Sochinenie, raduisheche serditsa") Faksimile teksta; Predgovorie, annotirovannoe oglaivlenie, ukazatel i kratkii leksicheskii kommentarii R. Khadi-zade. Moskva, Nauka, 1965. 31, 132 [l. e. 61] p. (Pamiatniki pis'mennosti Vostoka, no. 5) [In Persian and Russian]
- SAIDOV, MAGOMEDSAID. [Avar tales. Translated from the Avar] Avarskie skazki. [Moskva, Khudozhestvennaia literatura, 1965] 326 p. (MI)
- SANCTES, FRANCESCO DE. [History of Italian literature. Translated from the Italian] Istorii Ital'skoi literatury. Pod red. D.E. Mikhal'ch. Moskva, Izd-vo inostr. lit-ry, 1963-64. 2 v. (KU)
- SAT, SH.CH. [Outline history of the study of the Tuvian language. With an appendix of a list of literature on comparative Turkic linguistics] Ocherk istorii izucheniia tuvinskogo iazyka. S priloženiem spiska literatury po sravnitel'nomu tuv'skomu iazykoznaniiu, Kyzyl, Tuvinskoe knizhnoe izd-vo, 1964. 112 p. [In Tuvian]
- SCARRON, PAUL. [Comedies. Translated from the French] Komediti. [Moskva] Iskustvo [1964] 330 p. (Biblioteka dramaturga) (N)
- SEDINA, A.M. [Mitrofan Sedin. [Krasnolensk] Krasnolenskoe knizhnoe izd-vo, 1965. 122 p.
- SEME NOV, M.G. [The satirist's bread; humorous stories, feuilletons, lampoons, satiric miniatures] Khleb satirika; humoristicheskie rasskazy, feiletony, pamflety, satiricheskie miniatury. [Tbilisi, Literatura da khelovneba, 1964] 264 p. illus. (CU)
- SEMPER, JOHANNES. [Stone on stone; a novel] Kamen' na kamen'; roman. Moskva, Sovetskii pisatel', 1966. 333 p.
- SERAFIMOVICH, A.S. [Tales and stories] Povesti i rasskazy. Moskva, Khudozhestvennaia literatura, 1966. 437 p.
- SERBANTOVICH, ANATOL'. [The ABC's; verse] Azbuka; vershy. Minsk, Belarus', 1966. 97 p.
- SHAKHMAGONOV, F.F. [Likhova Pustyn'; a novel. Encounter with conscience; a motion-picture tale. Rydal; a tale] Likhova Pustyn'; roman. Vstracha s sovest'iu; kinopovest'. Rydal; povest'. [Moskva] Moskovskii rabochii, 1966. 403 p.
- SHALABAEV, BEL'GIBAI. [Kazakh literature; the Soviet period. Textbook on the history of the Kazakh novel for philology faculties of universities and pedagogical institutes] Kazakhskaiia literatura; sovetskii period. Uchebnoe posobie po istorii kazakhskogo romana dlia filologicheskikh fakul'tetov universitetov i pedagogicheskikh institutov. Pod obshchei red. N.S. Itoevskogo. Alma-Ata, Mektep, 1965. 233 p. (NNC)
- SHALEMOV, IU.B. [The word they are waiting for; a sketch] Slovo, kotorogo zhdut. Ellisa, Kalmytskoe knizhnoe izd-vo, 1965. 35 p.

- SHAROV, ALEKSANDR. [Children and adults; brief tales and sketches] *Deti i vzroslye; malen'kie povesti i ocherki*. Moskva, Sovetskii pisatel', 1966. 276 p.
- SHASHKIN, I.IU. [New expressions in the language of the Ukrainian newspapers during the period of the large-scale building of communism] *Nove v movi ukrains'koi gazety periodu rozhorotoho budivnytstva komunizmu*. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., 1965. 90 p.
- SHAT'KO, E.L. [Who waits for you; a tale and stories] *Kto zhdet tebia; povest' i rasskazy*. [Moskva] Motodala gvardia, 1965. 239 p. (IU)
- SHCHEGLOV, A.I. [Little lights on the road; stories] *Ogon'ki na doroge; rasskazy*. Tula, Priekskoe knizhnoe izd-vo, 1965. 127 p. (NNC)
- SHCHEGLOV, M.A. [Articles of literary criticism; from diaries and letters] *Literaturno-kriticheskie stat'i; iz dnevnikov i pisem*. [Izd. 2., popolnennoe] Moskva, Sovetskii pisatel', 1965. 437 p. (MH)
- SHEFNER, V.S. [Happy wretch; tales and stories] *Schastlivyi neudachnik; povesti i rasskazy*. Leningrad, Sovetskii pisatel', 1965. 463 p. (NNC)
- SHEVCHENKO, T.H. [Shevchenko's word and fame; an anthology of translations of Shevchenko in foreign languages] *Shevchenkovo slovo i slava; antologiya perekladiv z Shevchenka chuzhymy movamy*. Za red. Boldana Kravtseva. Chicago, Vyd-vo M.Donetsluka, 1964. 465 p. (CoU)
- SHEVCHENKO MEMORIAL COMMITTEE. *Minnesota Branch*. Taras Shevchenko; memorial book of Minnesota. Taras Shevchenko; propamiatna knyha Minnesoty. Minneapolis, 1966. 37 p.
- SHKVARIN, V.V. [Comedies] *Komedii*. Moskva, Iskustvo, 1966. 373 p. illus.
- SHNEIDER, I.I. [Encounters with Esenin; reminiscences] *Vstrechi s Eseniny; vospominaniia*. Moskva, Sovetskaya Rossiia, 1965. 102 p.
- SHOVKOPIIA, IU.IU. [Man lives twice; a novel] *Liudyn zhve dviciu; roman*. Kyiv, Dnipro, 1965. 512 p. (NN)
- SHVEDOV, IA.Z. [What we defend] *Chto my zashechlicheni*. [Moskva] Glav. polit. upr. Sovetskoi Armii i Voenno-Morskogo flota, 1966. 47 p. (Biblioteka zhurnalna "Sovetskii vojn, no. 11(534))
- SHYNKLER, KIVIADOS. [Selected works] *Vybranyia tvory*. Minsk, Dzlarzh. vyd-va BSSR, 1966. 506 p. (CIU)
- SIENKIEWICZ, HENRYK. [Crusaders; a novel. Translated from the Polish] *Khrestonostai; roman*. Kyiv, Dnipro, 1965. 2 v. in 1. (IU)
- SIMONAITYTE, IEVA. [Vilius Karalius; a novel. Translated from the Lithuanian] *Vilius Karalius; roman*. Vilnius, Gos. izd-vo khudozh. lit-ry, 1961. 2 v. (IU)
- SIMONOVA, A.K. [Articles of literary criticism] *Literaturno-kriticheskie stat'i*. Erevan, MUK, 1965. 251 p.
- SIZOVA, I.A. [What is syntax] *Chto takoe sintaksis*. Moskva, Nauka, 1966. 60 p.
- SKOROKHODOV, M.E. [Saxifrage; verse] *Kamnelomka; stikhi*. [Arkhangelsk] Severo-Zapadnoe knizhnoe izd-vo, 1966. 97 p.
- SKULSKI, ORIGORI. [Storms are yet ahead] *Ka ees ootavad tormid*. Tallin, Eesti Riiklik Kirjastus, 1964. 276 p. [In Estonian]
- SMUUL, JUHAN. [A colonel's wife or, doctors don't know anything; scenes from life. Translated from the Estonian] *Vdova polkovnika, ili vrachi nichego ne znaiut; sceny iz zhizni*. Otv. red. M. Medvedeva. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 571.
- SOFRONOV, A.V. [Punishment without crime; a comedy-farce in three acts with song and dances] *Nakazanie bez prestuplennia; komediia-shutka v trekh deistviiakh s pesniam i tantami*. Otv. red. R. Afanas'ev. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 681.
- SOIUZ PISATELEI TATARIL. [Musa Dzhalil; on the 60th anniversary of the poet hero's death] *Musa Dzhalil; k 60-letiiu so dnia rozhdeniia poeta-geroia*. Kazan', Gazetno-zhurnal'noe izd-vo Tatarskogo Obkoma KPSS, 1966. 41 p.
- SOLOUKHIN, V.A. [To live on earth; verse] *Zhit' na zemle; stikhi*. Moskva, Sovetskii pisatel', 1965. 66 p. (IU)
- SOOT, BERNARD. [Short course in literary theory] *Kirjandusteoria lühikursus*. 2. valjaanne. Tallin, Valgus, 1966. 202 p. [In Estonian]
- [SPANISH-RUSSIAN DICTIONARY. Approximately 42,000 words] *Ispansko-russkii slovar'*. Okolo 42 000 slov. Pod obshchiel red. F.V. Kel'ma. Izd. 6., stereotipnoe. Moskva, Sovetskaya Entsiklopediia, 1966. 944 p.
- SPASOV, PAVEL. [Man's bread; a novel. Translated from the Bulgarian] *Khleb chudskoi; roman*. Moskva, Khudozhestvennaya literatura, 1964. 453 p. (IU)
- STADNIUK, I.F. [People are not angels; a novel] *Liudi ne angeli; roman*. Moskva, Khudozhestvennaya literatura, 1966. 94 p. (Roman-gazeta, no. 12(300))
- [THE STAGE] Estrada. Moskva, Sovetskaya Rossiia. No. 2. [Our house is your house] *Nash dom - vash dom*. 1966. 82 p. (Biblioteka "V pomoshch' khudozhestvennoi samodelatel'nosti," no. 11)
- STARITSKYI, MYKHAILO. [Life's cross; a drama in 5 acts] *Khrest zhyt'tia; drama na 5 dil*. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1958. 166 p. (IU)
- STEPANOV, A.N. [Nikolai Vasil'evich Gogol; a biography of the writer (a textbook for students)] *Nikolai Vasil'evich Gogol; biografiia pisatel'a (posobie dlia uchashchikhsia)*. Moskva, Prosveshchenie, 1966. 135 p.
- STRITTMATTER, ERWIN. [Ole Binkop; a novel. Translated from the German] *Ole Binkop*. Moskva, Khudozhestvennaya literatura, 1966. 127 p. (Roman gazeta, no. 10(358))
- STRUGATSKII, A.N., and B.N. STRUGATSKII. [Predatory things of the age; fantastic tales] *Khishchinye voshchi veia; fantasticheskie povesti*. [Moskva] Motodala gvardia, 1965. 317 p. (Fantastika, priklicheniia, puteshestvia) (NIC)
- SUFIN, G.I. [Makora's bridegroom] *Makora in zhenikh*. [2. izd. dorabotannoe i dop.] Arkhangelsk, Severo-Zapadnoe knizhnoe izd-vo, 1965. 317 p.
- SULTANBEKOV, TALAP. [Wandering gold; science-fiction stories] *Kochulushchee zoloto; nauchno-fantasticheskie rasskazy*. Alma-Ata, Kazgoslitizdat' 1964. 80 p. [In Kazakh] (MI)
- SURKOV, A.A. [Collected works in four volumes] *Sobranie sochinenii v chetyrekh tomakh*. Moskva, Khudozhestvennaya literatura. Vol. 2. [Verse 1946-1965, songs, translations] *Stikhotvoreniia 1946-1965, pesni, perevody*. 1966. 674 p.
- SYCHEVSKYI, V.P. [Return, Ruzheno; a tale] *Vernys', Ruzheno; povest'*. Kyiv, Motod', 1965. 261 p. (IU)
- [TALES OF GREEN MOUNTAINS] *Kazky zelenykh hir*. Uzhhorod, Karpaty, 1965. 230 p. (IU)
- TAMMSAARE, ANTON HANSEN. [Truth and right] *Tode ja oigus*. Tallin, Eesti Raamat. [In Estonian] Vol. 2. 1965. 404 p.
- TARONTSI, SOGHOMON. [The golden age. Zolotoi vek. Erevan, Armanianskoe gos. izd-vo] 1960. 394 p. [In Armenian] (MI)
- TARTU, ULIKOOL. [Language and structure; studies in structural and mathematical linguistics] *Kee ja struktuur; tead struktuuralse ja matemaatilise lingvistika alalt*. Tartu, 1965. 103 p. [In Estonian]
- TENISHEV, E.R., and B.KH. TODAEVA. [Language of the yellow Uigurs] *Iazyk zheltikh uigurov*. Pod obshchiel red. G.P. Serdluchenko. Moskva, Nauka, 1966. 82 p. (Iazyki narodov Azii i Afriki)
- TILVYTIS, TEOFILIS. [Plowmen] *Artojelai*. Vilnius [Vaga] 1965. 117 p. [In Lithuanian] (MI)
- [TIME OF FLAMING TREES; poets of the Antilles. Translated from the English and the French] *Vremia plamennushchikh derev'ev; poety Antil'skikh ostrovov*. Moskva, Izd-vo vostochnoi lit-ry, 1961. 243 p. (NNC)
- TOKAZOV, KH.A. [Russian-Osetic phrase book with a short guide through North Osetia] *Russko-osetin'skii razgovornik s kratkim putevoditelem po Severnoi Osetii*. 2. izd. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1964. 230 p. fold. map.
- TOKTOSUNOV, MUSABAI, and TOKTOBOLOI OSH-BAEV. [The comedian Beknazar; stories. Komik Beknazar; rasskazy. Frunze, Kirgizgosizdat] 1963. 165 p. [In Kirghiz] (MI)
- TOLSTOI, L.N. [Childhood, boyhood, youth] *Detstvo, otrochestvo, iunost'*. Moskva, Khudozhestvennaya literatura, 1966. 334 p.
- TOMSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [Problems of folklore] *Voprosy fol'kora*. Tomsk, Izd-vo Tomskogo univ., 1965. 159 p.
- TRETYAKOV, I.P. [A journey into youth; short stories] *Puteshestvie v iunost'; rasskazy*. Moskva, Voenizdat, 1966. 309 p.
- TRUBACHEV, O.N. [Terminology of the art industries in the Slavic languages; etymology and experience in group reconstruction] *Remeslennaya terminologiya v slavianskikh iazykakh; etimologiya i opyt gruppovoi rekonstruktsii*. Moskva, Nauka, 1966. 414 p.
- TSERETELI, K.G. [Materials on Aramian dialectology] *Materialy po arameiskoi dialektologii*. Tbilisi, Izd-vo Metsnereba. Vol. 1. [The Urmia dialect] *Urmitskii dialekt*. No. 1. 1965. 147 p. [Parallel text in Urmanian and Russian]
- TSVETAEVA, M.I. [Selected works] *Izbrannye proizvedeniia*. Moskva, [Sovetskii pisatel'] 1965. 809 p. (Biblioteka poeta. Bol'shaya seriya. 2. izd.) (MCM)
- TULUB, ZINAIDA. [Hunters of men; an historical novel] *Liudolovy; istorichnyi roman*. Kyiv, Dnipro, 1965. 2 v. (IU)
- TUNITSKII, A.N. [Great expectations; tales] *Bol'shie ozhidaniia; povesti*. [Moskva] Mosk. rabochi, 1965. 388 p. (IU)
- TURGENEV, I.S. [Rudin. A house of gentlefolk. On the eve. Fathers and sons] *Rudin Dvorian'skoe gnezdo. Nakanune. Ottsy i deti*. [Moskva] Moskovskii rabochi, 1955. 633 p. (Biblioteka dlia iunostevna) (OU)
- UIGUN, pseud. [Life calls us; selected lyrics. Translated from the Uzbek] *Zhizn' zovet; izbrannaya lirika*. Moskva, Khudozhestvennaya literatura, 1965. 110 p. (IU)
- URBONAS, VIDMANTAS. [Sunny horizons] *Saulei horizontal*. Vilnius, [Mintis] 1966. 156 p. [In Lithuanian]
- URLIN, I.N. [Forest rustles; verse] *Lesnye shorokhi; stikhi*. [Kalinigrad] Kalinigradskoe izd-vo, 1963. 75 p. (NIC)
- [VALERIUS CATULLUS, ALBIUS TIBULLUS, SEXTUS PROPERTIUS. Translated from the Latin] *Valerii Katuli, Albii Tibulli, Seksti Propertii*. Moskva, Gos. izd-vo khudozh. lit-ry, 1963. 510 p. (Biblioteka antichnoi literatury) (NN)

- VAMPILOV, A. [Farewell in June; a comedy in three acts] *Proshchente v iune; komedii v trekh deistviakh*. Otv. red. G. Nikitin. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 82 l.
- VANSLOV, V. V. [Aesthetics of romanticism] *Estetika romantizma*. Moskva, Iskustvo, 1966. 401 p.
- VASIL'eva, A. N. [Stylistic analysis of the language of a literary work; a textbook for foreign philologists studying Russian] *Stilisticheskii analiz iazyka khudozhestvennogo proizvedeniia; posobie dlia inostranstsev-filologov, izuchaiushchikh russkii iazyk*. [Moskva] Izd-vo Mosk. univ., 1966. 251 p.
- [VASYL' PEREBYNS; his life and creative work] *Vasyli' Perebynis; zhyttia i tvorchia pratsia*. London, Vianym nakladom, 1963. 114 p. (NN)
- VELLE, G. A. [Antoine and Jeanette; stories about the Resistance and the maquis] *Antuan i Zhannet; noveli o Soprotivlenii i maki*. Moskva, Sovetskii pisatel', 1965. 265 p. (MH)
- VENCLOVA, ANTANAS. [Friendship; an introduction to a mature age. A novel] *Draugyste; izanga i su-brendusi amzlu*. Romanas, Vilnius, Vaga, 1966. 416 p. [In Lithuanian]
- VIALUKHIN, ANATOL'. [Wind from the Volga; a poem] *Veter s Volgi; poema*. Moskva, Sovetskii pisatel', 1965. 98 p. (MH)
- [VILDE'S LIFE AND WORK; a collection of studies on the 100th anniversary of Eduard Vilde's birth] *Vaateid Vilde Eluse; tuihuurimus Eduard Vilde 100 aasta surnupaeva puhul*. Tallinn, Eesti Raamat, 1965. 303 p. [In Estonian]
- VIRTA, N. E. [Indivisible; scenes from private life in two acts] *Nedelimoe; stseny chasnoi zhizni v dvukh aktakh*. Otv. red. V. Pirnik. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 76 l.
- VIRTA, N. E. [Tales of the last years] *Povesti poslednikh let*. Moskva, Sovetskaiia Rossiia, 1965. 325 p.
- [VOICES OF SPRING BROOKS; verse] *Vesennikh ruch'ev golosa; stikhi*. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1964. 60 p. (TU)
- VORNOV, A. I. [When the hour comes; a tale] *Kogda nastupit chas; povest'*. [Moskva] Molodaia gvardiia, 1965. 190 p. (MH)
- VOLCHEK, I. A. I. [Look into the well; a play in two acts] *Zaglianut' v kolodets; p'esa v dvukh deistviakh*. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 82 l.
- VOLGIN, I. L. [Agitation; verse] *Volnenie; stikhi*. [Moskva] Molodaia gvardiia, 1965. 86 p. (EN)
- VOROB'EV, E. Z. [Forget-me-not; tales] *Nezabudka; povesti*. Moskva, Voenizdat, 1966. 278 p.
- ZAVERIN, M. Z. [The search is not exhausted; lessons learned from some literary discussions] *Ne ischerpan polsk; uroki naskol'kikh literaturnykh diskussii*. Tbilisi, Literatura za khelovneba, 1965. 263 p. (NeU)
- ZEMLIANSKII, A. F. [Shots in the glade; short tales] *Vystrely na poliane; nalen'kie povesti*. Moskva, Sovetskaiia Rossiia, 1965. 99 p. (Korotkie povesti i rasskazy) (NIC)
- ZHAROKOV, T. ZH. [Upward flight; verse. Translated from the Kazakh] *Vzlet; stikhi*. Moskva, Sovetskii pisatel', 1965. 59 p. (TU)
- ZHAROKOV, T. A. I. [Taming of a torrent; verse and a poem. Ukroshchenie potoka; stikhi i poema. Alma-Ata, Zhazushy,] 1965. 149 p. [In Kazakh] (MH)
- ZHEMAITIS, S. G. [Explosion in the ocean; a tale] *Vzryv v okeane; povest'*. [Moskva] Molodaia gvardiia, 1965. 159 p. (Chest', otvaga, muzhestvo) (MH)
- ZHENTII, S. M. [Problems of the phonetics of the Kartvelian languages; selected works] *Voprosy fonetiki kartvel'skikh iazykov; izbrannye trudy*. Tbilisi, Ganatleba, 1965. 331 p. [In Georgian and Russian] (MH)
- ZHURAVLEV, T. [The fisherman; a tale] *Rybak; povest'*. Kazan', Tatarskoe knizhnoe izd-vo, 1965. 172 p. (NjP)
- ZUBAREV, V. I. [Living tie; verse] *Zhivaia svyaz'; stikhi*. [Ashkhabad, "Turkmenistan" 1965. 134 p. (TU)
- ZUIONAK, VASIL'. [Flint; lyric verse] *Kresiva; lirika*. Minsk, Belarus', 1966. 70 p.
- ZVEREV, I. I. A. pseud. [Second of April; stories] *Vtoroe aprilia; rasskazy*. Moskva, Sovetskaiia Rossiia, 1965. 140 p. (Korotkie povesti i rasskazy) (MH)

12. GEOGRAPHY & GEOLOGY

- AKADEMIIA NAUK ARMIAANSKOI SSR, *Eriyan. Institut geologicheskikh nauk*. [Geology of the Armenian S.S.R.] *Geologiya Armianskoi SSR*. Glav. red. S. S. Mkrtchian i dr. Erevan, Vol. 3. [Petrography, intrusive rocks] *Petrografiia, intruzivnye porody*. 1966. 497 p., maps.
- AKADEMIIA NAUK KAZAKHKOI SSR, *Alma-Ata. Otdel geografi*. [Tien Shan; Trans-Ili Alatau] *Tian'-Shan'; Zailiiskii Alatau*. Moskva. Nos. 1-2. Tokmugambetov, G. A. [Physical properties of ice] *Fizicheskie svoistva l'da*. 1963. 2 v. (Ite: Materialy glatsiologicheskikh issledovanii)
- AKADEMIIA NAUK KAZAKHKOI SSR, *Alma-Ata. Otdel geografi*. [Tien Shan; Trans-Ili Alatau; ice temperature] *Tian'-Shan'; Zailiiskii Alatau; temperatura l'da*. Moskva. Nos. 1, 3. Vilesov, E. N. [Stationary observations] *Statsionarnye nabludeniya*. 1962. 2 v. (Ite: Materialy glatsiologicheskikh issledovanii)
- AKADEMIIA NAUK SSSR, *Institut etnografi*. [Outline of general ethnography; Europe not including the Soviet Union] *Ocherki obshchego etnografi; zarubezhnaia Evropa*. Pod red. S. P. Toistova i dr. Moskva, Nauka, 1966. 474 p.
- AKADEMIIA NAUK SSSR, *Institut fiziki Zemli*. [Problems of abyssal heat flow] *Problemy glubinnogo tepovogo potoka*. Moskva, Nauka, 1966. 142 p.
- AKADEMIIA NAUK SSSR, *Institut geologii rudnykh mestorozhdenii, petrografi, mineralogi i geokhimii*. [Problems of the petrography of Kazakhstan] *Voprosy petrografi Kazakhstana*. Moskva, Nauka, 1966. 166 p.
- AKADEMIIA NAUK SSSR, *Kol'skii filial, Kirovsk*. [Formation of the relief and Quaternary sediments of the Kola Peninsula] *Formirovanie rel'efa i chetvertichnykh otlozhenii Kol'skogo poluostrova*. Moskva, Nauka, 1966. 131 p.
- AKADEMIIA NAUK SSSR, *Kol'skii filial, Kirovsk. Biblioteka*. [Kola Peninsula; a bibliographic index of Soviet literature, 1946-1955: Geology] *Kol'skii poluostrov; bibliograficheskii ukazatel' sovetskoi literatury, 1946-1955 gg.: Geologiya*. Sost. L. B. Petrovskaiia. Apatity, 1961. 46 p. (CU)
- AKADEMIIA NAUK SSSR, *Sibirskoe otdelenie, Dal'nevostochnyi geologicheskii institut*. [Geology of north-eastern Korea and the southern part of the Maritime Territory] *Geologicheskoe stroenie Severo-Vostochnoi Korei i Iuga Primor'ia*. Moskva, Nauka, 1966. 304 p.
- AKADEMIIA NAUK SSSR, *Sibirskoe otdelenie, Dal'nevostochnyi geologicheskii institut*. [Igneous activity and minerals of north-eastern Korea and the southern part of the Maritime Territory] *Magmatizm i poleznye iskopaemye Severo-Vostochnoi Korei i Iuga Primor'ia*. Moskva, Nauka, 1966. 222 p.
- AKADEMIIA NAUK URSS, *Kiev. Institut geofiziky*. [Use of geoelectric studies for the solution of basic problems of karst in the Crimean Mountains] *Primenenie geoelektricheskikh issledovanii k resheniiu osnovnykh problem karsta Gornogo Kryma*. [By] V. N. Golovtsov i dr. Kiev, Naukova dumka, 1966. 147 p.
- AKADEMIIA NAUK URSS, *Kiev. Institut geologicheskikh nauk*. [Fauna of the lowest part of the Tournaisian (zone C₁¹) in the Donets Basin] *Fauna nizov Turne (zony C₁¹) Donetskogo basseina*. Kiev, Naukova dumka, 1966. 127 p. illus.
- AKADEMIIA NAUK URSS, *Kiev. Sektor geografi*. [Geomorphological mapping of the Ukrainian S.S.R.] *Geomorfologicheskoe kartuvannia Ukrainy 'kol' SSR*. Kyiv, Naukova dumka, 1966. 88 p. (Respublikans'kii mizhvidomchyl zbirnyk. Fizychna geografiia ta geomorfologiya)
- ALEKSEEV, G. N., and K. F. VOITKOVSKII. [By car from Yakutsk to Moscow] *Iakutsk - Moskva na avtomobile*. Moskva, Mysl', 1966. 207 p. illus. (Puteshestviia, prikhucheniia, fantastika)
- ALEKSEEV, V. P. [Osteometry; methodology of anthropological research] *Osteometriia; metodika antropologicheskikh issledovanii*. Moskva, Nauka, 1966. 250 p.
- ALEKSEVA, E. V., and V. I. ALEKSEVSKII. [Div'ya Cave] *Div'ia peshchera*. [Moskva, Profizdat] 1965. 10 p.
- AL'TER, S. P. [Landscape method of interpreting aerial photographs; general situations and principles] *Landschaftnyi metod dezhifirovaniia aerofotosnimkov; obshchie polozheniia i printsipy*. Moskva, Nauka, 1966. 80 p.
- [ALWAYS ON THE GO] *Vsegda v puti*. Moskva, Mysl', 1966. 427 p.
- [ARCHANGEL] *Arkhangel'sk*. [Arkhangel'sk] *Severo-Zapadnoe knizhnoe izd-vo*, 1966. 12 p. (chiefly illus.)
- BARVENKO, N. I. A. [Tien Shan; Trans-Ili Alatau; movement, change of surface level, and spatial position of glaciers] *Tian'-Shan'; Zailiiskii Alatau; dvizhenie, izmenenie urovnia poverkhnosti i prostranstvennogo polo-zheniia lednikov*. Moskva, 1962. 100 p. (Materialy glatsiologicheskikh issledovanii Otdela geografi Akademii nauk Kazakhskoi SSR)
- BASALYKAS, ALFONSAS. [Physical geography of the Lithuanian S.S.R.] *Lietuvos TSR fizine geografiia*. Vilnius, Mintis. [In Lithuanian] Vol. 2. [Physical geographical regions] *Fiziniai geografiniai rajonai*. 1965. 495 p.
- BESSMERTNYI, A. S. [Leningrad; a concise guidebook for tourists] *Leningrad; kratkii spravochnik dlia turistov*. [Leningrad] Lenizdat, 1966. 225 p.
- BOROVINSKII, B. A. [Tien-Shan; Trans-Ili Alatau; geophysics. Magnetic and electrical observations] *Tian'-Shan'; Zailiiskii Alatau; geofizika. Magnitnye i elektricheskie nabludeniya*. Moskva, 1962. 79 p. (Materialy glatsiologicheskikh issledovanii Otdela geografi Akademii nauk Kazakhskoi SSR)
- CHERKASOV, P. A. [Dzungarian Alatau; morphometry of glaciers. Height of the firn line. Movement, change of surface altitude and spatial conditions of glaciers. Ablation of glaciers] *Dzhungarskii Alatau; morfometriia lednikov. Vysota firnovoii linii. Dvizhenie, izmenenie vysoty poverkhnosti i prostranstvennogo sostoiianiia lednikov. Abliatsiia stok s lednikov*. Moskva, 1962. 138 p. (Materialy glatsiologicheskikh issledovanii Otdela geografi Akademii nauk Kazakhskoi SSR)

- [THE CITY OF KUYBYSHEV; a guidebook] Gorod Kuybyshev; putevoditel'. [Kuybyshev] Kuybyshevskoe knizhnoe izd-vo, 1966. 31 p. illus.
- DITMAR, V.I. [Tectonics and prospects for finding oil and gas in the Chu-Sarysu and adjacent depressions of Kazakhstan] Tektonika i perspektivy neftegazonosnosti Chu-Sarysuiskoi i sveznykh depressii Kazakhstana. Moskva, Nauka, 1966. 173 p.
- DOROFFEV, P.I. [Pliocene flora in the Matanov Garden on the Don] Pliotsenovaya flora Matanova Sada na Donu. Moskva, Nauka, 1966. 86 p.
- FROLOV, N.M. [Temperature regime of the heliogeothermal zone] Temperaturnyi rezhim gellotermozony. Moskva, Nedra, 1966. 155 p. diagrs. (insert)
- GARAEVSKAIA, L.S. [Editing small-scale maps and atlases] Redaktirovanie melkomasshtabnykh kart i atlasov. 2. izd., perer. i dop. Moskva, Nedra, 1966. 202 p.
- GERASIMOV, O.G., and I.U.V. MASHIN. [In the mountains of Southern Arabia] V gorakh Iuzhnoi Aravii. Moskva, Mysl', 1966. 84 p. (U karly mira)
- GENTARINS PAJURS. The Amber coast. Vilnius, Mintis, 1965. 1 v. illus. [In 5 languages]
- GOGEL', G.N. [Accessory minerals in granitoids of central Kazakhstan] Aksessorynye mineraly granitoidov Tsentral'nogo Kazakhstana. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 179 p.
- [GUIDEBOOK THROUGH DASHKIRIA] Putevoditel' po Dashkiri. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 409 p.
- KHAIN, V.E., ed. [Tectonic development of Czechoslovakia; a collection of papers and tectonic map 1:1,000,000. Translated from the English] Tektonicheskie razvitiye Chexoslovakii; sbornik statei i tektonicheskaya karta masshtaba 1:1 000 000. [By T. Buday and others. Moskva, Izd-vo Inostrannoi lit-ry, 1963. 283 p. (map insert wanting)]
- KIM, A.A. [Kivach waterfall] Vodopad Kivach. [Petrozavodsk, Karelianskoe knizhnoe izd-vo, 1964] 1 v. (chiefly illus.)
- KORENEVSKII, S.M., and M.L. VORONOVA. [Geology and conditions governing the formation of potassium deposits in the Caspian syncline and the southern cis-Uralian trough] Geologiya i uslovia formirovaniia kalitnykh mestorozhdenii Prikaspiiskoi sinektizy i Iuzhno-Predural'skogo proglba. Moskva, Nedra, 1966. 278 p.
- KRASIL'NIKOV, D.N. [Pre-orogenic development of the Sayan-Alai area and abyssal processes accompanying it] Dorogonnoe razvitiye struktury Sayano-Aitaskoi oblasti i soprovozhdaushchie ego glubinye protsessy. Moskva, Nauka, 1966. 247 p.
- LENINGRAD, UNIVERSITET. [Geochemistry of landforms in the southeastern part of the trans-Ural region] Geokhimiia landshaftov Iugo-Vostochnogo Zaural'ia. [Leningrad] 1966. 181 p. diagrs. (insert)
- LENINGRAD, UNIVERSITET. [Problems in the analytical chemistry of mineral substances] Voprosy analiticheskoi khimii mineral'nykh veshchestv. [Leningrad] Izd-vo Leningr. univ., 1966. 194 p.
- [LITHUANIA TODAY] Lietuva standon. Vilnius, Mintis, 1965. 79 p. [In Lithuanian]
- MAKAREVICH, K.G. [Tien Shan: Trans-Ili Alatau; general description of the observations] T'ian'-Shan': Zailiiskii Alatau; obshchee opisaniye issledovani. Moskva, 1962. 87 p. (Materialy glatsiologicheskikh issledovaniy Otdela geografii Akademii nauk Kazakhskoi SSR)
- MASLENNIKOV, E.P., P.I. ISTOMIN, and R.B. RUBEL'. [Ural, the tourist country; a guidebook] Ural - turisticheskaya strana; putevoditel'. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 349 p.
- MEDONIS, ADOLFAS. [Vilnius tourist guide] Turlistul apie Vilnia. Vilnius, Mintis, 1965. 176 p. map (insert) [In Lithuanian]
- MIZEROV, A.V. [Soil erosion in the southern Far East and on Sakhalin Island and measures for its control] Eroziia pochvy Iuga Dal'nego Vostoka i ostrova Sakhalina i mery bor'by s nei. Moskva, Nauka, 1966. 161 p.
- MOMUSH-ULY, BAURDZHAN. [Cuban impressions; travel notes. Kubinskie vpechatleniia; putevye zapiski. Alma-Ata, Zhaznashy] 1965. 137 p. [In Kazakh] (MII)
- MOSKALEV, I.U.D. [Origin and movement of snow avalanches] Vozniknoveniye i dvizheniye lavin. Pod red. P.M. Mashukova. Leningrad, Gidrometeoizdat, 1966. 151 p.
- NOVLIANSKAIA, M.G. [Philip Johan Strahlenberg; his works on the exploration of Siberia] Filip Iogann Stralenberg; ego raboty po issledovaniiu Sibiri. Moskva, Nauka, 1966. 93 p. (Nauchno-biograficheskaya seriya)
- OKLADNIKOV, A.P. [Petroglyphs of the Angara] Petroglyfy Angary. Moskva, Nauka, 1966. 321 p. illus. (CSI-II)
- PREOBRAZHENSKII, V.S. [Landform studies] Landshaftnye issledovaniia. Moskva, Nauka, 1966. 126 p.
- [PROBLEMS OF THE ETHNOGRAPHY OF GEORGIA; papers by young scientists] Voprosy etnografii Gruzii; trudy molodykh sotrudnikov. Tbilisi, Sabchota Sakartvelo, 1964. 311 p. (CLU)
- RUSSIA (1923- U.S.S.R.) Glavnoe upravleniye geodezii i kartografi. [Atlas of Ryazan Province] Atlas Riazanskoi oblasti. Moskva, 1965. 35 p. (VIU)
- RUSSIA (1923- U.S.S.R.) Glavnoe upravleniye geodezii i kartografi. [Small atlas of the world] Maliy atlas mira. Moskva, 1966. 169 p. 143 p.
- RUSSIA (1923- U.S.S.R.) Glavnoe upravleniye geodezii i kartografi. [World atlas] Atlas mira. Moskva, 1966. 64 p. of maps.
- RYL'S'KYI, MAKSYM. Kiev. Kiev, Derzh. vyd-vo obrazovorehoho mystelstva i muzychnoi lit-ry URSR, 1961. 1 v. plates. [In Ukrainian, Russian and English] (DDO)
- SALISHCHEV, K.A. [Cartography] Kartografiia. Moskva, Vysshaya shkola, 1966. 244 p.
- SEME NOVICH, N.I. [Bottom deposits of Lake Ladoga] Dnnye otlozheniia Ladozhskogo ozern. Moskva, Nauka, 1966. 122 p.
- SHUBIN, A.F. [Gorky Province; geography textbook for grade 8] Gor'kovskaya oblast'; posobie po geografii dlia 8 klassa. Pod red. L.L. Trube. [Gor'ki] Volgo-Vitskoe knizhnoe izd-vo, 1966. 113 p. maps (insert)
- STREL'NIKOV, B.G. [How are you there in America?] Kak vy tam, v Amerike? [Moskva] Molodaya gvardiia, 1965. 288 p. (CSI-II)
- SUDAKOV, P.A. [Tien Shan: Trans-Ili Alatau; snow cover] T'ian'-Shan'; Zailiiskii Alatau; snezhnyi pokrov. Moskva, 1962. 136 p. (Materialy glatsiologicheskikh issledovaniy Otdela geografii Akademii nauk Kazakhskoi SSR)
- [SVETLOVSK IN PHOTOGRAPHS] Svetlovsk v fotografiiakh. Svetlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. [9] p. (chiefly illus.)
- TERNOVSKAIA, V.T., E.V. ARTIUSHKOV, and V.N. SLAVIANOV. [Paleogeomorphological method of prognosticating rock deformations] Paleogeomorfologicheskii metod prognoza deformatsii gornykh porod. Moskva, Nauka, 1966. 112 p.
- [TIFLIS] Tbilisi. Tbilisi, Sabchota Sakartvelo, 1966. [3] p. 122 illus.
- TOKAREV, S.A. [History of Russian ethnography; the period before the October Revolution] Istoriia russkoi etnografii; dooktiabr'skii period. Moskva, Nauka, 1966. 455 p.
- VOL'SKI, V.F. [Native land] Rodnoi kraj. Minsk, Belarus', 1964. 492 p. (NN)
- VORONEZH (Province) Publichnaya biblioteka. [Titles of Voronezh Province; index of literature] Goroda Voronezhskoi oblasti; ukazatel' literatury. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 46 p. (K 50-i letiu Sovetskoi vlasti)
- ZAPLATIN, M.A. [In the castles of the Podkamennaya Tunguska] V chertogakh Podkamennoi Tunguski. Moskva, Mysl', 1966. 171 p. illus. (Puteshestviia, priklucheniia, fantastika)
- ZUBOV, S.M. [Physical geography of the U.S.S.R.; a regional survey] Fizicheskaya geografiia SSSR; regional'nyi obzor. Minsk, Vysshaya shkola. Pt. I. [Physiogeographical regionalization of the U.S.S.R. European part of the U.S.S.R. The Caucasus] Fiziko-geograficheskoe raionirovaniye SSSR. Evropeiskaya chast' SSSR. Kavkaz. 1965. 303 p.
- ZVEREV, N.V., and O.V. MATSKEVICH. [Kazakhstan, land of eagle wings] Kazakhstan - strana orl'nykh kryl'ev. Alma-Ata, Kazakhstan, 1965. 172 p. (CSI-II)

13. SCIENCE

- AGAPOVA, A.I. [Fish parasites in the bodies of water of Kazakhstan] Parazity rybi vodonomov Kazakhstana. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 342 p.
- AKADEMIA NAUK GRUZINSKOI SSR, Tiflis. Institut lea. [Trees of the Caucasus; wild and cultivated trees and shrubs] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Metsnereba. Vol. 4. Angiospermae - pokrytosemennye, Dicotyledonae-dvudol'nye, Rosaceae (rozotsvetnye), Leguminosae (bobovye). 1965. 308 p.
- AKADEMIA NAUK KAZAKHSKOI SSR, Alma-Ata. Otdel geografii. [Dzungarian Alatau; meteorology] Dzhangarskii Alatau; meteorologiya. Moskva. No. 1. Cherkasov, P.A. [Basic meteorological and actinometric observations] Osnovnyye meteorologicheskie i aktinometricheskie nabljudeniia. 1962. 174 p. No. 2. Cherkasov, P.A. [Gradient observations] Gradientnye nabljudeniia. 1962. 127 p. (Ils: Materialy glatsiologicheskikh issledovaniy)
- AKADEMIA NAUK KAZAKHSKOI SSR, Alma-Ata. Otdel geografii. [Trans-Ili Alatau; meteorology] Zailiiskii Alatau; meteorologiya. Moskva. Nos. 1-3. Nikitina, R.I. [Basic meteorological observations] Osnovnyye meteorologicheskie nabljudeniia. 1962. 3 v. No. 13. Kurdiukova, L.P. [Duration of sunshine] Prodolzhitel'nost' solnechnogo smiana. 1963. 90 p. Nos. 14, 19, 20, 22. Golovkova, R.G. [Gradient observations] Gradientnye nabljudeniia. 1962. 4 v. (Ils: Materialy glatsiologicheskikh issledovaniy)
- AKADEMIA NAUK KAZAKHSKOI SSR, Alma-Ata. Otdel geografii. [Trans-Ili Alatau; meteorology] Zailiiskii Alatau; meteorologiya. Moskva. Nos. 2, 4-10, 12. Tkachuk, T.A. [Actinometric observations] Aktinometricheskie nabljudeniia. 1962. 9 v. (Ils: Materialy glatsiologicheskikh issledovaniy)
- AKADEMIA NAUK KIRGIZSKOI SSR, Frunze. Institut biologii. [Injurious rodents of Kirghizia; population problems] Vrednye gryzuny Kirgizii; voprosy chislennosti. Frunze, Ilim, 1966. 122 p.
- AKADEMIA NAUK KIRGIZSKOI SSR, Frunze. T'ian' shan'skaya vysshegornaya fiziko-geograficheskaya stantsiia. [T'ian Shan (Terskey Ala-Too); meteorology] T'ian'-Shan' (Terskey Ala-Too); meteorologiya. Moskva. No. 6. 1964. 125 p. (Ils: Materialy glatsiologicheskikh issledovaniy)
- AKADEMIA NAUK MOLDAVSKOI SSR. Laboratoriia biofiziki. [Problems of electrophysiology of the nervous system] Voprosy elektrofiziologii nervnoi sistemy. Kishinov, Kartia motdovoniaske, 1966. 121 p.
- AKADEMIA NAUK SSSR. Institut khimicheskoi fiziki. [Chemical kinetics and chain reactions; on the seventieth birthday of Academician N.N. Semenov] Khimicheskaya kinetika i tsopnyo reaktsii; k semidesyati letuuiu akademika N.N. Semanova. Moskva, Nauka, 1966. 603 p.
- AKADEMIA NAUK SSSR. Institut khimicheskoi fiziki. [Chemiluminescent methods of studying slow chemical processes] Khimiluminestsentnye metody issledovaniia medlennykh khimicheskikh protsessov. [By] V.IA. Shlimpintokh i dr. Moskva, Nauka, 1966. 299 p.

- AKADEMIJA NAUK SSSR. Institut morfologii zhivotnykh. [Characteristics of fish population dynamics in the White Sea and its basin]. Zakonomernosti dinamiki chislenosti ryb Belogo moria i ego basseina. Moskva, Nauka, 1968. 229 p.
- AKADEMIJA NAUK SSSR. Institut morfologii zhivotnykh. [Experimental histology of the tumorous growth]. Eksperimental'naja gistologija opukholkovogo rosta. Pod red. A.N. Studitskogo. Moskva, Nauka, 1966. 278 p.
- AKADEMIJA NAUK SSSR. Institut morfologii zhivotnykh. [Lymphoid tissue in regenerative and protective processes]. Limfoidnaja tkan' v vosstanovitel'nykh i zashchitnykh protsessakh. Moskva, Nauka, 1966. 145 p.
- AKADEMIJA NAUK SSSR. Nauchnyi sovet po probleme fotosinteza. [Elementary photoprocesses in molecules]. Elementarnye fotoprotessy v molekulakh. Moskva, Nauka, 1966. 452 p.
- AKADEMIJA NAUK SSSR. Ob'edinennyi nauchnyi sovet "Fiziologija cheloveka i zhivotnykh." [Physiological principles of the ecology of aquatic animals; abstracts of reports read at the scientific conference in Sevastopol, May 24-29, 1965]. Fiziologicheskie osnovy ekologii vodnykh zhivotnykh; tezisy dokladov na nauchnom soveshchanii, Sevastopol', 24-29 maja 1965 g. [n.p.] 1965. 119 p.
- AKADEMIJA NAUK SSSR. Sektor seli spetsial'nykh bibliotek. [Luminescence; a bibliographic index, 1947-1961]. Luminescentia; bibliograficheskii ukazatel', 1947-1961. Moskva, Nauka. Vol. 3. 1966. 273 p.
- AKADEMIJA NAUK SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. [Theoretical problems of mineral metabolism]. Teoreticheskie voprosy mineral'nogo obmena. Moskva, Nauka, 1966. 82 p.
- AKADEMIJA NAUK URSS. Kiev. [Ecology and history of the vertebrates of the Ukraine]. Ekologija ta istorija khrebetnykh fauny Ukrainy. Kyiv, Naukova dumka, 1966. 200 p. (Respublikanskii nizhvidomnyi zbirnyk. Serija "Problemy zoologii")
- AKADEMIJA NAUK URSS. Kiev. [Physics of stars and the interstellar medium]. Fizika zvezd i mezhyzvezdnoi sredy. Kiev, Naukova dumka, 1966. 194 p. (Respublikanskii mezhyzvezdnyi sbornik. Serija: "Astronomija i astrofizika")
- AKADEMIJA NAUK URSS. Kiev. [Regional parasitology and natural foci of transmissible diseases]. Kraevaja parazitologija i prirodnaia ochagovost' transmisivnykh boleznei. Kiev, Naukova dumka, 1966. 167 p. (Respublikanskii mezhyzvezdnyi sbornik. Serija: "Problemy parazitologii")
- AKADEMIJA NAUK URSS. Kiev. Institut biologii iuzhnykh morei. [Ecological and morphological studies of nektonic animals]. Ekologo-morfologicheskie issledovanija nektonnykh zhivotnykh. Kiev, Naukova dumka, 1966. 135 p. (Respublikanskii mezhyzvezdnyi sbornik. Serija "Biologija moria")
- AKADEMIJA NAUK URSS. Kiev. Institut potuprovodnikov. [Quantum electronics; proceedings of a conference on quantum electronics in the Ukrainian S.S.R.]. Kvantovaja elektronika; trudy respublikanskogo seminaru po kvantovoi elektronike. Kiev, Naukova dumka, 1966. 345 p.
- AKADEMIJA NAUK BSSR. Minsk. Institut matematiki. [Finite groups]. Konechnye grupy. Minsk, Nauka i tekhnika, 1966. 190 p.
- AKHMETOV, N.S. [Inorganic chemistry; a manual for students of chemical and technological departments]. Neorganicheskaia khimija; uchebnoe posobie dlia studentov khimiko-tekhnologicheskikh spetsial'nostei. Kazan', Kazanskii khimiko-tekhnologicheskii in-t im. S.M. Kirova. Pts. 1-2. Izd. 2., perer. 1965. 551 p.
- AKOS, KAROLY. [Do animals think? Translated from the Hungarian]. Dumajut li zhivotnye? Moskva, Nauka, 1965. 92 p. (Nauchno-populjarnaja serija)
- ANTONOV-ROMANOVSKII, V.V. [Kinetics of the photoluminescence of crystal phosphors]. Kinetika fotoluminescentii kristallofosforov. Moskva, Nauka, 1966. 323 p.
- AZERNIKOV, V.Z. [The code of life]. Tainopis' zhizni. Moskva, Sovetskaja Rossija, 1966. 165 p.
- BAIMAKOV, I.U.V., and M.M. VETUKOV. [Electrolysis of fused salts]. Elektroliz rasplaviennykh solei. Moskva, Metallurgija, 1966. 560 p.
- BARABOI, V.A. [Ray of life; about the sun, sunlight and life on earth]. Luch zhizni; o Solntse, solnechnom svete i zhizni na Zemle. Kiev, Naukova dumka, 1966. 138 p. (Nauchno-populjarnaja literatura)
- BEI-BIENKO, G.I.A., and O.A. SKORIKOVA. [Laboratory exercises in entomology]. Laboratornye zanjatija po entomologii. 2., perer. izd. Leningrad, Kolos, 1966. 303 p. (Uchebniki i uchebnye posobia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DNAL)
- BERNSHTEIN, N.A. [Studies on the physiology of movements and the physiology of activity]. Ocherki po fiziologii dvizhenii i fiziologii aktivnosti. Moskva, Meditsina, 1966. 349 p.
- BGAZHBA, M.T. [Plant resources of Abkhazia and their utilization]. Rastitel'nye resursy Abkhazii i ikh ispol'zovanie. Sukhumi, Alashara, 1964. 578 p.
- BOGOMOLOVA, E.M., comp. [Bibliographical index]. Bibliograficheskii ukazatel'. Moskva, Ob-vo "Znanie" RSFSR, 1966. 40 p. (Biblioteka "Novaja nauka: Bionika," no. 1)
- BORODIN, O.I. [History of the evolution of the number concept and number system]. Istoria razvitiia poniatia pro chyslo i sistemu chyslenia. Kyiv, Radlanskaja shkola, 1963. 87 p.
- BOZHEVOL'NOV, E.A. [Luminescent analysis of inorganic substances]. Luminescentnyi analiz neorganicheskikh veshchestv. Moskva, Khimija, 1966. 415 p.
- BUKHARIN, I.U.V. [Chemistry of living nature]. Khimija zhivoi prirody. Moskva, Ob-vo "Znanie" RSFSR, 1966. 15 p. (Biblioteka "Novaja nauka: Bionika," no. 1)
- BYKOV, G.V. [History of the stereochemistry of organic compounds]. Istoria stereokhimii organicheskikh soedinenii. Moskva, Nauka, 1966. 371 p.
- CESNYS, GINTAUTAS, and SALEZIJUS PAVILONIS. [Why man does not develop from a monkey now]. Kodėl dabar is beždionių neišsivysto žmogus. Vilnius, Mintis, 1966. 30 p. [In Lithuanian]
- CHURILOVSKII, V.N. [Theory of optical instruments]. Teorija opticheskikh priborov. Moskva, Mashinostroenie, 1966. 563 p.
- DIMAKSIAN, A.M. [Mudflow radio-signal device]. Radioposvetitel' selia. Leningrad, Gidrometeoizdat, 1966. 81 p.
- DOROSHIKEVICH, A.M. [Dynamics; a programmed textbook. Talks 1-3]. Dinamika; programirovannoe uchebnoe posobie. Beseda 1-3. Moskva, Mosk. poligr. in-t, 1965. 123 p. (I.e., in 3 v.)
- EESTI NSV TEADUSTE AKADEMIJA. Loodusuuriajate selts. [Protection of our wild animals]. Meie loomade loodukaitsesest. Tartu, 1960. 76 p. (Abiks loodusevaatlajale, no. 43) [In Estonian]
- EGOROV, N.I. [Physical oceanography]. Fizicheskaja okeanografija. Leningrad, Gidrometeoizdat, 1966. 393 p.
- ELBERG, K. [A guide to the synanthropic flies of Estonia]. Eesti synantroopsete karbaste maaraja. Tartu, 1961. 38 p. (Abiks loodusevaatlajale, no. 44) [In Estonian]
- ENGEL'GARDT, V.A. [Chemistry studies living matter]. Khimija issleduet zhivoe. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike, XI Serija: Khimija, no. 5)
- FELLER, WILLIAM. [Introduction to probability theory and its applications. Translated from the English]. Vvedenie v teorii veroiatnostei i ee prilozhenia. Pod red. E.B. Dynkina. 2. izd. Moskva, Izd-vo "Mir," 1964. 498 p. (RPB)
- FESHCHENKO, S.F., N.I. SHKIL', and L.D. NIKOLENKO. [Asymptotic methods in the theory of linear differential equations]. Asimptoticheskie metody v teorii lineinykh differentsial'nykh uravnenii. Kiev, Naukova dumka, 1966. 250 p.
- FLORA OF KAZAKHSTAN. Flora Kazakhstana. Glav. red. N.V. Pavlov. Sost. A.N. Vasil'eva i dr. Alma-Ata, Nauka. Vol. 9. 1966. 638 p.
- FRIDMAN, A.A. [Selected works]. Izbrannye trudy. Pod red. L.S. Polina. Moskva, Nauka, 1966. 462 p. (Klassiki nauki)
- GAVERILOV, I.U.V. [Moments of inertia; programmed manual]. Momenty inertsii; programirovannoe uchebnoe posobie. Red. V.L. Blagoderzhin. Moskva, Mosk. energ. in-t, 1966. 127 p.
- GEL'FAND, I.M., and others. [Theory of representations and automorphic functions]. Teorija predstavlenii i avtomorfnykh funktsii. Moskva, Nauka, 1966. 512 p. (Obobshchennye funktsii, no. 6)
- GERCHIKOV, D.S. [Experience in the operation of a base isotope laboratory]. Opyt raboty bazovoi izotopnoi laboratorii. Moskva, Atomizdat, 1966. 74 p.
- GOLODNIKOV, G.V. [Laboratory work in organic synthesis]. Prakticheskie raboty po organicheskomu sintezu. Pod red. I.A. D'jakonova. [Leningrad] Izd-vo Leningr. univ., 1966. 309 p.
- GORDOV, A.N. [Temperature scales]. Temperaturnye shkaly. Moskva, Izd-vo Standartov, 1966. 46 p.
- GOROVOL, P.G. [Umbellifers (family Umbelliferae Moria.) of the Maritime Territory and Amur Valley; taxonomic review, geographical distribution, qualitative chemical composition]. Zontichnye (sem. Umbelliferae Moria.) Primor'ia i Priamur'ia; sistematischeskii obzor, geograficheskoe rasprostranenie, kachestvennyi khimicheskii sostav. Moskva, Nauka, 1966. 293 p.
- GRISHIN, I.S. [Snow cover and calculation of snow floods in the forest-steppe and steppe zones]. Snezhnyi pokrov i raschet snegovykh pavydov v lesostepnoi i stepnoi zonakh. Moskva, Nauka, 1966. 127 p.
- GUDOZHNIK, G.S. [Bionics' place within the system of sciences]. Mesto bioniki v sisteme nauk. Moskva, Ob-vo "Znanie" RSFSR, 1966. 22 p. (Biblioteka "Novaja nauka: Bionika," no. 1)
- IABLOKOV, A.V. [Current problems of evolutionary theory]. Aktual'nye problemy evoliutsionnoi teorii. Moskva, Znanie, 1966. 31 p. (Biblioteka "Filosofskie problemy biologii." V pomoshch' zanimaiushchimsia v sisteme partinnoi ucheby)
- IABLONSKII, A.A. [Course of theoretical mechanics]. Kurs teoreticheskoi mekhaniki. Izd. 3., ispr. i dop. Moskva, Vysshaja shkola. Pt. 1. [Statics, kinematics]. Statika, kinematika. 1966. 437 p. Pt. 2. [Dynamics]. Dinamika. 1966. 416 p.
- IVAKH, I.V., M.H. KIKETS', and M.A. KYLYMNYK. [Methods for solving problems in physics; a handbook for teachers]. Metodyka roz'vazuvalnia zadach z fizyki; posibnyk dlia vchyteliv. Kyiv, Radlanskaja shkola, 1966. 275 p.
- KANAIEV, I.I. [George Louis Leclerc de Buffon, 1707-1788]. Zhorzh Lui Lektier de Bluffon, 1707-1788. Moskva, Nauka, 1966. 264 p. (Nauchno-biograficheskaja serija)
- KOBLITSKAIA, A.F. [Guide to young fishes of the Volga Delta]. Opredelitel' molodi ryb dol'ity Volgi. Moskva, Nauka, 1966. 165 p.
- KOCHETKOV, N.K., I.V. TORGOV, and M.M. BOTVINIK. [Chemistry of natural compounds; carbohydrates, nucleotides, steroids, proteins]. Khimija prirodnykh soedinenii; uglevody, nukleotidy, steroidy, belki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 566 p. (ICRL)
- KONTRIMAS, JUSTINAS, and NATALJA SMORIGAITA. [Inorganic chemistry; a short course]. Neorganika chemija; trumpas kursas. 2. patalypas leidimas. Vilnius, Mintis, 1965. 247 p. [In Lithuanian]
- KORNIETIEV, O.P. [Guide to the wild animals of the Ukrainian S.S.R.]. Vyznachnyk zviriv URSS. Vyd. 2. Kyiv, Radlanskaja shkola, 1965. 233 p.
- KOSTIN, N.V. [Work safety measures in chemical laboratories]. Tekhnika bezopasnosti raboty v khimicheskikh laboratorijakh. [Moscow] Izd-vo Mosk. univ., 1966. 344 p.

- KRIACHKOV, N.N., and A.M. KHUBASHVILI. [General chemistry; a manual on laboratory work for students of all departments except technical chemistry] Obshchaya khimiya; posobie po laboratornym rabotam dlia studentov vsekh fakul'tetov, krome khimiko-tekhnologicheskogo. Leningrad, Severo-Zapadnyi nauchnyi politsekh. in-1, 1965. 95 p.
- KURSAOV, L.I., and M.I. GOLJENKIN. [Botany in two volumes] Botanika v dvukh tomakh. Moskva, Prosveshchenie.
- Vol. 1. Kursanov, L.I., and others. [Plant anatomy and morphology] Anatomija i morfologija rastenij. Izd. 7., ispr. 1 dop. Pod obshch. red. L.V. Kudriashova. 1960. 422 p.
- KUZIN, A.M. [Role of the method of research in modern biology] O roli metoda issledovaniia v sovremennoi biologii. Moskva, Znanie, 1960. 15 p. (Biblioteka "Filosofskie problemy biologii." V pomoshch' znanialushchimsia v sisteme partinnoi uchoby)
- LANDKOF, N.S. [Fundamentals of the modern theory of potential] Osnovy sovremennoi teorii potentsiala. Moskva, Nauka, 1966. 515 p.
- LAVROV, M.T. [Forests and animal kingdom of the Vietnamese Democratic Republic] Lesa i zhivotnyi mir Demokraticheskoi Respubliki V'etnam. Moskva, Lesnaja promyshlennost', 1965. 131 p.
- LIETUVOS TSR MOKSLU AKADEMIJOS. Vilna. Botanikos institutas. [Dictionary of botanical terms] Botanikos terminu zodinas. Redagavo J. Dagys, A. A. Lekavicius ir V. Malaisauskiene. Vilnius, Mintis, 1965. 660 p. [In Lithuanian]
- LIKHTMAN, V.I. [Lectures on the physics of solid bodies; a manual for a course in theoretical physics] Lekcii po fizike tverdogo tela; uchebnoe posobie po kursu teoreticheskoi fiziki. Moskva, Prosveshchenie, 1965. 206 p.
- LIVENTSEV, N.M. [Course of physics for medical institutions of higher education] Kurs fiziki dlia medikov. 3. izd. perer. i dop. Moskva, Vysshaja shkola, 1966. 512 p.
- LUK'ANOV, V.S. [Emotions and health] Emotsii i zdorov'e. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauka, tekhnika. VIII Seriya: Biologija i medicina, no. 10)
- MAZITOVA, R.M., V.N. OKHOTSKAIA, and B.I. PUCHKIN. [Diffraction and its stimulation] Oboslanie i ego modelirovanie. Novosibirsk, Nauka, 1965. 117 p.
- MEL'NIKOV, G.P. [Electronic digital spectrometers in experimental nuclear physics] Elektronnye tsifrovye spektrometry v eksperimental'noi iadernoi fizike. Moskva, Atomizdat, 1966. 190 p.
- MIKHAILOV, V.D., and I.L. ROZENTAL', eds. [Physics of elementary particles] Fizika elementarnykh chastits. Moskva, Atomizdat, 1966. 112 p.
- MIKHAILOV, V.N. [Control in biology] Regulirovanie v biologii. Moskva, Ob-vo "Znanie" RSFSR, 1966. 30 p. (Biblioteka "Novaya nauka: Bionika," no. 1)
- MIRAKHIMOV, M.M. [Peripheral blood picture under the high-mountain conditions of the Tien Shan and Pamirs] O kartine perifericheskoi krovi v usloviakh vysokogor'ia Tian'-Shania i Pamira. Frunze, M-vo zdravookhraneniia Kirgizskoi SSR, 1964. 127 p.
- MOSCOW. ENERGETICHESKII INSTITUT IM. G.M. KRZHZHANOVSKOGO. [Studies in physical gas dynamics] Issledovaniia po fizicheskoi gazodinamike. Moskva, Nauka, 1966. 223 p.
- MOSCOW. VSESIOIUZNYI INSTITUT NAUCHNOI I TEKHICHESKOEI INFORMATSII. [Thermal constants of substances; a manual in ten numbers] Termicheskie konstanty veshchestv; spravochnik v desiaty vypuskakh. Podgotovlen pod nauchn. rukovodstvom V.F. Glushko. Moskva, No. 2. Glushko, V.P., and others eds. S, Se, Te, Po. 1966. 94 p.
- NAPOL'SKII, S.A. [Preparation, properties, and use of organic compounds; molecules of types I and II. A manual for students of organic chemistry] Poduchenie, svoista i primenenie organicheskikh soedinenii; molekuly I i II tipa. V pomoshch' izuchaiushchim organicheskuiu khimiiu. Kirov, Kirovskii gos. pedagog. in-1, No. 2. 1964. 135 p.
- NOVOSILOVA, A.V., and L.R. BATANOVA. [Analytical chemistry of beryllium] Analiticheskaya khimiia berillia. Moskva, Nauka, 1966. 221 p. (Seriia: "Analiticheskaya khimiia elementov")
- OL'SHEVSKII, V.V. [Statistical characteristics of marine reverberation] Statisticheskie svoista morskoi reverberatsii. Moskva, Nauka, 1966. 201 p.
- ORAV, TOJVO. [Radiations and organisms] Kirgused ja organismid. Tallinn, Kirjastus "Valgus," 1965. 124 p. [In Estonian]
- OSTROMETSKII, A. [Some problems in constructing and using reference and information collections in scientific research institutes, design offices, and at enterprises; materials on scientific and technological information] Nekotorye voprosy sozdaniia i ispol'zovaniia spravocno-informatsionnykh fondov v NI, KB i na predpriatii; materialy po nauchno-tekhnicheskoi informatsii. Moskva, Vses. in-1 nauchnoi i tekhn. informatsii, 1966. 65 p.
- OSTROVSKII, A.I. [75 problems in elementary mathematics - simple, but... 75 zadach po elementarnoi matematike - prostykh, no... Moskva, Prosveshchenie, 1966. 131 p.
- PANOVKIN, B.N. [Advances in radio astronomy] Uspeski radioastronomii. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauka, tekhnika. XIV seriya: Radioelektronika i sviaz', no. 3)
- PAVLIUCHENKO, M.M., and I.G. TISHCHENKO, eds. [Heterogeneous reactions and reactivity] Geterogennye reaktsii i reaktsionnaya sposobnost'. Minsk, Vysshaja shkola, 1964. 206 p.
- PETROV, V.P. [Weather space stations] Kosmicheskie stantsii pogody. Moskva, Nauka, 1966. 116 p. (Nauchno-popularnaja seriya)
- PIKEL'NER, S.B. [Fundamentals of cosmic electrodynamics] Osnovy kosmicheskoi elektrodinamiki. Izd. 2., perer. i dop. Moskva, Nauka, 1966. 407 p.
- PLESHANOV, A.S., and V.G. PLESHANOVA. [Underwater kingdom at home] Podvodnyi mir doma. [Bratsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 97 p.
- POKROVSKAIA, G.V., and V.S. CHERNOV. [Organic chemistry] Organicheskaya khimiia. Izd. 2., ispr. i dop. Moskva, Vysshaja shkola, 1966. 225 p.
- POPOV, O.P. [Medicinal plants in popular medicine] Likars'ki rostliny v narodnoi meditsyni. Kyiv, Zdorov'ia, 1965. 344 p.
- POPELOV, D.A. [Solution of mathematical problems by means of digital computers] Reshenie matematicheskikh zadach na vychislitel'nykh mashinakh diskretnogo delstva. Moskva, Mosk. energ. in-1, Pt. 2. [Special programming problems] Spetsial'nye voprosy programirovaniia. 1966. 116 p.
- POTUL'NYTS'KYI, P.M. [Field manual in botany] Pol'ovyi praktikum z botaniky. Kyiv, Radlans'ka shkola, 1963. 200 p. fold. map (insert)
- PRAVDA, Moscow. [Landing on Venus] Posadka na Venere. Moskva, Znanie, 1966. 14 p. (Novoe v zhizni, nauka, tekhnika. IX Seriya: Fizika, matematika, astronomia, no. 9)
- PRILIPKO, L.I., R.K. ALJEV, and I.A. DAMIROV. [Medicinal plant resources of the natural and economic zones of the Azerbaijan S.S.R.] Lekars'tvennye rastitel'nye resursy prirodno-ekonomicheskikh zon Azerbaidzhanskoi SSR. Baku, Respubl. dom sniatiar-nogo provy., 1965. 75 p. illus.
- PROKHOROV, A.I. [What is bionics] Chto takoe bionika. Moskva, Ob-vo "Znanie" RSFSR, 1966. 23 p. (Biblioteka "Novaya nauka: Bionika," no. 1)
- [QUALITATIVE THEORY OF DYNAMIC SYSTEMS OF THE SECOND ORDER] Kachestvennaya teoriia dinamicheskikh sistem vtorogo poriadka. [By] A.A. Andronov i dr. Moskva, Nauka, 1966. 568 p.
- RABINOVICH, Z.L. [Elementary operations in electronic computers] Elementarnye operatsii v vychislitel'nykh mashinakh. Kiev, Tekhnika, 1966. 302 p.
- RADUSHKEVICH, L.V. [Course in statistical physics] Kurs statisticheskoi fiziki. Izd. 2. Moskva, Prosveshchenie, 1966. 420 p.
- RIPAN, R., and I. CETEANU. [Manual for laboratory work in inorganic chemistry; nonmetals. Translated from the Romanian] Rukovodstvo k prakticheskim rabotam po neorganicheskoi khimii; nemetally. Pod red. V.I. Spityina. Moskva, Mir, 1965. 564 p.
- ROTFENBERG, I.A.N. [Gyroscopes] Giroskopy. Moskva, Nauka, 1966. 369 p.
- ROMANTSEV, E.F., and others. [Early radiation-biochemical reactions] Rannie radiatsionno-biokhicheskije reaktsii. Pod red. E.F. Romantseva. Moskva, Atomizdat, 1966. 270 p.
- ROSE, MORRIS EDGAR. [Multipole fields. Translated from the English] Polia multipolii. Moskva, 1957. 132 p. (NBuU)
- RUHLIADEV, D.P. [Helminths of wild artiodactyl animals of the Crimea and Caucasus in the light of ecology and zoogeography] Gel'mintofauna dikikh parnokopynykh zhivotnykh Kryma i Kavkaza v ekologo-zoogeograficheskom osveshchenii. Pod red. N.A. Zolotareva. [Saratov] Izd-vo Saratovskogo univ., 1964. 448 p.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Physics; program, methods instructions and tests for technology major students of correspondence institutions of higher learning, departments and sections] Fizika; programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia studentov tekhnicheskikh spetsial'nostei zaochnykh vysshikh uchebnykh zavedenii, fakul'tetov i otdelenii. Pod red. A.G. Chertova. Izd. 7., ispr. Moskva, Vysshaja shkola, 1965. 173 p.
- SAMVELIAN, K.V. ["Patents" of insects] "Patenty" nasekomykh. Moskva, Ob-vo "Znanie" RSFSR, 1966. 20 p. (Biblioteka "Novaya nauka: Bionika," no. 1)
- [SCIENCE IN SOVIET ESTONIA] Naukogude Eesti Teadus. Koostanud O. Elson, M. Nellenurm, J. Kahk (toimetaja). Tallinn, Eesti Raamat, 1965. 94 p. [In Estonian]
- SHEINMANN, S.M., ed. [Theoretical bases of the interpretation of observations in the induced polarization method] Teoreticheskie osnovy interpretatsii nabludeni v metode vyvaznoi polarizatsii. [By] V.A. Komarov i dr. Leningrad, Nedra, 1966. 203 p.
- SIMPOZIUM "MATEMATICHESKII ANALIZ ELEKTROENTSEFALOGRAFICHESKIIKH DANNYKH V EKSPERIMENTE I KLINIKE," Erevan, 1964. [Mathematical analysis of electrical manifestations of the brain] Matematicheskii analiz elekticheskikh lavnenii gotovno mozga. Moskva, Nauka, 1965. 105 p.
- SIROTKIN, N.V. [Principles of linear perspective. Projections with numerical marks] Osnovy lineinai perspektivy. Proektail s chislennyi otmetkami. Moskva, Mosk. geologorazvedochnyi institut im. S. Ordzhonikidze, 1965. 49 p.
- SKRIABIN, K.I. [Trematodes of animals and man; principles of trematodology] Trematody zhivotnykh i cheloveka; osnovy trematologii. Moskva, Nauka. Vol. 22. 1966. 520 p.
- SOBOLEV, S.L. [Lectures on the theory of cubature formulas; course conducted at Novosibirsk State University in the academic year 1964/65] Lektsii po teorii kubaturnykh formul; kurs, prochtannyi v NGU v 1964/65 uch. godu. Novosibirsk, Novosibirskii gos. univ. Pt. 2. 1965. 262 p.
- SOBOLEV, V.V., V.G. GORBATSKII, and V.V. IVANOV, eds. [Theory of stellar spectra] Teoriia zvezdnykh spektrov. Moskva, Nauka, 1966. 368 p.
- SOKUR, I.T. [Protection of rare animals] Okhrona ridkinykh tvorn. Kyiv, Radlans'ka shkola, 1962. 50 p. (Biblioteka unioho naturalista) (NN)
- SPITKOVSKII, D.M., and O.E. VIAZOV. [Achievements of modern molecular biology and medicine] Uspeski sovremennoi molekuliarnoi biologii i meditsina. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauka, tekhnika. VIII Seriya: Biologija i medicina, no. 9)

STARODUBTSEV, S.I.A. [Concise course of chemistry] Kraukit kurs khimii. Red. V.A. Shcherbinin. Moskva, Energ. in-t, No.1, 1965. 171 p.

[STARS AND THE UNIVERSE. Participants in the discussion: V.A. Ambarsumian and others] Zvezdy i vselennaya. V besede uchastvuyut: V.A. Ambarsumian i dr. Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no. 10)

SYROECHKOVSKII, E.E. [Biological resources of the northern Yenisey] Biologicheskie resursy Eniseyskogo Severa. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1965. 150 p.

TESLENKO, I.F. [Elementary mathematics: geometry] Elementarnaya matematika: geometriya. Kyiv, Radnans'ka shkola, 1963. 270 p.

TOKAR, L.O. [Contemporary concepts of heredity] Suchasni uviadenia pro spadkovist'. Kyiv, Radnans'ka shkola, 1962. 170 p.

TOLPYGO, K.B. [Thermodynamics and statistical physics] Termodinamika i statisticheskaya fizika. [Kyiv] Izd-vo Kievskogo univ., 1966. 363 p.

TRAININ, I.A.L. [Principles of geometry; a handbook for pedagogical institutes] Osnovaniya geometrii: posobie dlia pedagogicheskikh institutov. Pod red. I.U. Sorokina. Moskva, Gos. ucheb.-pedagog. izd-vo M-va prosveshcheniya RSFSR, 1961. 325 p. (Nhd)

TRIFONOV, D.N. [Radioactivity yesterday, today, and tomorrow] Radioaktivnost' vchera, segodnya, zavtra. Moskva, Atomizdat, 1966. 108 p. (Nauchno-popul'naya biblioteka Atomizdata)

TRIFONOV, D.N. [Rare-earth elements and their position in the periodic system] Redkozemel'nye elementy i ikh mesto v periodicheskoi sisteme. Moskva, Nauka, 1965. 191 p.

TSKUNOV, A.E. [Collection of mathematical formulae] Sbornik matematicheskikh formul. Minsk, Vysshaya shkola, 1966. 178 p.

USVASKAIA, A.V. [The study of house plants in the lower grades of auxiliary schools; a manual for the teachers of lower grades] Izuchenie komnatnykh rastenii v mladshikh klassakh vspomogatel'noi shkoly; posobie dlia uchitelei nachal'nykh klassov. Izd. 2., ispr. i dop. Moskva, Prosveshchenie, 1966. 77 p.

VAL'DNER, O.A. [Linear electron accelerators; fundamental design of low-energy linear electron accelerators] Lineinye uskoriteli elektronov; osnovy rascheta LUE na malye energii. Moskva, Atomizdat, 1966. 187 p.

VAL'TSEGER, V.L. [Collection of problems in descriptive geometry] Sbornik zadach po nachertatel'noi geometrii. Izd. 4. Moskva, Mosk. inzhenerno-fizicheskii in-t, 1965. 48 p.

VANN, V.P., and I.U.K. CHEREVYCHNIK. [Specialized computer for oceanographic calculations] Spetsializirovannaya vychislitel'naya mashina dlia okeanograficheskikh raschetov. Moskva, Vychislitel'nyi tsentr AN SSSR, 1965. 117 p. (Trudy Vychislitel'nogo tsentra)

VASIL'EV, V.V., and N.N. GRIGOR'EV. [Laboratory manual on chemical qualitative semimicroanalysis] Prakticheskoe rukovodstvo po kachestvennomu khimicheskomu polumikroanalizu. [Leningrad] Izd-vo Leningr. univ., 1966. 263 p.

VASILJEVAS, VIKTORAS. [Formation of useful minerals] Kaip susidaro naudingosios iskasenos. Vilnius, Mintis, 1965. 119 p. [In Lithuanian]

VERZHUTSKII, B.N. [Symphyta of the Baikal Lake region] Pili'ehchiki Pribalka'ia. Moskva, Nauka, 1966. 161 p.

VILLMANN, C. Svoika nabljudeni serebristyykh oblakov v SSSR v 1964 g. Summary of Noctilucent Clouds Reports in USSR in 1964 [sic]. Tartu, in-t fiziki i astronomii Akad. nauk Estonskoi SSR, 1966. 8 p.

VISLAVSKII, M.N. [Linear algebra and linear programming] Lineinaya algebra i lineinoe programirovanie. Minsk, Vysshaya shkola, 1966. 221 p.

VLASOV, A.A. [Statistical distribution functions] Statisticheskie funktsii raspredeleniya. Moskva, Nauka, 1966. 355 p.

VORONTSOV, D.S., and M.F. SHUBA. [Physical electrotone of the nerves and muscles] Fizicheskiy elektrotone nervov i myshits. Kiev, Naukova dumka, 1966. 212 p.

VOROSHILOV, V.N. [Flora of the Soviet Far East; a synopsis with tables for species determination] Flora Sovetskogo Dal'nego Vostoka; konspekt s tablitsami dlia opredeleniya vidov. Moskva, Nauka, 1966. 276 p.

VSEIOUZNOE SOVESHCANIE, POSVIASHCHENNOE PROBLEME VNEZEMNYKH TSIVILIZATSII. 1st, Buzan, 1964. [Extraterrestrial civilizations; transaccions] Vnezemnye tsivilizatsii; trudy. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1965. 149 p. (NJP)

VSEIOUZNYI S'EZD PO TEORETICHESKOI I PRIKLADNOI MEKHANIKE, 2d, Moscow, 1964. [Transactions of the Second All-Union Congress on Theoretical and Applied Mechanics; summary reports] Trudy; obzornye doklady. Moskva, Nauka, No. 3. [Mechanics of a solid body] Mekhanika tverdogo tela. 1966. 410 p.

ZHELOBENKO, D.P. [Lectures on the theory of Lie groups] Leksii po teorii grupp Li. Dubna, [Izdatel'skii otdel Ob'edinenennogo in-ta iadernykh issledovani] 1965. 343 p.

14. MEDICINE

AKADEMIA NAUK GRUZINSKOI SSR, Tbilis. Institut eksperimental'noi morfologii. [Pathogenesis and treatment of some cardiovascular disorders; materials of the joint symposium of the A.N. Natishvili Institute of the Georgian S.S.R. and A.V. Vishnevskii Institute of Surgery of the Academy of Medical Sciences of the U.S.S.R.] K patogenezu i terapii nekotorykh serdечно-сосудистykh rasstroystv; materialy sovmestnogo simpoziuma Instituta eksperimental'noi morfologii im. A.N. Natishvili AN GSSR i Instituta khirurgii im. A.V. Vishnevskogo AMN SSSR. Tbilisi, Metsnereka, 1965. 139 p. (DNLM)

AKADEMIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Abnormally developed children; distinguishing oligophrenia from similar conditions] Deti s otkloneniyami v razviti; otklanchenie oligofrenii ot skhodnykh sostoyaniy. Pod red. M.S. Pevzner. Moskva, Prosveshchenie, 1966. 269 p. (DNLM)

ANAN'EV, M.G. [Substitutes for the living organ] Zameniteli zhivogo. Moskva, Znanie, 1966. 26 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriya: Biologiya i meditsina, no. 8)

BELI, P.S. ["Gopri" Sanatorium] Sanatori "Gopri." 2. izd. Odessa, Malak, 1966. 44 p. (DNLM)

DIEZIN, A.P. [Chemical burns of the esophagus in children] Khimicheskie ozhogi pishchevoda u detei. Moskva, Meditsina, 1966. 101 p. (DNLM)

BURCHINSKII, G.I., ed. [Problems of gastroenterology; a collection dedicated to the memory of Academician V.N. Ivanov of the Academy of Sciences of the Ukrainian S.S.R.] Voprosy gastroenterologii; sbornik posviashchennyi pamfati akademika AN USSR V.N. Ivanova. Kiev, gos. med. izd-vo USSR, 1963. 260 p. (RBP)

CHERTKOVA, F.A., and T.V. SHAPOVALOVA. [Bacterial pyrogens] Bakterial'nye pirogeny. Moskva, Meditsina, 1966. 150 p. (Biblioteka prakticheskogo vracha) (DNLM)

DOROSHENKO, I.T. [Cancer of the larynx; early diagnosis, treatment, and prevention] Rak gortani; rannaya diagnostika, terapiya i profilaktika. Khar'kov, Khar'kovskii gos. med. in-t, 1959. 268 p. (DNLM)

DYMARSKII, L.IU. [Treatment of recurrences and metastases of cancer of the mammary glands] Lechenie relsidivov i metastazov raka molochnoi zhelezy. [Leningrad] Meditsina, 1965. 150 p. (Biblioteka prakticheskogo vracha) (DNLM)

FRUNZE, KIRGIZSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. [Students' articles dedicated to the 25th anniversary of the Institute] Sbornik studenticheskikh rabot, posviashchennyi 25-letiyu instituta. Frunze, 1965. 107 p. (DNLM)

GANDEL'SMAN, A.B., and K.M. SMIRNOV. [Physical education of schoolchildren; the medical and biological aspects] Fizicheskoe vospitanie detei shkol'nogo vozrasta; mediko-biologicheskie osnovy. 2., perer. i dop. Izd. Moskva, Fizkul'tura i sport, 1966. 254 p. (DNLM)

GOL'DBERG, V.N. [If the heart stops...] Esli serdtse ostnovilos'. Kiev, Naukova dumka, 1966. 100 p. (Nauchno-popul'naya literatura) (DNLM)

GUBA, G.P. [Neurological symptoms, syndromes and functional tests; a manual for the practicing doctor] Nevrologicheskie simptomy, sindromy i funktsional'nye proby; posobie dlia prakticheskogo vracha. Pod red. D.I. Proniva. Kiev, Zdov'ia, 1966. 170 p. (DNLM)

KALINA, G.P., ed. [Methods of sanitary and bacteriological research of the external environment] Metody sanitarno-bakteriologicheskikh issledovaniy vneshnei sredy. Moskva, Meditsina, 1966. 373 p. (Biblioteka sanitarnogo vracha) (DNLM)

KASSIRSKII, I.A. [Seekers of new antimicrobial drugs] Iskateli novykh antimikrobynykh lekstv. Moskva, Meditsina, 1966. 65 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)

KHARKOV, UKRAINSKII INSTITUT USOVERSHENSTVOVANIA VRACHEI. [Problems of the diagnosis and treatment of tuberculosis] Voprosy diagnostiki i lecheniya tuberkuleza. Khar'kov, [Izd-vo Khar'kovskogo gos. univ.] 1961. 219 p. (DNLM)

KONFERENTSIYA PO PROBLEME FIZIOLOGII I PATOLOGII ORGANOV PISHCHEVARENIA. [Materials of the Conference on the Problems of the Physiology and Pathology of the Digestive Organs] Materialy. Irkutsk, Irkutskii gos. med. in-t, 1964. 149 p. (DNLM)

KOVANEV, V.A. [Corticosteroids in modern anesthesia] Kortikosteroidy v sovremennom obezboivani. Moskva, Meditsina, 1966. 252 p. (DNLM)

KOZELETSKII, V.G. [Electronics in medicine] Elektronika v meditsine. Moskva, Meditsina, 1966. 49 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)

KURASHVILI, M.E., and M.E. MACHABELI. [Clinical aspects, treatment, and prevention of poisonings with cyanogen compounds in workers occupied in the fumigation of tea and citrus fruits. Klinika, lechenie i profilaktika otravlenii tsianistymi soedineniyami rabotnikov, zanatykh na fumigatsii chaya i tsitrusov. Tbilisi, Sabchota Sakartvelo] 1966. 23 p. [In Georgian] (DNLM)

LENINGRAD, GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRAVMATOLOGII I ORTOPEДИИ. [Problems of traumatology and orthopedics; materials for the summarizing scientific conference of the Leningrad Scientific Research Institute of Traumatology and Orthopedics, April 1965] Voprosy travmatologii i ortopedii; materialy k itogovoi nauchnoi konferentsii Leningradskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii. apr'el' 1965 goda. Leningrad, 1965. 129 p. (DNLM)

LENINGRAD, NAUCHNO-ISSLEDOVATEL'SKII PSIKHO-NEVROLOGICHESKII INSTITUT IMENI V.M. BEKHTEREVA. [Rehabilitation therapy and the social and occupational readaptation of patients with neuropsychic diseases; materials of the all-Union scientific conference, November 10-13, 1965] Vosstanovitel'naya terapiya i sotsial'no-trudovaya readaptatsiya bol'nykh nervno-psichicheskimi zabolevaniyami; materialy vsesoyuznoi nauchnoi konferentsii, 10-13 noyabrya 1965 goda. Leningrad, 1965. 386 p. (DNLM)

MARUASHVILI, G.M. [Helminthic diseases in children] Glistnye zabolevaniya u detei. Moskva, Znanie, 1966. 39 p. (Narodnyi universitet; Fakul'tet zdorov'ia, no. 10)

- MAZINA, E.G. [Tuberculosis in children and adolescents in the Far North] Tuberkulez u detei i podrostkov na Kraimom Severe. Moskva, Meditsina, 1966. 182 p. (Biblioteka prakticheskogo vracha) (DNLM)
- MIKELADZE, K.D., and E.I. KUZANOV. [Closed lesions of organs of the abdominal cavity] Zakrytye povrezhdeniya organov brushnoi polosti. Tbilisi, Sakhota Sakartvelo, 1965. 236 p. (DNLM)
- MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT PSIKHIATRII. [Problems of the clinical aspects, pathogenesis, and treatment of schizophrenia; materials of the scientific conference of the State Scientific Research Institute of Psychiatry of the Ministry of Public Health of the R. S. F. S. R., March 1964] Voprosy kliniki, patogenez i lecheniia shizofrenii; materialy nauchnoi konferentsii Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii MZ RSFSR, Mart 1964 g. Moskva, 1964. (DNLM)
- MOSCOW. NAUCHNO-ISSEDOVATEL'SKII INSTITUT SKOROI POMOSHCHI IM. SKLIFOSOVSKOGO. [Manual on diagnosis and medical first aid in some emergency states; for doctors of mobile emergency aid units] Pamiatka po diagnostike i okazaniu pervoi meditsinskoj pomoshchi pri nekotorykh neotlozhnykh sostoyaniakh; dlia vychnykh vrachei skoroj i neotlozhnoj pomoshchi. Moskva, [Znanie] 1966. 111 p. (DNLM)
- MOSCOW. OBLASTNOI NAUCHNO-ISSEDOVATEL'SKII KLINICHESKII INSTITUT. [Materials on the study of acute appendicitis] Materialy k ucheniu o ostron appenditsite. Red. kol.: P. M. Leonenko i dr. Moskva, Mosk. obl. otdel zdravookhraneniia, 1965. 227 p. (Its: Trudy) (DNLM)
- MOSCOW. Pervyi Meditsinskii Institut. [Cardiac fibrillation and defibrillation; materials of the symposium, June 21-22, 1966] Fibrillatsiia i defibrillatsiia serdtsa; materialy simpoziuma, 21-22 iunia 1966 goda. Otv. red. S. M. Pavlenko. Moskva, 1966. 125 p. (DNLM)
- MOSCOW. Vtoroi Meditsinskii Institut. [Philosophy, logic and medicine] Filosofii - logika - meditsina. Pod red. F. T. Mikhailova i M. B. Turvanskogo. Moskva, 1965. 110 p. (Its: Trudy)
- [MULTIVOLUME MANUAL ON INTERNAL DISEASES] Mnogotomnoe rukovodstvo po vnutrennim bolezniam. Moskva, Meditsina.
- Vol. 8. Nesterov, A. I., ed. [Collagen diseases of the organs of movement and metabolism. Avitaminoses] Kollagenovye bolezni organov dvizheniia i obmena veshchestv. Avitaminozy. 1965. 482 p. (DNLM)
- [MULTIVOLUME MANUAL ON THE MICROBIOLOGY, CLINICAL ASPECTS AND EPIDEMIOLOGY OF INFECTIOUS DISEASES] Mnogotomnoe rukovodstvo po mikrobiologii, klinike i epidemiologii infektsionnykh boleznei. Moskva, Meditsina.
- Vol. 7. [Bacterial and spirochetal infections. Skin diseases and anaerobic infections] Bakteriial'nye i spirokhetoznye infektsii. Bolezni pokrovov i anaerobnye infektsii. Red. K. I. Matveev, P. A. Petrichcheva. 1966. 736 p. (DNLM)
- NAUCHNO-PRAKTICHESKAA KONFERENTSIYA VRACHEI GORODA KISHINEVA. Ist. 1962. [Brief contents of reports at the Scientific and Practical Conference of Physicians of Kishinev] Kratkoe soderzhanie dokladov. Kishinev, M-vo zdravookhraneniia MSSR, 1962. 156 p. (DNLM)
- NECHAEVA, I. D. [Tumors of the ovaries; clinical aspects, diagnosis, treatment, prevention] Opukholi iaichnikov; klinika, diagnostika, lechenie, profilaktika. [Leningrad] Meditsina, 1960. 173 p. (DNLM)
- ODESSA. NAUCHNO-ISSEDOVATEL'SKII INSTITUT STOMATOLOGII. [Caries and parodontosis] Karies i parodontoz. Kiev, Zdorov'ia, 1965- iv. (DNLM)
- [OUR HEALTH RESORTS] Nashi zdravnytsy. Moskva, Fizkul'tura i sport, 1965. 78 p.
- PODOL'NYI, S. A. [Medical service for the rural population] Meditsinskoe obsluzhivanie sel'skogo naseleniia. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1965. 388 p. (DNLM)
- RIABYSHENKO, O. H. [Public health of the population of the western provinces of the Ukraine] Okhorona zdorov'ia naselennia zakhlybnykh oblastei Ukrainy. Kyiv, Derzh. medycheske vyd-vo URSR, 1963. 88 p. (NN)
- RYBAKOV, A. I. [Errors and complications in therapeutic stomatology] Oshibki i oslozhneniia v terapevtskoi stomatologii. Moskva, Meditsina, 1965. 150 p. (Biblioteka prakticheskogo vracha) (DNLM)
- SEREBROV, A. I., and I. F. GREKH, eds. [Nonspecific medicinal prevention and treatment of cancer; some ways of development] Nespetsificheskaya lekarstvennaya profilaktika i terapiia raka; nekotorye puti razvitiia. [Leningrad] Meditsina, 1966. 206 p. (DNLM)
- S'VEZD FTIZIATROV BELORUSSKOI SSR, Ist. Minsk, 1963. [Problems of tuberculosis control; materials] Voprosy bor'by s tuberkulezom; materialy. Minsk, Belorusskii nauchno-issl. in-t tuberkuleza, 1964. 318 p. (DNLM)
- SHALAEV, M. I. [Short outline of the pathogenesis, clinical aspects, treatment and prevention of lung suppuration] Kratkiy ocherk patogenez, kliniki, lecheniia i profilaktiki legochnykh nagnenii. Perm', Permskoe knizhnoe izd-vo, 1964. 234 p. (DNLM)
- SOVETOV, V. N. [Health resorts of Odessa; a brief manual] Kurorty Odessy; kratkiy spravochnik. Odessa, Miatk, 1966. 46 p. illus.
- TERSKIKH, V. I., and I. L. KOKOVIN. [Leptospirosis diseases in man] Leptospiroznye zaboлевaniia liudel. Moskva, Meditsina, 1964. 207 p. (DNLM)
- TUR, A. F. [Rickets] Rakhit. [Leningrad] Meditsina, 1966. 168 p. (DNLM)
- USTINOVA, E. I. [Methods for early diagnosis of glaucoma] Metody rannel diagnostiki glaukomy. Pod red. P. E. Tikhomirova. [Leningrad] Meditsina, 1966. 109 p. (Biblioteka prakticheskogo vracha) (DNLM)
- VAITKEVICIUS, K., and P. TRAINYS. [Prejudices in popular medicine] Prietrnai liaudies medicinoje. Vilnius, Mintis, 1966. 34 p. [In Lithuanian] (DNLM)
- ZABLUDOVSKAYA, E. D. [V. A. Kashevarova-Rudneva; the story of women's higher medical education in Russia] V. A. Kashevarova-Rudneva; k istorii vysshego zhenskogo meditsinskogo obrazovaniia v Rossii. Moskva, Meditsina, 1965. 118 p. (DNLM)
- ZHMAKIN, K. N., ed. [Principles of endocrinological gynecology] Osnovy endokrinologicheskoi ginekologii. [By] K. N. Zhmakin i dr. Moskva, Meditsina, 1966. 375 p. (DNLM)
- ZIUGZDA, ALFREDAS, JONAS BAKSYA, and KOSTAS LABANAUSKAS. [Principles of general therapy] Bendrosios terapijos pagrindai. Vilnius, Mintis, 1966. 320 p. [In Lithuanian] (DNLM)

15. AGRICULTURE

- ABRAMOV, A. I. [Enrichment of mixed feeds with chemical means] Obogashchenie kombikormov khimicheskimi sredstvami. Moskva, Kolos, 1966. 103 p. (DNAL)
- [AGRICULTURAL CALENDAR FOR 1966] Lauksaimniecības kalendārs 1966. Rīga, Liesma, 1965. 302 p. [In Latvian]
- AKADEMIJA NAUK KAZAKHSKOI SSSR, Alma-Ata. Institut pochvovedeniia. [Soils of the Kazakh S.S.R. in 16 numbers] Pochvy Kazakhskoi SSR v 16 vypuskakh. Alma-Ata, Nauka.
- No. 6. Evstifeev, I. G. [Soils of Kustanay Province] Pochvy Kustanaiskoi oblasti. 1966. 414 p.
- ANDRAITIS, ANTANAS. [Veterinary operative surgery] Veterinarine operacine chirurgija. Vilnius, Mintis, 1966. 239 p. [In Lithuanian] (DNAL)
- ANIFEROV, F. E., and L. A. IVTODII. [Machines and implements for growing vegetable crops] Mashiny i orudija dlia vozdeleyvaniia ovoshchnykh kul'tur. Leningrad, Kolos, 1966. 214 p. (DNAL)
- BLIZNIKIENE, BRONISLAVA. [Chemical composition, nutritional value and calorificity of fodder] Pnsaru chemine sudetis, maistingumas ir kaloriningumas. Vilnius, Mintis, 1966. 50 p. [In Lithuanian] (DNAL)
- BRIANTSEV, B. A. [Agricultural entomology] Sel'skokhoziaistvennaya entomologiya. Leningrad, Kolos, 1966. 341 p. (Uchebniki i uchebnye posobia dlia sel'skokhoziaistvennykh tekhnikumov) (DNAL)
- CHEBOTAREV, I. T. [Methodology of teaching the anatomy and physiology of farm animals] Metodika prepodavaniia anatomii i fiziologii sel'skokhoziaistvennykh zhivotnykh. Moskva, Kolos, 1966. 286 p. (Uchebniki i uchebnye posobia dlia vysshiikh sel'skokhoziaistvennykh zavedenii) (DNAL)
- CHUKHONTSEV, A. M. [Use of hydraulic drives in fishing and deck mechanisms] Primenenie gidravlicheskikh privodov v promyslovyykh i palubnykh mekhanizmach. Moskva, Pischevala promyshlennost', 1965. 108 p. (Tekhnika rybolova)
- DANTA, KLEMENSAS. [Toward the third step; achievements of swine breeders of the Kretingale State Farm] I treciaj pakopa; Kretingales tarypinio uklo klatiu augintoju pasiekimai. Vilnius, Valstybine polit. ir mokslu lit-ros leidykla, 1963. 21 p. (Socialistinio kalno svyturiai) [In Lithuanian] (DNAL)
- [DUCK FARMING] Angli augtinimas. [By] K. Jackunas ir kiti. Vilnius, Mintis, 1966. 90 p. (Zemes uklo darbuotoju bibliotekale) [In Lithuanian] (DNAL)
- EFIMOV, V. A. [Assembly and use of V-belt transmissions for agricultural machinery] Montazh i ekshlataciia klinoremennykhperednch sel'skokhoziaistvennykh mashin. Moskva, Biuro tekhn. informatsii, 1965. 14 p. (Peredovoi opyt i predlozheniia. Seria 1: Remont mashinno-traktornogo parka) (DNAL)
- ENGELIS, K. [Let's develop pond fish culture] Attstisim dikanimcedba. Riga, Liesma, 1965. 60 p. [In Latvian]
- [EPIZOOTIOLOGY AND BASIC MICROBIOLOGY] Epizootologija au mikrobiologijos pagrindais. [By] V. Stulkyis ir kiti. Vilnius, Mintis, 1966. 255 p. [In Lithuanian] (DNAL)
- ERSHOV, V. S., ed. [Fundamentals of veterinary medicine] Osnovy veterinarii. Izd. 3., ispr. i dop. Moskva, Kolos, 1966. 414 p. (Uchebniki i uchebnye posobia dlia vysshiikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DNAL)
- [FUNDAMENTALS OF IRRIGATION FARMING AND IRRIGATION MACHINERY] Osnovy orosheniemo zemledeliia i tekhnika poliva. [By] M. A. Kozin i dr. Moskva, Kolos, 1966. 190 p. (Uchebniki i uchebnye posobia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii) (DNAL)
- GERULAITIS, V., comp. [Practical work with agricultural machinery] Zemes uklo mashin praktikos darbai. Vilnius, Mintis, 1966. 269 p. [In Lithuanian] (DNAL)
- GRINEVICIUS, HENRIKAS, and VACLOVAS SCHEBLOVAS. [Agricultural meteorology] Zemes uklo meteorologija. Vilnius, Mintis, 1966. 214 p. [In Lithuanian] (DNAL)
- GRUSHEVOI, S. E. [Agricultural phytopathology] Sel'skokhoziaistvennaya fitopatologiya. Moskva, Kolos, 1965. 446 p. illus. (Uchebniki i uchebnye posobia dlia vysshiikh sel'skokhoziaistvennykh uchebnykh zavedenii) (CU)

- HAPONENKO, V.S., and others. [Agricultural combines] *Sil'skospodars'ki kombinay. Za red. P.T. Honcharuka. 3. pereroblene ta dopovnene vydannia. Kyiv, Urozhai, 1965. 407 p. (Posilnyky dlia pidhotovy sil's'kykh mekhanizatoriv)* (DNAL)
- [INSTRUCTIONS TO AGRICULTURAL MACHINERY OPERATORS] *Patarimal zemes ukio mekhanizatoriam. Vilnius, Mintis, 1965. 60 p. (Zemes ukio mekhanizatoriaus biblioteketele)* [In Lithuanian] (DNAL)
- IOGANZEN, B.G., and G.M. KRIVOSHCHENKOV. [Fish culture in Western Siberia and northern Kazakhstan] *Rybovodstvo Zapadnoi Sibiri i Severnogo Kazakhstana. Moskva, [Kolos] 1965. 109 p.*
- IRKUTSK. SEL'SKOKHOZIAISTVENNYI INSTITUT. *Kafedra zemledelia i pochvovedeniia. [Problems of scientific farming in Irkutsk Province] Voprosy nauchnogo zemledelia Irkutskoi oblasti. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 98 p.* (DNAL)
- ISAEV, S.I. [Breeding and new varieties of apple] *Selektisia i novye sorta jabloni. Moskva, Kolos, 1966. 446 p.* (DNAL)
- IURGENSON, E.I. [Forester's vademecum; a manual for workers in forest protection and lower echelon forestry personnel] *Sputnik lesnoi okhrany; posobie dlia rabotnikov lesnoi okhrany i nizovogo zvena lesnykh spetsialistov. Izd. 2., ispr. i dop. Moskva, Lesnaya promyshlennost', 1966. 242 p.* (DNAL)
- IUROV, V.G. [Fisheries off the continental shelf of North America] *Promysel ryby na shel'fe Severnoi Ameriki. [Kaliningrad], Atlantiro, 1964. 45 p.*
- JANKAUSKAS, VYTAUTAS, and ALGBIANTAS SRIUPSA. [Chemical and mechanical elimination of brush] *Cheminis-mechaninis kruma naikliimas. Vilnius, Mintis, 1965. 74 p. [In Lithuanian]* (DNAL)
- KARANDINA, S.N. [Growth and development of oak in gullies of western Kazakhstan; the biological and ecological properties of oaks of early and late races] *Rost i razvitiie duba v padinakh Zapadnogo Kazakhstana; biologicheskie i ekologicheskie svoistva dubov ranni i pozdni ras. Moskva, Nauka, 1966. 82 p.* (DNAL)
- KAZAN. UNIVERSITET. [Problems of the genesis and large-scale mapping of soils] *Voprosy genezisa i krupnomasshtabnogo kartirovaniia pochv. [Kazan'] 1965. 144 p.*
- KIKACHEISHVILI, R.M., G.E. SUTIDZE, and G.T. KUTUBIDZE. [Promising table grape varieties. Perspectives of the Stolovoye sorta vinograda. Tbilisi, Sabcheta Sakartvelo] 1965. 119 p. [In Georgian] (DNAL)
- KOBAKHIDZE, A.A.A. [Pulse crops in Georgia. Zernobovyye rasteniia Gruzii] *Tbilisi, Metsnereia] 1965. 90 p. [In Georgian]* (DNAL)
- KOVALEV, V.N., ed. [Experimentation in crop cultivation and animal husbandry] *Opytnicheskaya rabota po polevodstvu i zhivotnovodstvu. Minsk, Narodnaia asveta, 1966. 69 p.* (DNAL)
- KRENKE, N.P. [Transplantation of plants] *Transplantatsiia rastenii. Moskva, Nauka 1966. 333 p.* (DNAL)
- KUBILIUS, BRONIUS. [Improvement of veterinary hygiene conditions in live stock barns] *Zoohigienos salygu gerinimas gyvulininkystes patalpose. Vilnius, Mintis, 1966. 39 p. [In Lithuanian]* (DNAL)
- KUTATELADZE, SH.I., I.P. MANDENOVA, and A.S. SHKHIAN. [Useful plants. Polesnye rasteniia. Tbilisi, Metsnereia. In Georgian] No. 1. [Wild fruit trees in eastern Georgia. Dikoraustuohie plodovye Vostochnoi Gruzii] 1965. 74 p. illus. (DNAL)
- KUZIN, A.M., and N.M. BEREZINA. [Atomic energy in agriculture] *Atomnaia energiya v sel'skom khoziaistve. Izd. 2., perer. i dop. Moskva, Atomizdat, 1966. 89 p.* (DNAL)
- LIETUVOS ZEMES UKIO MECHANIZACIJOS IR ELEKTRIFIKACIJOS MOKSLINO TYRIMO INSTITUTAS. [Mechanization of agricultural production] *Apie zemes ukio gamybos mechanizavima. Vilnius, Mintis, 1965. 129 p. [In Lithuanian]* (DNAL)
- LIZGUNOVA, T.V. [Cabbage] *Kapusta. Leningrad, Kolos, 1965. 383 p.* (DNAL)
- MAKHATADZE, L.B., and I.D. POPOV. [Forest types in Transcaucasia; a practical guide for forest managers] *Tipy lesov Zakavkaz'ia; prakticheskoe rukovodstvo dlia lesoustroitelii. Moskva, Lesnaya promyshlennost', 1965. 131 p.* (DNAL)
- MALINOVSKII, A.V. [Hunting industry in Czechoslovakia] *Okhotnich'e khoziaistvo v Chekhoslovakii. Izd. 2., ispr. i dop. Moskva, Lesnaya promyshlennost', 1966. 102 p.*
- [MANUAL ON TRACTORS] *Praktikum po traktoram. [By] G.A. Golubev i dr. Moskva, Kolos, 1966. 342 p. (Uchebnyi i uchebnye posobia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)*
- MELEKHOV, I.S. [Principal yield cutting] *Rubki glavnogo pol'zovaniia. Izd. 2., ispr. i dop. Moskva, Lesnaya promyshlennost', 1966. 373 p.* (DNAL)
- MOLCHANOV, A.A. [Optimal forest coverage; as exemplified by the Central Chernozem Region] *Optimal'naiia iesiatost'; na primere TschR. Moskva, Nauka, 1966. 124 p.* (DNAL)
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA. *Spravochno-bibliograficheskii otdel. [Mycoses and mycotoxicoses in farm animals and poultry; a bibliographical list of Soviet literature for 1963-1965 comprising 185 items] Mikrozy i mikotoksikozy sel'skokhoziaistvennykh zhivotnykh i ptits; bibliograficheskii spisok otechestvennoi literatury za 1963-1965 gg. v kollektive 186 nazvanii. Moskva, 1965. 26 p.*
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA. *Spravochno-bibliograficheskii otdel. [Polyploidy and its use in plant breeding; a bibliographical list of Soviet literature for 1963-1965 comprising 149 items and foreign literature for 1964-1965 comprising 135 items] Poliploidia i ee ispol'zovanie v selektsii rastenii; bibliograficheskii spisok otechestvennoi literatury za 1963-1965 gg. v kollektive 149 nazvanii i inostrannoi literatury za 1964-1965 gg. v kollektive 135 nazvanii. Moskva, 1965. 53 p.*
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA. *Spravochno-bibliograficheskii otdel. [Soil erosion and its control; a bibliographical list of Soviet literature for 1964-1965 comprising 327 items] Eroziia pochvy i bor'ba s nei; bibliograficheskii spisok otechestvennoi literatury za 1964-1965 gg. v kollektive 327 nazvanii. Moskva, Vses. Akad. sel'khoz. nauk, 1965. 41 p.*
- NAUCHNO-METODICHESKOE SOVESHCHANIE PO KULTURE STOLOVOGO VINOGRADA, Tashkent, 1963. [Problems of the development of table-grape culture; materials] *Voprosy razvitiia stolovogo vinogradstva; materialy. Tashkent, Uzbekistan, 1964. 317 p.* (CU)
- NAUKOVO-DOSLIDNYI INSTITUT ZEMLEROBSTVA I TVARNYNYSTVA ZAKHIDNYKH RAIONIV URSR. [The most important results of mass experiments in 1962] *Natohovnihi naslidy masovykh doslidiv za 1962 rik. L'viv, Kntzhkovo-zhurnal'ne vyd-vo, 1963. 103 p.* (DNAL)
- PETROVICH, P.I. [Peat soils in the Selenga Delta and their agricultural use] *Torfianyie pochvy del'ty r. Selengi i ikh sel'skokhoziaistvennoe ispol'zovanie. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 93 p.* (DNAL)
- POPOV, A.L., and A.M. NEGRUL'. [Organization of table-grape culture in Moldavia; based on the example of the "Biruinia" Collective Farm in Novyye Aneny District] *Organizatsiia stolovogo vinogradstva v Moldavii; na primere kolchoza "Biruinia" Novo-Anenskogo raiona. Kishinev, Kartia moldovenaske, 1963. 69 p.* (CU-A)
- [RESOURCES OF THE BERING SEA; commercial fishes of the continental slope, their catching and processing] *Dogalstva Beringova moria; promyslovyye ryby materikovogo sklona, ikh lov i obrabotka. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965. 74 p.* (Biblioteka rybaka)
- SAECHNIKOV, V.G. [In an advanced logging camp] *V pereodovom lespronkhozhe. Moskva, Gosleskhimzdat, 1963. 28 p.* (NHD)
- [SECOND GLORY OF THE KOTOVSKII-ITES] *Vtoraiia slava kotovisev. Kishinev, Izd-vo Kartia moldovenaske, 1964. 140 p.* (WU)
- SHUIN, K.A. [Growing vegetables under synthetic films] *Vyrashchivanie ovoshchei pod sinteticheskimi plenkami. Minsk, Urozhai, 1966. 86 p.* (DNAL)
- SHUL'TS, MANFRED. [Year-round sewage irrigation] *Kruglogodovoe oroshenie stochnymi vodami. Moskva, Kolos, 1965. 190 p.* (DNAL)
- SLUTSKII, B.Z. [Preserving fishery resources] *Na strazhu rybnikh bogatstv. Moskva, Pischevaia promyshlennost', 1965. 57 p.*
- SMELOV, S.P. [Theoretical bases underlying meadow cultivation] *Teoreticheskie osnovy lugovodstva. Moskva, Kolos, 1966. 366 p.* (DNAL)
- SOKOL'SKAYA, ZH.M., comp. [Woodcutters of Russia] *Lesorubyy Rossii. Moskva, Sovetskaya Rossiia, 1963. 124 p.* (Wau)
- STEPANOVA, K.D. [Meadows of the Kamchatka Peninsula] *Luga poluostrova Kamchatski. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965. 90 p.* (DNAL)
- STRONA, I.G. [General seed study of field crops] *Oshchee semeopovedenie pol'nykh kul'tur. Moskva, Kolos, 1966. 463 p.* (DNAL)
- SVENITSKII, I.I. [Energy of fertility; optical radiation and agricultural production] *Energia plodorodiia; opticheskoe izluchenie i sel'skokhoziaistvennoe proizvodstvo. Moskva, Znanie, 1966. 46 p. (Novyye v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no. 9)*
- SYTNIKOV, E.P. [Conquerors of the blue waters] *Pokoriteli goluboi tseliny. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965. 25 p.*
- SYTOV, I.P. [What are the advantages of overall mechanization in agriculture] *Chto daet kompleksnuiu mekhanizatsiuiu v sel'skom khoziaistve. Kishinev, Partitnoe izd-vo TsK KP Moldavii, 1964. 17 p.* (DNAL)
- TAMARKIN, M.L. [Forest fire protection in North America] *Okhrana tesov ot pozharov v Severnoi Amerike. Moskva, Lesnaya promyshlennost', 1966. 135 p.* (DNAL)
- VASINAUSKAS, PETRAS. [Cultivation practices] *Agrotechnika. 3. leidimas. Vilnius, Mintis, 1966. 439 p. [In Lithuanian]* (DNAL)
- VENSKUTONIS, V. [Fruit culture] *Sodininkyste. Vilnius, Mintis, 1966. 383 p. illus. [In Lithuanian]* (DNAL)
- VESKI, ESTA. [Some results of growing carnations and roses in hydroculture] *Nelkide ja rooside hüdrokultuuris kasvatamise tulemusi. Tallinn, Eesti NSV Teaduste Akadeemia, 1965. 68 p. [In Estonian]* (DNAL)
- VOLKOVA, A.A., R.S. GALIEV, and V.I. OVCHARENKO. [Necrobactinosis in sheep] *Nekrobakterioz ovets. Frunze, Ilim, 1965. 180 p.* (DNAL)
- VSESOIUZNAIA KONFERENTSIIA PO ULUCHSHENIU PLEMENNOGO DELA V ZHIVOTNOVODSTVE. 1965. [Materials and recommendations of the All-Union Conference on the Improvement of Breeding Work in Animal Husbandry] *Materialy i rekomendatsii. Moskva, Kolos, 1966. 581 p.* (DNAL)

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- AGSHEV, A. P. [Return flows of gas between reservoirs in the development of gas fields] *Mezhlipostovye peretoki gaza pri razrabotke gazovykh mestorozhdenii*. Moskva, Nedra, 1966. 203 p.
- AIZENSHTEIN, E. M., and O. R. KUPINSKII. [Production of polyester fibers] *Proizvodstvo polifibrnykh volokon*. Moskva, Vysshaya shkola, 1965. 94 p.
- AKADEMIA NAUK KIRGIZSKOI SSR, Frunze, Institut avtomatiki. [Elements and networks of contactless remote-control systems] *Elementy i skhemy beskontaktnykh telemechanicheskikh sistem*. Frunze, Ilim, 1965. 70 p.
- AKADEMIA NAUK KIRGIZSKOI SSR, Frunze, Institut avtomatiki. [Networks and devices with discrete operation] *Uzly i ustroystva diskretnogo deystviya*. Frunze, Ilim, 1966. 48 p.
- AKADEMIA NAUK SSSR, Institut fiziki Zemli. [Geoaoustics; using sounds and ultrasounds in seismology, seismic prospecting, and mining] *Geoakustika; ispol'zovanie zvuka i ul'trazvuka v seismologii, seismorazvedke i gornom dele*. Moskva, Nauka, 1966. 191 p.
- AKADEMIA NAUK SSSR, Institut goruchikh iskopaemykh. [New means for obtaining chemical products on the basis of combustible minerals] *Novyye sposoby polucheniya khimicheskikh produktov na osnove goruchikh iskopaemykh*. Moskva, Nauka, 1966. 113 p.
- AKADEMIA NAUK SSSR, Institut istorii estestvoznaniya i tekhniki. [Invention of radio: A. S. Popov; documents and materials] *Izobretenie radio: A. S. Popov; dokumenty i materialy*. Pod red. A. I. Berga. Moskva, Nauka, 1966. 283 p.
- AKADEMIA NAUK SSSR, Institut metallurgii. [Internal friction in metals and alloys] *Vnutrennee trenie v metalakh i splyavakh*. Moskva, Nauka, 1966. 243 p.
- AKADEMIA NAUK SSSR, Nauchnyi sovet po teorii mashin i rabochikh protsessov. [Transmission mechanisms] *Peredatocnyye mekhanizmy; sbornik statei*. Pod red. V. F. Mat'iseva. Moskva, Mashinostroenie, 1966. 335 p.
- AKADEMIA NAUK URSS, Kiev. [Automation and relay protection of electrical systems] *Avtomatizatsiya i rel'evnaya zashchita elektricheskikh sistem*. Kiev, Naukova dumka, 1966. 200 p. (Respublikanskii mezhdunarodnyi sbornik. Seriya: "Problemy tekhnicheskoi elektrodinamiki")
- AKADEMIA NAUK URSS, Kiev. [Tectonics and oil and gas potential of the Dnieper-Donets Lowland] *Tektonika i neftegazonosnost' Dneprovsko-Donetskoi vpadiny*. Kiev, Naukova dumka, 1966. 131 p. (Respublikanskii mezhdunarodnyi sbornik. Seriya: "Geologiya i geokhimiya goruchikh iskopaemykh")
- AKADEMIA NAUK UZBEKSKOI SSR, Tashkent, Institut geologii i geofiziki. [Endogenetic ore formations of Uzbekistan] *Endogennyye rudnye formatsii Uzbekistana*. Tashkent, Izd-vo "Fan" UzSSR, Vol. 1. [Tungsten, molybdenum, bismuth, copper, lead and zinc, mercury and antimony] *Vol'fram, molibden, vismut, med', svintets i tsink, rtut' i sur'ma*. 1966. 306 p.
- ALIAMOVSKII, I. V. [Electron beams and electron guns] *Elektronnyye puchki i elektronnyye puskhi*. Moskva, Sovetskoe radio, 1966. 455 p.
- ALMA-ATA HOUSING CONSTRUCTION COMBINE [Alma-Atinskii domostroitel'nyi kombinat, Alma-Ata, Kazgosizdat, 1964. 130 p.
- AMBAROV, V. A. [Methods manual for a course project on machine parts] *Metodicheskoe posobie k kursovomu projektu po detaliam mashin*. Moskva, tekhn. in-t masin i molochnoi promyshl., 1965. 123 p.
[Supplement] *Prilozhenie 1 v. (chtofly illus.)*
- ANAN'INA, V. Z. [Interaction of railroad and maritime transportation in the reloading of bulk freight] *Vzaimodeystvie zheleznodorozhnogo i morskogo transporta pri peregruzke navalocnykh gruzov*. Moskva, Transport, 1966. 88 p.
- ANDREEV, N. I. [Correlation theory of statistically optimal systems] *Korrelatsionnaya teoriya statisticheskii optimal'nykh sistem*. Moskva, Nauka, 1966. 454 p. (Teoreticheskie osnovy tekhnicheskoi kibernetiki)
- APPAZOV, R. F., S. S. LAVROV, and V. P. MISHIN. [Ballistics of long-range guided rockets] *Ballistika upravlyаемykh raket dal'nego deystviya*. Moskva, Nauka, 1966. 306 p.
- APTOV, I. S., and M. V. KHIOMIAKOV. [Maintenance of insulating oils] *Ukhod za izolatsionnyim maslom*. Izd. 2., perer. i ispr. Moskva, Energiya, 1966. 100 p. (Biblioteka elektromonera, no. 184)
- ARSH, E. I., G. K. VITOR'T, and F. B. CHERKASSKII. [New methods for crushing strong rocks] *Novyye metody drobleniya krepkikh gornykh porod*. Kiev, Naukova dumka, 1966. 157 p.
- ARTAMONOV, M. D., and I. V. MIKHAILOVSKII. [Teaching special technology to tractor operators in lumbering operations] *Prepodavanie spetsial'noi tekhnologii traktoristam - mekhanizatoram na lesozagotovitel'nykh rabotakh*. Moskva, Vysshaya shkola, 1966. 158 p.
- ATROSHENKO, A. P., S. M. STEL'MAKOV, and S. M. KHESEN. [Advanced technology in forging with hammers and presses] *Progressivnaya tekhnologiya shtampovki na molotakh i pressakh*. Izd. 2., perer. i dop. Pod obshchey red. P. V. Kamneva. Moskva, Mashinostroenie, 1964. 167 p. (Biblioteka kuzneta-novatora, no. 5)
- ATROSHENKO, A. P., S. N. SALOV, and S. M. KHESIN. [Modern dies for cutting burrs] *Sovremennyye shtampy dlya obrezki obtoila*. Moskva, Mashinostroenie, 1966. 199 p.
- BADENKO, V. A., V. V. BOITSOV, and I. V. VOLK. [Die forging; atlas of plans and standard designs for dies] *Ob'mennaya shtampovka; atlas skhem i tipovykh konstruktivnykh shtampov*. [Moskva] Mashinostroenie, 1965. 156 p.
- BADALOVA, E. I., ed. [Technology of textile glass fibers; their production and processing] *Tekhnologiya tekstil'nogo steklovolokna; polucheniye i pererabotka*. [By] V. K. Razumovskii i dr. Moskva, Khimika, 1966. 326 p.
- BARAMIDZE, V. A. [Methods for evaluating the accuracy of measuring amplifiers and converters] *Metody otsenki tochnosti izmeritel'nykh ustroystv i preobrazovatelei*. Leningrad, 1965. 47 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Tekhnologiya proizvodstva radioelektronnoi apparatury)
- BARANOV, S. A., and V. F. VETSHEVA. [Sawing large logs at Siberian and Far East plants] *Raspilovka krupnomernykh breven na zavodakh Sibiri i Dal'nego Vostoka*. Moskva, Lesnaya promyshlennost', 1966. 59 p.
- BASKIN, I. N., and V. F. KOSTIKOV. [Automatic adjustments in television receivers] *Avtomaticheskoe regulirovaniye v televizorakh*. Moskva, Svyaz', 1966. 58 p. (Biblioteka "Televizionnyi priem," no. 27)
- BELOUSSOV, N. I., and E. G. FEDOSEEVA. [Manufacture of cables and wires with plastic insulation] *Proizvodstvo kabelei i provodov s plastmassovoi izolatsiei*. Moskva, Energiya, 1966. 95 p.
- BEREZIN, B. P., N. I. DUMCHENKO, and K. V. MOSOLOV. [Gear grinding; zuboshlital'nye raboty] *Gear grinding; zuboshlital'nye raboty*. Moskva, Vysshaya shkola, 1966. 277 p. diagra. (Insert)
- BERNADSKII, G. I. [An aid to the sanitary technician; tools, machines, devices] *V pomoshch' sanitsekhniku; instrumenty, stanki, prapriobleniya*. [Leningrad] Lenzdat, 1966. 159 p.
- BESSER, I. A., and V. P. PROSKURNIN. [Assembling precast reinforced-concrete elements] *Montazh stornykh zhelezobetonnykh konstruktii*. Izd. 2., perer. i dop. Moskva, Vysshaya shkola, 1966. 336 p.
- BLOKHIN, A. D., and B. I. ISAEV. [Automatic device for controlling and sorting cylindrical compression springs] *Avtomat dlya kontrolya i sortirovki tsilindricheskikh pruzhin szhatiya*. Leningrad, 1965. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Metody i sredstva kontrolya kachestva i nadezhnosti mashin i priborov)
- BLOKHIN, K. A. [Mechanized exchange of switches] *Mekhanizirovannaya smena strobochnykh perevodov*. Moskva, Transport, 1965. 95 p.
- BOLDAKOV, E. V. [Stream crossings] *Perekhody cherez vodotoki*. Moskva, Transport, 1965. 422 p.
- BONDARENKO, N. A. [Special machinery and mechanisms for railroad electrification used in transportation construction] *Spetsializirovannyye mashiny i mekhanizmy dlya elektrifikatsii zheleznykh dorog, primeneniye v transportnom stroitel'stve*. Moskva, Mosk. zaochnyi stroit. tekhnikum transport. stroitel'stva, 1965. 77 p.
- BORIK, A. G., and I. M. AGAFONOV. [We are introducing advanced technology] *Vnedraeniye peredovoi tekhnologii*. [Moskva] Moskovskii rabochii, 1965. 73 p.
- [BORING AND BLASTING IN TRANSPORTATION CONSTRUCTION] *Burovnyye raboty na transportnom stroitel'stve*. [By] I. A. Kh. Esterov i dr. Moskva, Transport, 1966. 398 p.
- BREIDT, A. I., and M. S. BRODSKII. [Control and test station of a signaling and communication district; work practices of the October Revolution Railroad] *Kontrol'no-ispytatel'nyi punkt distantsii signalizatsii i svyazi; opyt Oktabr'skoi dorogi*. Moskva, Transport, 1966. 122 p.
- BRODER, D. L., and others. [Concrete in nuclear power plant shielding] *Beton v zashchite yadernykh ustanovok*. Moskva, Atomizdat, 1966. 239 p.
- BUDNIKOV, V. I. [Dividing process in mechanical spinning] *Protsess deleniya v mekhanicheskoi pradenii*. Moskva, Legkaya industriya, 1965. 273 p.
- BULGAKOV, K. V. [Power supply for industrial enterprises] *Energoosnabzheniye promyshlennykh predpriyatiy*. Izd. 2., perer. i dop. Moskva, Energiya, 1966. 317 p.
- BULOVSKII, P. I., and E. M. DEL'SON. [Testing aeronautical instruments] *Ispytaniya aviatsionnykh priborov*. Moskva, Mashinostroenie, 1966. 361 p.
- [BURNING FUEL GASES IN COMBUSTION CHAMBERS] *Szhiganiye goruchikh gazov v topochnykh ustroystvakh*. [By] N. V. Lavrov i dr. Moskva, Energiya, 1966. 271 p.
- BUTAKOV, I. N. [Thermal power systems] *Teplosilovyye ustanovki*. Tomsk, Izd-vo Tomskogo univ. Pl. 2. Izd. 2., dop. i ispr. 1964. 263 p.
- BUTOVSKII, G. K., and K. G. BUTOVSKII. [Working principles of motor vehicles] *Ustroystva avtomobilei*. Izd. 2., ispr. i dop. Saratov, Privolzhskoe kulzhnoe izd-vo, 1965. 787 p.
- BYZOV, V. I. [Improving working quality of woodcutting tools] *Povysheniye iznosostoičnosti derevozrezushchego instrumenta*. Moskva, Lesnaya promyshlennost', 1965. 75 p. (Nastoihcho vnedriat' peredovoi opyt v proizvodstve)
- [CALCULATION OF THE TRAFFIC CAPACITY OF RAILROADS] *Raschet propusknoi sposobnosti zheleznykh dorog*. [By] E. V. Arkhangelskii i dr. Moskva, Transport, 1966. 367 p.
- [THE CHEMICAL LABORATORY IS THE LEADING SHOP OF THE FACTORY] *Khimicheskaya laboratoriya - vedushchii tsikh predpriyatiya*. [Moskva] Mosk. rabochii, 1965. 122 p.
- CHEREPNIN, N. V. [Vacuum properties of materials for electronic devices] *Vakuumnyye svoystva materialov dlya elektronnykh priborov*. Moskva, Sovetskoe radio, 1966. 349 p.
- CHERETSKII, A. K. [Electric slag welding of flanges in petroleum and chemical machinery manufacture] *Elektroshlakovaya svarka flantsov v neftekhim i khimicheskoi mashinostroeni*. Leningrad, 1966. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnaya formirovaniye)
- CHERNAK, V. S., and K. P. VOSICHANOV. [Young welder's handbook] *Spravochnik molodogo svarsheika*. Izd. 4., perer. i dop. Moskva, Vysshaya shkola, 1966. 555 p.
- CHERNOV, O. I., and E. S. ROZANTSEV. [Prevention of sudden outbursts of coal and gas in coal mines] *Dopreduprezhdeniye vnezapnykh vybrosov uglya i gaza v ugod'nykh shakhtakh*. Moskva, Nedra, 1965. 208 p.

- NOZHUKOV, N.I. [Technology of petroleum refining and gas processing] Tekhnologiya pererabotki naft i gaza. [Ed. 4., perer. i dop.] Moskva, Khimlia, 1966. 360 p.
- NOVI, I.R. [Preparing raw materials for petrochemistry] Podgotovka syrya dlia neftekhimii. Moskva, Khimlia, 1966. 253 p.
- LOVSKII, I.P. [Methods of field geological analysis in the development of large oil fields; based on a study made in the Romashkino oil field] Metody geologo-promyshlennogo analiza pri razrabotke krupnykh neftekhimicheskikh mestorozhdenii na primere Romashkinskogo mestorozhdeniia. Moskva, Nedra, 1966. 178 p.
- DAKOV, P.I. [Placement of rubber insulation and coatings on wires and cables] Nalozhenie rezinovoi izolatsii i obolochek na provoda i kabeli. Moskva, Energiia, 1966. 140 p.
- EV, A.V. [Councils of Leningrad innovators] Sovety innovatorov Leningrada. [Leningrad] Lenzdat, 1965. 42 p. (Peredovoi opyt - vseim!)
- COMMERCIAL STUDY OF DAIRY, FAT, EGG, MEAT, AND FISH PRODUCTS] Davrovedenie molochnykh, khlebovykh, latsnykh, masnykh i rybnykh tovarov. [By] G.S. Bulikov i dr. [Ed. 3., dop. i perer.] Moskva, Ekonomika, 1965. 343 p.
- SCHEV, V.I., N.P. STRELIANOV, and P.P. SHILOV-SKII. [Formation of exogenous uranium deposits and the methods of studying them] Obrazovanie ekzogenykh mestorozhdenii urana i metody ikh izucheniia. Moskva, Atomizdat, 1966. 245 p.
- NILOV, V.N., and A.I.A. ZADNEPROVSKII. [New structural materials; manual for students majoring in electromechanics] Noveye konstruktivnye materialy; uchebnoe posobie dlia studentov elektromekhanicheskikh spetsial'nostei. Moskva, Vses. nauchnyi i inzhenerov zhet-dor. transporta, 1965. 110 p.
- YDOV, S.S. [Reinforced cementless concrete and cementless concrete] Armirovanie i plastovanie uchebnoe posobie. Moskva, Mosk. inzhenerov zhet-dor. transporta, 1965. 47 p.
- YDOVA, L.G. [Use of electric power in Russian industry; an historical essay] Ispol'zovanie elektricheskoi energii v promyshlennosti Rossii; istoricheski ocherk. Moskva, Nauka, 1966. 195 p.
- SIGN OF COTTON SPINNING FACTORIES] Proektirovanie khlopokoprindil'nykh fabrik. [By] A.V. Terlushov i dr. Moskva, Legkaiia Industriia, 1965. 564 p. (fold. diagr. (insert))
- THIEV, I.N., V.A. SELIVANOV, and L.E. SYRKOV-SKAIA. [Set of equipment for thermal conditioning of radioelectric equipment] Kompleks oborudovaniia dlia termicheskoi obrabotki radioelektronnogo apparatura. Leningrad, 1965. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seria: Motody i sredstva kontroliia kachestva i nadezhnosti mashin i priborov)
- BUCHAEV, V.N., and V.V. SUDAKOV. [Control of the quality of precast reinforced concrete using radioengineering methods] Kontrol' kachestva sbornogo zhelezobetonu radiotekhnicheskimi metodami. Leningrad, 1966. 27 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seria: Stroitel'nye materialy i konstruktii)
- KOMIR, [Building activity kva, design] moe -dor.
- IDRU [Note con-nie v .A. Zho-
- DYKHOVICHNYI, A.I. [Structural mechanics; an abridged course] Stroitel'naiia mekhanika; skrashechenyi kurs. [Ed. 4., perer.] Moskva, Vysshiaia shkola, 1966. 327 p.
- EFREMOV, S.G. [New developments in the technology of winter insulating operations using nonfreezing cold asphaltic mastics] Novoe v tekhnologii zimnikh izolatsionnykh rabot s primeneniem nezamerzaiushchikh kholodnykh asfal'tovykh mass. Leningrad, 1965. 27 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seria: Stroitel'noe proizvodstvo)
- EGORENKOV, N.G., S.B. KARVATSKII, and G.A. TER-PUGOV. [Polar-frequency PCHDTs-TsNIi dispatcher-interlocking system] Polarno-chastotnaia dispetcherskaiia (sentralizatsiia PCHDTs-TsNIi) Moskva, Transport, 1966. 157 p., diagr. (insert). (Biblioteka elektromekhanika STsB i svyazi)
- EIDEL'STEIN, I.L. [Principles of automation and control and measuring instruments in the fish processing industry] Osnovy avtomatizatsii i kontrol'no-izmeritel'nye pribory v rybolobratyvatushchei promyshlennosti. Moskva, Pishchevaia promyshlennost' 1965. 263 p.
- [ELECTRIC MACHINERY AND POWER SUPPLY SOURCES] Elektricheskie mashiny i istochniki elektropriiama. [By] S.N. Borovoi i dr. Moskva, Transport, 1966. 355 p.
- [ELECTRICAL ENGINEERING] Elektrotehnika. [By] I.M. Kanoy i dr. Moskva, Voenizdat, 1966. 613 p.
- ELFIMOV, V.M. [Directional power relays] Rele na pravleniia moshchnosti. Moskva, Energiia, 1966. 55 p. (Biblioteka elektromonera, no. 189)
- EMEL'IANOV, V.S. [The atom is striding through all countries] Atom shagaet po stranam. Moskva, Izd-vo Znanie, 1966. 142 p.
- ENIKEEV, V.R. [Practical manual for oil-field equipment operators] Prakticheskoe posobie dlia operatorov po dobyche nefti. Moskva, Nedra, 1965. 306 p.
- EPSHTEIN, A.G. [Ultrahigh-frequency measuring apparatus] Izmeritel'naia apparatura averkhyvysokikh chastot. Leningrad, Sudostroenie, 1965. 256 p.
- FAINER, B.M., and D.P. BILLER. [Barber's handbook; men's parlor] Posobie мастера-парикмахера; мужской зал. Kiev, Budivelnik, 1966. 173 p.
- FAL'KEVICH, A.S., and M.KH. KHUSANOV. [Magnetographic control of welded joints] Magnitograficheskii kontrol' svarnykh soedinenii. Moskva, Mashinostroenie, 1966. 174 p.
- FARAONOV, G.T. [Low-module gear wheels made of polyamide resin] Mekhanodul'nye zubchatye koleasa iz poliamidnoi smoly. Leningrad, 1965. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seria: Konstruirovaniie i tekhnologiya izgotovleniia izdelii iz plasticheskikh mass)
- FEDOROV, B.F. [Lasers] Opticheskie kvantovye generatory. Moskva, Energiia, 1966. 86 p. (Massovaiia radiobiblioteka, no. 605)
- FEDOTOV, V.N. [Technical electrochronometry] Tekhnicheskie elektroizmeriteli vremeni. Moskva, Mashinostroenie, 1966. 156 p.
- [FESTIVE CLOTHES FOR ALL] Peorolvald koligte. Tallinn, Kunst, 1964. 1 v. (chiefly illus.) pattern (insert). [In Estonian]
- [FUNDAMENTALS OF THE DESIGN AND PLANNING OF ENTERPRISES OF THE MEAT AND POULTRY PROCESSING INDUSTRIES] Osnovy proektirovaniia predpriatii masnoi i ptitsopererabatyvatushchei promyshlennosti. [By] A.A. Maierberger i dr. Moskva, Pishchevaia promyshlennost', 1965. 384 p.
- GAKKEL', E.I.A., ed. [Electrical machines and electrical equipment of diesel locomotives] Elektricheskie mashiny i elektrooborudovanie teplovozov. [By] E.I.A. Gakkel' i dr. Moskva, Transport, 1966. 307 p., diagr. (insert)
- GAVRILOV, G.K. [Approximation methods for the analysis of transient processes] Priblizhennyye metody analiza perekhodnykh protsessov. Moskva, Sovetskoe radio, 1966. 151 p.
- GEL'MAN, G.A., and E.A. SOSKIN. [Contactless components in automatic networks and systems control] Beskontaknye elementy v skhemakh i ustroistvakh avtomatiki. Moskva, Energiia, 1966. 87 p. (Biblioteka elektromonera, no. 180)
- GEOLOGO-GEOKHIMICHESKII TREEST. TSentral'naiia laboratoria prikladnoi geokhimi. [Handbook on the preliminary mathematical processing of geochemical information in prospecting] Rukovodstvo po predvaritel'noi matematicheskoi obrabotke geokhicheskoi informatsii pri pol'skovykh rabotakh. Sost.: A.A. Beus i dr. Moskva, Nedra, 1966. 118 p.
- GLADKOV, K.M., ed. [Technology of the manufacture of textile machinery] Tekhnologiya tekstil'nogo mashinostroeniia. [By] K.M. Gladkov i dr. Moskva, Mashinostroenie, 1966. 439 p.
- GLADSHTEIN, I.E., and I.A. GINZBURG. [Molds for the production of glassware] Formy dlia proizvodstva steklannyykh izdelii. Moskva, Legkaiia Industriia, 1966. 227 p.
- GLAZOVA, V.V. [Alloying of titanium] Legirovaniie titana. [Moskva] Metallurgiya, 1966. 191 p.
- GODIK, E.I. [Reference handbook on mechanical drawing] Spravochnoe rukovodstvo po cherecheniu. [Ed. 3., perer. i dop.] Moskva, Mashinostroenie, 1966. 602 p.
- GOGICHAISHVILI, P.F. [Substations without cutouts at the higher voltage ends] Podstantsii bez vykluchatel'ei na vysshem napriazhenii. Moskva, Vysshiaia shkola, 1965. 189 p.
- GOL'DBERG, D.O., and B.A. SOBOLEV. [Deasphalting by propane] Deasfal'tizatsiia propanom. Moskva, Khimlia, 1965. 102 p. (Biblioteka molodogo rabochego)
- GONCHARENKO, G.M., L.F. DMOKHOVSKAIA, and E.M. ZHAKOV. [Test systems and measuring devices in high-tension laboratories: Introduction to laboratory work in high-tension engineering] Ispytatel'nye ustanovki i izmeritel'nye ustroistva v laboratoriiakh vysokogo napriazheniia: vvedenie k laboratornym rabotam po tekhnike vysokikh napriazhenii. Red. V.P. Larionov. Moskva, Mosk. energ. in-t, 1966. 158 p.
- GORSHIN, S.N., and I.A. CHERNTSOV. [Field testing of antiseptics] Poligonnye ispytaniia antiseptikov. Moskva, Lesnaia promyshlennost', 1966. 135 p.
- GOSUDARSTVENNYI INSTITUT PO PROEKTIROVANIU I ISSLEDOVANIU VZRYVOBEZOPASNOGO ELEKTROOBORUDOVANIU. [Survey and analysis of explosion-proof electric motors] Obzor i analiz vzryvozashchishchennykh elektrodvigatelei. Moskva, Energiia, 1965. 262 p.
- GOTLIB, A.D. [The blast furnace process] Domennyyi protsess. [Ed. 2., ispr. i dop.] Moskva, Metallurgiya, 1966. 503 p.
- [GREAT BENEFITS FROM MINOR MECHANIZATION; practices of machinery plants of the Donets Economic Council] Bol'shaia pol'za ot maloi mekhanizatsii; iz opyta mashinostroitel'nykh zavodov Donetskogo sovnarkhoza. Donetsk, Donbass, 1965. 77 p.
- GREBLIKAS, ANTANAS. [Technology of surface sanitary engineering works] Isoriniu santechnikos darbu technologija. Vilnius, Mintis, 1966. 133 p. [In Lithuanian]
- GRINSHTEIN, M.M., and L.M. KUCHIKIAN. [Photoelectric concentration meters for automatic control and regulation systems] Fotoelektricheskie kontsentratory dlia avtomaticheskogo kontroliia i regulirovaniia. Moskva, Mashinostroenie, 1966. 170 p.
- GRISHIN, E.M., and Z.I.A. IANSON. [Motor scooters; their construction and operation] Mopedy; ustroistvo i ekspluatatsiia. Moskva, Mashinostroenie, 1966. 147 p.
- GUS'KOV, K.P., and B.M. AZAROV. [Perforated plates in macaroni production] Perforirovannyye platny v makaronnom proizvodstve. Moskva, TsINTIPishcheprom, 1965. 47 p.
- GUTOROV, M.M. [Fundamentals of light engineering and light sources] Osnovy svetotekhniki i istochnik sveta. Moskva, Mosk. energ. in-t, Pt. 2, [Incandescent lamps] Lampy nakalivaniia. Red. V.S. Litvinov. 1966. 94 p.

- [HANDBOOK ON GEOPHYSICS] Spravochnik geofizika. Moskva, Nedra.
- Vol. 4. [Seismic prospecting] Seismorazvedka. Pod red. I. I. Gurvicha i V. P. Nomokonova. 1966. 749 p.
- IANOV, V. V. [Use of plastic materials in the production of furniture] Primenenie v proizvodstve mobili plasticheskikh mass. Leningrad, 1965. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Obmen pereodovym proizvodstvennym i nauchno-tekhnicheskimi opytom v derevoobrabatvyavushchei promyshlennosti)
- IEVLEV, V. I., and A. G. KARIAGIN. [Installation of power-distribution units with 110 and 220 kv. ratings] Montazh raspredelitel'nykh ustroystv 110 i 220 kv. Moskva, Energiia, 1966. 87 p. (Biblioteka elektromontera, no. 178)
- [INDEX OF STATE STANDARDS, 1966; as of January 1, 1966] Ukazatel' Gosudarstvennykh Standartov 1966; po sostoiianiiu na 1 yanvara 1966 g. Izdanie otkritiia. Moskva, Izd-vo Standartov, 1966. 639 p.
- IONOV, L. P. [From the lightest materials; mountable-dismountable and inflatable structures made of plastic] Iz samykh legkikh materialov; o sborno-razbornykh i naduvnykh sooruzheniiakh iz plastikov. Moskva, Stroizdat, 1966. 90 p. (Nauchno-populiarnaiia seriya)
- ISHCHENKO, I. I. [Masonry work and the assembling of precast elements] Kamennye raboty i montazh sbornykh konstruktii. 2. izd. [Moskva, Vysshiaia shkola, 1966. 443 p.]
- IVANOV, A. A. [Principles of the theory of electric and magnetic circuits] Osnovy teorii elektricheskikh i magnitnykh tsepey. Izd. 2., perer. Kiev, Naukova dumka, 1966. 357 p.
- IVANOV, N. N., ed. [Examples of the design of technology for road construction] Primery proektirovaniia tekhnologii dorozhno-stroitel'nykh rabot. [By] B. M. Oreshkin i dr. Moskva, Transport, 1966. 373 p.
- KARTANOVICH, M. M., S. V. KRYLOV, and A. I. TSIMDEROV. [Insulators and equipment for overhead power transmission lines] Izollatory i armatura dlia vozdukhnykh lini elektropereдачи. Pod obshchimi red. M. M. Kartanovicha. Moskva, Energiia, 1965. 193 p.
- KAMORNIK, E. K., and A. G. ORLOV. [Using the method of quantitative spectrographic analysis for the determination of silicon and germanium in solid solutions of silicon-germanium; work practices in the control of the technology of semiconducting alloys] Primenenie metoda kolichestvennogo spektral'nogo analiza dlia opredeleniia kremniia i germaniia v tverdykh rastvorakh kremni-germanii; opyt raboty po kontroliu tekhnologii poluprovodnikovykh splavov. Leningrad, 1966. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Uucheshenie kachestva, povysheniia nadezhnosti i dolgozhechnosti mashin, priborov i drugikh promyshlennykh izdelii)
- KASHUDA, B. P., and others. [The T-74 tractor; its design, operation and maintenance] Traktor T-74; konstruktisia, ekspluatatsiia, ukhod. 2., izd., ispr. i dop. Moskva, Kolos, 1966. 206 p.
- KASPERAVICIUS, PETRAS. [Invention and patents] Isradyta ir patentotyra. Vilnius, Mintis, 1966. 146 p. [In Lithuanian]
- KAZAKOV, I. U. N., and others. [Remote control of the equipment operated by the office of reservoir pressure maintenance in petroleum production] Telomekhanizatsiia ob'ektov tsakha podderzhanii plastovogo davleniia v nefteboiyeche. Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 118 p. diagrs. (insert)
- KAZAKOVA, O. S., and B. V. KONIAEV. [Course and diploma project for a major in "Manufacture of concrete and reinforced-concrete products and elements for prefabricated construction"] Kursovoe i diplomnoe proektirovanie po spetsial'nosti "Proizvodstvo betonnykh i zhelezobetonnykh izdelii i konstruktisia dlia sbornogo stroitel'stva." Pod red. V. I. Sorokera. Moskva, Vysshiaia shkola, 1966. 183 p.
- KHALTURIN, D. S. [Oil and gas occurrences, formation of geological structure, and sedimentation] Neftegazonosnost', formirovaniie geologicheskoi struktury i osadkonakopleniie. Moskva, Nedra, 1966. 194 p.
- KHANTADZE, G. E. [Some problems in the theory and thermal analysis of motor-vehicle and tractor engines] Nekotorye voprosy teorii i teplovogo rascheta avtotraktornykh dvigatel. Tbilisi, Gruzinskii sel'khoz. in-t, 1964. 213 p.
- KHARADZHA, F. N. [General course in X-ray technology] Obshchii kurs rentgenotekhniki. Izd. 3. Moskva, Energiia, 1966. 567 p.
- KHAR'KOVSKII PROMSTROINPROEKT. [Technological equipment and means of small-scale mechanization for assembling and installing structural elements of industrial structures; an album and catalog] Tekhnologicheskaiia osnastka i sredstva maloi mekhanizatsii dlia sborki i montazha stroitel'nykh konstruktii promyshlennykh sooruzhenii; al'bom-katalog. Moskva, Stroizdat, 1966. 62 p.
- KHODAK, I. A., V. P. RAKHMANOV, and V. A. ERO-SHICHEV-SHAK. [Manganese deposits in the Kuznetsk Alatau] Mestorozhdeniia mangants Kuznetskogo Alatau. Moskva, Nauka, 1966. 101 p. illus.
- KHRENOV, A. D. [Handbook for the young metal worker in forging and sheet-metal work] Spravochnik molodogo kuzneca-shtampovshchika. Izd. 2., perer. i dop. Moskva, Vysshiaia shkola, 1966. 298 p.
- KHURLOV, V. A. [Machining parts made of magnetic materials in the manufacture of instruments] Mekhanicheskaiia obrabotka izdelii iz magnitnykh materialov v priborostroenii. Moskva, Mashinostroenie, 1966. 162 p.
- KIEV, NAUCHNO-ISLEDOVATELSKII INSTITUT STROITEL'NOGO PROIZVODSTVA. [Album for the maintenance of the D-275 (280) bulldozer] Al'bom tekhnicheskogo obsluzhivaniia bul'dozera D-275 (280). Moskva, Stroizdat, 1966. 79 p.
- KIGAI, I. N. [The Lifudzin tin ore deposit and certain problems of hydrothermal mineralization] Lifudzinskoe olovorudnoe mestorozhdeniie i nekotorye voprosy gidrotormal'nogo mneralobrazovaniia. Moskva, Nauka, 1966. 247 p.
- KIREEV, M. I., and A. I. KOVARSKII. [Installation and operation of the electrical equipment of electric-power plants, substations and electric-power transmission lines] Montazh i ekspluatatsiia elektrooborudovaniia stantsii, podstantsii i lini elektropereдачи. 3. izd., ispr. Moskva, Vysshiaia shkola, 1966. 407 p.
- KISLIAKOV, L. D., and others. [Flotation of the copper-zinc and copper ores of the Urals] Flotatsiia medno-tsin'kovykh i mednykh rud Urala. Moskva, Nedra, 1966. 388 p.
- KIZEL'SHTEIN, V. A. [Chemistry in metalwork] Khimiia v obrabotke metallov. [Leningrad] Leningrad, 1966. 152 p.
- KOLOSKOV, V. V. [Training of power-engineering workers, a principal component of the Lenin plan for the electrification of the country] Podgotovka inzhenerno-energeticheskikh kadrov - sostavnaia chast' leninskogo plana elektrifikatsii strany. Red. L. M. Bromberg. Moskva, Mosk. energ. in-t, 1966. 57 p.
- KONDRAT'EV, N. I. A., and V. A. ODINTSOV, eds. [Handbook on astronautics] Spravochnik po kosmonavtike. Moskva, Voenizdat, 1966. 325 p.
- KOSTRIUKOV, V. A. [Examples of the calculation of heating and ventilation] Primery rascheta po otople-niiu i ventilatsii. 2. izd. Moskva, Stroizdat, Pt. 2. [Ventilation] Ventilatsiia, 1966. 187 p.
- KOVAL', I. A., and others. [Investigation and adjustment of diesel engines] Issledovanie i dovozka dizelei. Moskva, Mashinostroenie, 1966. 107 p.
- KOZUB, M. D. [Orenburg Grain Receiving Station] Orenburgskii khlebopriemnyi punkt. Moskva, Kolos, 1966. 53 p.
- KRASHENINNIKOV, M. N., and others. [Design of cement and asbestos cement plants] Proektirovanie tse-mentnykh i asbestotsementnykh zavodov. Pod red. A. F. Semendinaeva. Leningrad, Stroizdat, 1966. 349 p. fold. diagrs. (insert)
- KROT'KOV, I. N. [Precise measurements of electric capacitance and inductance; networks, methods and standards] Tochnye izmereniia elektricheskikh emkosti i induktivnosti; skhemy, metody, etalony. Moskva, Izd-vo Standartov, 1966. 271 p.
- KRUTENKOV, P. S., and A. I. KHOKHORIN. [Drainage structures in railroad stations] Vodootvodnye sooruzheniia na zheleznodorozhnykh stantsiiakh. Moskva, Transport, 1966. 243 p.
- KULIKOVSKII, L. F., and M. F. ZARIPOV. [Inductive displacement converters with distributed parameters] Induktivnye preobrazovateli peremeshchenii s raspro-delennymi parametrami. Moskva, Energiia, 1966. 111 p. (Biblioteka po avtomatike, no. 156)
- KUPCHINOV, I. I., and others. [Balancing of leveling, theodolite, traverse, and trigonometric networks using the "Ural" digital computer] Uravnoveshivanie nivelirovnykh, teodolitnykh, poligonometricheskikh i trigonometricheskikh setei na ETsVM "Ural." Pod obshchimi red. I. I. Kupchina. Moskva, Nedra, 1966. 188 p.
- KUROCHITSKII, CH. K., and M. K. MAGURSKII. [Modern equipment in starch and molasses production] Sovremennoe oborudovanie krakhmalo-patochnoi promyshlennosti. Moskva, Tsentr. in-l nauchno-tekhn. informatsii pishchevoi promyshli, 1965. 34 p.
- KUTSEVALOV, V. M. [Problems in the theory and design of asynchronous machines with solid rotors] Voprosy teorii i rascheta asinkhronnykh mashin s massivnymi rotorami. Moskva, Energiia, 1966. 301 p.
- KUZ'MENKO, L. A., and L. N. SERGEEV. [Automation of production processes in meat combines] Avtomatizatsiia proizvodstvennykh protsessov na miasokombinatakh. Moskva, TsINTPisheprom, 1965. 107 p.
- KUZNETSOV, A. A., S. M. KAGERMANOV, and E. N. SUDAKOV. [Calculating processes and apparatus of the petroleum refining industry] Raschety protsessov i apparatov neftepererabatyvushchei promyshlennosti. Moskva, Khimiia, 1966. 335 p.
- KUZNETSOV, I. V., ed. [People of Russian science; essays on outstanding workers in natural science and technology; Technology] Ludi russkoi nauki; ocherki o vydashchikhsia delatelakh estestvoznaniia i tekhniki. Tekhnika. Moskva, Nauka, 1965. 782 p. (CS) (WU)
- KUZNETSOV, T. F., and others. [Assembly and testing of T10 locomotives] Sbornik i ispytanie teplovoza TE10. Moskva, Mashinostroenie, 1966. 266 p.
- KUZNETSOV, V. I. [Materials used in machinery manufacture and the technology of their treatment] Mashinostroitel'nye materialy i tekhnologiia ikh obrabotki. Moskva, Prosveshchenie, 1965. 203 p.
- LARIONOV, A. K. [Study of loose sedimentary rocks for purposes of engineering geology; soil structure] Inzhenerno-geologicheskoe izucheniie struktury rykhlykh osadochnykh porod; struktura grunta. Moskva, Nedra, 1966. 327 p.
- LARIONOV, V. P. [Protecting apartment houses and industrial structures from lightning] Zashchita zhilykh domov i proizvodstvennykh sooruzhenii ot molni. Izd. 2. Moskva, Energiia, 1966. 53 p. (Biblioteka elektromontera, no. 191)
- LAZEBNIKOV, M. G., and I. U. BAKUREVICH. [Operation of motor vehicles under bad road conditions] Ekspluatatsiia avtomobilov v tiazhelykh dorozhnykh ustovlakh. Moskva, Transport, 1966. 109 p.
- LEBEDEV, A. N. [Computing machines] Schetno-reshatelnye ustroystva. 2., ispr. i dop. izd. Moskva, Mashinostroenie, 1966. 424 p.
- LEBEDINSKII, M. A. [Electric vacuum materials; metals and alloys] Elektrovakuumnye materialy; metally i splavy. Izd. 2., perer. Pod red. N. I. Prokhorova. Moskva, Energiia, 1966. 230 p.
- LENINGRAD, VSESOIUZNYI NAUCHNO-ISLEDOVATELSKII INSTITUT NEFTEKHIMICHESKIKH PROTSES-SOV. [Chemistry and technology of fuel and the products of its processing] Khimiia i tekhnologiia topliva i produktov ego pererabotki. Moskva, Khimiia, 1965. 161 p.
- LEVITAN, I. I., V. G. SHUL'GIN, and M. Z. VAINSHTEIN. [Black chromizing] Chernoe khromirovaniie. Leningrad, 1965. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Zashchitnye i dekorativnye pokrytiia)
- LIASS, A. M. [Quick-setting molding mixtures] Dystro-verdeushchie formovochnye smesi. Moskva, Mashinostroenie, 1965. 331 p.

- LEMONOV, S.P.** [Stock scaffolding of three-dimensional elements for masonry and block work on industrial and public buildings; practices of Trust No. 94 of the Main Upper Volga Construction Administration in the City of Vladimir] Inventarnye lesa iz ob'emykh elementov dlia kamennoi i blochnoi kladdi promyshlennykh i obshchestvennykh zdaniy; opyt tresta No. 94 Glavverkhnevolzhskstroia, g. Vladimir. Moskva, Stroizdat, 1955. 19 p.
- [MICROFILM]
- LITVAK, V.I.** [Photoelectric transducers in check, regulation, and control systems] Fotoelektricheskie datchiki v sistemakh kontrolya, upravleniya i regulirovaniya. Moskva, Nauka, 1966. 409 p.
- LIUDMIRSKAYA, I.B.** [Design of cam mechanisms] Proektirovaniye kulachkovykh mekhanizmov. Red. N.A. Kovalev. Moskva, Mosk. energ. in-t, 1966. 41 p.
- LOGVINENKO, S.V.** [Equipment and techniques of oil well cementing] Tekhnika i tekhnologiya ismertirovaniya skvazhin. Moskva, Nedra, 1955. 206 p.
- LOKSHIN, M.V., and P.M. SVI.** [Measurement of dielectric losses in high-voltage insulation] Izmerenie dielektricheskikh poter' vysokovol'tnoi izolatsii. Moskva, Energiya, 1966. 140 p.
- LOMAKIN, A.A.** [Centrifugal and axial-flow pumps] Tsentrobazhnnye i osyevye nasosy. Izd. 2., perer. i dop. Moskva, Mashinostroenie, 1966. 383 p.
- LOSKUTOV, V.A.** [Mechanization of the adjustment of dies in sheet-metal work] Mekhanizatsiya ustanovki shlampov v listostampovom proizvodstve. Moskva, Mashinostroenie, 1966. 95 p.
- LOVACHEV, L.N., I.P. SALUN, and M.S. KASTORNYKH.** [Manual for laboratory and practical work in food analysis] Rukovodstvo k laboratornykh i prakticheskim zaniatiyam po issledovaniyu pishchevyykh produktov. Moskva, Ekonomika, 1965. 181 p.
- LUKOSVICIUS, KESTUTIS.** [Motorcycle and motor scooter repairs] Motocikli ir motoroleriu remontas. Vilnius, Mintis, 1965. 163 p. [in Lithuanian]
- LUR'E, I.U., and A.I. RYBNIKOVA.** [Chemical analysis of industrial waste waters] Khimicheskii analiz proizvodstvennykh stochnykh vod. Izd. 3., perer. i dop. Moskva, Khimiya, 1966. 277 p.
- MAISHEV, V.V.** [IPP-1 transistor testing device] Ispytatel' poluprovodnikovyykh priborov (IPP-1). Moskva, Energiya, 1965. 39 p. (Massovaya radiobiblioteka, no. 563)
- MAKHACH-KALA, DAGESTANSKII GOSUDARSTVENNYI UNIVERSITET.** [Collection of scientific papers on engineering and construction] Sbornik nauchnykh soobshcheniy po tekhnike i stroitel'stvu. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965. 106 p.
- MAKOVSKAYA, E.Z.** [Bicycles and motorcycles] Velosipedy i mototsikly. Moskva, Ekonomika, 1966. 108 p.
- MALAKHOV, I.K.** [Design, construction, and use of log frame saws] Raschet, konstruirovaniye, proizvodstvo i ekspluatatsiya lesopil'nykh ram. Moskva, Lesnaya promyshlennost', 1965. 437 p.
- MALINOV, L.M.** [Structural elements of the present and the future] Stroitel'nye konstruktivnye nastolashchego i budushchego. Moskva, Stroizdat, 1965. 99 p. (Nauchno-popul'narnaya seriya)
- MAL'TSEV, M.V., A.I. BAIKOV, and V.IA. SOLOV'EV.** [Technology of the production of aluminum and its alloys] Tekhnologiya proizvodstva ioblia i ego splavov. [Moskva] Metallurgiya, 1966. 291 p.
- MANTROV, M.I.** [Calculation of discharge potentials of high-voltage insulators; abstract of a course in "Calculation and design of electrical insulation"] Raschet raznykh napriazheniy vysokovol'tnykh izolatorov; konsept po kursu "Raschet i konstruirovaniye elektricheskoi izolatsii." Red. V.N. Borodulin. Moskva, Mosk. energ. in-t, 1966. 99 p.
- [MANUAL FOR PLANNING AND ANALYZING THE WORK OF COMMUNAL ENTERPRISES] Posobie po planirovaniyu i analizu raboty kommunal'nykh predpriyatii. [By] A.I. Falberg i dr. Moskva, Stroizdat, 1966. 201 p.
- MARAKHOV, V.G., and V.F. FINOGENOV.** [Science serves production] Nauka - proizvodstvu. [Leningrad] Lentzdat, 1966. 73 p.
- MARINOV, A.M.** [Ural power system] Ural'skaya energosistema. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1958. 64 p.
- MARTYNOV, A.M.** [Electric motors and miniature electrical machines] Elektrodvigateli i mikromashiny. Tula, Prikskoe knizhnoe izd-vo, 1965. 76 p. (V pomoshch' moledomu rabochemu)
- MELADZE, A.Z.** [Machining spiral grooves of cylindrical cams on lathes] Obrabotka spirallykh pазov tsilindricheskikh kulachkov metodami tocheniya. Tbilisi, TSodna, 1964. 75 p.
- MELKOZEROV, P.S.** [Drives in automatic control systems; power calculations and selection of parameters] Privody v sistemakh avtomaticheskogo upravleniya; energeticheskiy raschet i vybor parametrov. Moskva, Energiya, 1966. 383 p.
- MEL'NIKOV, I.U.N.** [The interference-killing feature, reliability, and cybernetics; trustworthiness of the transmission and reprocessing of information in cybernetic systems] Pomekhoustoychivost', nadezhnost' i kibernetika; dostovernost' peredachi i pererabotki informatsii v kiberneticheskikh sistemakh. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauka, tekhnika. XIV Seriya: Radioelektronika i svyaz', no. 2)
- MERMAN, I.A.** [Construction of single-pole 35-330 kv. power transmission line towers] Ustanovka odno-stochnykh opor 35-330 kv. Moskva, Energiya, 1960. 70 p. (Biblioteka elektromontera, no. 163)
- MIAGKOV, V.D.** [Allowances and fits; handbook] Dopuski i posadki; spravochnik. Izd. 4., perer. i dop. Moskva, Mashinostroenie, 1966. 771 p.
- MIKHAILOV, A.N., and A.M. VORONTSOV.** [Technique and technology of veneering plates] Tekhnika i tekhnologiya fanerovaniya plastel. Moskva, TSentr. nauchnoissl.-in-t informatsii i tekhniko-ekon. issledovaniy po lesnoi, tselulozno-bumazhnoi, derevobrabatval'shchei promyshl. i lesnoi khoz., 1965. 65 p. (Derevobrabotka)
- MISHCHENKO, I.T., and N.KH. SHAMMASOV.** [Electric centrifugal pumps in Bashkir fields] Pogruzhiye tsentrobazhnnye elektronnosy na promyshl. Bashkirii. Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 72 p.
- MON'YAKOV, N.V.** [Reliability of automatic control devices considering their structure] O nadezhnosti ustroystv avtomatiki s uchetom ikh struktury. Leningrad, 1965. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Pribory i elementy avtomatiki)
- MOSCOW, ENERGETICHESKII INSTITUT.** [Manual on practical training in an electric-power plant school] Posobie po proizvodstvennomu obucheniyu na uchebnoi elektricheskoi stantsii. Izd. 2., perer. Pod obshehit red. L.N. Bapildanova. Moskva, 1966. 99 p.
- MOSCOW, INSTITUT GORNOGO DELA IMENI A.A. SKOCHINSKOGO.** [Gas content in coal mines of the U.S.S.R.] Gazosobnost' kamennougol'nykh shakht SSSR. Moskva, Nauka.
- Vol. 6. [Gas content in coal and complex metal mines of the North-Caucasus region] Gazosobnost' kamennougol'nykh shakht i pol'metallicheskiikh rudnikov Severnogo Kavkaza. 1966. 269 p.
- MOSCOW, TSENTRAL'NOE BIURO PROMYSHEL'NYKH NORMATIVOV PO TRUDU.** [Branch time norms for the repair of apparatus with mixers in chemical plants] Otrasl'nyye normy vremeni na remont apparatov s meshalkami dlia predpriyatii khimicheskoi promyshlennosti. 2. izd. Moskva, 1965. 31 p.
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII I PROEKTNO-EKSPERIMENTAL'NYI INSTITUT INDUSTRIAL'NYKH ZHILYKH I MASSOVYKH KUL'TURNO-BYTOVYKH ZDANII.** [Performance of elements in apartment houses made of large components] Rabota konstruktivnykh zhidlykh zdaniy iz krupnozrazmernykh elementov; Sbornik statel. Pod red. G.A. Shapiro. Moskva, Stroizdat.
- No. 2. [1965] 367 p.
- MOSCOW, VSESOUZNAIA PATENTNO-TEKHICHESKAYA BIBLIOTEKA.** [Collections of patent literature of the All-Union Patent and Engineering Library; a reference guide] Fondy patentnoi literatury Vsesouznnoi patentno-tekhnicheskoi biblioteki; spravka. Izd. 1. Moskva, TSNIPI, 1965. 155 p.
- MOSCOW, VSESOUZNAIA VYSTAVKA TVORCHESTVA RADIOIUBITELEI-KONSTRUKTOROV.** 21st, 1965. [Concise catalog of exhibits of the 21st All-Union Exhibition of the Creative Achievements of Radio Amateurs and Designers of the All-Union Volunteer Society for Assistance to the Army, Navy, and Air Force] Kratkii katalog ekspozitsii XXI Vsesouznnoi vystavki tvorchestva radioiubitelei-konstruktorov DSSAAF SSSR. Moskva, TSentr. radioklub SSSR, 1965. 45 p.
- MOSKOVSKII AVTOMOBIL'NYI ZAVOD.** [ZIL-130 motortruck and its modifications; instructions for operation] Avtomobil' ZIL-130 i ego modifikatsii; instruktsiya po ekspluatatsii. Izd. 3., ispr. i dop. Moskva, Mashinostroenie, 1966. 274 p.
- MOVCHAN, F.F.** [Equipment of a study room for operators of tower cranes] Oborudovaniye uchebnogo kabineta dlia mashinistov bашennykh kranov. Moskva, Vysshaya shkola, 1966. 46 p.
- MURASHKEVICH, A.M., and others comps.** [English-Russian guided missiles and space flight dictionary. More than 50,000 terms] Anglo-russkii raketno-kosmicheskii slovar'. Dtoee 50 tysyach terminov. Moskva, Voenizdat, 1966. 920 p.
- MURASHOV, A.M.** [Forming units of machine-tool attachments] Agregirovaniye stanochnykh prisooblenii. Pod red. V.V. Kuz'mina. Moskva, Izd-vo Standartov, 1966. 183 p.
- NAUCHNO-ISSLEDOVATELSKII INSTITUT INFORMATSII PO STROITEL'NOMU, DOROZHNIOMU I KOMMUNAL'NOMU MASHINOSTROENIU.** [Excavating machinery for irrigation construction; a catalog and handbook] Zemlerobnye mashiny dlia irrigatsionnogo stroitel'stva; [katalog-spravochnik] Moskva, 1966. 121 p. (Seriya i: Stroitel'nye i dorozhnye mashiny)
- NECHAEV, G.A.** [Waterproof powders in power systems construction] Gidrofobnye poroshki v energostroitel'stve. Moskva, Energiya, 1965. 33 p.
- NECHAEV, M.A.** [Safety measures in the operation and maintenance of gas equipment and appliances in industrial enterprises] Tekhnika bezopasnosti v gazovom khoziaistve promyshlennykh predpriyatii. Leningrad, Nedra, 1965. 175 p. (Biblioteka masters gazovogo khoziaistva)
- NEGNEVITSKII, I.V.** [Electromagnetic field theory; an abstract of lectures] Teoriya elektronmagitnogo polya; konsept lektsii. [2. izd.] Red. B.A. Zhukovskii. Moskva, energ. in-t, 1966. 139 p.
- NEGREEV, V.F., and others.** [Study of the inhibitors of the corrosion of aluminum alloys in alkali media] Izuchenie inhibitrov korrozii aluminiovyykh splavov v shchelozhnykh sredakh. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 84 p.
- NEKHENDZI, I.U.A.** [Production, composition, and consumption of castings in the U.S.S.R. and in foreign countries] O proizvodstve, strukture i potreblenii lit'ia v SSSR i za rubezhom. Leningrad, 1966. 48 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Progressivnoe formobrazovaniye)
- NEUGODOV, E.V.** [Practical work on the electrical equipment of restaurant enterprises] Praktikum po elektricheskomo oborudovaniyu predpriyatii obshchestvennogo pitaniya. Moskva, Mosk. in-t narodnogo khoz., 1966. 177 p.
- NIKOLAEV, S.F.** [Wonderland] Oblast' chudes. [Perm'] Permskoe knizhnoe izd-vo, 1965. 93 p.
- NIKOLENKO, L.N.** [Laboratory work on intermediate products and dyes] Laboratornyi praktikum po promezhutochnym produktam i krasitel'am. Izd. 2., ispr. Moskva, Vysshaya shkola, 1965. 342 p.
- NIKOL'SKII, V.V.** [Antennas] Antenny. Moskva, Svyaz', 1966. 368 p.
- NOVOSIBIRSK, INSTITUT INZHENEROV ZHELEZNO-DOROZHNOGO TRANSPORTA.** [Calculating cross-ties with varying widths of the underside; methods handbook for calculation with auxiliary tables] Raschet shpal s peremennoi shirinoy podoshvy; metodicheskoe posobie po raschetu so vspomogatel'nyimi tablitsami. Novosibirsk, 1965. 49 p.
- NOVOZHILOV, M.G.** [Open-cut mining operations; technology and the overall mechanization of the open-cut mining of coal, ores, and nonmetallic minerals] Otkrytye gornye raboty; tekhnologiya i kompleksnaya mekhanizatsiya otkrytoi dobychi uglya, rud i nerudnykh iskopayemykh. Izd. 2., perer. Moskva, Nedra, 1965. 552 p.

- NOVOZHILOV, M. G., and others. [Tight-face blasting in open pit mines] Vzryvanye v zazhaloi srede na kar'erakh. Kiev, Naukova dumka, 1966. 169 p.
- OBRAZTSOV, I. F. [Variational methods for calculating t.-in-walled three-dimensional aircraft structures] Variatsionnye metody rascheta tonkostennyykh aviatsionnykh prostranstvennykh konstruktov. Moskva, Mashinostroenie, 1966. 391 p.
- ODUKHOV, V. I. [Bridge circuits in automatic control systems] Mostovye skhemyy v sistemakh avtomatiki. Minsk, Nauka i tekhnika, 1966. 113 p.
- OKHRIMENKO, V. A., and A. I. KUPRIN. [Underground hydraulic mining of coal] Podzemnaya gidrodobycha uglia. Moskva, Nedra, 1966. 324 p.
- OSTANOVSKII, T. S. [Phonograph records, assortment and quality indices] Grammofofonnye plastinki, assortiment i pokazately kachestva; uchebnoe posobie. Moskva, Mosk. in-t nar.khoz., 1965. 22 p.
- OSTROVSKII, V. S., V. A. STEPANOV, and S. M. BABU-SENKO. [Repair of motor-vehicle and tractor trailers and bodies] Remont avtotraktornykh pritsopov i kuzovov. Moskva, Kolos, 1965. 108 p. (Biblioteka rabochego-remontnika)
- OUR MACHINES ARE RELIABLE IN OPERATION; practices in improving the reliability of machinery at the machinery plants in the Donets Basin] Nashi mashiny nadezhny v rabote; iz opyta povysheniya nadezhnosti mashin na mashinostroitel'nykh zavodakh Donbassa. Donetsk, Donbass, 1965. 62 p.
- OVCHARENKO, F. D., and others. [Palygorskite in drilling] Palygorskii v burenii. Kiev, Tekhnika, 1966. 158 p.
- PAL'MIN, V. V. [Changes in the oxidation-reduction properties of meat during irradiation with Co^{60}] Izmeneniya oksidno-vosstanovitel'nykh svoystv miasa pri obлучenii Co^{60} . Moskva, Atomizdat, 1965. 16 p.
- PANIN, I. M. [Technology of mining solid minerals; synopsis of lectures] Tekhnologiya dobychi tverdykh poloznykh iskopayemykh; konspekt lektsii. Moskva, Univ. družby narodov, Pt. 2. [Technology of the underground mining of ores and nonmetallic minerals] Tekhnologiya podzemnoi dobychi rud i nerudnykh iskopayemykh. 1965. 306 p.
- PARNOV, E. I., and R. B. ORSHANSKII. [Story of peat] Rasskaz o torfe. Moskva, Kolos, 1966. 253 p.
- PAVLOV, V. F., and N. M. NIKIFOROVA. [Thermal engineering and thermal power equipment for factories in the building materials and elements industry] Teplo-tekhnika i teploekhnicheskoe oborudovanie zavodov promyshlennosti stroitel'nykh materialov i izdelii. Moskva, Vysshaya shkola, 1965. 571 p.
- PAVLOV, V. V. [Transistor amplifiers of small d.c. signals for industrial automatic control systems] Poluprovodnikovyye usiliteli malyykh signalov postoiannogo toka dlia sistem promyshlennoi avtomatiki. Moskva, Energiya, 1966. 126 p. (Biblioteka po avtomatike, no. 152)
- PECHENKIN, V. E. [Electric power supply of lumbering camps using a one-wire and ground system] Elektrosnabzhenie lesozagotovok po odnoprovodnoi sisteme OPZ. Moskva, Lesnaya promyshlennost', 1965. 81 p.
- PERCHIKOVSKAYA, A. A. [Methods of paper strengthening; review of the Soviet and foreign literature] Sposoby uprochneniya bumagi; obzor otechestvennoi i inostrannoi literatury. Moskva, VNIPI, 1965. 57 p.
- PETROV, V. N., and P. A. IJZHALIN. [Improved arc welding equipment and apparatus] Usovshenshiyovaniye oborudovaniya i apparatury dlia dugovoi svarki. Leningrad, 1966. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnye formobrazovaniye)
- PETROV, V. P., and P. P. IUREVICH. [Fiction or reality? Fantastika ili real'nost']. Leningrad Lenizdat, 1965. 227 p. (Nauka i kommunizm)
- PLATISOVNIKOV, A. I., and R. I. MUNKE. [Equipment for the electric-spark cutting of heat-resistant and titanium alloy parts] Oborudovanie i prispособleniya dlia elektroiskrovoy razrezki detalей iz zharnoprochnykh i titanovykh splavov. Leningrad, 1966. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnye metody obrabotki materialov)
- PILTAKIAN, A. M. [Economic popular television receiver] Ekonomichnyi tsebet'skii televizor. Moskva, Energiya, 1966. 55 p. (Massovaya radio-biblioteka, no. 593)
- PLESHKO, M., and P. KRAVTSOV, comps. [800 days... pages from the history of the construction of the Moldavian State Regional Electric Power Plant] 800 dnei... stranitsy iz istorii stroitel'stva Moldavskoi GRES. Kishinev, Kartia moldovenaske, 1966. 143 p.
- PODNOS, G. E. [Using universal pressure-cast molds and introducing the group method for the manufacture of the group method for the manufacture of plastic parts on the basis of their technological classification] Primeneniye universal'nykh pressform i vvedeniye gruppovogo metoda izgotovleniya na osnove tekhnologicheskoi klassifikatsii detalей iz plastmass. Leningrad, 1965. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Sinteticheskie materialy i oblasti ikh primeneniya)
- POKROVSKII, N. K. [Handbook for operators of refrigerating units] Rukovodstvo dlia mashinistov khododil'nykh ustanovok. 3. izd. Moskva, Pishchevala promyshlennost', 1965. 345 p.
- POLAK, A. F. [Hardening of monomineral binding materials; problems of theory] Tverdeniye monomineral'nykh vlyazhushchikh veshchestv; voprosy teorii. Pod red. V. B. Ratnina. Moskva, Stroizdat, 1966. 207 p.
- POLIAKOVA, L. N. [Synthesis of input and output circuits of wideband amplifiers] Sintez vkhodnykh i vykhodnykh tsapai sbirokopolosnykh usilitelē. Moskva, Sviaz', 1966. 62 p. (Novos v tekhnike svyazi)
- POLIZK, P. V., and A. R. NIKONOV. [Automation of the production of plastic parts] Avtomatizatsiya proizvodstva plastmassovykh detalей. Minsk, Belarus', 1966. 162 p.
- POPCHENKO, S. N. [Cold asphalt waterproofing] Khlodnaya asfal'tovaya gidrozolatsiya. 2. izd., perer. i dop. Leningrad, Stroizdat, 1966. 301 p.
- POTAPOV, V. N., and I. S. KHUKHRA. [Flying radio-controlled airplane models] Pilotazhnye radio upravlyayemye modeli samoletov. Moskva, DCSAAF, 1965. 117 p.
- PRANGISHVILI, I. V., and others. [Contactless elements and remote control systems for the automation of mining enterprises] Beskontaktnyye elementy i sistemy telemekhaniki dlia avtomatizatsii predpriyatiy gornoi promyshlennosti. Moskva, Nedra, 1965. 203 p. diagrs. (insert)
- [PRINCIPLES OF RADIO ENGINEERING AND RADAR; display units, rectifiers, and semiconductor devices] Osnovy radioelektroniki i radiolokatsii; indikator, vypravlitel' i poluprovodnikovyye pribory. [By] V. Z. Slutskii i dr. 2. izd., perer. i dop. Moskva, Voenizdat, 1966. 420 p.
- [PROBLEMS OF DEEP DRILLING TECHNOLOGY] Voprosy tekhnologii provedki glubokikh skvazhin; sbornik statei. Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 98 p.
- PROVOROV, K. L. [Radiogeodesy] Radiogeodeziya. Moskva, Nedra, 1965. 278 p.
- PRUSENKO, V. S. [Pneumatic controllers] Pnevmaticheskie regulatory. 2., perer. i dop. izd. Moskva, Energiya, 1966. 278 p. (Biblioteka po avtomatike, no. 174)
- RABINOVICH, V. P. [Strength of turbine disks] Prochnost' turbinskiy diskov. Moskva, Mashinostroenie, 1966. 149 p.
- RADCHENKO, L. A., I. I. DVORKIN, and I. I. KOSHIN. [Ultrasonics in the manufacture of electronic and vacuum devices] Ul'trazvuk v proizvodstve elektronnykh priborov. Leningrad, 1966. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Poredovot proizvodstvennyi opyt. Seriya: Elektrofizicheskie i elektroekhnicheskoe metody obrabotki metallov)
- [RADIOISOTOPIC DEVICES IN METALLURGY] Radioizotopnyye pribory v metallurgii. [By] V. N. Afanas'ev i dr. [Moskva] Metallurgiya, 1966. 224 p.
- RATNER, A. V., and V. G. ZELENKII. [Erosion of the materials used in thermal power engineering equipment] Eroziya materialov teploenergeticheskogo oborudovaniya. Moskva, Energiya, 1966. 270 p.
- RICHTER, MIROSLAV, and BERNARDA BARTÁKOVÁ. [Tropicalization of electrical equipment. Translated from the Czech] Tropikalizatsiya elektrorobudovaniya. Moskva, Gosenergoizdat, 1962. 399 p. maps (insert)
- [REPAIR OF TRACTORS, MOTOR VEHICLES AND AGRICULTURAL MACHINES] Remont traktorov, avtomobil' i sel'skokhoziaistvennykh mashin. [By] V. D. Chislakov i dr. Moskva, Kolos, 1966. 422 p. (Uchebniki i uchebnye posobia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
- RESPUBLIKANSKAYA KONFERENTSIYA PO ISPOL'ZOVANIU I OKHRANE VODNYKH RESURSOV ESTONSKOI SSR. 2d. Tallin, 1964. [Reports of the Second Republic Conference on the Utilization and Conservation of Water Resources of the Estonian S.S.R.] Doklady. Tallin, Tallinskii politsekm. in-t, 1965. 122 p.
- RIABINOV, M. G., and L. M. IL'IN. [Establishing norms for railroad track maintenance and its technology] Normirovaniye putevykh rabot i ikh tekhnologiya. 2 izd., perer. i dop. Moskva, Transport, 1966. 234 p.
- RIABOV, I. V., ed. [Fire hazards of substances and materials; a handbook] Pozharnaya opasnost' veshchestv i materialov; spravochnik. Moskva, Stroizdat, 1966. 242 p.
- RIEKSTINS, JANIS, and JULIJS JAKOBSONS. [Primary processing of fruits and berries] Augli un ogu pirmapstrade. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1964. 91 p. [In Latvian]
- RISHE, R. P. [Characteristics of the planning of mechanized and automated foundries] Osobennosti proektirovaniya mekhanizirovannykh i avtomatizirovannykh litnykh tsakhov. Leningrad, 1966. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnye formobrazovaniye)
- ROGINSKII, V. I. [Mikhail Aleksandrovich Douch-Bruvich. Moskva, Nauka, 1966. 154 p. (Nauchnobiograficheskaya seriya)]
- ROMANOV, I. I. [Aid for workers in scientific and technical information services] V pomoshch' rabotnikam sluzhby nauchno-tekhnicheskoi informatsii. Minsk, Belarus', 1966. 97 p.
- ROZANOV, M. N. [Stability of electrical systems; lectures] Ustoychivost' elektricheskikh sistem; lektsii. Moskva, Vses. nauchnyi energ. in-t. No. 1. 1963. 100 p.
- ROZOV, M. A. [Manual for the calculations of technological equipment for the woodworking industry] Rukovodstvo po raschetu tekhnologicheskogo oborudovaniya derevoobrabatyvayushchey promyshlennosti. Moskva, Lesnaya promyshlennost', 1966. 83 p.
- RUBINSHTEIN, M. Z., and V. G. KRYTOV. [Methods of determining the dimensions and the technical and economic indices of foundations] Metody upredeleniya razmerov i tekhniko-ekonomicheskikh pokazatelei fundamentov. Moskva, Glav. upr. po stroit. proektirovaniyu predpriyatiy, zdaniy i sooruzheniy, 1966. 60 p.
- RUMIANTSEV, I. S. [Mixed automotive and water transportation of vegetables] Smeshannyye avtomobil'no-vodnyye perevozki ovoshchei. Moskva, Transport, 1966. 35 p.
- RUSSIA (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. Tekhnicheskoe upravleniye. [Specifications for the major overhauling of the ZIL-130 motortruck] Tekhnicheskoe ustoyevniye kapital'nyi remont avtomobilya ZIL-130. Moskva, Transport, 1966. 517 p.
- RUSSIA (1923- U.S.S.R.) Glavnoe upravleniye po stroitel'nomu mekhanizirovannomu instrumentu i otdeloch'nym mashinam. [Hand tools for general construction work; a reference catalog] Ruchnoi instrument dlia proizvodstva obshchestvennykh rabot; katalog-spravochnik. Moskva, NIInstroldorkommash, 1966. 270 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Stroizdat. Pt. 2. Sec. G. Ch. 9. [Boiler systems; design specifications] Kotel'nye ustanovki; normy proektirovaniya (SNIP II-G-9-05). 1965. 19 p. Pt. 2. Sec. L. Ch. 14. [Laundries; specifications for designs] Prachelnye; normy proektirovaniya (SNIP II-L-14-82). 1963. 12 p.

- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for designing general sewers for underground systems in settlements] Ukazaniia po proektirovaniu obshchikh kollektorov dlia podzemnykh setei naselennykh mest (SN 329-65). Moskva, Stroiizdat, 1966. 32 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for the effective use of low-alloy steel in metal construction elements] Ukazaniia po effektivnomu primeneniiu nizkolegirovannoi stali v stroitel'nykh metallokonstruktsiakh (SN 316-65) Moskva, Stroiizdat, 1965. 10 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions on using hot-rolled class A-II rod reinforcement made of grades St.5ps and KSt.5ps semikilled steel in reinforced-concrete elements] Kazaniia po primeneniiu v zhelezobetonnykh konstruktsiakh gorachekatomoi sverzhnevoi armatury klassa A-II iz poluspokoitnoi stali marok St.5ps i KSt.5ps (SN 327-65). Moskva, Stroiizdat, 1966. 7 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform norms and estimates for construction, assembly, and construction repair operations] Edinye normy i vnesenii na stroitel'nye, montazhnye i remontno-stroitel'nye raboty. Moskva, Stroiizdat.
- Sbornik 2. [Earthwork] Zemlianye raboty. No. 3. [Boring and blasting operations] Burovzryvnye raboty. 1965. 95 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Checking measures and mechanical devices for measuring lengths and angles; a collection of instructions] Poverka mer i mekhanicheskikh priborov dlia izmereniia dlin i uglov; sbornik instruktsii. Izd. ofitsial'noe. Moskva, Standartgiz, 1965. 741 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [General purpose pipe equipment; cork, straight, collar, connecting, flanged, and cast-iron spigots for nominal pressure of 10 kg/cm²] Armatura truboprovodnata obshchego naznacheniia; krany probkovye prokhodnye sal'nikovyie muktovyie i flantsyevye chugunnye na P u 10 kgs/sin². Izd. ofitsial'noe. (GOST 2422-65, GOST 2423-65, GOST 11438-65, GOST 11439-65, GOST 11440-65). Moskva, Izd-vo Standartov, 1955. 27 p. (SSSR. Gosudarstvennye standarty)
- RUSSIA (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the installation and safe operation of pressure vessels; mandatory for all ministries and administrations] Pravila ustroistva i bezopasnoi eksploatatsii sudosudov, rabotaiushchikh pod davleniem; obiazatel'ny dlia vsoikh ministerstv i vedomstv. Izd. 6. Moskva, Nedra, 1966. 110 p.
- RUSSIA (1923- S.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Fish and fishery products; auxiliary materials] Ryba i ryboprodukty; vspomogatel'nye materialy. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1966. 352 p. (SSSR. Gosudarstvennye standarty)
- RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Steel cables] Kanaly stal'nye. Izd. ofitsial'noe. Moskva, 1956. 186 p. (SSSR. Gosudarstvennye standarty)
- RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Thrust spring rings and grooves for them] Kol'sa pruzhinye upornye i kanavki dlia nih. (GOST 9301-59). Izd. ofitsial'noe. Moskva [Standartgiz] 1960. 24 p. (SSSR. Gosudarstvennye standarty)
- RUSSIA (1923- U.S.S.R.) Ministerstvo legkoi promyshlennosti. Tsentral'nyi institut nauchno-tekhnicheskoi informatsii. [The new Soviet Jacquard loom Zh2-13] Novaya otechestvennaia zhakardovaia mashina Zh2-13. Moskva, TsINTI, 1965. 32 p.
- RUSSIA (1923- U.S.S.R.) Ministerstvo promyshlennosti stroitel'nykh materialov. [Instructions in the technology of preparing and in the acceptance of reinforced concrete pressure pipes] Instruktsiia po tekhnologii izgotovleniia i priemke zhelezobetonnykh napornykh gidropressovannykh trub (SN 324-65). Moskva, Stroiizdat, 1966. 44 p.
- RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. Tsentral'nai nauchno-tekhnicheskai biblioteka. [Diesel-electric propulsion in the U.S.S.R. and abroad; a bibliographical index of Soviet literature for 1958-1964] Teplovoznaia tuga v SSSR i za rubezhom; bibliograficheski ukazatel' otechestvennoi literatury, 1958-1964 g. Moskva, Transport, 1965. 160 p.
- RUSSIA (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniam. [Mechanical drawing; methods instructions and tests for students of evening and correspondence institutions of higher technical education specializing in all technological subjects with the exception of building and architecture] Tekhnicheskoe cherenie; metodicheskie ukazaniia i kontrolye zadaniia dlia studentov vseh tekhnicheskikh spetsial'nostei vechernikh i zaocnykh vysshikh tekhnicheskikh uchebnykh zavedenii, krome stroitel'nykh i arkhitektury. Izd. 11. Moskva, Vysshiaia shkola, 1965. 75 p. diagr.
- RUSSIA (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniam. [Program of a course in "Construction and operation of electric power distribution systems in cities" for institutions of higher learning in major 0303--Electric power supply of industrial enterprises] Programma kursa "Soozheniia i eksploatatsiia sistem elektro-svazheniia v gorodakh" dlia vysshikh uchebnykh zavedenii po spetsial'nosti 0303 - Elektrosnabzhenie promyshlennykh predpriatii i gorodov. Moskva, "Vysshiaia shkola," 1966. 7 p.
- RUSSIA (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniam. [Program of a course in "Pulse devices" for institutions of higher learning in major 0701 -Radio engineering] Programma kursa "Impul'snye ustroistva" dlia vysshikh uchebnykh zavedenii po spetsial'nosti 0701 - Radiotekhnika. Moskva, Vysshiaia shkola, 1966. 11 p.
- RUSSIA (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniam. [Program of a course in "Radio engineering systems for data transmission" for institutions of higher learning in major 0701 - Radio engineering] Programma kursa "Radiotekhnicheskie sistemy peredachi informatsii" dlia vysshikh uchebnykh zavedenii po spetsial'nosti 0701 - Radiotekhnika. Moskva, Vysshiaia shkola, 1966. 6 p.
- RUSSIA (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniam. [Technology of metals and other building materials; program, methodological instructions, and test assignments for mechanics specialty students attending higher correspondence schools, faculties and departments] Tekhnologiya metallov i drugih konstruktsionnykh materialov; programma, metodicheskie ukazaniia i kontrolye zadaniia dlia studentov mekhanicheskikh spetsial'nostei zaocnykh vysshikh uchebnykh zavedenii, fakul'tetov i otdelenii. [By V.T. Zhaban and B.G. Grinberg] Moskva, Vysshiaia shkola, 1965. 113 p.
- SADIROVA, G.V., and N.K. MAN'KOVSKAYA. [Production of petroleum-based growth promoting substances] Proizvodstvo neflianogo rostovogo veshchestva. Kiev, Tekhnika, 1966. 123 p.
- SARKHOSHITAN, G.N. [Welding in repairing cabins and bodies of motor vehicles] Svarka pri remonte kabin i kuzovov avtomobilov. Moskva, Transport, 1966. 37 p.
- SAVKOV, E.I. [Mechanical properties of wood] Mekhanicheskie svoistva drevessiny. Moskva, Lesnaia promyshlennost', 1965. 60 p.
- SELECTION OF FERROUS METALS. Rolled and gauged steel] Sortiment chernykh metallov. Prokat i kalibrovannai stal'. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 458 p. (SSSR. Gosudarstvennye standarty)
- SEMINAR RABOTNIKOV NAUCHNO-TEKHNIChESKOI INFORMATSII I PROPAGANDY, Moscow, 1960. [Problems of the organization and methodology of scientific and technical information and propaganda; according to materials of the Seminar of Workers of Scientific and Technical Information and Propaganda] Voprosy organizatsii i metodiki nauchno-tekhnicheskoi informatsii i propagandy; po materialam. Moskva, Gos. nauchno-tekhn. komitet, 1960. 433 p. (NNC)
- SEREBRENNIKOV, V.V., and V.V. BYKOV. [Handbook for the operator of pumping and compressor units] Spravochnik mashinista nasosnykh i kompressornykh ustanovok. Kiev, Tekhnika, 1966. 251 p.
- SERGEEV, M.A. [Handbook for the machinist] Spravochnik elesaria. Izd. 2., ispr. i dop. Pod obshch. red. V.A. Blumberga. [Leningrad] Lentizdat, 1965. 400 p.
- SEVAST'YANOV, M.I. [Repair and operation of process piping in the chemical, petroleum, and gas industries] Remont i eksploatatsiia tekhnologicheskikh truboprovodov v khimicheskoi, neflianoi i gazovoi promyshlennosti. Moskva, Khimika, 1966. 243 p.
- SHEBEKO, L.P. [Laboratory research on the quality control of welded joints] Laboratornye raboty po kontroliu kachestva svarynykh soedinenii. Moskva, Mashinostroenie, 1966. 92 p.
- SHELEST, P.A. [Compressed gas producers] Generatory szhatykh gazov. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no. 8)
- SHEKOV, A.K., ed. [Manual for coke chemists in six volumes] Spravochnik koksokhimika v shesti tomkh. Moskva, Metallurgiya.
- Vol. 4. [Designing, constructing, and putting coke chemical plants into operation] Proektirovaniie, sooruzheniie i pusk koksokhimicheskikh predpriatii. 1966. 391 p.
- SHEPELEV, V.N. [Thermal rail welding] Termičnaia svarka rel'sov. Moskva, Transport, 1966. 55 p.
- SHEVCHENKO, G.D. [Welding, soldering, and the thermal cutting of metals] Svarka, palka i termičeskai rezka metallov. Moskva, Vysshiaia shkola, 1966. 190 p.
- SHIMAKOV, A.T. [Operating a fork lift truck] Rabota na avtopogruzhchike. Moskva, Stroiizdat, 1966. 191 p. (Seriya posobi po povysheniiu masterstva stroitelei)
- SHIPINOV, V.A. [Cast wire] Litaiia provoloka. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no. 9)
- SHULEPOV, S.V. [Carbon atom and artificial graphite] Atom ugleroda i iskusstvennyi grafit. [Chelabinsk] Iuzhno-Ural'skoe knizhnoe izd-vo, 1965. 114 p.
- SKOSYREV, V.P. [Safety manual for workers engaged in the preparation of tiles] Pamiatka po tekhnike bezopasnosti dlia rabuchikh, zaniatnykh izgotovleniem cherepitsy. Moskva, Stroiizdat, 1966. 26 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)
- SMIRNOV, A.S. [Methods for introducing State Standard 10356-63v in design specifications] Metodika vvedeniia GOSTa 10356-63 v konstruktorskuiu dokumentatsiiu. Leningrad, 1966. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheski opyt. Seriya: Uvelicheniie kachestva, povyshenie udezhnosti i dolgovechnosti mashin, priborov i drugih promyshlennykh izdelii)
- SMULLIN, LOUIS D., and HERMANN A. HAUS, eds. [Noise in electronic devices. Translated from the English] Shumy v elektronnykh priborakh. Moskva, Energiia, 1964. 483 p. (CSinorr)
- SMUROV, V.S., and B.S. ARANOVICH. [Production of carbon disulfide] Proizvodstvo serougleroda. Pod red. R.M. Levita. Moskva, Khimika, 1966. 270 p.
- SNYTKIN, V.V. [Handbook on the adjustment and operation of the automatic equipment of gas-fired heating boilers] Rukovodstvo po naladke i eksploatatsii avtomatiki gazifitrovannykh otopitel'nykh kotlov'nykh. Leningrad, Nedra, 1965. 175 p. (Biblioteka mastera gazovogo khoziaistva)
- SOKOLOV, D.V. [Safety manual for electricians installing secondary circuits] Pamiatka po tekhnike bezopasnosti dlia elektromontera po vtorichnym teplem. Izd. 2., ispr. Moskva, Stroiizdat, 1966. 23 p. (Tekhnika bezopasnosti v stroitel'stve)
- SOKOLOV, T.D. [Wood processing at consumers' goods workshops of forest working circles] Pererabotka drevessiny v tsikhakh shtrobova loskhovov. Moskva, Lesnaia promyshlennost', 1964. 98 p. (Biblioteka tesnika i mastera lesa, no. 16)
- SOKOLOVSKII, A.A. [Technology of mineral fertilizers] Tekhnologiya mineral'nykh udobrenii. Moskva, Khimika, 1966. 304 p.
- SOKOLOVSKII, V.A. [Technological schemes for the production of precast reinforced concrete; present status of and prospects for development] Tekhnologicheskie skhemy proizvodstva sbornogo zhelezobetona; sostoianie i perspektivy razvitiia. Kiev, Budivel'nyk, 1966. 60 p.
- SOLOV'EV, A.I. [Design of the mechanisms of measuring, computing and automatic devices] Raschet mekhanizmov izmeritel'nykh, vychislitel'nykh i avtomaticheskikh ustroistv. Moskva, Energiia, 1966. 287 p.

- SOLTAMOV, B.-S.D. [Electrical equipment of enterprises of the woodpulp and paper and wood chemicals industry] Elektrooborudovanie predpriyatii tselul'no-bumazhnoi i tekhnicheskoi promyshlennosti. 2. izd. Moskva, Lesnaya promyshlennost', 1966. 252 p.
- SOVESHCANIE PO VOPROSAM AVTOMATICHESKOGO VVODA PIS'MENNYKH ZNAKOV V ELEKTRONNYE VYCHISLITEL'NYE MASHINY. Vilnius, 1965. [Automation of the input of written signs in electronic computers; transactions of a scientific and technological conference] Avtomatizatsiya vvoda pis'mennykh znakov v elektronnyye vychislitel'nye mashiny; doklady nauchno-tekhnicheskogo soveshchaniya. Vilnius, Respubl. in-t nauchno-tekhn. informatsii i propagandy Litovskoi SSR, 1965. 271 p.
- STAROZHITSKII, P.IA. [Prestressed glass-reinforced plastics] Predvaritel'no napriazhennyye stekloplastiki. Leningrad, 1965. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Stroitel'nye materialy i konstruktsii)
- STESHENKO, N.N. [Handbook for tank farm electricians] Spravochnik elektrika neftebaz. Moskva, Nedra, 1965. 311 p.
- STOKOLOV, V.E., G.S. USYSHKIN, and V.P. MEKHA-NIK. [Electrical equipment of forging and pressing machines; a handbook] Elektrooborudovanie kuznetchno-presovnykh mashin; spravochnik. Moskva, Mashinostroenie, 1966. 335 p.
- STRAKHOVICH, K.I., ed. [Expansion machines] Rasshiritel'nye mashiny. [By] K.I. Strakhovich i dr. Moskva, Mashinostroenie, 1966. 295 p.
- STRAZDAS, KAZYS. [Glass industry of Lithuania] Lietuvos stiklo pramonė. Vilnius, Lietuvos TSR Ministrų Tarybos Valstybinio statybos reikalų komiteto techninės informacijos ir propagandos biuras, 1964. 49 p. [In Lithuanian]
- STROGANOV, A.I., M.I. KOLOSOV, and I.A. LUBENETS. [Increasing the output of steel-smelting units] Uvelichenie proizvoditel'nosti staloplavil'nykh agregatov. [Chelabinskii] Iuzhno-Ural'skoe knizhnoe izd-vo, 1965. 91 p.
- SUCHKOV, A.E. [Substitutes for metals in the machinery industry] Zameniteli metallu v mashinostroenii. Minsk, Belarus', 1965. 45 p.
- SUDNISHNIKOV, B.V., and N.N. ESIN. [Elements of the dynamics of percussive action machines] Elementy dinamiki mashin udarnogo deystviya. Pod red. N.A. Chmakova. Novosibirsk, Red.-izd. otdel Sibirskogo otd.-niia AN SSSR, 1965. 84 p.
- SULAKSHIN, S.S. [Regularities of deflection and the directed drilling of geological exploration boreholes] Zakonomernosti iskrivleniya i napravlennoe burenie geologorazvedochnykh skvazhin. Moskva, Nedra, 1966. 292 p.
- SUSHKO, A.G. [Patent information and its utilization] Patentnaya informatsiya i ee ispol'zovanie. Leningrad, 1966. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Peredovoi opyt organizatsii nauchno-tekhnicheskoi propagandy i informatsii)
- SUSHKOV, I.U.N. [Alarm signal did not sound; how to increase the reliability of machines and instruments] Signal trevogi ne razdalsya; kak povysit' nadezhnost' mashin i priborov. Moskva, Voenizdat, 1965. 106 p. (Nauchno-popul'narnaya biblioteka)
- TARNOVSKII, I.IA., A.N. LEVANOVA, and M.I. POKSE-VATKIN. [Contact stresses in plastic deformation] Kontaktnyye napriazheniya pri plasticheskoi deformatsii. [Moskva] Metallurgiya, 1966. 279 p.
- TARTAKOVSKII, G.A. [Some causes of the failure of underground pipelines] Nekotorye prichiny razrusheniya podzemnykh truboprovodov. Moskva, Nedra, 1966. 46 p.
- TATEVOSTAN, G.O. [Operator of an automatic plastics molding machine] Litatselikh plastmass na avtomato. Moskva, Vysshaya shkola, 1966. 105 p.
- TATUR, G.K. [Course in the strength of materials] Kurs soprotivleniya materialov. Minsk, Vysshaya shkola. Pl.3. 1966. 190 p.
- TAVKHELIDZE, D.S., and S.M. RAZDOL'SKII. [Correction of masses of links performing a plane oscillating motion] Korrektirovaniye mass zven'ov, sovershayushchikh ploskoe kachatel'noe dvizhenie. Tbilisi, Sakhelashvili Sakartvelo, 1964. 15 p.
- TOVDIN, I.M., and E.E. FAINBERG. [Technological design and planning of oils and fats processing enterprises; oil splitting and production of glycerin, Glycerin distillation. Distillation and rectification of fatty acids. Production of household and toilet soap. Production of synthetic washing powders. Production of margarine, culinary and confectionery oils and fats] Tekhnologicheskoe proektirovaniye zhiropererabatyvayushchikh predpriyatii; rasshchepeniye zhиров i poichonnye gitsierina. Distillatsiya gitsierina. Distillatsiya i rektifikatsiya zhirnykh kislot. Proizvodstvo khozjaistvennogo i toaletnogo myla. Proizvodstvo sinteticheskikh moishchikh poroshkov. Proizvodstvo margarina, kulnarnykh i konditerskikh zhиров. Pod red. A.L. Markmana. Moskva, Pishchevaia promyshlennost', 1965. 515 p.
- TSAGARELI, Z.V. [Developing new lightened structural forms for retaining walls and their adoption] Razrabotka novykh oblegchennykh konstruktivnykh form podpornykh sten i ikh vnedreniye. Tbilisi, Gruzinskii politekhn. in-t im. V.I. Lenina, 1964. 133 p.
- TSEITLIN, N.M. [Use of radioastronomy methods in antenna technology] Primeneniye metodov radioastronomii v antennoi tekhnike. Moskva, Sovetskoe radio, 1966. 212 p.
- TSOI, SAMEN, and S.M. TSKHAI. [Electronic computer techniques in the mine ventilation service] Elektronno-vychislitel'naya tekhnika v ventilatsionnoi sluzhbe shakht. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 232 p.
- TUDOROVSKII, G.I. [Eliminating defects in railroad motor cars and hand cars] Ustraneniye nepspravnostei na avtomobilyakh i drezynakh. Moskva, Transport, 1966. 61 p.
- TULA, GOSUDARSTVENNYI POLITEKHNIЧЕСКИЙ ИНСТИТУТ: [Reinforced concrete elements] Zhutezobetonnyye konstruktii. Tula, 1965. 330 p.
- TURICHIN, A.M. [Electric measurements of nonelectrical quantities] Elektricheskie izmereniya neelektricheskikh velichin. Izd.4., znovoperep. [By] B.E. Arshanskii i dr. Pod obshchey red. P.V. Novitskogo. Moskva, Energiya, 1966. 689 p.
- TURKENICH, D.I. [Automatic control of the smelting process in oxygen-blown converters] Avtomatizatsiya protsessov plavki v kislorodnom konvertere. [Moskva] Metallurgiya, 1966. 134 p.
- TUROVSKII, I.S. [Use of drum vacuum filters for the dewatering of sewage water residues] Obezvazhivaniye osadkov stochnykh vod na baranamykh vakuum-filtrakh. Moskva, Stroiizdat, 1966. 178 p.
- UKRAINE. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. [Mining of mineral deposits] Razrabotka mestorozhdenii poleznykh iskopaemykh. Kiev, (Mezhvedomstvennyi i respublikanskiy nauchno-tekhnicheskii sbornik) No. 3. [Mine surveying] Marksheiderskoe delo. 1965. 145 p. No. 4. [Mine ventilation and safety measures] Rudnikhnaya ventilatsiya i tekhnika bezopasnosti. 1966. 180 p. No. 5. [Overall mechanization equipment] Oborudovanie kompleksnoi mekhanizatsii. 1965. 197 p.
- URAL'SKII NAUCHNO-ISLEDOVATEL'SKII I PROEKT-NOY INSTITUT STROITEL'NYKH MATERIALOV. [Building materials and products from metallurgical slag; theoretical and experimental studies] Stroitel'nye materialy i izdeliya iz metallurgicheskikh shlakov; teoreticheskio i eksperimental'nye issledovaniya. Pod obshchey red. A.A. Marchenko. Nauchn. red. L.A. Vladimirova. Moskva, Stroiizdat, 1965. 295 p.
- URIN, IA.M. [Self-loaders with remote control for logging trucks] Samopogruzhchiki s distantsionnym upravleniem dlia lesovoznykh avtomobiley. Moskva, Lesnaya promyshlennost', 1966. 155 p.
- URIN, IA.M., V.M. CHERNIAVSKII, and V.I. REZNIK. [The L59 double-flow remotely controlled windlass] Dvukhpotochnaya lebedka L59 s distantsionnym upravleniem. Moskva, Lesnaya promyshlennost', 1965. 103 p.
- URUPOV, A.K. [Studying velocities in seismic prospecting] Izuchenie skorostei v seismorazvedke. Moskva, Nedra, 1966. 223 p.
- [USE OF ELECTRIC POWER IN AGRICULTURE] Primeneniye elektricheskoi energii v sel'skom khoziaistvo. [By] S.A. Kovchin i dr. Leningrad, Kolos, 1966. 327 p. (Uchebnykh i uchebnykh posobiya dlia sel'skikhhoziaistvennykh tekhnikumov)
- VANBOIM, D.I. [Automatic arc spot welding] Avtomaticheskaya dugovaya tochechnaya svarka. Moskva, Mashinostroenie, 1966. 199 p.
- VAKSMAN, A.V. [Hobbing cutters with allowance for shaving; methods for standardization] Frezy chervachnye pod shaver; metodika normalizatsii. Moskva, Izd-vo Standartov, 1965. 57 p.
- VANIN, I.U.P., and A.F. IAROVOL. [With young hands] Rukami molodykh. Petrozavodsk, Kareli'skoi knizhnoe izd-vo, 1965. 104 p. (CS-II)
- VARIAKOIS, PETRAS. [Principles of geodesy] Geodezijos pagrindai. Vilnius, Mintis, 1966. 319 p. [In Lithuanian]
- VASERNIS, A.I., G.V. IEBEDINSKII, and S.E. LIBTSIS. [Self-propelled chassis and their operation] Samokhodnyye shassi i rabota na nikh. Moskva, Vysshaya shkola, 1929 p.
- VASHCHEV, N.V. [Effect of moisture in the air and in wood on the strength of glued joints] Vlianiye vlazhnosti vozdukh i drevessiny na prochnost' kleevykh soedinenii. Moskva, Lesnaya promyshlennost', 1966. 86 p.
- VASIL'EV, A.I., and A.S. ANISIMOV. [Optimal processes in micromotor drives] Optimal'nye protsessy v mikroelektroprivodakh. Moskva, Energiya, 1966. 142 p. (Biblioteka po avtomatike, no. 166)
- VASIL'EV, I.P. [Painting of cars and locomotives] Okraska vagonov i locomotivov. Moskva, Transport, 1966. 313 p.
- VASIL'EV, N.V. [Principles of planning and calculating transportation systems and storage areas in ore dressing plants] Osnovy proektirovaniya i raschety transportnykh ustroystv i skladov obogatitel'nykh fabrik. Moskva, Nedra, 1965. 278 p.
- VELIKIN, IA.I., Z.IA. GEL'MONT, and E.V. ZELIAKH. [Piezoelectric filters] Piezoelektricheskie fil'try. Moskva, Svyaz', 1966. 395 p.
- VENCHKOVSKI, L.B. [Interference in remote control channels] Pomekhi v kanalakh telemekhaniki. Moskva, Energiya, 1966. 94 p. (Biblioteka po avtomatike, no. 170)
- VERLINSKII, S.SH., and L.N. KIRNOS. [Motion picture projectors for panoramic theaters] Kinoproektory panoramnykh kinoteatrov. Moskva, Iskusstvo, 1966. 235 p. (Biblioteka kinomekhanika)
- VESHKEL'SKII, S.A., and M.N. SVETLICHNYI. [Assembly, operation and repair of internal combustion engines] Montazh, eksploatatsiya i remont dvigatel'ei vnutrennego sgoraniya. Moskva, Mashinostroenie, 1966. 274 p.
- VIKTOROV, A.M. [Determining the reaction capacity of rock filler for concrete; manual for improving the qualifications of workers engaged in hydraulic engineering construction] Opredeleniye reaktivnoi sposobnosti gornykh porod-zapolnitel' dlia betona; posobiya dlia povysheniya kvalifikatsii rabotnikov gidrotekhnicheskogo stroitel'stva. Moskva, Energiya, 1966. 71 p.
- VINARSKII, V.L. [Polymer varnish and paint anticorrosive coatings for structural elements; practices of the "Ukrmonlazkhkhimzashchita" Trust] Polimernye lakokrasochnye antikorrozionnye pokrytiya stroitel'nykh konstruktii; opyt trestsa "Ukrmonlazkhkhimzashchita." Moskva, Stroiizdat, 1965. 13 p. (MICROFILM)
- VNUKOV, A.K. [Reliability and economic efficiency of gas and black-oil fired boilers] Nadezhnost' i ekonomichnost' kotlov dlia gaza i mazuta. Moskva, Energiya, 1966. 367 p.
- VORTMAN, Z.M. [Practices in rotary percussion drilling for water] Praktika udarno-kannatnogo burenia na vodu. Moskva, Nedra, 1966. 238 p.
- VOSTROKNUTOV, E.G., B.Z. KAMENSKII, and K.I.E. MALKINA. [Reconditioning rubber tires] Vostanovitel'nyi remont shin. Moskva, Khimika, 1966. 291 p.

VSESOIUZNAIA KONFERENTSIYA PO AVTOMATICHESKOI OBRABOTKE NAUCHNOI INFORMATSII, 2d. 1963. [Reading devices; reports] Chitaishchite ustroystva; doklady. Moskva, In-t nauchn. informatsii, 1965. 202 p.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZAVODSKOI TEKHNOLOGII SBOBYKH ZHELEZOBETONNYKH KONSTRUKTSII I IZDELII. [Handbook on the production of precast reinforced-concrete elements] Spravochnik po proizvodstvu sbornykh zhelezobetonnykh izdelii. Pod red. B. G. Skramtaeva i P. K. Batat'eva. Moskva, Stroiizdat. Vois. 1-2. 1965. 2 v.

VYSOITSKII, M. Z. [Large motion-picture screens and stereophony] Bol'shie kinoekrany i stereofoniya. Moskva, Iskusstvo, 1966. 282 p.

[WOOL SPINNING EQUIPMENT] Sherstspriadil'noe oborudovanie. [By] N. A. Afrikanov i dr. Moskva, Legkaya industriya, 1966. 650 p.

ZABRODSKII, A. G. [Producing fodder yeast from molasses stop] Proizvodstvo kormovykh drozhdzhei iz melassnoi bardy. Moskva, Pishchevaia promyshlennost', 1966. 171 p.

ZAPLAVSKII, G. A., and V. A. LESNYKH. [Mining operations, conducting and supporting mine workings] Gornye raboty, provedeniye i krepiteleniye gornykh vyrabotok. Moskva, Nedra, 1966. 383 p.

ZELICHENKO, A. S., and B. I. SMIRNOV. [Construction, operation, and repair of overhead power-transmission lines] Ustroystvo, ekspluatatsiya i remont vozdukhnykh liniy elektropredachi. Moskva, Vysshaya shkola, 1966. 255 p.

ZEL'TSER, I. A. L., and E. G. KRUGLOVA. [Industrial practices of gliding parts in stationary and bell baths] Proizvodstvennyi opyt zolozheniya detalей v statsionarnykh i kolokol'nykh vannakh. Leningrad, 1966. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Uluosheniye kachestva, povysheniye nadezhnosti i dolgovechnosti mashin, priborov i drugikh promyshlennykh izdelii)

ZHIGUN, V. P. [Aid for the assembler of large-panel buildings; a manual for improving the skill of workers in housing construction combines] V pomoshch' montazhniku krupnopanel'nykh zdaniy; posobie po povysheniyu masterstva rabochikh DSK. Leningrad, Stroiizdat, 1966. 110 p.

ZISMAN, N. A., A. A. KLIOTS, and A. A. SHMIDEL'. [V-3-3 apparatus for multiplexing overhead communication lines; information manual] Apparatura uplotneniya vozdukhnykh liniy V-3-3; informatsionnyi sbornik. Moskva, Svyaz', 1966. 124 p. (Tekhnika svyazi)

17. MILITARY & NAVAL SCIENCES

AKADEMIYA NAUK URSR, Kiev, Institut hidromekhaniky. [Problems and methods in the hydrodynamics of hydrofoils and propellers] Zadachi i metody gidrodinamiki podvodnykh kryl'ev i vintov. [By] A. I. Lukhimenko i dr. Kiev, Naukova dumka, 1966. 158 p.

BABIN, A. I., D. F. KAZAKOV, and A. A. LOBACHEV. [Born with the October Revolution; a brief outline history of the Supreme Soviet of the R.S.F.S.R., All-Arms Command High School awarded with the Order of Lenin and the Red Banner] Rozhdeniye Oktiabria; kratkii ocherk istorii Moskovskogo vysshogo obshchevoenskogo komandnogo ordena Lenina Krasnoznamenennogo uchilishcha imeni Verkhovnogo Soveta RSFSR. Moskva, Voenizdat, 1966. 366 p.

BORISEVICH, K. K. [Leningrad sea port] Leningradskii morskoi port. [Leningrad] Lenizdat, 1966. 62 p. (Turistu o Leningrade)

BRANSHTEN, V. V., and L. M. VIDUTSKII. [Fitter of the auxiliary mechanisms of marine engines] Slesar'-montazhnik vspomogatel'nogo oborudovaniya sudovykh dvigatelei. Leningrad, Sudostroenie, 1966. 119 p. (Biblioteka rabochego-sudostrotel'ia)

BRUSEL'NITSKII, I. U. M. [Ship devices for the removal of petroleum products from bilge and ballast waters] Sudovye ustroystva ochestki trumno-ballastnykh vod ot nefleproduktov. [Leningrad] Sudostroenie, 1966. 201 p.

BUKHANOVSKII, I. L. [Nautical dead reckoning] Schisleniye puti sudna. Izd. 4., perer. Moskva, Transport, 1966. 79 p. (Biblioteka sudovoditelia morskogo flota)

GETSOV, I. E. [Design of ship repairing and building enterprises; a school manual] Proektirovaniye sudostroyeniya i sudostroyitel'nykh predpriyatiy; uchebnyi spravochnik. Moskva, Transport, 1966. 231 p.

GOL'TRAF, I. S. [Air cooling in marine diesels] Okhlazhdeniye vozdukh v sudovykh dizelech. Leningrad, Sudostroenie, 1966. 198 p.

GRIMAK, L. P. [Psychological training of the parachutist] Psikhologicheskaya podgotovka parashutists. Pod red. A. E. Mazina. Moskva, DOSAAF, 1966. 126 p.

HOWARTH, DAVID ARMINE. [Dawn of D-day. Translated from the English] Utro v Normandii. Moskva, Voennoe izd-vo, 1965. 178 p. (MID)

KOMISSAROVA, A. S., comp. [A common hero; stories about army sportsmen] Obshchennyi gerol; rasskazy ob armenskikh sportsmenakh. Moskva, Voenizdat, 1966. 317 p.

LATINSKII, S. M. [Deviation of ship radar stations] Deviatitsiya sudovykh radiolokatsionnykh stantsii. Leningrad, Sudostroenie, 1966. 158 p.

LENINGRAD, GOSUDARSTVENNYI PROEKTNYI INSTITUT RYBOPROMYSLOVOGO FLOTA. [Operation and repair of the NVD-48, NVD-36 and NVD-24 engines; handbook] Ekspluatatsiya i remont dvigatelei tipa NVD-48, NVD-36 i NVD-24; posobie. Moskva, Pishchevaia promyshlennost', 1965. 367 p.

LUTSKOV, V. N. [For the sergeant on the training of subordinates] Serzhantu o vospitaniy podchinnennykh. Izd. 2., dop. i perer. Moskva, Voenizdat, 1966. 255 p.

MARININ, V. [The atom propels ships] Atomi dvizhet korabli. Moskva, Atomizdat, 1966. 86 p. (Nauchno-popularnaya biblioteka Atomizdata)

MOSKALEV, A. D. [The radiological situation and troop operations] Radiatsionnaya obstanovka i deistviya voisk. Moskva, Voenizdat, 1966. 103 p.

PETROV, I. U. P. [Optimal regulation of marine engines; theoretical principles] Optimal'nye regulatory sudovykh silovykh ustanovok; teoreticheskie osnovy. Leningrad, Sudostroenie, 1966. 119 p.

RABINOVICH, M. M., and D. I. RUL'KOV. [Navigation and meteorology] Navigatsiya i meteorologiya. Moskva, Transport, 1966. 170 p.

RUBINSKII, G. M. [Under the flag of the motherland; notes of a midshipman] Pod flagom Rodiny; zapiski michtmana. Moskva, Voennoe izd-vo, 1964. 277 p. (WU)

RUSSIA (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Safety and industrial hygiene requirements in the loading and unloading of dangerous cargoes (excluding explosives and poisonous materials) in ports and landing places of the Ministry of the River Fleet. Supplement to the "Safety and industrial hygiene regulations for loading and unloading operations in ports and landing places of the Ministry of the River Fleet" in effect by order No. 115 of July 18, 1961 of the Ministry of the River Fleet] Trebovaniya tekhniki bezopasnosti i proizvodstvennoi sanitarii na pogruzochno-razgruzochnykh rabotakh s opasnymi gruzami (krome gruzov VV i OV) v portakh i na pristanakh rechnogo flota. Dopolneniye k "Pravilam tekhniki bezopasnosti i proizvodstvennoi sanitarii na pogruzochno-razgruzochnykh rabotakh v portakh i na pristanakh Ministerstva rechnogo flota," vvedennym v deistviye prikazom MRF No. 115 ot 18 iul'ia 1961 g. Moskva, Transport, 1966. 90 p.

RUSSIA (1917- R.S.F.S.R.) Rechnoi registr. [Instruction for the technical control of the building and major overhauling of ships sailing inland waterways. In effect by order No. 123 of the Ministry of River Transportation of September 4, 1965] Instruktсия po tekhnicheskomu nabludeniyu za postroikoi i kapital'nym remontom sudov vnutrennego plavaniya. Vvedena v deistviye prikazom MRF No. 123 ot 4 sentyabrya 1965 g. Moskva, Transport, 1966. 195 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo rechnogo flota. Tekhnicheskoe upravleniye. Tsentral'noe proektirovannoe konstruktorskoe biuro. Oblasnyy otel obshchego opytom i tekhnicheskoi informatsii. [Reference catalog of equipment and devices for the mechanization of loading and unloading operations in ports and landing places] Katalog-spravochnik oborudovaniya i prispособlenii dlia mekhanizatsii pogruzochno-razgruzochnykh rabot v portakh i na pristanakh. Moskva, Transport, 1965. 137 p.

RUSSIA (1923- U.S.S.R.) Registr Soluza SSR. [Rules of the classification and building of seagoing vessels] Pravila klassifikatsii i postroiki morskikh sudov. Moskva, Transport. Pt. 3. [Ship installations and equipment] Sudovye ustroystva i oborudovanie. Sec. 7. [Emergency equipment] Avarlinoe snabzheniye. 1965. 59 p.

SADOMTSEV, P. F. [Work practices of the collectives and shock workers of communist labor on river vessels and in river ports] Opyt kollektivov i udarnikov kommunisticheskogo truda rechnykh sudov i portov. Moskva, Transport, 1965. 77 p.

SALUTSKII, A. S. [If the war begins tomorrow...] Esli zavtra v pokhod... [Moskva] Molodaya gvardiya, 1966. 78 p. (Biblioteka komсомольskogo aktivista)

SOLODOVNIKOV, G. S. [Electric safety during work on ships and under water] Elektrobezopasnost' pri rabote na sudakh i pod vodoi. Leningrad, Sudostroenie, 1966.

VOITETSKII, V. V., and E. D. GABER. [Fundamentals of the automation and control of marine power plants] Osnovy avtomatizatsii i regulirovaniya sudovykh silovykh ustanovok. Leningrad, Sudostroenie, 1966. 198 p.

ZVIAGIN, A. D., V. V. SHABAROV. [Testing the strength and vibration of hydrofoil boats] Ispytaniya prochnosti i vibratsii sudov na podvodnykh kryl'akh. Leningrad, Sudostroenie, 1965. 211 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. *Izvestiya. Seriya obshchestvennykh nauk* [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Social Sciences]. Baku, no. 6, 1965.

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Guseinov, R. M. - Direction of effective specialization and distribution of the textile industry in the Transcaucasian Economic Region. p. 54.
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AKADEMIYA NAUK KAZAKHISKOI SSR, Alma-Ata. *Izvestiya. Seriya obshchestvennykh nauk* [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in the Social Sciences]. Alma-Ata, vol. 4, no. 2, Mar.-Apr. 1966.

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- The 23d Congress of the CPSU and social sciences. p. 3.
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AKADEMIYA NAUK KAZAKHISKOI SSR, Alma-Ata. *Vestnik* [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal]. Alma-Ata, vol. 22, no. 4(252), Apr. 1966.

Table of contents translated:

- Historical event in the life of the party and the country. p. 3.

Reznakov, A. D. - Technical progress in the national economy of Kazakhstan and tasks in the field of science. p. 8.

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AKADEMIYA NAUK SSSR, Sibirskoe otdeleniye. *Izvestiya* [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Bulletin]. Novosibirsk, no. 5, 1964. *Seriya obshchestvennykh nauk* [Series in the Social Sciences], no. 2.

Table of contents translated:

- Economic necessity for accelerated technological progress in the industry of Siberia. p. 3.
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AKADEMIYA NAUK TADZHIKSKOI SSR, Dushanbe. *Doklady* [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Reports]. Dushanbe, vol. 9, no. 4, 1966.

Table of contents translated:

- Borzyko, V. I. - Positive periodic solutions to differential equations with delayed argument. p. 3.
Kaziev, A. - Polyharmonic operator in a space of generalized functions. p. 6.
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AKADEMIYA NAUK TURKMENSKOI SSR, Ashkhabad. *Izvestiya. Seriya obshchestvennykh nauk* [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Social Sciences]. Ashkhabad, no. 2, 1966.

Table of contents translated:

- Kuliev, K. - Soviet Union as a faithful friend and reliable support of the oppressed nations in their struggle against colonialism and imperialism. p. 3.
Kiselev, D. S. - The role and prospects of the national Soviet state in the process of the building of communism. p. 10.
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BIULLETEN' MEZHODUNARODNYKH NAUCHNYKH S'VEZDOV, KONFERENTSIY I KONGRESSOV [BIULLETTIN OF INTERNATIONAL SCIENTIFIC MEETINGS, CONFERENCES, AND CONGRESSES]. Issued by Otdel mezhodunarodnykh svyazей i informatsii Vsesoyuznogo instituta nauchnoi i tekhnicheskoi informatsii Akademii nauk SSSR [Department of International Relations and Information of the All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2(63), 1966.

EESTI NSV TEADUSTE AKADEEMIA, Toimetised, Füüsikalise-matemaatiliste ja tehniliste teaduste seeria. *Izvestiya Akademii nauk Estonskoi SSR. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk* [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin. Series in the Physical, Mathematical, and Technical Sciences]. Tallinn, vol. 15, no. 1, 1966.

Table of contents translated:

- Kard, P. - Amplitude and phase achromatization of dielectric interference mirrors. p. 5.
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LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A. I. GERTSENA. Uchenye zapiski [J. I. GERTSENA STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 278, 1965. Problems of the history of the U.S.S.R. from the 16th through the 18th century.

- Table of contents translated:
- Skrynnikov, R.G. - Establishment of the "oprichnina" and the organization of its military units in 1565. p. 3.
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- No. 266, 1966. Problems of the sociopolitical life of Europe in modern and recent times.
- Table of contents translated:
- Levin, G.P. - From the history of the democratic movement during the years of the British bourgeois revolution in the 17th century. p. 8.
- Gutkina, I.G. - Conflicts among the European powers during the first years of the Greek National Liberation War, 1823-1826. p. 124.
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- Avdeev, V.A. - The role of the Union of Bulgarian-Soviet Societies in the strengthening of friendship and brotherhood among the peoples of the Soviet Union and the People's Republic of Bulgaria. p. 221.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY Review]. Vol. 21, no. 7, 1966. Seriya matematiki, mekhaniki i astronomii [Series in Mathematics, Mechanics, and Astronomy], no. 2.

- Table of contents translated:
- Aleksandrov, A.D. - Majorants of solutions to and uniqueness conditions for elliptic equations. p. 5.
- Dent'nikov, V.F. - Minimization of maximal deviation. p. 21.
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MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. No. 242, 1965. Dielektricheskaya separatsiya (verdykh) [Dielectric separation of solids], p. 3.

- Table of contents translated:
- Volkova, Z.V. - Probable separation indices of nonhomogeneous solids with components of different grindability. p. 3.
- Lavrova, I.V. - Separation of solids in a "pushing out" electric field. p. 9.
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- Raikhenberg, T.S. - Separating properties of the electric field of a separator funnel. p. 30.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademika nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 10, no. 5, 1966.

TOMSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 21, 1964. Sbornik statei biologo-khimicheskogo i fiziko-matematicheskogo fakul'tetov [Collection of articles of the Faculty of Biology and Chemistry and the Faculty of Physics and Mathematics], no. 2.

- Table of contents translated:
- Blinkov, G.N., Romanova, L.P., Borovkova, A.F. - Peat and its utilization in the agriculture of Siberia. p. 3.
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- Siriak, A.I. - Evaluation of experimental mistakes in the study of the conductivity of dielectrics by the method of modeling. p. 197.

UKRAINS'KA VIIL'NA AKADEMIIA NAUK. Seriya: Litopys ukrainskoi svobodnoyi akademii nauk. Series: Chronicle. Winnipeg, no. 22, 1964; no. 9, 1965.

b. POPULAR MAGAZINES

BELARUS' [WHITE RUSSIA]. Organ of Saluz pl'smennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 23, no. 6(251), June 1966.

DIAROSKA [THE LITTLE BIRCH]. Issued by T'Sentral'nyi komitet Leningradskaia kommunisticheskoi saluzu mola-dzi Belarusi i Rospublikanski Savot planerskoi arganizatsyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 42, no. 5, May 1966.

DADZIS [THISTLE]. Riga, nos. 9(225)-10(226), 1966. [In Latvian]

EKRAN [SCREEN]. Ukrainian Magazine for Youth and Adults. Chicago, vol. 5, no. 21/22, May-Aug. 1965.

JAUNIMO GRETO [THE RANKS OF YOUTH]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas [Central Committee of the Lenin Communist Youth League of Lithuania]. Vilnius, nos. 4(257)-5(258), Apr.-May 1966. [In Lithuanian]

KAPKAN; chuvashskii sntvicheskii zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, no. 9(499), May 1966. [In Chuvash]

KHOPRUSITAK [HEDGEHOG]. Dushanbe, no. 8(150), Apr. 1966. [In Tajik]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Publishing House for Literature in Foreign Languages]. Peking, no. 5, 1966.

KOSTER [CAMPFIRE]. Issued by T'Sentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzu molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 5, May 1966.

KROKODIL [CROCODILE]. Issued by gazeta Newspaper "Pravda." Moscow, vol. 44, nos. 14(1808)-15(1809), May 1966.

KRYLATI [THE WINGED ONES]. Issued by T'Sentral'na uprava SUM [Central Committee of the Ukrainian Youth Association]. New York, vol. 3, no. 11, Nov. 1965.

KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soluz sovet'skikh obshchestv druzhby i kul'turnoi svyazi s zarubezhnymi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 10, no. 6, 1966.

LIESMA [FLAME]. Issued by Latvijas LKJS Centrālā komiteja [Central Committee of the Latvian Communist Youth League of Latvia]. Riga, no. 5(98), May 1966. [In Latvian]

MURZILKA. Issued by T'Sentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzu molodezhi i T'Sentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imia V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 5, May 1966.

- NIVA [FIELDS OF GRAIN]. Moscow, nos. 4-5, 1966.
- NOORUS [YOUTH]. Issued by Eesti- ja Leninliku Kommunistliku Noorsooühine Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, vol. 21, no. 5(235), May 1966. [In Estonian]
- NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Foreign-Language Publishing House]. Pyongyang, no. 6(219), 1966.
- OGONEK [LITTLE LIGHT]. Moscow, vol. 44, nos. 22 (2031)-25(2034), May-June 1966.
- OTCHIZNA; prilozhenie k zhurnalu "Golos Rodiny" (THE FATHERLAND; Supplement to the Periodical "The Voice of Our Country"). Issued by Sovetskii komitet po kul'turnym svyaziam s sootchestvennikami za rubezhom [Soviet Committee for Cultural Relations with Our Countrymen Abroad]. Berlin, no. 6(32), June 1966.
- PERETS [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 26, nos. 9(572)-12(575), May-June 1966.
- PILT JA SONA [PICTURE AND WORD]. Tallinn, vol. 21, no. 5(240), May 1966. [In Estonian]
- PIONEER [PIONEER]. Issued by ELKNU Keskkomitee and Eesti NSV Pioneerorganisatsioon Nõukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S. S. R.]. Tallinn, vol. 24, no. 5(283), May 1966. [In Estonian]
- PIONER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, no. 4, Apr. 1966. [In Turkmen]
- PIONER [PIONEER]. Issued by T'Sentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soiuza molodezhi i T'Sentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 43, no. 5, May 1966.
- POL'SHA [POLAND]. Warsaw, no. 6(142), 1966.
- RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 5, May 1966.
- RANOK [MORNING]. Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, vol. 14, no. 5(157), May 1966.
- RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., no. 147, June 1966.
- ROVESNIK [CONTEMPORARY]. Issued by TsK VLKSM and Komitet molodezhnykh organizatsii SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U. S. S. R.]. Moscow, vol. 4, no. 5(47), May 1966.
- SEL'SKAIA MOLODEZH' [RURAL YOUTH]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 5, May 1966.
- SHMEL' [BUMBLEBEE]. Alma-Ata, vol. 11, no. 5(124), May 1966. [In Kazakh]
- SKYTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 36, nos. 4-5, Apr.-May 1966. [In Moldavian]
- SLUOTA [THE BROOM]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 10(281), 1966. [In Lithuanian]
- SOGLASIE [CONCORD]. Los Angeles, Calif., vol. 15, no. 177, June 1966.
- SOVETSKII SOIUZ [SOVIET UNION]. Moscow, nos. 6 (196)-7(197), 1966.
- SOVREMENNIAIA MONGOLIIA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 10, nos. 1(96)-2(97), Jan.-Feb. 1966.
- UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 26, nos. 22(490)-24(492), May-June 1966.
- V'ETNAM [VIETNAM]. Hanoi, Vietnam, no. 2(102), 1966.
- VOZHATYI [PIONEER GUIDE]. Published by T'Sentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soiuza molodezhi i T'Sentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 42, no. 4, Apr. 1966.
- VOZHNYK [HEDGEHOG]. Minsk, vol. 26, nos. 8(530)-9(531), Apr.-May 1966.
- VSESVIT. THE WORLD. Issued by Spilka pys'mennykh Ukrainy i Ukrain's'ke tovarystvo druzhby i kul'turnoho zvyazku z zarubizhnyimi krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 9, no. 8(90), June 1966.
- VYZVOL'NYI SHLIKH [LIBERATION PATH]. London, vol. 13(19), nos. 5(218)-6(219), May-June 1966.
- ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo gluikh [All-Russian Society of the Deaf]. Moscow, vol. 19, no. 6, June 1966.
- ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of Vserossiiskoe obshchestvo slepykh [All-Russian Society of the Blind]. Moscow, vol. 43, no. 5, May 1966.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

- INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIIH SPISKOV I. KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U. S. S. R.]. Moscow, vol. 10, no. 9, May, 1966.
- KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoluznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 18, 22-23, 1966.
- Dopolnitel'nyi vypusk [Supplementary Issued]. No. 3, 1966.
- LATVIJAS PSR PRESES HRONIKA. LETOPIS' PECHATI LATVISKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S. S. R.]. Issued by Latvijas PSR gramatu palata [Book Chamber of the Latvian S. S. R.]. Riga, no. 2, Feb. 1966.
- LETOPIS DRUKU BSSR. LETOPIS' PECHATI BSSR [CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S. S. R.]. Issued by Dziazhnaia biblioteka BSSR and Knizhnaia palata BSSR [State Library of the Russian S. S. R. and the Book Chamber of the White Russian S. S. R.]. Minsk, no. 1, Jan. 1966.
- LETOPIS GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoluznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 4-6, 1966.
- LETOPIS RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoluznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 2, 1966.
- LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoluznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 18, 22, 1966.
- NAUJOS KNYGOS [NEW BOOKS]. Vilnius, no. 2(44), Mar.-Apr. 1966. [In Lithuanian]
- NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 3, 1966.

NOVAIA LITERATURA PO BOLGARII [NEW LITERATURE ON BULGARIA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, 1966.

NOVA LITERATURA PO CHEKHOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 4-5, 1966.

NOVAIA LITERATURA PO GERMANSKOI DEMOKRATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 4, 1966.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 3-4, 1966.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 3-4, 1966.

NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON RUMANIA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 4, 1966.

NOVAIA LITERATURA PO VENGHI [NEW LITERATURE ON HUNGARY]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 4, 1966.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM AZII I AFRIKI [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 4, 1966.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U. S. S. R.]. Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 3-4, 1966.

NOVI KNYHY URSR [NEW BOOKS OF THE UKRAINIAN S. S. R.]. Issued by Knizhnikova palata URSR [Book Chamber of the Ukrainian S. S. R.]. Kiev, nos. 8-11, Mar.-Apr. 1966.

NOVYE KNIGI; ezhenedel'nyi informatsionno-bibliograficheskii zhurnal [NEW BOOKS; Bibliographical Information Weekly]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po pachatii [State Committee of the Council of Ministers of the U. S. S. R. for Printing]. Moscow, vol. 11, no. 18 Apr. 1966.

NOVYE KNIGI SSSR [NEW BOOKS OF THE U. S. S. R.]. Issued by Vsesoluznoe obshchestvo "Mezhdunarodnaia kniga" [All-Union Association "International Book"]. Moscow, nos. 19-21, 23-25, May-June 1966.

NOVYE KNIGI ZA RUBEZHOM. Seriya V: Biologiya, medicina, sel'skoe khozjalstvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 10, no. 5, May 1966.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [NEW FOREIGN BOOKS ON SOCIAL SCIENCES: Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 6, May 1966.

SVODNYI BULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Seria B: Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U. S. S. R. Series B: Social Sciences]. Moscow, no. 6(84), 1966.

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pechati [State Committee of the Council of Ministers of the U. S. S. R. for Printing]. Moscow, vol. 6, no. 4, Apr. 1966.

Table of contents translated:
 Pirogov, V. - Sociology and life. p. 3.
 Kovnator, R. - Despite the barking of pistols. p. 4.
 You and the printed word. p. 6.
 Toropova, V. - "Whither the party orders me to go..." p. 6.
 Akhmedov, M. - The results of collectivization. p. 8.
 Rakita, N. - They fought for their country. p. 9.
 Nenashin, V. - War memoirs. p. 9.
 Petrov, I. - The heroes of legends. p. 10.
 Vladimirov, L. - Human thought is the principal hero of a book. p. 11.
 Scientific organization of labor. The books which will be published in 1966. p. 12.
 Kolpakov, A. - Bionics. p. 14.
 Shalimov, A. - An encounter with Plato. p. 16.
 Romanenko, D. - For you, O Russia! p. 17.
 Gatsenko, K., Panfilova, T. - Exerting an influence upon mind and feelings. p. 18.
 Levshina, O. - Soviet flag on Venus. p. 19.
 Malevannyi, V. - "An Index of discoveries." p. 20.
 Gubarev, V. - A tool of the mind. p. 21.
 Smirnov, G. - Engineers belong to a creative profession. p. 22.
 Vlasov, I. U. - "He took a seat, he thought for a while, and an invention was ready." p. 22.
 Sokolova, G. - From books to practice. p. 24.
 Manukian, S. - Akop Akopian; on the centenary of his birth. p. 25.
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 Volkov, S. - The literary works of fliers. p. 29.
 Polityko, G. - In full voice. p. 30.
 Zavall'niuk, Leonid - Checking the rate of germination. p. 30.
 Shchurov, I. - A lowborn poet. p. 30.
 Saenko, I. U. - Their second profession. p. 31.
 Valnshteyn, M. - "A moment," Robert Vinnonen's first book. p. 31.
 Setin, F. - We should live as Lenin did. p. 32.
 Rjabl'seva, G. - Let us show you the people of our generation. p. 33.
 Fedorov, V. - From every corner of Russia. p. 34.
 Lebedeva, T. - Brahms, Schubert, Ravel, Weber, and Grieg. p. 36.
 Rozanova, S. - Heritage of a great artist. p. 38.
 In'kova, L., Stel'makh, V. - The library is your friend. p. 39.
 Bronshteyn, M. - Give more attention to bibliographical supplements to books. p. 41.
 Vasil'ev, M., Leonidov, R. - They bring us happiness. p. 42.
 Cherniak, A. - The books which Aleksandr U'lianov read. p. 44.
 Lizogubova, I. - For those who study the Russian language. p. 46.

b. LIBRARIES & LIBRARY SCIENCE

AKADEMIA NAUK SSSR. Biblioteka. Nove inostrannye knigi; katalog novykh postuplenii... [ACADEMY OF SCIENCES OF THE U. S. S. R. Library. New Foreign Books; Catalog of New Accessions...]. Leningrad, no. 2(165), 1966.

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstva kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.]. Moscow, vol. 43, no. 5, May 1966.

Table of contents translated:
 Let us carry out the decisions of the party congress! p. 1.
 Levshina, O., Shishko, G. - In the service of the five-year plan. p. 4.
 Minaev, A. - Let us make wider use of unused potentialities. p. 9.
 Marsal'skaya, O. - Library workers keep their promises. p. 12.
 Maloletkova, I. - Individual approach to each group of readers. p. 13.
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 Kaplinskova, A. - Our readers are the workers of local enterprises. p. 18.
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 Pershina, R. - We remember their names. p. 21.
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 Tsipris, I. - We cooperate with historians. p. 28.
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 Kuzhe'kova, E., Rodnianskaya, A. - The work of her entire lifetime. p. 56.
 Letters to the editor. p. 57.

BIBLIOTEKI SSSR [LIBRARIES OF THE U. S. S. R.]. Issued by Gosudarstvennaya biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U. S. S. R.]. Moscow, no. 28, 1965. Work practices.

Table of contents translated:
 Toward new successes in the work of libraries. p. 3.
 Gubareva, M. N., Saf'chuk, V. V., Smirnova, D. A. - Prospective plan for the development of recommended bibliographies. p. 13.
 Rivlin, Z. I. - Some problems in the organization of a unified library system in large cities and in large industrial centers. p. 25.
 Pokalo, M. I. - Library service to the rural population of the White Russian S. S. R. p. 38.
 Abramov, K. I. - First government conference on problems of reorganizing libraries (July, 1918). p. 54.
 Medvedeva, N. B. - Some problems of guiding children in reading. p. 74.
 Khuzar, O. F. - Why do we study readers' interests? p. 90.
 Suklasian, E. R. - General and typical territorial divisions in tables of Soviet library-bibliographic classification. p. 107.
 Sachkova, V. V. - The purchase deposit copy is the principal source of acquisitions for province libraries. p. 128.
 Smirnov, I. S. - Newspaper collections in the service of science and in practice. p. 140.
 Puzrina, M. F. - Activities of agricultural libraries for the last five years. p. 147.

TOVARYSTVO UKRAINS'KYKH BIBLIOTEKARIV AMERYKY. Bulletin. ASSOCIATION OF LIBRARIANS OF UKRAINIAN DESCENT. [Bulletin.] Chicago, no. 1, July 1965.

c. PRINTING & THE BOOK TRADE

KNIZHNAYA TORGOVLIA [BOOK TRADE]. Issued by Komitet po pechati pri Sovete Ministrov SSSR and Tsentral'nyi soizuz potrebiteiskikh obshchestv SSSR [Committee for Printing, Attached to the Council of Ministers of the U. S. S. R. and the Central Union of Consumer Societies of the U. S. S. R.]. Moscow, vol. 17, no. 5, May 1966.

Table of contents translated:
 The program of our life. p. 1.
 Telepin, M. - The role of books in K. Marx's life. p. 5.
 Voice of the foremost workers of the printing industry. p. 8.
 Esenbaev, Z. - We should meet the demands of our customers better. p. 9.
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 Ginzburg, M. - Postage stamps of the German Democratic Republic. p. 46.
 A. S. - In a new stage. p. 47.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Soizuzpechat' Ministerstva svyazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U. S. S. R.]. Moscow, no. 5, 1966.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

LIETUVOS TSR AUKSTUJU MOKYKLU MOKSLO DARBŲ FILOSOFIJA. Uchenye zapiski vysshikh uchebnykh zavedenii Litovskoi SSR: Filosofija [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S. S. R.: PHILOSOPHY]. Vilnius, vol. 6, 1965.

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 4, 1966.

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, 1966.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 20, no. 4, 1966.

Table of contents translated:
 Editorial: Going the Leninist way. p. 3.
 Kovalev, A. S. - Relationship between the theory and practice of communist construction. p. 10.
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- Table of contents translated:
- Kurakov, I. G. - Science and the effectiveness of social production. p. 3.
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- Mikul'skii, S. R., Rodnyi, N. I. - Science as a subject-matter of special studies. p. 25.
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- Arutunian, I. U. V. - Social structure of the rural population. p. 51.
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- Kessid, F. Kh. - Myths and their relation to cognition, religion, and artistic and literary work. p. 98.
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- Danilova, L. N. - A Platonist falsification of K. Marx's theory. p. 118.
- Episkopov, G. L. - Professor T. Marshall's "middle road." p. 127.
- Excerpts from the rough draft of K. Marx's manuscript "Zur Kritik der Politischen Ökonomie." p. 131.
- Kravchenko, I. I., Faddeev, E. T. - Social structure of Soviet society; a sociological conference in Minsk. p. 143.
- Grigor'ian, A. T. - Some results of the 11th International Congress on the History of Science. p. 154.
- Oduv, S. P., and others. - Notes on philosophical studies in Yugoslavia. p. 157.
- New books. p. 181.

b. RELIGION

BELARUSKAYA TSARKVA [BELORUSSIAN CHURCH]. Chicago, no. 29, 1965.

BOZHYM SHLIAKHAM. ON GOD'S HIGHWAY. Issued by Marian House. London, vol. 14, no. 2(95), Mar.-Apr. 1966.

BRATSKII VESTNIK [HERALD OF BROTHERHOOD]. Issued by Vsesoluznyi sovot evangel'skikh khristian-baptistov [All-Union Council of Evangelical Christians and Baptists]. Moscow, no. 6, 1965.

- Table of contents translated:
- Prayer for peace and unity. p. 3.
- To all parishes of Evangelical Christians and Baptists in the U.S.S.R. p. 5.
- Christian theses of peace. p. 7.
- Kirukhantsev, A. N. - Church and the peace in the whole world. p. 8.
- Resolution of the meeting of the Consultative Committee for Continuation of the Work of the Christian Peace Conference. p. 12.
- Congratulatory letters and telegrams on the occasion of the 80th birthday of I. I. Zhidkov, President of the All-Union Council of Evangelical Christians and Baptists. p. 14.
- Hicks, Douglas - Unforgettable Journey. p. 25.
- Zhidkov, I. I. - To all my friends. p. 27.
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- Sopov, K. V. - Apostles are the first active workers of Christianity. p. 56.
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- Memorable day in the Zaporozh'ye parish of Evangelical Christians and Baptists. p. 73.
- News from the parishes. p. 75.

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 45, no. 6, 1966.

LUDYNA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znannia" Ukrain's'koi RSR ["Knowledge" Society of the Ukrainian S.S.R.]. Kiev, vol. 6, nos. 1, 6, Jan.-June 1966.

NAUKA I RELIGIJA [SCIENCE AND RELIGION]. Issued by Vsesoluznoe obshchestvo "Znanie" ("Knowledge" All-Union Society). Moscow, vol. 8, no. 6, June 1966.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO VOPROSAM ATEIZMA I RELIGII [NEW SOVIET AND FOREIGN LITERATURE ON THE PROBLEMS OF ATHEISM AND RELIGION]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1966.

UKRAINS'KE PRAVOSLAVNE SLOVO, UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N. J., vol. 16, no. 11/12, Nov.-Dec. 1965; vol. 17, no. 5, May 1966.

4. HISTORY

a. GENERAL

- AKADEMIIA NAUK ARMIAANSKOI SSR, Eriyan, Istoriko-filologicheskii zhurnal [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Historical and Philological Review]. Eriyan, no. 1(32), 1966.
- Table of contents translated:
- Felekian, A. G. - A few words on A. Masnikan's journalistic work. p. 3.
- Ganatsian, A. T. - An outstanding student of Armenian folk literature. p. 17.
- Ioannisian, A. G. - Social and political movements among the eastern Armenians in the 1850's and 1860's (continuation). p. 33.
- Kirakosian, V. A. - Ruben Sevak's patriotic and political lyric. p. 63.
- Tagnizian, N. K. - Theory of the frame of harmony in medieval Armenia. p. 92.
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EVREI I EVREISKII NAROD; sbornik materialov iz sovetskoi ezheдневnoi i periodicheskoi pechati [JEWS AND THE JEWISH PEOPLE; Materials from the Soviet Daily and Periodical Press]. London, vol. 6, no. 1(10), 1966.

KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Izdatel'stvo "Sovetskaya Rossiia" and Gosudarstvennaia publikaia istoricheskaya biblioteka RSFSR ["Soviet Russia" Publishing House and the State Public Historical Library of the R.S.F.S.R.]. Moscow, vol. 11, no. 5, 1966.

NOVAIA I NOVEISHAIA ISTORIA [MODERN AND RECENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1966.

- Table of contents translated:
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NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFI [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1966.

NOVAIA LITERATURA PO OBSHCHIM PROBLEMAM EVROPEISKIKH SOTSIALISTICHESKIKH STRAN [NEW LITERATURE ON THE GENERAL PROBLEMS OF THE EUROPEAN SOCIALIST COUNTRIES]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 4, 1966.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFI [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1966.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 21, no. 3, May-June 1966.

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Institut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S.S.R.] and others. Kiev, vol. 10, no. 5, May 1966.

- Table of contents translated:
- Sokhan, P. S. - How V. I. Lenin worked out the prerevolutionary tactic of the unity of the revolutionary and democratic forces. p. 3.

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- UKRAINS'KYI ISTORYK [UKRAINIAN HISTORIAN].** Issued by Istorychna komisiia Zarevo [Zarevo Historical Committee]. Littleton, Colo., vol. 2, no. 3/4 (7-8), 1965.
- VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL].** Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, vol. 8, no. 4, Apr. 1966.
- Table of contents translated:
- Invincible power of the Soviet state. p. 3.
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- Vol. 8, no. 6, June 1966.
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- Table of contents translated:
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- Table of contents translated:
- Umanaki, P. B. - American bougeois historiography of the late 19th and the early 20th century and the problem of the participation of Negroes in the abolitionist movement. p. 3.
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- b. ARCHAEOLOGY & ANTIQUITIES**
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- Archaeological monuments of the Neolithic period and the Bronze Age.
- Table of contents translated:
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- BUKHGALTERSKIY UCHET [ACCOUNTING]**. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 21, no. 12, Dec. 1964.
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- FINSKII TORGOVYI ZHURNAL [FINNISH COMMERCIAL JOURNAL]**. Issued by Soluz finskoi vnaemnoi trgovli and Finsko-Sovetskaiia trgovnaia palata [Association of Finnish Foreign Trade and of the Finnish-Soviet Chamber of Commerce]. Helsinki, no. 49, 1966.

- KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]**. Issued by Soluz potrebitel'skikh obshchestv Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S.S.R.]. Alma-Ata, vol. 8, no. 11, Nov. 1965.

- NOVYE TOVARY; Informatsionnyi biulleten' [NEW CONSUMER GOODS; Information Bulletin]**. Moscow, no. 4, 1966.

- SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]**. Issued by Tsentral'nyi soluz potrebitel'skikh obshchestv SSSR [Central Union of Consumers' Societies of the U.S.S.R.]. Moscow, vol. 10, no. 5, May 1966.
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- Table of contents translated:
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- TORGOVIA ZA RUBEZHOM [TRADE ABROAD]**. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po trgovle [State Committee of the Council of Ministers of the U.S.S.R. for Trade]. Moscow, nos. 4-5, 1966.

- VNESNIIAIA TORGOVIA [FOREIGN TRADE]**. Organ of Ministerstva vnesnoi trgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 46, no. 4, 1966.

- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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LIAUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S.S.R.] and others. Vilnius, no. 5(91), May 1966. [In Lithuanian]

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.]. Alma-Ata, vol. 24, no. 4, Apr. 1966.

- Table of contents translated:
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NOVAIA INOSTRANNAIA EKONOMICHESKAYA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 4, 1966.

NOVAIA SOVETSKAYA EKONOMICHESKAYA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1966.

REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May, 1966.

UCHENYE ZAPISKI PO STATISTIKE [STUDIES IN STATISTICS]. Issued by Otdelenie ekonomicheskikh nauk Akademii nauk SSSR [Department of Economic Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 9, 1965. Methodological problems of sanitary and medical statistics.

Table of contents translated:

- Merkov, A.M. - Methodological problems of studying general morbidity in the next population census year. p. 5.
- Nesterov, V.A. - Study of morbidity with temporary loss of working capacity based on contingents of patients. p. 17.
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VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of Tsentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 5, 1966.

Table of contents translated:

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- DEN'GI I KREDIT [MONEY AND CREDIT]. Organ of Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 24, no. 5, May 1966.
 Table of contents translated:
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RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 5, May 1966.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by Tsentral'nyi Kamitet Komunisticheskoy partii Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 42, no. 5, May 1966.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi kamitet Soveta Ministrov SSSR po voprosam truda i zarabotnoy platy [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, vol. 11, no. 5, 1966.

- Table of contents translated:
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KOMSOMOL'SKAIA ZHIJNIT' [LIFE OF COMMUNIST YOUTH]. Issued by Tsentral'nyi kamitet Vsesoyuznogo leninskogo kommunisticheskogo soluza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 9-10, May 1966.

NASHE ZHYTTIA. OUR LIFE. Issued by Soluz ukrainok Ameriky [Ukrainian National Women's League of America, Inc.]. Philadelphia, vol. 23, no. 4, Apr. 1966.

NOUKOGUDE NAINI [SOVIET WOMAN]. Issued by EKP Keskkonnile [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 22, no. 6(252), June 1966. [In Estonian]

PADOMU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA]. Issued by Latvijas Komunistiskas partijas Centrala Komiteja [Central Committee of the Communist Party of Latvia]. Riga, no. 5(165), May 1966. [In Latvian]

RADIANSKA ZHINKA [SOVIET WOMAN]. Kiev, vol. 21, no. 5(245), May 1966.

SMENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi kamitet Vsesoyuznogo leninskogo kommunisticheskogo soluza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 11(337), June 1966.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniya RSFSR [Ministry of Social Security of the R.S.F.S.R.]. Moscow, vol. 41, no. 5, May 1966.

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SOVIET TURKMENISTANYN AJALLARY [SOVIET TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, no. 4(154), Apr. 1966. [In Turkmen]

SOVETSKAYA ZHENSCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin i Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soiuзов [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol. 22, no. 7, 1966.

UZBEKISTON SOTSIAL TA'MINOTI [SOCIAL SECURITY OF UZBEKISTAN]. Issued by Ministerstvo sotsial'nogo obespecheniia Uzbekskoi SSR [Ministry of Social Security of the Uzbek S. S. R.], Tashkent, no. 2(45), Apr. 1966. [In Uzbek]

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 3, Feb. 1964.

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KAZAKHSTAN KOMMUNISI [COMMUNIST OF KAZAKH - STAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 45, no. 5, May 1966. [In Kazakh]

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 43, no. 8, May 1966.

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KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 40, no. 4, Apr. 1966. [In Kirghiz]

KOMMUNIST ESTONIA [COMMUNIST OF ESTONIA]. Issued by TsK Kommunisti Eesti [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 22, no. 4, Apr. 1966.

KOMMUNIST MOLDAVIA [COMMUNIST OF MOLDAVIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 11, no. 3, May 1966.

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KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 31, no. 5, May 1966. [In Tajik]

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by Tsentral'nyi Komitet Komunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 40, no. 5, May 1966. [In Ukrainian]

KOMUNISTAS [COMMUNIST]. Issued by Lietuvos Komunistinis Partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 4(502)-5(503), Apr.-May 1966. [In Lithuanian]

LENINIAN UIGOV [LENIN'S WAY]. Issued by Tsentral'nyi Komitet Komunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Eriivan, vol. 45, nos. 3-4, Mar.-Apr. 1966. [In Armenian]

MOSCOW. Ispolnitel'nyi komitet. Bulletin [Executive Committee, Bulletin]. No. 24(582), Dec. 1965; no. 8 (580), Apr. 1966.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 23, no. 24(1098), June 1966.

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PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 9, nos. 5(93)-6(94), May-June 1966.

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 8, no. 1(85), Jan. 1966.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by the Newspaper "Izvestia." Moscow, no. 8(108), June 1966.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 41, no. 5, 1966. [In Turkmen]

VOPROSY ISTORII KPSS [PROBLEMS IN THE HISTORY OF THE CPSU]. Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU]. Moscow, vol. 10, no. 3, Mar. 1966.

Table of contents translated:
A new document by V. I. Lenin, p. 3.
Plakovsky, V. V. - Unity of theory and practice as the most important principle in the activity of the CPSU, p. 6.
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ZNAMIA ROSSII; organ ruskoj nezavisimoi monarchicheskoi mysl'i [THE BANNER OF RUSSIA; Organ of Russian Independent Monarchist Thought]. New York, nos. 202, 207, Jan., June 1966.

7. LAW

OTVECHAEM NA VOPROSY RABOCHIKH I SLUZHISTICHKH; iuridicheskie konsultiatsii Profizdata [WE ANSWER WORKERS' AND EMPLOYEES' QUESTIONS; Legal Advice from the Trade-Union Publishing House]. Moscow, no. 16, 1966; nos. 17-18, 1966.

RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet, Gazette]. Moscow, vol. 10, nos. 10(365)-17(366), 20(368)-22(400), Apr.-June 1966.

RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sud. Bulletin [Supreme Court, Bulletin]. Moscow, no. 6 1966.

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet, Gazette]. Moscow, vol. 20, nos. 21(1315)-23(1317), May-June 1966.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo Iustitsii i Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R. S. F. S. R.]. Moscow, vol. 30, no. 9, May 1966.

Table of contents translated:
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- Arbitration practice. p. 32.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 36, no. 5, May 1966.

- Table of contents translated:
- Editorial: The 23d Congress of the CPSU and the problems of the Soviet socialist state and law. p. 3.
- Lazarev, B. M. - Soviet industrial enterprises and their management. p. 12.
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8. EDUCATION

a. GENERAL

- AKADEMIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Izvestia [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Bulletin]. Moscow, no. 140, 1965. Oral speech of the deaf.
- Table of contents translated:
- Leongrad, E. I. - Determining the intelligibility of the speech of deaf students. p. 3.
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- No. 141, 1965. Reflection of the achievements of science in a secondary school physics course.
- Table of contents translated:
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DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 27, no. 5, May 1966.

DOSHKOL'NOE VOSPIITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 39, no. 4, Apr. 1966.

- Table of contents translated:
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KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol. 41, nos. 3-4, Mar.-Apr. 1966. [In Kazakh]

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kul'tury RSFSR. Moscow, vol. 27, nos. 4-5, Apr.-May 1966.

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 34, no. 5, May 1966.

- Table of contents translated:
- Along Lenin's path toward communism. p. 3.
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NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo osvity BSSR [Ministry of Education of the White Russian S.S.R.]. Minsk, no. 5, 1966.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 5, May 1966.

- Table of contents translated:
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- RADIANS'KA SHKOLA [SOVIET SCHOOL].** Organ of Ministerstvo osvity Ukrainy kol RSR [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 45, no. 5, May 1966.
- Table of contents translated:
- Trochko, P. T. - Resolutions of the Congress as the program for our era, p. 1.
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RUSSIA (1923 - U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Bulletin [Ministry of Higher and Secondary Specialized Education, Bulletin]. Moscow, no. 6, June 1965.

- SEM'IA I SHKOLA [FAMILY AND SCHOOL].** Issued by Akademiya pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, vol. 21, no. 4, Apr. 1966.
- Table of contents translated:
- Our five-year plan, p. 1.
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- SOVETSKAYA PEDAGOGIKA [SOVIET PEDAGOGY].** Issued by Akademiya pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, vol. 30, no. 4, Apr. 1966.
- Table of contents translated:
- Let's train them according to the traditions of older generation, p. 3.
- Krutova, O. N., Krutov, N. N. - V. I. Lenin on the class and general aspects of morals, p. 10.
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SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya SSSR [Ministry of Higher and Secondary Specialized Education of the U. S. S. R.]. Moscow, vol. 13, no. 4, Apr. 1966.

- Table of contents translated:
- Bliznet, K. B., Rybina, L. M., Semenov, I. P. - Comments by the delegates to the 23d Congress of the CPSU, p. 2.
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- Boverman, V. B. - Organizing the television classes, p. 9.
- Narolia, I. M. - Editor's mail, p. 11.
- Shinin, A. I. - Aids for the study of radio receivers, p. 12.
- Sergeev, A. N. - Examination in a workshop, p. 17.
- Kriukov, I. M. - We teach in close contact with the activities of commercial enterprises, p. 18.
- Golkhat, B. A. - School of programmed instruction, p. 19.
- Grigor'ev, I. I. - How to organize educational television broadcasts, p. 20.
- Where the feather grass swayed, p. 24.
- Pionova, R. - Take the search with you, p. 26.
- Sergeev, I. U. - Let's inculcate the skills of propaganda work in students, p. 31.
- Bobkova, G. V. - General cultural work in schools, p. 33.
- Maslov, A. - Fruitful contacts, p. 34.
- Pan'shukov, V. A. - Solving the problems in the economics course, p. 38.
- Mikadze, P. B. - Organizing the admission of students to our technical school, p. 38.
- In the Ministry of Agriculture of the Latvian S. S. R., p. 41.
- Champion of the Moldavian Republic, p. 42.
- Conference of the principals of railroad technical schools, p. 44.
- Editor's mail, p. 47.
- Solov'ov, V. - Photographic club in a technical school, p. 48.
- Sambur, B. - Secondary specialized education in the Mongolian People's Republic, p. 50.
- Brot, Walter - Training of primary grade teachers in the German Democratic Republic, p. 52.
- Aistov, A. T. - Indefatigable worker, p. 54.
- Sviridov, A. - Our radio newspaper, p. 55.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAYA KULTURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosvetsheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 5, 1966.

KEHAKULTTUUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordihingute ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S. S. R.]. Tallinn, vol. 27, nos. 9(540)-10(547), May 1966. [In Estonian]

SHAKHMATNYI BULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaya federatsiya SSSR [Chess Federation of the U. S. S. R.]. Moscow, vol. 12, no. 5, May 1968.

SHAKMATY V SSSR [CHESS IN THE U. S. S. R.]. Organ of Shakhmatnaya federatsiya SSSR [Chess Federation of the U. S. S. R.]. Moscow, vol. 43, no. 5, May 1966.

SPORT V SSSR [SPORTS IN THE U. S. S. R.]. Issued by the Periodical "Sovetskii Sport" ["Soviet Union"]. Moscow, no. 5(39), 1968.

SPORTIVNAYA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vsesoyuznitskiy sovet Soluza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol. 10, no. 6, 1968.

START. Organ of Rada Soluza sportivnykh tovarystv i organizatsii Ukrainy kol RSR [Council of the Union of Sports Association and Organizations of the Ukrainian S. S. R.]. Kiev, nos. 5-6, May-June 1966.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR i Soluz rabotnikov kinematografii SSSR [Ministry of Culture of the U. S. S. R. and the Association of Cinematographic Workers of the U. S. S. R.]. Moscow, vol. 38, no. 4, 1966.

- Table of contents translated:
- Vertov, Dziga. - Lines from a motion-picture poem, p. 1.
- Gak, A. - V. I. Lenin in motion-picture theaters, p. 5.
- Iur'skii, Sergei, and others. - To many addresses, p. 8.
- Karaganov, A. - The artist's dignity, p. 14.
- Nikulin, Lev. - Swan song, p. 23.
- Gorashov, S. - A personal voice, p. 27.
- Bocharnikova, E. - On the threshold of beauty, p. 31.
- Rabichkov, E. - Heroic reportage, p. 33.
- Alekain, A. - "Tell us about everything! . . ." p. 36.
- Varianov, An. - Active love, p. 40.
- Kheifits, Isid. - From a notebook on "The lady with the little dog," p. 53.
- Kozintsev, Grigori. - The deep screen, p. 81.
- Mezhov, E. - Television essay: Limitations of a genre, p. 93.
- Levin, E. - Again about "The Battleship Potemkin," p. 97.
- Goldovskaya, Marina. - Two portraits of an artist, p. 100.
- Drojer-Sfard, Regha. - Montage in Einstein's work, p. 104.
- Bogomolov, I. U., Kuznetsov, M. - Leonid Kuravlev's boys, p. 112.
- Khitruk, F. - Always under way, p. 117.
- Osetinski, O. - "In the vicinity of Athens," p. 124.
- Aminskii, L. - "First day of freedom," p. 124.
- Vaisfeld, I. - "Section 137," p. 127.
- Anikst, A. - "Male company," p. 129.
- Neviski, A. - "Old men harvesting hops," p. 130.
- Panova, V. - Four pages of a young life, p. 136.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Issued by Gosudarstvennyi komitet Sovetskikh Ministerov SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures]. Moscow, no. 5, May 1966.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Organ of Komitet po kinematografii pri Sovete Ministrov SSSR i Soluz kinematografistov SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U. S. S. R., and the Union of Motion-Picture Workers of the U. S. S. R.]. Moscow, no. 7(223), Apr. 1966.

SOVETSKII FIL'M [SOVIET FILMS]. Issued by Vsesoyuznoe ob'edinenie [All-Union Association] "Sovetskii Fil'm." Moscow, no. 4(107), Apr. 1966.

TEKHNIKA KINO I TELEVIDENIYA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Gosudarstvennyi komitet Sovetskikh Ministerov SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures]. Moscow, no. 5, May 1966.

- Table of contents translated:
- Barinov, A. F. - Motion pictures in the new five-year plan, p. 3.

- Pivovarov, S. P., Rosselevich, I. A. - Television apparatus of the artificial satellites for cloud observation. p. 7.
- Chernov, V. G. - Methods for determining the economic efficiency of new technology in film production. p. 18.
- Nesterov, V. A. - Improving the quality of sound in newsreel and documentary films. p. 26.
- Popova, G. A. - Type 2KZ-1 and 2KZ-2 loudspeaker devices in sound amplification systems. p. 30.
- Pruss, P. Kh. - Method for determining diffuse and reflex halation in photographic materials. p. 33.
- Kolesnikova, T. A., Staroverova, N. I., Strel'nikova, A. P. - Quantitative determination of phenidone and its derivatives in photographic developers. p. 37.
- Shamshtein, M. G. - Lighting system of the KMTS-1 printing apparatus. p. 43.
- Zakharov, I. P., Grlazin, G. N. - Television observation of rotating objects. p. 46.
- Khaykin, V. L. - Formation of the regeneration signals of the constant component. p. 51.
- Malakhov, L. K., Ilduzon, O. I., Slutskiy, P. R. - High-frequency microphonic disturbance in image orthicons. p. 56.
- Montreal - 1967. p. 60.
- Lukacher, V. G. - Electric d.c. motor without collector and brushes. p. 63.
- Atsenko, K. IA. - Television luminance meter. p. 65.
- Korndorf, S. F., Murova, N. S., Surova, E. IA. - Classification of photoelectric and television measurement methods. p. 67.
- Luzhetskiy, V., Luzhetskiy, V. - Exposure in single filming with the "Kvaris-3" camera. p. 68.
- Abstracts. p. 70.
- Czechoslovak patents for motion-picture equipment. p. 81.
- Provide the rural movie theater network with a modern motion-picture equipment base; in the Committee of Cinematography Attached to the Council of Ministers of the U.S.S.R. p. 84.
- Petrov, Vasilii Vasil'evich; on the occasion of his 70th birthday and 50 years in service. p. 95.
- Standardization. p. 96.

VOPROSY KINODRAMATURGII [PROBLEMS IN CINEMA DRAMATURGY]. Moscow, no. 5, 1966.

- Table of contents translated:
- Valsfel'd, I. - Plot and reality. p. 13.
- Domini, V. - Revolt of details. p. 46.
- Shalernikova, M. - A "strong" and a "weakened" plot. p. 75.
- Zorkala, N. - Some words in defense of the old plots. p. 94.
- Macheret, A. - Idea on the screen. p. 112.
- Korymala, S. - Is the spiritual world photogenic? p. 153.
- Granberg, An. - Transformation of the second plan. p. 191.
- Aristarco, Guido, and others. - Our survey. p. 209.
- Bozhovich, V. - Andre Bazin and "the aesthetics of noninterference." p. 303.
- Bazin, Andre. - Evolution of the language of motion pictures. p. 311.
- Brief notes on the authors. p. 326.

b. MUSIC

KRUGOZOR [HORIZON]. Moscow, no. 5, 1966.

LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE]. Issued by Vsesoiuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 1, 1966.

SOVETSKAYA MUZYKA [SOVIET MUSIC]. Organ of Soluz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 30, no. 4, Apr. 1966.

- Table of contents translated:
- Dreiden, Sim. - On the wave of the revolution. p. 11.
- Malyshev, IU. - Recreating the poet's image. p. 21.
- Leman, A. - His music lives. p. 27.
- Iarustovskii, B. - Stirring documents of an epoch. p. 30.
- Iakubov, M. - The greatest melodist of the 20th century. p. 39.
- Dan'ko, L. - From sketches to an operatic score. p. 51.
- Pokrovskii, B. - In the work on "War and peace." p. 55.
- Sergeev, K. - Elevating influence. p. 59.
- Lemeshev, S. - From my autobiography. p. 64.
- Ianuzem, I. - Memories of a friend. p. 71.
- Approaching the 50th anniversary of the October Revolution. p. 78.
- Al'bin, M. - Rachmaninoff cycle. p. 79.
- Klimovitskii, A., Fomin, V. - Mozart's Mass. p. 80.
- Aronov, A. - A Czech master. p. 82.
- Sibirskii, V. - A singer of Paris. p. 83.

- Fishman, N., and others. - From a diary of concert events. p. 85.
- Zemtsovskii, I. - Ballads. p. 89.
- Bumich, L. - Interrupting practice. p. 96.
- Rofershtein, M. - Coordination is necessary. p. 99.
- Grodzenskaya, N. - Both singing and listening. p. 101.
- Dobrovolskaya, N. - Greater attention to methodology. p. 103.
- The discussion continues. p. 105.
- Vols, P. - New trends in music education. p. 108.
- Garlitskii, M. - For young violinists. p. 116.
- Leites, R. - Halfdan Kjerulf and his songs. p. 119.
- Sveshnikova, O. - From the experience of friends. p. 127.
- Meetings on the Island of freedom. p. 133.
- Visiting us. p. 135.

c. THEATER

KLUB I KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 15, nos. 8-9, Apr.-Aug. 1966.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodai gardia" ["Young Guard"]. Moscow, no. 2(134), 1966.

NA DOPOMOHU KHUDOZHNI SAMODIAL'NOSTI; repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS; Repertorial Collection]. Kiev, nos. 2(62)-3(63), Mar., May 1966.

SOLUZ PISATELEI SSSR, Vsesoiuznoe upravlenie po okhrane avtorskikh prav. Informatsionnyi spisok dramatezhskikh proizvedenii [ASSOCIATION OF WRITERS OF THE U.S.S.R. All-Union Administration for the Protection of Authors' Rights. Information Index of Dramatic Works]. Moscow, nos. 1/2-11/12, Jan.-Dec. 1965; nos. 1-2/3, Jan.-Mar. 1966.

SOVETSKAIA ESTRADA I TSIRK [SOVIET STAGE AND CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 6 (105), June 1966.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soluz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol. 25, no. 9, Sep. 1964.

- Table of contents translated:
- Vladimirevskaya, A. - Victory of a genre. p. 4.
- Rassadin, St. - Of the passage of time. p. 6.
- Ugrulovskiy, E. - On the way to a revival. p. 10.
- Krivitskii, K. - Beginning with the second act. . . p. 12.
- Responsibility of a dramatist; about one unsuccessful play. p. 15.
- Dubasov, G. - Voices of our time; notes on the theatrical season in Moscow. p. 18.
- Sakhnovskii-Pankeeov, V. - Leningrad playbill. p. 20.
- Kinelev, G. - Theater in the Kuban. p. 34.
- Miangova, I. - Who seeks. . . p. 30.
- Zlobina, M. - Evenings in Astrakhan. p. 44.
- Boriam, Gergen. - Vagabondian. p. 52.
- Khrustalev, Mich. - Dancing in a variety theater. p. 57.
- Maliugin, L. - The fate of the "Sea gull." p. 60.
- Zharov, Mikhail. - Life and the role (to be continued). p. 60.
- Sergeev, L. - In the presidium of the Council of the All-Russian Theater Association. p. 82.
- Berezkin, V. - Three approaches. p. 84.
- Shok, I. - Comedy-farce. p. 87.
- Nepomniashchii, V. - In the A. S. Pushkin Museum. p. 87.
- Bulgak, L. - Smile. p. 88.
- Saenko, M. - One of the youngest. p. 92.
- N. S. - Notes of a retired prompter. p. 92.
- On the stage of the Kremlin Theater. p. 93.
- Dzmitriyevskaya, O. - Invitation to the theater. p. 96.
- One day at noon. . . p. 98.
- Shcherbina, G. - The art of silence. p. 99.
- E. R. - Without a sign. p. 100.
- Stepenskaya, E. - History of a sickness; a play in three acts. p. 101.
- Pimenov, VI. - Friendship is there where truth is. p. 107.
- Markov, P. - The permanent theater in Genoa. p. 117.
- Krymova, N. - April 23, before and after (to be continued). p. 124.
- Finn, Konstantin. - Troubled happiness; a drama in two acts. p. 134.
- Staff of the theaters of our country. p. 167.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.], and others. Moscow, nos. 10, 12, May-June 1966.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U. S. S. R.]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, vol. 10, no. 5, 1966.

KHUDOZHNIK [ARTIST]. Issued by Soluz khudozhnikov RSFSR [Association of Artists of the R. S. F. S. R.]. Moscow, vol. 8, nos. 4-5, 1966.

LETOPIS' IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF FINE ARTS]. Issued by Vsesoiuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 1, 1966.

NOTATKY Z MYSTETSTVA. UKRAINIAN ART DIGEST. Issued by Ob'ednannia mystetsiv ukrainsiv v Ameritsi [Ukrainian Artists Association in U. S. A.]. Philadelphia, no. 4, Feb. 1966.

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Armianskoi SSR po kinematografii [Ministry of Culture of the Armenian S. S. R. and the State Committee of the Council of Ministers of the Armenian S. S. R. for Motion Pictures]. Eri van, no. 4, 1966. [In Armenian]

SOVETSKOE FOTO [SOVIET PHOTO]. Issued by Soluz zhurnalistov SSSR [Association of Journalists of the U. S. S. R.]. Moscow, no. 5, May 1966.

TVORCHESTVO [CREATIVE WORK]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, no. 5, 1966.

b. ARCHITECTURE

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U. S. S. R.]. Organ of Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu i arkhitektуре pri Gosstroee SSSR and Soluz arkhitekturov SSSR [State Committee for Public Construction and Architecture, Attached to the State Planning Committee of the U. S. S. R. and the Association of Architects of the U. S. S. R.]. Moscow, no. 3, 1966.

- Table of contents translated:
- Inspiring prospects. p. 1.
- Posokhin, M. - Along the way pointed out by the party. p. 3.
- Svetlichnyi, B. - Building of cities and planning. p. 28.
- Rubanenko, B. - Architectural and artistic problems of industrial housing construction. p. 33.
- Krayevskaya, I., Timashevskaya, M., Iantakii, O. - Development of a network of public buildings in relation to the change in the time budget of workers. p. 45.
- Tankalan, V. - How should one build settlements in the Far North? p. 50.
- Kiba'elich, A., Platonov, V. - Architectural and spatial composition of a settlement beyond the Arctic Circle. p. 54.
- Esenov, A. - Districting a territory for the building of settlements. p. 57.
- Pod'ipov'skii, S. - Masters of restoration; L. A. David. p. 60.
- In the Union of Architects of the U. S. S. R. p. 63.
- In the Moscow Division of the Union of Architects. p. 64.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvoshia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Construction and Architecture]. Moscow, vol. 9, no. 2, 1966.

- Table of contents translated:
- Pantlov, D. F. - Calculating the bearing capacity of ice cover taking into account the nonuniformity of its thickness. p. 3.
- Suzdal'nikskii, I. D. - Stability of the equilibrium of structural elements. p. 6.
- Tetlov, A. N. - Reinforced concrete shells serving as foundations for industrial, residential, and public buildings and structures. p. 13.
- Shepel'skii, M. IA. - Effect of weld deformations on the performance of beams reinforced under a load. p. 18.

- Tugaenko, I. F. - Experimental studies of the joint performance of foundation beds and foundations in loess of the first type. p. 22.
- Voronov, G. V., Molchan, I. A. - Programming the computation of the coefficients of canonical equations of the method of forces or the permutation method for flat frames. p. 32.
- Rodin, B. I. A. - Elastoplastic stability of statically determinate rods. p. 38.
- Ivanov, O. F. - Determining the displacements in plates from loads distributed according to the law of cos. p. 43.
- Liubimov, S. M. - Section resistance of plastic materials not performing for tension under eccentric compression. p. 45.
- Zalzenberg, A. I. - Stability of an elastic beam connected on one side with an elastic foundation. p. 50.
- Bugakov, E. Kh. - Phase composition of water in cement paste and mortar during early freezing. p. 58.
- Kucherova, E. A. - Interaction of magnesium oxide with active hydraulic additives during the autoclave process. p. 64.
- Ved', E. I., Zharov, E. F., Prilimak, I. M. - Using dehydrated clays in mixes with caustic magnesite in the production of autoclave building materials. p. 69.
- Vedenev, B. V. - Study of the heat regime of bitumen ducts. p. 74.
- Perepletchikov, E. G., Flato, I. F. - Study of the microclimate of living areas. p. 81.
- Chetyshev, A. I. - Distribution of gasoline vapors in oil extraction plants. p. 86.
- Starovoida, V. P. - Per unit distribution of runs of city automobiles along the streets, on lead-in highways, and by beltways. p. 90.
- Rud', A. G. - Effect of the rate of movement of the tip on the depth of penetration of the soil by a cone penetrometer. p. 96.
- Volotskol, D. V. - Waterproofing soil by silicon organic liquids during the construction of automobile roads. p. 100.
- Borodavkin, P. P. - Calculating unstabilized settling of structures in waterlogged soil. p. 106.
- Kozlovskii, V. I., Tsygannov, R. I. A. - Studying the transformation of flood discharge on electric models. p. 111.
- Egorov, S. A. - Approximate calculation of a curve on a chute. p. 114.
- Alekseeva, T. V., Belov, L. E. - Kinematics and dynamics of the mechanism of lifting the mold-board of a bulldozer. p. 118.
- Khlasev, A. D. - Laboratory buildings of small capacity. p. 122.
- Shein, V. T. - Methods of plotting the circumference in perspective. p. 131.
- Methods of analyzing the results of determining the shear resistance of soils in stabilometers. p. 139.
- Konoplev, A. V. - Experimental studies of the distribution of reactive pressure under reinforced concrete beams on a sandy foundation. p. 144.
- Knigun, G. I. - Conference of young scientists. p. 150.
- Motnov, A. M. - Determining the critical rate and the loss of pressure in horizontal falling lines during the hydraulic conveying of loose weighted materials. p. 70.
- Kuz'minskii, A. G. - Determining the optimal plan for the development of the local building materials industry in an economic district. p. 77.
- Shlapakova, E. I. - Studying the composition of mine water of the Moscow coal basin and conditions for its clarification. p. 83.
- Nosovitskii, A. I. A. - Calculating inlet air stream systems of ventilation combined with hot-air heating. p. 88.
- Ustinik, N. D. - Study of the resistance to the force of inertia during the cutting of the soil. p. 96.
- Peryshkin, G. A., Filippovich, I. V. - Passage of the discharge through the turbine blocks of a hydroelectric power station during the period of construction. p. 100.
- Rabukhin, L. G. - Experimental study of the performance of a four-outlet dewatering conduit. p. 108.
- Batrakov, O. T. - Elastic properties of soil and soil foundation beds of automobile roads. p. 111.
- Kupin, P. P. - Settling of nonrigid road elements under the action of loads. p. 116.
- Khomutskaya, N. N. - Design practice of landscape architecture in rebuilt areas of large cities. p. 121.
- Kuprianov, V. N., Bihov, I. I. - Calculating the intensity of the total solar radiation for variously oriented walls of buildings. p. 127.
- Rondel', R. M. - Solar exposure of apartments in various model sections with various orientation in reference to the meridian. p. 133.
- Saptsin, V. P., Orlov, T. V. - Measuring low-amplitude waves under laboratory conditions. p. 138.
- Levitskii, B. F. - Unfortunate errors in the textbook "Sewerage." p. 142.
- STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosudarstvennyi komitet po delam stroitel'stva Ukrainy SSR and Soluz arkhitektov Ukrainy [State Committee for Construction in the Ukrainian S.S.R. and the Association of Architects of the Ukraine]. Kiev, vol. 14, no. 4, Apr. 1966.
- Table of contents translated:
- Builders' militant program. p. 1.
- Areshkovich, V. - Labor protection and safety engineering. p. 3.
- Ivanov, V., Chabanyl, N., Shvets, B. - Successes in assembly-line methods of construction. p. 4.
- Strashnov, A., Reshetov, V. - Large-panel high-rise apartment houses. p. 9.
- Lebedev, G., Piatkovskii, A. - Large-panel buildings for kindergarten and nursery. p. 10.
- Kligerman, S. - Economic characteristics of buildings on sagging soils. p. 12.
- Smazhenyi, A. - Foundations of standard parts. p. 16.
- Kuznetsov, N. - Action of the wind on high buildings with balconies. p. 18.
- Parafilo, A., Popov, V., Sukhin, G. - Built-up ventilated roofs with heating panels. p. 21.
- Kosoverov, O. - Roofs for a bus station platform. p. 22.
- Zaikovskiy, M. - Comprehensive mechanization of finishing operations. p. 23.
- Vishnovskii, V., and others. - Use of emulsion polyvinylacetate paints. p. 25.
- Maimutin, G., and others. - Shop of semifinished products of finishing work. p. 26.
- Sychevskii, E. - Standardization of windows and balcony doors. p. 27.
- Domashevskii, A., Pashnik, V. - Use of polyvinylacetate emulsion in construction. p. 29.
- Moshkovich, V. - They use rolled materials correctly. p. 30.
- Krivda, I. U. - Lacquer coatings for parquet floors. p. 32.
- Artemov, A. - Handbook on architecture for tourists. p. 33.
- Kotomets, N. - Organization of shopping centers in countries of Western Europe. p. 34.
- STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Zonal'nyi nauchno-issledovatel'skii i projektnyi institut tipovogo i eksperimental'nogo proektirovaniia zhilykh i obshchestvennykh zdaniy g. Kiieva [Regional Scientific Research and Design Institute of Standard and Experimental Design for Residential and Public Buildings in Kiev]. Kiev, no. 4, 1966.
- Table of contents translated:
- Kolesnikov, V. V. - Effect of local conditions on the characteristics of dwellings in the Third Design and Construction Area. p. 5.
- Shelberg, I. A. - Parameters of living areas with transverse bearing walls. p. 20.
- Rodionov, A. V. - Architectural and planning characteristics of apartments of compact apartment houses in the U.S.S.R. p. 31.
- Vasserman, I. A. E. - Flexible living areas. p. 40.
- Solov'ev, V. P. - Interchangeability of architectural elements of large-panel buildings. p. 53.
- Chechel'nikskii, A. K. - Standardization of three-dimensional structural parts of buildings. p. 62.
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- Ialonskii, D. N. - Method of evaluating design features of apartment houses at the stage of design suggestions and assignments. p. 86.
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- Shit, I. U. - Principles for evaluating designs of apartment houses. p. 99.
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- STROITEL'STVO I ARKHITEKTURA MOSKVI [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Issued by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiaschikhslia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 15, no. 5, May 1966.
- Table of contents translated:
- Builders' most important work. p. 1.
- Kuz'min, V., Kozlov, I., Kolchin, A. - Service system for the population of the capital. p. 2.
- Zaitkin, V. - With the help of computers. p. 8.
- Shelting, G., Dronov, V. - The BK-180. p. 10.
- Rabushin, A., Kulikov, I. - Industrial aesthetics and the living quarters. p. 16.
- Garmen, E. - Universal multistory automated parking garage. p. 21.
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- Nikol'skii, V. - For large-panel apartment houses. p. 28.
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- Molchanov, I. U. - Highway construction in Japanese cities. p. 32.
- In the executive committee of the Moscow Soviet. p. 3 of cover.
- STROITEL'STVO I ARKHITEKTURA SREDNEI AZII [CONSTRUCTION AND ARCHITECTURE OF CENTRAL ASIA]. Organ of Gosudarstvennyi proizvodstvennyi komitet po stroitel'stву Sredneazial'skogo ekonomicheskogo raiona SSSR [State Production Committee for Construction of the Central Asiatic Economic Region of the U.S.S.R.]. Tashkent, vol. 1, no. 7, July 1964.
- Table of contents translated:
- Azbel', D. - Give first priority to the economics of construction. p. 1.
- Shupikov, N. - Success will be attained. p. 5.
- Pergana coke. p. 6.
- Trakhtenberg, M. - New system of calculating the operation of construction machinery. p. 8.
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STROITEL'STVO I ARKHITEKTURA UZBEKISTANA [CONSTRUCTION AND ARCHITECTURE OF UZBEKISTAN]. Organ of Ministerstvo stroitel'stva i Gostroi Uzbekskoi SSR [Ministry for Construction and the State Committee for Construction of the Uzbek S.S.R.]. Tashkent, vol. 7, no. 3, Mar. 1966.

- Table of contents translated:
 Toward new goals. p.1.
 Basov, O. F. - Oil paint without a drying oil. p.4.
 Bolen'kil, S. A. - Plant producing aggregates for concrete. p.5.
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- Aradovskii, I. A. L. - Durability of gypsum-cement-puzzolanic concrete. pp.19,25.
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- Table of contents translated:
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11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNAANIU [NEW FOREIGN LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1966.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNAANIU [NEW SOVIET LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1966.

NOVOE V LINGVISTIKE [WHAT IS NEW IN LINGUISTICS]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 4, 1965.

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademii pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, no. 3, May-June 1966.

UKRAINS'KA MOVA I LITERATURA V SHKOLII [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS]. Issued by Ministerstvo osvity URSS [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 18, no. 6, June 1966.

UKRAINS'KA VIL'NA AKADEMIIA NAUK. Seriya: Nazvaznavstvo [UKRAINIAN FREE ACADEMY OF SCIENCES. Series: Onomastica]. Winnipeg, no. 15, 1958; no. 29, 1965.

b. LITERATURE & FOLKLORE

AKADEMIIA NAUK SSSR. Izvestia. Seriya literatury i iazyka [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Series in Literature and Language]. Moscow, vol. 25, no. 2, Mar.-Apr. 1966.

- Table of contents translated:
 Kostomarov, V. G. - Retrospective study of the culture of language. p.81.
 Ulukhanov, I. S. - Reasons for the semantic transformation of Slavicisms; based on verbs with the prefix "pre-". p.87.
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 Kuz'min, A. I., Derzhavina, O. A. - In memory of Academician Nikolai Kalitinkovich Gudzi. p.180.

AZERBAIJAN [AZERBAIJAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, no. 4, Apr. 1966. [In Azerbaijani]

BAIKAL. Organ of Soluz pisatelei Buriatskoi ASSR [Association of Writers of the Buryat A. S. S. R.]. Ulan-Ude, vol. 12, no. 1, Jan.-Feb. 1966.

DILA [MORNING]. Issued by Tsentral'nyi komitet leninskogo kommunisticheskogo soyuza molodezhi Gruzii i Respublikanskii sovet organizatsii iunych pionirov im. V. I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pioneers]. Tiflis, no. 5, 1966. [In Georgian]

DNIPRO [DNEPER]. Organ of Tsentral'nyi komitet Leninskogo kommunisticheskogo soyuza molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 40, no. 6, June 1966.

DON. Organ of Soluz pisatelei RSFSR i Rostovskoe otdelenie Soluza pisatelei [Association of Writers of the R. S. F. S. R. and the Rostov Branch of the Association of Writers]. Rostov-on-Don, vol. 10, no. 0, June 1966.

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, nos. 4-5, Apr.-May 1966.

IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 15, no. 5(132), May 1966.

LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZHNYKH STRAN; bibliograficheskii biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U. S. S. R. AND FOREIGN COUNTRIES; Bibliographical Bulletin]. Issued by Vsesoiuznaya kul'turnaya palata i Vsesoiuznaya gosudarstvennaya biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moscow, no. 2, 1966.

LITERATURNAYA GRUZIJA [LITERARY GEORGIA]. Organ of Soluz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol. 10, no. 5, May 1966.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol. 24, no. 2, Mar.-Apr. 1966.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S. S. R.]. Tallinn, no. 5, May 1966. [In Estonian]

MOLODAIA GVARDIJA; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD; Literary and Socio-political Magazine]. Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soyuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 5-6, May-June 1966.

NASH SOVREMENNIIK [OUR CONTEMPORARY]. Organ of Soluz pisatelei RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow, no. 5, May 1966.

NEVA. Organ of Soluz pisatelei RSFSR i Leningradskoe otdelenie Soluza pisatelei [Association of Writers of the R. S. F. S. R. and the Leningrad Branch of the Association of Writers]. Leningrad, no. 0, 1966.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S. S. R. Kishinev, vol. 35, no. 5, 1966. [In Moldavian]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 4, 1966.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, 1966.

NOVYI ZHURNAL. THE NEW REVIEW. New York, vol. 25, no. 83, 1966.

OKTIABR' [OCTOBER]. Organ of Soluz pisatelei RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow, vol. 42, no. 5, May 1966.

- Table of contents translated:
 Ageev, Nikolai. - New meeting; verse, p.3.
 Gol'dberg, Aleksandr. - He sounds the bugle; There, at the summit...; verse, p.6.
 Odintsov, A. - Breakthrough; a tale, p.7.
 Borisov, Mikhail. - I'm reading poems about the war; verse, p.83.
 Kurochkin, Viktor. - The monster; a tale, p.85.
 Nuri, Zakir. - Night song; My language; verse, p.128.
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 Demidov, Vladimir. - Hidden treasure; Mt. Shafraan; verse, p.164.
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 Metchenko, A. - Vital and aggressive. p.187.
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 Brief book reviews. p.221.

POLIARNAYA ZVEZDA [THE NORTH STAR]. Organ of Soluz sovetskikh pisatelei Yakutii [Association of Writers of Yakutia]. Yakutsk, no. 3, May-June 1966.

POLYMYIA [FLAME]. Organ of Soluz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 44, no. 6, June 1966.

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Instytut literatury im. T. H. Shevchenka Akademii nauk URSR and Spilka pis'mennykh Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. and the Association of Writers of the Ukraine]. Kiev, vol. 10, no. 5, May 1966.

Table of contents translated:
The Party guides, p. 3.
Donchik, Vitalii. - Reaching maturity, p. 12.
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Korndenko, V. - The I. Franko Jubilee, p. 96.
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SEVER [THE NORTH]. Issued by Soluz pisatelei Karelskoi ASSR and Arkhangel'skoe i Vologodskoe otdeleniia Soluza pisatelei RSFSR [Association of Writers of the Karelian A.S.S.R. and the Archangel and Vologda Branches of the Association of Writers of the R.S.F.S.R.]. Petrozavodsk, vol. 27, no. 3, May-June 1966.

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, no. 4, Apr. 1966. [In Uzbek]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Erivan, nos. 4-5, 1966. [In Armenian]

SOVETSKAIA PECHAT' [SOVIET PRESS]. Issued by Soluz zhurnalistov SSSR [Association of Journalists of the U.S.S.R.]. Moscow, no. 5, May 1966.

Table of contents translated:
Zimianin, M. - A question of our honor, p. 1.
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Iampol'skii, M. - Problems, themes, and plans, p. 17.
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Mal'tsev, N. - I have an interview; a satirical sketch, p. 63.

SUCHASNIST'; literatura, mystetstvo, suspil'ne zhyttia [OUR TIME; Literature, Art, and Social Problems]. Munich, vol. 6, nos. 5(65)-6(66), May-June 1966.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kiev, vol. 34, no. 6, June 1966.

VOZROZHDENIE [RENAISSANCE]. Paris, no. 174, June 1966.

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Lvov, no. 6, 1966.

ZHULDYZ [STAR]. Issued by Soluz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no. 5, May 1966. [In Kazakh]

12. GEOGRAPHY & GEOLOGY

b. GEOGRAPHY

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oceanography. Transactions]. Moscow, vol. 77, 1965. Hydro-optical research.

Table of contents translated:
Kozhianinov, M. V. - Some basic problems of hydro-optics, p. 7.
Karelin, A. K. - Basic equations linking the optical characteristics of the sea, p. 17.
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Khalemskii, E. N. - Calculation of subsurface illuminance, p. 131.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the U.S.S.R.]. Moscow, no. 3, May-June 1966.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Metodicheskie ukazaniia [STATE OCEANOGRAPHIC INSTITUTE. Methodological instructions]. Leningrad, no. 21, 1963.
Contents: [Setup of oceanographic instruments for self-contained work at sea] Postanovka okeanograficheskikh priborov na avtonomnuu rabotu v more, 73 p.

MOSCOW. UNIVERSITET. Vestnik. Seriya 5: Geografiia [UNIVERSITY. Review. Series 5: Geography]. Vol. 20, no. 2, Mar.-Apr. 1965.

Table of contents translated:
Gvozdet'skii, N. A. - Outstanding geographer and explorer, p. 4.
Spiridonov, A. I. - Problems of geomorphology in Ivan Semenovich Shchukin's work, p. 12.
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c. GEOLOGY & PALEONTOLOGY

- AKADEMIA NAUK ARMIAKSKOI SSR, Erevan. *Izvestia. Nauki o zemle* [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin, Earth Sciences]. Erevan, vol. 19, no. 1/2, 1966.
- Table of contents translated:
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- Table of contents translated:
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AKADEMIA NAUK GRUZINSKOI SSR, Tiflis. Geologicheskii Institut. Trudy. Novaya seriya [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Geological Institute. Transactions. New Series]. Tiflis, no. 2, 1965.

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AKADEMIA NAUK KAZAKHSTANSKOI SSR, Alma-Ata. Izvestiia. Seriya geologicheskaya [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Geological Series]. Alma-Ata, vol. 23, no. 1, Jan. - Feb. 1966.

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Table of contents translated:

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Contents: Vologdin, A. G. [Cambrian Crinoid fossils of the U. S. S. R.] Kribritsiaty kembriina SSSR. 63 p.

*GEOKHMIA [GEOCHEMISTRY]. Issued by Akademia nauk SSSR Academy of Sciences of the U. S. S. R. Moscow, no. 7, July 1964.

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- MOSCOW. UNIVERSITET. Vestnik. Seriya 4: Geologiya [UNIVERSITY. Review. Series 4: Geology].** Vol. 21, no. 2, Mar.-Apr. 1966.
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FILOSOFSKI PROBLEMY SUCASNOHO PRYRODO-ZNAVSTVA [PHILOSOPHICAL PROBLEMS OF THE NATURAL SCIENCES]. Kiev, no. 2, 1964.

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NAUKA I SUSPILSTVO [SCIENCE AND SOCIETY]. Issued by Tovarystvo "Znanin" Ukrain'skoi RSR ["Znanin" Society of the Ukrainian S.S.R.]. Kiev, no. 6, 1966.

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoiuznoe obshchestvo "Znanie" [Knowledge] All-Union Society]. Moscow, vol. 32, no. 5, May 1966.

NOVYE KNIGI ZA RUDEZHOM. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografija [NEW FOREIGN BOOKS. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]. Moscow, vol. 19, no. 5 May 1966.

PRIRODA [NATURE]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 55, no. 5, May 1966.

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ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet po professional'no-tekhnicheskomu obrazovaniiu pri Gosplane SSSR [State Committee for Industrial Training, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 41, no. 5, May 1966.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by Tsentral'nyi komitet Lenin's'koho komunistychnoho soluzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 6(318), June 1966.

b. ASTRONOMY

***ASTROFIZIKA [ASTROPHYSICS].** Issued by Akademii nauk Armianskoi SSR [Academy of Sciences of the Armenian S.S.R.]. Yerevan, vol. 1, no. 4, Dec. 1965.

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MIROVOI TSENTR DANNYKH B1. Katalog dannykh po raketam i sputnikam [WORLD DATA CENTER B1. Catalog of Data on Rockets and Satellites]. Moscow, Jan. - June 1964, publ. July 1964; July-Dec. 1964, publ. Mar. 1965.

REFERATIVNYI ZHURNAL: ASTRONOMIJA [JOURNAL OF ABSTRACTS: ASTRONOMY (Separate Issue 5)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.

VSESIOUZNOE ASTRONOMO-GEODEZICHESKOE OB-SHCHESTVO. Bulletin [ALL-UNION ASTRONOMICAL-GEODETIC SOCIETY. Bulletin]. Moscow, no. 37, 1965.

Table of contents translated:

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Table of contents translated:

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AKADEMIA NAUK SSSR. Izvestia. Seriya biologicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Biological Series]. Moscow, no.3, May-June 1966.

- Table of contents translated:
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AKADEMIA NAUK SSSR. Botanicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Botanical Institute. Transactions]. Ser.3. Geobotanika [Geobotany]. Moscow, no.17, 1965. Biology and ecology of plants in the virgin lands of Kazakhstan.

- Table of contents translated:
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AKADEMIA NAUK TURKMENSKOI SSR, Ashkhabad, Izvestia. Seriya biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Biological Sciences]. Ashkhabad, no.2, 1966.

- Table of contents translated:
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*BIOKHMIIA [BIOCHEMISTRY]. Published by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.31, no.2, Mar.-Apr.1966.

- Table of contents translated:
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BIOLOGIA V SHKOLE [BIOLOGY IN SCHOOLS]. Organ of Ministerstvo prosvetsheniya RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no.3, May-June 1966.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoyuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol.51, no.2, Feb. 1966.

- Table of contents translated:
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*FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.], issued by Vsesoyuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society], Moscow, vol. 50, no. 9, Sep. 1964.

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ISTS' SOCIETY, Transactions. Biological Section].
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- Table of contents translated:
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Botanicheskii Institut Akademii nauk SSSR [Botanical
Institute of the Academy of Sciences of the U.S.S.R.],
Moscow, no. 6, 1966. Plants of northern Siberia and
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- Table of contents translated:
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Issued by Institut nauchnoi informatsii Akademii nauk
SSSR [Institute of Scientific Information of the Acad-
emy of Sciences of the U.S.S.R.], Moscow, no. 6,
May 1966.

*TSITOLOGIA [CYTOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 4, July-Aug. 1964.

Table of contents translated:

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Issued by Institut zoologii Akademii nauk Moldavskoi SSR [Institute of Zoology of the Academy of Sciences of Moldavia]. Kishinev, no. 2, 1965.

Table of contents translated:

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ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENERAL BIOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 27, no. 3, May-June 1966.

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- *RUSSIA (1923 - U. S. S. R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; khimii i khimicheskoi tekhnologii (Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology).** Moscow, vol. 9, no. 1, 1966.
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- *USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 35, no. 5, May 1966.
- Table of contents translated:
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- *MAGNITNAIA GIDRODINAMIKA [MAGNETOHYDRODYNAMICS]. Issued by Akademiia nauk Latviskoi SSR [Academy of Sciences of the Latvian S.S.R.], Riga, no. 1, 1966.
- Table of contents translated:
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- *METEOROLOGIA I GIDROLOGIA [METEOROLOGY AND HYDROLOGY]. Issued by Glavnoe upravleniye gidrometeorologicheskoi sluzhby pri Soveto Ministrov SSSR [Main Administration of the Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.], Moscow, no. 6, May 1968.
- Table of contents translated:
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- MIROVOI TSENTR DANNYKH B1. Katalog dannykh po meteorologii i iadernoi radiatsii [WORLD DATA CENTER B1. Catalog of Meteorology and Nuclear Radiation Data]. Moscow, Jan., July 1965.
- *RUSSIA (1923- U.S.S.R.) Ministerstvo vysshago i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii; Fizika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Physics]. Moscow, vol. 9, no. 2, 1966.
- Table of contents translated:
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- *RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshago i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; radiofizika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Radio Physics]. Moscow, vol.9, no.2, 1966.
- Table of contents translated:
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- REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, Avtorskii ukazatel' za 1965 g. [Author Index for 1965]
- SREDNEAZIATSKI NAUCHNO-ISLEDOVATELSKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [CENTRAL ASIA HYDROMETEOROLOGICAL RESEARCH INSTITUTE, Transactions]. Leningrad, no.21(30), 1965. Problems of hydrology.
- Table of contents translated:
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- *ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol.50, no.4, Apr. 1966.
- Table of contents translated:
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- *ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI. Pis'ma v redaktsiya [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS. Letters to the Editors]. Issued as a supplement to the journal, Moscow, vol.3, no.9, May 1966.
- Table of contents translated:
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- Table of contents translated:
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14. MEDICINE

a. GENERAL

*AKADEMIYA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 21, no. 5, 1966.

- Table of contents translated:
- Golikov, S. N., and others. - Cholinesterase reactivators, a new class of pharmacological substances, p. 3.
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- Table of contents translated:
- Aliev, G. K., Mamedov, Z. M. - Role of Russian scientists in the formation and development of surgery in Azerbaijan, p. 8.
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- Table of contents translated:
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*BULLETENI EKSPERIMENTALNOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiya meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.], Moscow, vol. 58, no. 9, Sep. 1964.

- Table of contents translated:
- Gerasimov, V. D., Kostuk, P. G., Malskii, V. A. - Excitability of giant nerve cells of various representatives of pulmonate mollusks (*Helix pomatia*, *Limnaea stagnalis*, *Planorbis corneus*) in solutions free of sodium ions, p. 3.
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- Table of contents translated:
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- KARDIOLOGIYA [CARDIOLOGY].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 4, no. 2, Mar.-Apr. 1964. Table of contents translated:
- Chernogorov, I.A. - Treatment of arrhythmias. p.3.
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- Klitonenko, G.A., Sergeev, O.I. - Hydrocortisone metabolism and adrenocortical function in cardiac insufficiency. p.16.
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- (DNLM)
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- Meerson, F.Z. - Mechanism of hypertrophy and wearing out of the myocardium. p.3.
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- (DNLM)
- KLINICHESKAYA MEDITSINA [CLINICAL MEDICINE].** Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 46, no. 9, Sep. 1965; vol. 47, no. 5, May 1966. (DNLM)
- *MEDITSINSKAYA RADIOLOGIYA [MEDICAL RADIOLOGY].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 9, no. 4, Apr. 1964. Table of contents translated:
- Gamalela, A.N., and others. - Dosage field in mobile methods of gamma therapy of tumors of the cervical organs using a large focus skin distance. p.3.
- Stein, J.J. - Some observations on cancer in the U.S.A. and the use of megavolt therapy for its treatment. p.8.
- Tret'yakova, T.A. - Effect of radiotherapy of esophageal cancer on the course of pulmonary tuberculosis. p.17.
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- *MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 1, vol. 10, no. 5, May 1966. Razdel [Section] 2, vol. 10, no. 5, May 1966. Razdel [Section] 4, vol. 10, no. 5, May 1966.
- MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN].** Issued by Ministerstvo zdravookhraneniya and Akademii nauk UzSSR [Ministry of Health and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 3, Mar. 1966.
- PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 10, no. 2, Mar.-Apr. 1964. Table of contents translated:
- Chemistry and endocrinology. p.3.
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- Table of contents translated:
- Vlasov, P. V. - Excessive development of the gastric mucosa in gastric ulcer associated with gastritis. p. 3.
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- UROLOGIIA I NEFROLOGIIA [UROLOGY AND NEPHROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 3, 1965.
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ZDRAVOOKHRANENIE [HEALTH SERVICE]. Organ of Ministerstvo zdorovokhraneniia Moldavskoi SSR [Ministry of Health of the Moldavian S.S.R.]. Kishinev, vol. 9, no. 2, Mar-Apr. 1966.

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(DNLM)

ZDRAVOOKHRANENIE ROSSISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdorovokhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 10, no. 4, Apr. 1966.

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Table of contents translated:

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- PEDIATRIA, AKUSHERSTVO I GINEKOLOGIA [PEDIATRICS, OBSTETRICS, AND GYNECOLOGY]. Organ of Ministerstvo okhrony zdorov'ia S.S.R. [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 27, nos. 1-3, Jan-June 1966. (DNLM)
- VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MATERNAL AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 11, nos. 4-5, Apr. - May 1966.
- c. PATHOLOGY & THERAPEUTICS
- ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 28, no. 3, 1966.
- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
- Klimov, A. N., Lovtagina, T. N. - Biochemical foundations of the pathogenesis of atherosclerosis. p. 3.
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*PROBLEMY GEMATOLOGII I PERELIVANIYA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdoravokhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 11, no. 1, Jan. 1966.

- Table of contents translated:
- Belen'kil, D. N. - Some results and current problems of blood transfusion in the outpatient clinics of Moscow. p. 3.
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- Petrov, I. R., Bondina, V. A. - Pathogenesis and treatment of complications caused by transfusion of infected blood. p. 18.
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- VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHENNOI FIZICHESKOI KULTURY [PROBLEMS OF HEALTH RESORT THERAPY, PHYSICAL THERAPY, AND EXERCISE THERAPY]. Moscow, vol. 20, no. 5, Sep.-Oct. 1964.
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- f. PHARMACY & MATERIA MEDICA
- *ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 11, no. 4, Apr. 1966.
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- VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdorovokhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, no. 3, May-June 1966.
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- MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdorovokhraneniya RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 25, no. 6, June 1966.
- h. SURGERY & DENTISTRY
- GRUDNAYA KHIRURGIIA [THORACIC SURGERY]. Issued by Ministerstvo zdorovokhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 8, no. 2, Mar.-Apr. 1966.
- Table of contents translated:
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CHIRURGIA [SURGERY]. Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 42, no. 2, Feb. 1960.

- Table of contents translated:
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- Table of contents translated:
- Nikiforova, E. K. - Congenital dislocation of the hip. p. 3.

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VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Prigov [Prigov Surgical Society]. Leningrad, vol. 90, no. 4, Apr. 1960.

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- Vinogradov, V. V., Zaitsev, T. D. - Operational kinesiology of the biliary tract. p. 3.
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- Table of contents translated.
- Grashchenkov, N.I., and others. - Correlations between the hypothalamo-hypophyseal and adrenal system during the acute period of a cerebrocranial trauma, p.1.
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15. AGRICULTURE

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- Table of contents translated:
- Dmitrenko, P.A., Tomashvili, Z.A. - Effect of the various types of lime fertilizers on the fertility of the soil in the western forest-steppe of the Ukraine, p.3.
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- Table of contents translated:
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- KREST' IANKA [THE PEASANT WOMAN]**. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 5, May 1966.
- MEKHANIZATSIA I ELEKTRIFIKATSIA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST AGRICULTURE]**. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 24, no. 4, 1966.
- Table of contents translated:
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- MEZH DUNARODNYI SEL'SKOKHOZIAISTVENNYI ZHURNAL [INTERNATIONAL AGRICULTURAL JOURNAL]**. Issued by Postolannata komissia po sel'skonu khoziaistva Soveta ekonomicheskoi vzaimopomoshchi [Permanent Committee on Agriculture of the Council for Mutual Economic Assistance]. Moscow, vol. 10, no. 2, 1966.
- *POCHVOVEDENIE [SOIL SCIENCE]**. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, May 1966.
- Table of contents translated:
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- PUSHKIN, LENINGRADSKI SEL'SKOKHOZIAISTVENNYI INSTITUT. Zapiski [LENINGRAD AGRICULTURAL INSTITUTE. Annals]**. Leningrad, vol. 95, 1966. Protection of plants from diseases and pests.
- Table of contents translated:
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- Table of contents translated:
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- SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC].** Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 4-5, Apr.-May 1966.
- SEL'SKOE KHOZIAISTVO; sistematskii ukazatel' statoi v inostrannykh zhurnalakh [AGRICULTURE; Classified Index of Articles in Foreign Periodicals].** Issued by "Tsentr"nala nauchnala sel'skokhoziaistvennala biblioteka i Vsesoyuznala gosudarstvennala biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature]. Moscow, no. 3(121), 1966.
- SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA].** Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 14, no. 10(202), May 1966.
- SEL'SKOE KHOZIAISTVO ROSSII [AGRICULTURE OF RUSSIA].** Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Moscow, no. 6, June 1966.
- SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN].** Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi S.S.R.]. Dushanbe, vol. 20, no. 6, June 1966.
- SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN].** Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi S.S.R.]. Tashkent, no. 4, Apr. 1966.
- SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.].** Issued by "Tsentr"nala nauchnala sel'skokhoziaistvennala biblioteka [Central Agricultural Library]. Moscow, no. 4, 1966. Imennoi ukazatel' za 1966 g. [Index for 1966]
- TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE].** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 20, no. 4, Apr. 1966.
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- VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE].** Issued by Ministerstvo sel'skogo khoziaistva Kazakhskoi SSR [Ministry of Agriculture of the Kazakh S.S.R.]. Alma-Ata, vol. 9, no. 4, Apr. 1966.
- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- MOSCOW. MOSKOVSKAYA VETERINARNAYA AKADEMIYA. Trudy [MOSCOW VETERINARY MEDICINE ACADEMY. Transactions]. Vol. 10, 1956. Anatomy and surgery.
- Table of contents translated:
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- Table of contents translated:
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Contents: Podtignin, M.E. [Mathematical processing of agronomical and zootechnical observations; theoretical and practical sections] Matematicheskaia obrabotka agronomicheskikh i zootekhnicheskikh nabludeni; teoreticheskaya chast' i praktikum. 147 p.

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- RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Gosudarstvennyi komitet po rybnomu khozaystvu pri SNKh SSSR [State Committee for Fisheries, Attached to the Economic Council of the U.S.S.R.]. Moscow, vol. 42, no. 3, 1966.
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- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego speciat'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Forestry Journal].** Moscow, vol. 9, no. 1, 1968.
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- LEN I KONOPLIA [FLAX AND HEMP].** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 11(28), no. 5, 1966. (DNAL)
- SADOVODSTVO [HORTICULTURE].** Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 104, no. 5, May 1966. (DNAL)
- SELEKTSIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION].** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 31, no. 3, May-June 1966.
- ZASHCHITA RASTENII [PROTECTION OF PLANTS].** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Chekhov, vol. 11, no. 1, 1966.
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- Table of contents translated:
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***INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]**. Issued by Akademiya nauk SSSR [Academy of Sciences of the White Russian S.S.R.], Minsk, vol. 10, no. 5, May 1966.

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IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoyuznoe obshchestvo izobretatel' i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, no. 3(235), Mar. 1966.

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KISHINEV. POLITEKHINICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. No. 2, 1964. Technology and organization of construction work.

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- Table of contents translated:
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NOVYE KNIGI ZA RUBEZHOM. Seriya B: Tekhnika [NEW FOREIGN BOOKS. Series B: Technology].
Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature], Moscow, vol. 10, no. 5, May 1966.

OBZOR POL'SKOI TEKHNIЧЕСKOI LITERATURY. POLISH TECHNICAL ABSTRACTS. Issued by Centralny Instytut Informacji naukowo-technicznej i ekonomicznej [Central Institute of Scientific, Technical, and Economic Information], Warsaw, no. 4(69), 1965.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA].
Issued by Sovet narodnogo khoziaistva Armianskoi SSR [Economic Council of the Armenian S.S.R.], Yerevan, vol. 9, no. 2, Feb. 1966.

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- Table of contents translated:
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VOPROSY IZOBRETATEL'STVA [PROBLEMS OF INVENTION]. Issued by Tsentral'nyi nauchno-issledovatel'skii institut patentnoi informatsii i tekhniko-ekonomicheskikh issledovaniy [Central Scientific Research Institute of Patent Information and Technical Economic Studies]. Moscow, no. 3, Mar. 1966.

Table of contents translated:

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Table of contents translated:

- Kapitsa, P. - Science and the pace of our time. pp. 1, 3.
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***ZHURNAL TEKHNIЧЕСKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 35, no. 10, Oct. 1965.

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- Study of the bridge stage of electrode erosion when switching off currents of 1000 to 5000 amp. in a vacuum. p. 1848.
- Basharov, R., and others. - Study of cathode spots due to pulse discharges between parallel electrodes. p. 1853.
- Paderno, I. U. B., and others. - Thermionic emission from CeC_2 . p. 1860.
- Ionov, N. I., Mittsev, M. A. - Thermal dissociation of molecules of sodium chloride and sodium iodide on a tungsten surface. p. 1863.
- Gullacev, A. I. - Study of the vortex effect. p. 1869.
- Kritskan, S. M. - Theory of the volt-ampere characteristics of a column of nonsteady-state high-voltage arc discharge. p. 1882.
- Izmailov, S. V., Shul'man, G. A. - Theory of the periodic law in the case of high voltages. Part 1. p. 1889.
- Ekhichev, O. I., and others. - Mass-spectrometric study of a positive ion source operating under low gas pressure. p. 1897.
- Aleksin, V. F., Suprunenko, V. A. - Bremsstrahlung from a rigid target placed in a plasma. p. 1902.
- Krivko, N. I. - Measurement of a magnetic field on the surface of the superconductor Nb - Zr with the aid of the electron paramagnetic resonance line. p. 1906.
- Kagan, I. U. M., Milenin, V. M. - Radial dependence of the electron velocity distribution function in a positive discharge column. p. 1907.
- Gorodinski, G. M., Danaskinski, E. A., Romanov, A. M. - Recording of several particles in an acoustic spark chamber. p. 1910.

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Issued by Vsesoyuznoe dobrovol'noe obshchestvo sodel'stvia armii, aviatstii i fletu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 16, no. 4, Apr. 1965.

- Table of contents translated:
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- Table of all-Union aviation records as of January 1, 1965. Insert.

REFERATIVNYI ZHURNAL: RAKETOSTROENIE (Older - nyt vypusk 41) [JOURNAL OF ABSTRACTS: ROCKET BUILDING (Separate Issue 41)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, May 1966.

*RUSSIA (1923 - U. S. S. R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; aviatsonnaia tekhnika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Aviation Engineering]. Moscow, vol. 9, no. 1, 1966.

- Table of contents translated:
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- Table of contents translated:
- Gorshkov, I. I., Moliseva, V. K., Manevich, E. S. - Secure a continuous growth of labor productivity in the hydrolysis industry. p. 1.
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- Table of contents translated:
- Chemist's Day, p. 2.
- Gostev, M. M., and others. - Oil-extended stereoregular cis-1,4-butadiene rubber, p. 3.
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- KHIMICHESKAYA PROMYSHLENNOST' [CHEMICAL INDUSTRIES].** Organ of Gosudarstvennyi komitet khimicheskoi i neftegaznoy promyshlennosti pri Gosplane SSSR [State Committee for the Chemical and Petroleum Industry, Attached to the State Planning Committee of the U.S.S.R.], Moscow, vol. 42, no. 5, May 1966.
- Table of contents translated:
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- KHIMICHESKIE VOLOKNA [SYNTHETIC FIBERS].** Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R.], Moscow, no. 3, 1966.
- Table of contents translated:
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- Kostina, T. F., Zverev, M. P. - Effect of the thickness of polypropylene fibers on the temperature of brittleness, p. 11.
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- *KHIMICHESKOE I NEFTIANOE MASHINOSTROENIE [CHEMICAL AND PETROLEUM MACHINERY MANUFACTURE].** Organ of Gosudarstvennyi komitet khimicheskoi i neftegaznoy promyshlennosti pri Gosplane SSSR [State Committee of the Chemical and Petroleum Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R.], Moscow, no. 3, Mar, 1966.
- Table of contents translated:
- Salomatin, G. A. - Determining the cylindrical stiffness of plates with checked perforation, p. 1.
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- Vlasov, P. V., Molokanov, A. V. - Investigating the fluid-tightness of pipes from glass reinforced plastics, p. 10.
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- KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE].** Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya USSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.], Kiev, no. 2, 1965.
- Processes, machinery, apparatus, and automation of chemical industries.
- Table of contents translated:
- Pertsav, L. P., Dolinskii, V. M. - Design for strength of tube joints, p. 3.

- Shkurupli, G. I., Mamon, L. I., Lokshin, M. A. - Criterion equations for the design of contact packing glands. p. 9.
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- Table of contents translated:
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- NEFTEKHIMIYA [PETROCHEMISTRY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 6, Nov.-Dec. 1964.
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- *PLASTICHESKIE MASSY [PLASTICS].** Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 5, 1966. Table of contents translated: Sumolov, S. M., and others. - Copolymerization of ethylene with ethyl acrylate by continuous process under pressure. p. 3. Botnikov, M. I., and others. - Polymerization of ethylene at high pressure in a tubular reactor. p. 6. Glazunova, N. A., Maslova, I. P., Kochina, V. M. - Ultraviolet absorbers, light stabilizers and light thermostabilizers of polyvinyl chlorides and their copolymers. p. 9. Potilakov, I. U., Tarakanov, O. G. - Effect of solvents on the mechanical properties of elastic foam polyurethanes. p. 13. Zaslavskii, N. N., Iazon, Z. P., Volkov, B. V. - Exothermal nature of the setting of some binding agents for glass plastics. p. 15. Ponomareva, T. I., Krasovskaya, T. A., Sobolevskii, M. V. - Effect of aromatic group positions on the characteristics of liquid polyorganosiloxanes. p. 18. Vorob'eva, N. V., Levin, A. N. - Continuous polycondensation of organosiloxanes in the production of heat-resistant lacquers. p. 20. Voichek, I. S., and others. - Automatic proportioning of catalysts in the continuous production of phenol-formaldehyde resins. p. 25. Verkhorubov, B. A. - Automation of ethylene polymerization under low pressure. p. 27. Bitumental', M. G., and others. - Stretch forming of sheets during extrusion. p. 29. Volk, A. I., and others. - Effect of some initiating systems on the setting of binders of sheet glass plastics. p. 32. Sapozhnikov, V. N. - Moldability of sheets made from polymer-monomer compositions. p. 34. Chupiygina, E. K., Molokanov, I. U. K. - Effect of the coating conditions on the process of zone melting. p. 35. Melent'ev, I. U., Tager, A. A., Semukhina, A. A. - Rheological and technological properties of polyethylene melts. p. 39. Smirnov, O. V., Erofeeva, S. B. - Some properties of chlorine-containing polycarbonates. p. 43. Erlikh, I. M., Apukhtina, N. P., Rapoport, I. A. - Dielectric properties of polyethyleneadipateurethane. p. 47.
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- *ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 38, no. 8, Aug. 1965. Table of contents translated: Mukhlenov, I. P., Filatov, I. V., Protopyova, E. A. - Oxidation of concentrated sulfur dioxide in a fluidized bed of a wear-resistant vanadium catalyst. p. 1649. Pinaev, V. A., Pletina, N. P. - Sulfurous anhydride pressure over magnesium bisulfite and magnesium sulfate solutions not saturated with sulfite. p. 1652. Shmeerson, A. L. - Studying the formation process of 75 to 90% HNO₃. p. 1659. Sazhin, V. S., and others. - Formation conditions and some of the physicochemical properties of sodium-calcium aluminosilicate hydrate. p. 1663.
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- Samolov, S. M., Kotlarskii, I. L., Andrievskii, V. N. - Certain features of noncatalytic oxidation of ethane with the recycling of gases and the role of ethylene oxide as an intermediate product in this process. p. 1830.
- Kovtun, I. A., and others. - Studying the effect of certain stabilizers on the concentrate of ethyl esters of polyunsaturated acids. p. 1836.
- Seliakh, I. V., Podlivena, M. P. - Development of a method for preparing "endotal," a sodium salt of 3,6-endoxohexahydrophthalic acid. p. 1842.
- Rikhter, N. E., Aktin, G. L., Nikitin, V. M. - Comparison of the Szabolcs and hydroxylamine methods for determining small quantities of carbonyl groups in viscose celluloses. p. 1848.
- Sharkov, V. I., Kaibina, N. I., Solov'ova, I. U. P. - Isolation and study of acetylated xylooligosaccharides. p. 1854.
- Toropov, N. A., Rumantsev, P. F. - Kinetics of dissolution of dicalcium silicate in the liquid phase of cement clinker. p. 1858.
- Toropov, N. A., Rumantsev, P. F. - Kinetics of dissolution of tricalcium silicate in the liquid phase of cement clinker. p. 1860.
- Riabova, L. A., Gerasimova, E. A., Savitskaya, I. A. S. - Preparation of thin aluminum oxide films. p. 1862.
- Riabova, L. A., Savitskaya, I. A. S., Shofmal', R. N. - Preparation and study of indium oxide films. p. 1863.
- Bernstein, V. A., Matsenok, E. A. - Solubility of Na₂CO₃ in aluminate-alkali solutions at 250 and 300°C. p. 1866.

- D'takenov, V.I., Popel', S.I. - Studying the rate of silica reduction with carbon dissolved in iron. p. 1868.
- Kirgintsev, A.N., Sokolov, V.M. - Formation of magnetic in magnetic apparatus. p. 1871.
- TSimman, A.I., Kuzab, V.S. - Corrosion of stainless steels in dicarboxylic acid melts. p. 1872.
- Mashovets, V.P., Puchkov, L.V. - Pressure of magnesium vapor over liquid alloys in the system magnesium - lithium. p. 1875.
- Isagulants, V.I., Evtaf'ev, V.P., Eroshova, L.I. - Condensation of phenol with allyl alcohol and propionic aldehyde on the KU-2 cation-exchange resin. p. 1878.
- Isagulants, V.I., Fedorova, R.I. - Dehydration of terpin hydrate in the presence of the KU-1 and KU-2 ion-exchange resins and sulfolcarbon. p. 1880.
- Kalina, T.I., Tofina, N.A. - Use of cellulose for the sorption of zirconium from diluted solutions (qualitative determination). p. 1882.
- Lobusevich, N.P., and others. - Effect of sulfuric anhydride on the synthesis of methylchlorosilanes. p. 1884.
- Lobusevich, N.P., and others. - Effect of methylene chloride and vinyl chloride on the synthesis of methylchlorosilanes. p. 1887.
- Khomakov, V.G., Fioshin, M.I.A., Avrutskaya, I.A. - Electroreduction of nitrocyclohexane on a platinum cathode. p. 1889.
- Kologrivova, N.E. - Conversion of dl-menthol stereoisomers to dl-menthol. p. 1893.
- Korzhavin, L.N., and others. - Microunit for determining the fiber-forming capacity of new polymers. p. 1894.

4. CIVIL & CONSTRUCTION ENGINEERING

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction in the U.S.S.R.]. Moscow, vol. 12, no. 3, Mar. 1966.

Table of contents translated:

- Greeting the 23rd Congress of the Communist Party of the Soviet Union. p. 1.
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- Abasov, R.U. - Crack resistance of precast prestressed reinforced concrete tanks. p. 7.
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- Balkov, V.N. - Improving the curriculum for the course on "Reinforced concrete, concrete, and masonry elements" for students majoring in "Industrial construction and civil engineering." p. 43.
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- Special motor vehicles for the transportation of reinforced concrete elements. p. 47.

BULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction of the U.S.S.R.]. Moscow, vol. 27, no. 3, Mar. 1965.

Table of contents translated:

- Standardized sections for temporary buildings and structures. p. 1.
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Lenchevskii, I.U.S. - All-Union Conference on the Application of Modern Physics to Construction. p. 46.

List of normative documents on design and construction approved by the State Committee on Construction of the Council of Ministers of the U.S.S.R. in the fourth quarter of 1964. p. 3 of cover.

List of normative documents on design and construction annulled by the State Committee on Construction of the Council of Ministers of the U.S.S.R. in the fourth quarter of 1964. p. 3 of cover.

LENINGRAD, INZHENERNO-STROITEL'NYI INSTITUT. Sbornik trudov [CIVIL ENGINEERING INSTITUTE. Papers]. No. 46, 1965. Studies on reinforced concrete elements.

Table of contents translated:

- Paylov, A.P. - Calculation of reinforced concrete cylindrical shells. p. 5.
- Pokrovskii, I.U.N. - Study of the rigidity and strength of prestressed beams reinforced with high-strength wire. p. 35.
- Svirin, N.F., Shorshnev, G.N. - Study of the elements of a precast reinforced-concrete cooling tower. p. 49.
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MEKHANIZATSIYA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva i Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific and Technological Society of the Construction Industry]. Moscow, vol. 22, no. 4, Apr. 1965.

Table of contents translated:

- Shepotev, A.I. - Automation and radioelectronics in the construction industry. p. 2 of cover.
- Desov, A.E., Korolev, K.M. - Precision in weighing materials by automatic measuring devices. p. 5.
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MOSCOW, GOSUDARSTVENNYI VSEOBUZNYI NAUCHNO-ISLEDOVATELSKII INSTITUT STROITEL'NYKH MATERIALOV I KONSTRUKTSII. Sbornik trudov [STATE ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF BUILDING MATERIALS AND STRUCTURES. Papers]. No. 4(32), 1965.

Table of contents translated:

- Zil'berfarb, P.M. - Effect of the degree of fine dispersion on the properties of lime concrete prepared according to various systems. p. 3.
- Shvartszaid, M.S., Leon'ev, E.N. - Some problems of the technology of heavy lime concrete. p. 23.
- Krasnova, G.V., Rogacheva, O.I. - Corrosion resistance of the reinforcement in autoclave concrete with binders of the slag of nonferrous metallurgy. p. 33.
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- Buti, I.U.M., Khavkina, L.M., Chervinskaya, R.L. - Study of some properties of sand-lime stone of lime concrete. p. 241.

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Table of contents translated:

- Budnikov, P. P., Kolesnikov, E. A. - Mathematical statistics applied to the study of the temperature interval of the expansion of fusible clay. p. 3.
- Buz, M. A. - Criteria of crack formation during the drying of ceramic materials. p. 13.
- Poinkovskaya, A. I., and others. - Using statistical probability evaluations in the analysis of the relation of the quality of keramzit to the quality of the preparation of a clay mass. p. 20.
- Lifshits, A. V., Sheinman, E. Sh. - Study of the performance of rotary kilns with supporting rings during the production of keramzit. p. 38.
- Vinogradov, B. N., Vrublevskii, L. E. - Study of the expansion process of clay shale of Western Siberia during rapid roasting. p. 40.
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MOSCOW, VSEIOUZNYI PROEKTNO-IZYSKATELSKII I NAUCHNO-ISLEDovATELSKII INSTITUT GIDROPROEKT IMENI S. IA. ZHUK. Leningradskoe otделение. Trudy [S. IA. ZHUK ALL-UNION PLANNING AND RESEARCH INSTITUTE GIDROPROEKT. Leningrad Department, Transactions]. Vol. 2, 1965.

Table of contents translated:

- Prochukhan, D. P. - Significance of active faults for hydrotechnical construction. p. 5.
- Lomtadze, V. D. - General principles of the study and classification of rocks in engineering geology. p. 23.
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NA STROIKAKII ROSSII [AT RUSSIAN CONSTRUCTION PROJECTS]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R. for Construction]. Moscow, vol. 7, no. 4, Apr. 1966.

Table of contents translated:

- Vishnevskii, A. - Honorable duty of builders. p. 1.
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***OSNOVANIYA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS].** Issued by Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no. 3, 1966.

Table of contents translated:

- Vinok, S. S. - Problems in the deformability of cohesive soils. p. 1.
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- Lomtze, G. M., Kryzhanovskii, A. L. - Basic relations of the stressed state and the stability of sandy soils. p. 8.
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POZHARNAYA TEKHNIKA [FIRE FIGHTING EQUIPMENT]. Issued by Tsentral'nyi nauchno-isledovatel'skii institut protivopozharnoi oborony MOOP RSFSR [Central Scientific Research Institute of Fire Fighting of the Ministry for the Protection of Public Order of the R.S.F.S.R.]. Moscow, no. 6, 1965.

Table of contents translated:

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Table of contents translated:

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SANITARNAYA OKHRAONA VODOEMOV OT ZAGRYAZNENIYA PROMYSLIENNYMI STOCHNYMI VODAMI [SANITARY PROTECTION OF RESERVOIRS FROM POLLUTION BY INDUSTRIAL WASTES]. Moscow, no. 7, 1965.

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ENERGETIK [ELECTRIC POWER TECHNICIAN]. Issued by Ministerstvo energetiki i elektrifikatsii SSSR and Tsentral'nyi komitet Profsoyuzov rabochikh elektrostani i elektropromyshlennosti [Ministry of Power and Electrification of the U.S.S.R. and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol. 14, no. 5, May 1965.

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RADIO. Organ of Ministerstvo svyazi SSSR and Vsesoyuznoe dobrovol'noe obshchestvo sodel'stviya armii, aviatsetli i floti [Ministry of Communication of the U.S.S.R. and the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 12, Dec. 1965.

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*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 11, no. 5, May 1966.

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RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vyssheikh uchebnykh zavedenii; elektrotekhnika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]. Novosibirsk, vol. 9, no. 4, 1966.

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*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vyssheikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Radio Engineering]. Moscow, vol. 9, no. 2, Mar.-Apr. 1966.

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I. INDUSTRIES & TRADES

*AKADEMIA NAUK USSR, Kiev, Institut elektrozvarivannia, Avtomaticheskaya svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding, Automatic Welding]. Kiev, vol. 10, no. 4 (1977), Apr. 1966.

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*DEREVOOBRABATYVASHCHAYA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Issued by Gosudarstvennyi komitet po lesnoi, tsellulozno-bumazhnoi, derevoobrabatyvushcheli promyshlennosti i lesnomu khoziaistvu pri Gosplane SSSR and Tsentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvushcheli promyshlennosti [State Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 14, no. 3, Mar. 1965.

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LISOVA, PAPEROVA I DEREVOOBRABNA PROMYSLOVIST' [FOREST, PAPER, AND WOODWORKING INDUSTRY]. Issued by Respublikanski naukovotekhnicheski tovarystva papirovot i derevoobrobnot i lisovoi promyslovosti i lisovoho hospodarstva [Republican Scientific Technological Societies of Paper and Woodworking Industries and Forestry]. Kiev, no. 2 (20), Mar.-Apr. 1966.

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OBSHCHESTVENNOE EPIIT ICE]. Issued by Gosplan Ministrov SSSR (for Council of Ministers of Moscow, no. 6, June 1966).

REFERATIVNYI ZHURNAL NOST' [JOURNAL OF TRY]. Issued by Institut nauk SSSR [Institute of the Academy of Science no. 5, May 1966].

*RUSSIA (1923 - U.S.S.R.) srednego spetsial'nogo uchebnykh zavodov: 16 lennost' [Ministry of Education, Bulletin of Engineering Technology of the no. 2 (51), 1966].

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Table of contents translated:

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- Table of contents translated:
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*FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV [PHYSICOCHEMICAL MECHANICS OF MATERIALS]. Issued by Otdelenie fiziko-tekhnicheskikh problem materialovedeniya Akademii nauk Ukrainy SSSR [Department of the Physicochemical Problems of the Study of Materials of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 1, no. 6, 1965.

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Issued by Otdeleniye matematiki, mekhaniki i kibernetiki Akademii nauk Ukrainy SSSR [Department of Mathematics, Mechanics, and Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 2, no. 5, 1966.
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Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966. [This journal is also issued in parts]
- REFERATIVNYI ZHURNAL: PROMYSHLENNYI TRANSPORT [JOURNAL OF ABSTRACTS: INDUSTRIAL TRANSPORTATION].
Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966. [This journal is also issued in parts.]
- REFERATIVNYI ZHURNAL: STROITEL'NYE I DOROZHNIYE MASHINY (Otdel'nyi vypusk 60) [JOURNAL OF ABSTRACTS: CONSTRUCTION EQUIPMENT AND ROAD MACHINERY (Separate Issue 60)].
Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedeniy mashinostroyeniya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Machinery Manufacture]. Moscow, no. 11, 1964.
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- *RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Instrument Manufacture]. Moscow, vol. 9, no. 2, 1966.**
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*STANKI I INSTRUMENT [MACHINE TOOLS AND CUTTING TOOLS]. Organ of Gosudarstvennyi komitet po mashinostroyeniю pri Gosplane SSSR i Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva mashinostroyitel'noi promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 37, no. 5, May 1966.

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ZA RULEM [AT THE WHEEL]. Issued by Vsesoyuznoe dobrovol'noe obshchestvo sokratsiya armii, aviatst i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 6, June 1966.

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*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND METALLOGRAPHY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 21, no. 4, Apr. 1966.

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***GEOLOGIA NEFTI I GAZA [THE GEOLOGY OF PETROLEUM AND GAS]** Organ of Gosudarstvennyi geologicheskii komitet SSSR and Gosudarstvennyi proizvodstvennyi komitet po gazovoi promyshlennosti SSSR [State Geological Committee of the U.S.S.R. and the State Production Committee for the Gas Industry of the U.S.S.R.]. Moscow, vol. 10, no. 5, May 1966.

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LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATELSKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 245, 1966.

Contents: Dedeev, V. A., and others. [Geology and prospects for finding oil and gas in the northern part of the Timan-Pechora area] Geologiya i prospektivnyy neftegazozonirovaniye severnoi chasti Timana i Pechory oblasti. 272 p.

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***LITENOE PROIZVODSTVO [FOUNDRY PRACTICE]** Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.], and others. Moscow, no. 2, Feb. 1964.

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MASHINY I NEFTIANOE OROUDOVANIE [MACHINERY AND PETROLEUM EQUIPMENT]. Issued by Gosudarstvennyi komitet po toplivnoi promyshlennosti pri Gosplane SSSR i Tsentrallyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy po neftnoi i gazovoi promyshlennosti [State Committee for the Fuel Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Scientific Research Institute of Information and Technological-Economic Studies on the Petroleum and Gas Industry], Moscow, no. 4, 1966.

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*METALLURG [METALLURGIST]. Issued by Gosudarstvennyi komitet po chernoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.], and others. Moscow, vol. 11, no. 5, May 1966.

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METODY IZUCHENIYA VESHCHESTVENNOGO SOSTAVA I IKH PRIMENENIYE [METHODS FOR THE STUDY OF THE COMPOSITION OF SUBSTANCES AND THEIR APPLICATION]. Issued by Institut fiziko-khimicheskikh osnov pererabotki mineral'nogo syr'ya [Institute of Physicochemical Principles of the Processing of Mineral Raw Materials], Novosibirsk, no. 1, 1965.

- Table of contents translated:
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- Khrustoforov, B. S., and others. - Behavior of the forms of copper during the dressing of Nikolayevskoye deposit ores, p. 20.
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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*REFERATIVNYI ZHURNAL: METALLURGIYA [JOURNAL OF ABSTRACTS: METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 2, Feb. 1966.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshih uchebnykh zavedeniy: Chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning: Ferrous Metallurgy]. Moscow, vol. 9, no. 5, 1965.

- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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*ZAVODSKAYA LABORATORIYA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi komitet po khimii i isvetnoi metallurgii pri Gosplane SSSR and Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R., and the State Committee for the Coordination of Research in the U.S.S.R.]. Moscow, vol. 32, no. 1, 1966.

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NASHI VESTI [OUR NEWS]. Published by Soluz chinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol.22, no.230, May 1966.

RODIMYI KRAI [NATIVE LAND]. Issued by Donskoe voiskovoe ob'edinenie [Don Cossack Association]. Paris, no.63, Mar.-Apr. 1966.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol.47, no.18(1038) Sep. 1965.

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TEKHNIKA I VOORUZHENIE [TECHNOLOGY AND ARMAMENTS]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no.7, July 1965.

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KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol.47, no.10, May 1966.

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 ESTNIK Pervopokhodnika [HERALD OF THE FIRST
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 skogo obshchestva uchastnikov 1-go Kubanskogo ge-
 neral'a Kornilova pokhoda [Administration of the
 California Association of Veterans of General Kornilov's
 First Kuban Campaign]. Los Angeles, no. 49, Oct. 1966;
 no. 55/56, Apr.-May 1966.

VESTNIK PROTIVOVVOZDUSHNOI OBORONY [AIR DE-
 FENSE REVIEW]. Published by Voennoe izdatel'stvo
 Ministerstva oborony SSSR [Military Publishing
 House of the Ministry of Defense of the U.S.S.R.],
 Moscow, no. 5, May 1966.

- Table of contents translated:
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VISTI KOMBATANTA. VETERANS' NEWS. Issued by
 United Ukrainian War Veterans in America and others.
 New York, no. 1(22), 1966.

b. NAVAL SCIENCE

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISLEDKOVA-
 TEL'SKII INSTITUT MORSKOGO FLOTA. Informa-
 tsionnyi sbornik [CENTRAL SCIENTIFIC RESEARCH
 INSTITUTE OF THE MERCHANT MARINE. Informa-
 tion Bulletin]. No. 146, 1966. Sudovozhdeniye i svyaz'
 [Navigation and Communications], no. 33. Methods
 and means of navigation and communication.

- Table of contents translated:
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No. 151, 1966. Tekhnicheskaya ekspluatatsiya morskogo
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 Automation and mechanization on ships of the foreign
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- Table of contents translated:
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LENINGRAD. TSENTRAL'NYI NAUCHNO-ISLEDKOVA-
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 [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF
 THE MERCHANT MARINE. Transactions]. No. 66,
 1965. Technical operation of the merchant marine.

- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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MORSKOI SBOBNIK; zhurnal Voenno-Morskogo Flota SSSR [NAVAL REVIEW; Magazine of the Soviet Navy], Vol. 49(119), no. 5, May 1966.

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RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet]. Moscow, vol. 23, no. 2, Feb. 1964.

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 Svelokuzov, E.I. - Conference of the Technical Committee No. 18 of the International Commission of Electric Engineering. p. 83.
 Kirillov, S.I. - Beginning of shipbuilding in the north. p. 84.

PART C

List of Periodicals Indexed and Abbreviations Used

†Titles listed for the first time

Agitator (6)	Agitator [Agitator]	Biul. Verkh. Suda RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sud, Biulleten' [Supreme Court, Bulletin]
Agrokhl'mia (15a)	Agrokhl'mia [Agrochemistry]	Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Alg. i log. (13e)	Akademii nauk SSSR, Sibirskoe otdeleniye, Seminar algebrы i logiki. Algebra i logika [Academy of Sciences of the U. S. S. R., Siberian Department, Seminar of Algebra and Logic, Algebra and Logic]	Brat. vest. (3b)	Bratskii vestnik [Herald of Brotherhood]
Alum. splavy (16h)	Aluminiyevye splavy [Aluminum Alloys]	Bukhg. uch. (5a)	Bukhgalterskii uch. [Accounting]
Antibiotiki (14f)	Antibiotiki [Antibiotics]	Defektoskopiya (18a)	Defektoskopiya [Defectoscopy]
Ap. delo (14f)	Apteknoe delo [Pharmacy]	Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Arkh. pat. (14e)	Arkhiv patologii [Archives of Pathology]	Der. prom. (16f)	Derevoobrabatyvayushchaya promyshlennost' [Woodworking Industry]
Arkh. SSSR (10b)	Arkhitektura SSSR [Architecture of the U. S. S. R.]	Dif. urav. (13e)	Differentsial'nye uravneniya [Differential Equations]
Astrofizika (13b)	Astrofizika [Astrophysics]	Dokl. AN Azerb. SSR (13a)	Akademii nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S. S. R. Reports]
Av. prom. (10g)	Avtomobil'naya promyshlennost' [Automobile Industry]	Dokl. AN BSSR (13a)	Akademii nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S. S. R. Reports]
Av. svar. (16f)	Akademii nauk URSS, Kiev. Institut elektrozvarivaniya. Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S. S. R. Institute of Electric Welding. Automatic Welding]	Dokl. AN SSSR (13a)	Akademii nauk SSSR. Doklady [Academy of Sciences of the U. S. S. R. Reports]
Av. i telem. i svyaz' (16e)	Avtomatika, telemekhanika i svyaz' [Automatic Control, Remote Control, and Communications]	Dokl. AN Tadz. SSR (1a)	Akademii nauk Tadzhibskoi SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S. S. R. Reports]
Av. avtomatiz. proizv. prots. v mashinostro. i prib. (10g)	Avtomatizatsiya proizvodstvennykh protsessov v mashinostroenii i priborostroenii [Automation of Industrial Processes in Machinery and Instrument Manufacture]	Dop. AN URSS (13a)	Akademii nauk URSS, Kiev. Dopovidy [Academy of Sciences of the Ukrainian S. S. R. Reports]
Av. metro-	Aviometria [Autometry]	Doshk. vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
tr. (16g)		Ek. i mat. metod. (5b)	Ekonomika i matematicheskie metody [Economics and Mathematical Methods]
Azerb. med. zhur. (14a)	Azerbaidzhan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]	Ek. i zhizn' (5b)	Ekonomika i zhizn' [Economics and Life]
Azerb. naft. khoz. (16h)	Azerbaidzhanskoe neftyanoe khozaistvo [Azerbaijan Petroleum Industry]	Ek. Rad. Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]
Bot. i zhol.-bot. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]	Ekspl. - tekhn. svois. i prim. avt. top. i maz. mat. i spets. zhid. (16g)	Ekspluatatsionno-tekhnicheskie svoistva i primeneniye avtomobil'nykh topliv, smazochnykh materialov i spetsial'nykh mazok [Operating and Technical Characteristics and the Use of Motor-Vehicle Fuels, Lubricants and Special-Purpose Liquids]
Bibliol. SSSR (2b)	Biblioteki SSSR [Libraries of the U. S. S. R.]	Elek. i topl. tuga (16g)	Elektricheskaya i teplovyye tuga [Electric and Diesel Locomotive Traction]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Elek. sta. (16e)	Elektricheskie stantsii [Electric Power Stations]
Biokhl'mia (13c)	Biokhl'mia [Biochemistry]	Elektrichestvo (16e)	Elektrichestvo [Electricity]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Elektrokhim. (13d)	Elektrokhim. [Electrochemistry]
Biul. Glav. bot. suda (13c)	Moscow. Glavnyi botanicheskii sad, Biulleten' [Main Botanical Garden, Bulletin]	Elektrosvyaz' (16e)	Elektrosvyaz' [Telecommunication]
Biul. Ispol. kom. Mosk. gor. sov. (6)	Moscow. Ispolnitel'nyi komitet, Biulleten' [Executive Committee, Bulletin]	Energ. stroi. (16e)	Energeticheskoe stroitel'stvo [Power Construction]
Biul. Kom. chetv. per. (12e)	Akademii nauk SSSR. Komissiya po izucheniiu chetvertichnogo perioda. Biulleten' [Academy of Sciences of the U. S. S. R. Commission for the Study of the Quaternary Period. Bulletin]	Energetik (16e)	Energetik [Electric Power Technician]
Biul. mezhdunar. nauch. s"ezd., konf. i kongr. (1a)	Biulleten' mezhdunarodnykh nauchnykh s"ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]	Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozheniye k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
Biul. Min. vys. i sred. spets. obr. SSSR (8a)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]	Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]	Farm. i toks. (14f)	Farmakologiya i toksikologiya [Pharmacology and Toxicology]
Biul. stroi. tekhn. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]	Farmats. zhur. (14f)	Farmatsyevykh zhurnal [Pharmaceutical Journal]
Biul. VAGO (13b)	Vsesoiuznoe astronomo-geodacheskoe obshchestvo, Biulleten' [All-Union Astronomical-Geodetic Society, Bulletin]	Filos. probl. such. prirod. (13a)	Filosofskii problemy suchasnoho prirodoznaniya [Philosophical Problems of the Natural Sciences]
		Fiz.-khim. mekh. mat. (16g)	Fiziko-khimicheskaya mekhanika materialov [Physicochemical Mechanics of Materials]

Fiz. met. i metallovod. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Metallography]	Izv. AN Kazakh. SSR. Ser. biol. nauk (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestia. Seriya biologicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in the Biological Sciences]
Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]	Izv. AN Kazakh. SSR. Ser. geol. (12c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestia. Seriya geologicheskaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Geological Series]
Fiziol. rast. (13c)	Fiziologiya rastenii [Physiology of Plants]	Izv. AN Kazakh. SSR. Ser. obshchestv. (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestia. Seriya obshchestvennaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Social Sciences Series]
Fiziol. zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]	Izv. AN SSSR. Fiz. zem. (13f)	Akademii nauk SSSR. Izvestia. Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin. Physics of the Earth]
Geod. i kart. (16a)	Geodeziya i kartografiya [Geodesy and Cartography]	Izv. AN SSSR. Ser. biol. (13c)	Akademii nauk SSSR. Izvestia. Seriya biologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series]
Geokhimiya (12c)	Geokhimiya [Geochemistry]	Izv. AN SSSR. Ser. geol. (12c)	Akademii nauk SSSR. Izvestia. Seriya geologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]	Izv. AN Turk. SSR. Ser. biol. nauk (13c)	Akademii nauk Turkmen'skoi SSR, Ashkhabad. Izvestia. Seriya biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
Geol. nefti i gaza (16h)	Geologiya nefti i gaza [The Geology of Petroleum and Gas]	Izv. AN Turk. SSR. Ser. obshchestv. nauk (1a)	Akademii nauk Turkmen'skoi SSR, Ashkhabad. Izvestia. Seriya obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Social Sciences]
Geol. rud. mestorozh. (16h)	Geologiya rudnykh mestorozhdenii [Geology of Ore Deposits]	Izv. APN (8a)	Akademii pedagogicheskikh nauk RSFSR, Moscow. Izvestia [Academy of Pedagogical Sciences of the R. S. F. S. R. Bulletin]
Geol. zhur. (12c)	Geologicheskii zhurnal [Geological Journal]	Izv. SO AN SSSR. Ser. obshchestv. nauk (1a)	Akademii nauk SSSR. Sibirskoe otdelenie. Izvestia. Seriya obshchestvennykh nauk [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin. Series in the Social Sciences]
Gidr. i mel. (15a)	Gidrotekhnika i melioratsiya [Hydraulic Engineering and Reclamation]	Izv. vys. ucheb. zav.; av. tekhn. (16b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshiikh uchebnykh zavedenii; aviatsionnaya tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering]
Gidrobiol. zhur. (13c)	Gidrobiologicheskii zhurnal [Hydrobiological Journal]	Izv. vys. ucheb. zav.; Chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshiikh uchebnykh zavedenii; Chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]
Gidroliz. i lesokhim. prom. (16c)	Gidrolizatsiya i lesokhimiya [Hydrolysis and Wood Chemistry Industry]	Izv. vys. ucheb. zav.; elektromekhn. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshiikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]	Izv. vys. ucheb. zav.; fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshiikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]
Grazhd. av. (16b)	Grazhdanskaya aviatsiya [Civil Aviation]	Izv. vys. ucheb. zav.; geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshiikh uchebnykh zavedenii; geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
Grud. khir. (14h)	Grudnaya khirurgiya [Thoracic Surgery]	Izv. vys. ucheb. zav.; gor. zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshiikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]
Inform. biul. VDNKH (16a)	Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Informatsionnyi buleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]	Izv. vys. ucheb. zav.; khim. i khim. tekhn. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshiikh uchebnykh zavedenii; khimiya i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]
Inform. sbor. TSNIMF. Sudovozh. i aviaz. (17b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik. Sudovozhdenie i aviaz. [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Navigation and Communications]	Izv. vys. ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshiikh uchebnykh zavedenii; mashinostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machinery Manufacture]
Inform. sbor. TSNIMF. Tekhn. ekspl. mor. flota (17b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik. Tekhnicheskaya ekspluatatsiya morskogo flota [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Technical Operation of Merchant Ships]		
Inform. spis. dram. proizved. (9c)	Soizuz pisatelei SSSR. Vsesoluznoe upravlenie po okhrane avtorskikh prav. Informatsionnyi spisok dramaticheskikh proizvedenii [Association of Writers of the U.S.S.R. All-Union Administration for the Protection of Authors' Rights. Information Index of Dramatic Works]		
Inform. ukaz. bibl. spis. i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spisokov i kartotek, sostavlenykh bibliotekami Sovetskogo Soyuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]		
Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]		
Inzh. -fiz. zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]		
Izobr. i rats. (16a)	Izobretenii i ratsionalizator [Inventor and Efficiency Promoter]		
Izobr. , prom. obraz. , tov. znak. (16a)	Izobreteniya, promyshlennyye obraztsy, tovarnye znaki [Inventions, Industrial Samples, Trademarks]		
Izv. AN Arm. SSR. Khim. nauki (13d)	Akademii nauk Armianskoi SSR, Erivan. Izvestia. Khimicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Chemical Sciences]		
Izv. AN Arm. SSR. Nauki o zem. (12c)	Akademii nauk Armianskoi SSR, Erivan. Izvestia. Nauki o zemle [Academy of Sciences of the Armenian S.S.R. Bulletin. Earth Sciences]		
Izv. AN Azerb. SSR. Ser. geol. -geog. nauk (12c)	Akademii nauk Azerbaidzhanskoi SSR, Baku. Izvestia. Seriya geologicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Geological and Geographical Sciences]		
Izv. AN Azerb. SSR. Ser. obshchestv. nauk (1a)	Akademii nauk Azerbaidzhanskoi SSR, Baku. Izvestia. Seriya obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences]		
Izv. AN Est. SSR. Ser. fiz. -mat. i tekhn. nauk (1a)	Esti NSV Toaduste Akadeemia. Toimetised. Füüsikalise-matemaatiliste ja tehniliste toaduste seria. Izvestia Akademii nauk Estonskoi SSR. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Estonian S.S.R. Bulletin. Series in the Physical, Mathematical, and Technical Sciences]		

Izv. vys. ucheb. zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]	Let. izobr. isk. (10a)	Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
Izv. vys. ucheb. zav.; radiofiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]	Let. muz. lit. (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
Izv. vys. ucheb. zav.; radiotekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]	Let. rets. (2a)	Letopis' retsenzii [Chronicle of Reviews]
Izv. vys. ucheb. zav.; stroit. i arkhit. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]	Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Izv. vys. ucheb. zav.; tekhn. i tekst. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiya tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]	Lis., pap. i der. prom. (16f)	Lisova, paperovala i derevobrobnaia promyslovist' [Forest, Paper, and Woodworking Industry]
Izv. vys. ucheb. zav.; tsvet. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaya metallurgiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]	Lit. i isk. nar. SSSR i zarub. stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries]
Kardiologiya (14a)	Kardiologiya [Cardiology]	Lit. proizv. (16h)	Litnoe proizvodstvo [Foundry Practice]
Kat. dan. po meteor. i rad. (13f)	Mirovoi tsentr dannykh BI. Katalog dannykh po meteorologii i iadenoj radiatsii [World Data Center BI. Catalog of Meteorology and Nuclear Radiation Data]	Magn. gidr. (13f)	Magnitnaya gidrodinamika [Magnetohydrodynamics]
Kat. dan. po rak. i sput. (13b)	Mirovoi tsentr dannykh BI. Katalog dannykh po raketam i sputnikam [World Data Center BI. Catalog of Data on Rockets and Satellites]	Mash. i nef. obor. (15h)	Mashiny i neflianoe oborudovanie [Machinery and Petroleum Equipment]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]	Mashinovedenie (16g)	Mashinovedenie [Mechanical Engineering]
Khim. i nef. mashinost. (16c)	Khimicheskoe i neflianoie mashinostroenie [Chemical and Petroleum Machinery Manufacture]	Masl. -zhir. prom. (16c)	Maslo-zhirovalaia promyshlennost' [Oils and Fats Industry]
Khim. inform. (13d)	Khimicheskaya informatsiya; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Chemical Information; Classified Index of Articles in Foreign Periodicals]	Mat. sbor. (13c)	Matematicheski sbornik [Mathematical Review]
Khim. mashinost. (16c)	Khimicheskoe mashinostroenie [Chemical Machinery Manufacture]	Med. rad. (14a)	Meditsinskaya radiologiya [Medical Radiology]
Khim. prom. (16c)	Khimicheskaya promyshlennost' [Chemical Industries]	Med. ref. zhur. (14a)	Meditsinski referativnyi zhurnal [Medical Abstracts]
Khim. v sel'. khoz. (15a)	Khimiya v sel'skom khoziaistve [Chemistry in Agriculture]	Mekh. stroit. (16d)	Mekhanizatsiya stroitel'stva [Mechanization of Construction]
Khim. volok. (16c)	Khimicheskie volokna [Synthetic Fibers]	Metallurg (16h)	Metallurg [Metallurgist]
Khirurgiya (14h)	Khirurgiya [Surgery]	Meteor. i gidrol. (13f)	Meteorologiya i gidrologiya [Meteorology and Hydrology]
Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]	Metod. izuch. veshch. sost. i ikh prim. (16h)	Metody izucheniia veshchestvennogo sostava i ikh primeneniia [Methods for the Study of the Composition of Substances and Their Application]
Klin. khir. (14h)	Klinicheskaya khirurgiya [Clinical Surgery]	Metod. ukaz. GOIN (12b)	Moscow. Gosudarstvennyi okeanograficheskii institut. Metodicheskie ukazaniia [State Oceanographic Institute. Methodological Instructions]
Knizh. let. (2a)	Knizhnaya letopis' [Book Chronicle]	Mezhresp. tekhn. usl. na lek. sred. (14f)	Mezhrespublikanskoe tekhnicheskoe uslovia na lekarstvennye sredstva [Inter-Republic Technical Standards for Drugs]
Knizh. torg. (2c)	Knizhnaya torgovlia [Book Trade]	Mikrobiol. zhur. (13c)	Mikrobiologichnyi zhurnal [Journal of Microbiology]
Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]	Mikrobiologiya (13c)	Mikrobiologiya [Microbiology]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]	Min. sbor. (12c)	Mineralogicheski sbornik [Mineralogical Review]
Kommunist (6)	Kommunist [Communist]	Mor. flot (17b)	Morskoi flot [The Merchant Marine]
Kons. i ov. prom. (16c)	Konservyriia i ovoshchesushl'naia promyshlennost' [The Canning and Dehydrated Vegetable Industry]	Mor. sbor. (17b)	Morskoi sbornik; zhurnal Voenno-Morskogo Flota SSSR [Naval Review; Magazine of the Soviet Navy]
Krat. soob. Inst. arkheol. (4b)	Akademii nauk SSSR. Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]	NTO (16a)	Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv. Nauchno-tekhnicheskoe obshchestvo SSSR [All-Union Council of Scientific Technological Societies. Scientific Technological Societies of the U.S.S.R.]
Kryl. rod. (10b)	Kryl'ia rodiny [Wings of the Motherland]	Na stroit. Ros. (16d)	Na stroitkakh Rossii [At Russian Construction Projects]
Kuz. -shtam. proizv. (16g)	Kuznechno-shtampovoechnoe proizvodstvo [Forging and Stamping]	Nach. shkola (8a)	Nachal'naya shkola [Primary School]
Lab. delo (14c)	Laboratornoe delo [Laboratory Work]	Nar. khoz. Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Let. druku BSSR (2a)	Letapis druku BSSR. Letopis' pechati BSSR [Chronicle of the Publications of the White Russian S.S.R.]	Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Let. gazet. st. (2a)	Letopis' gazetykh statei [Chronicle of Newspaper Articles]	Nef. khoz. (10h)	Neflianoie khoziaistvo [The Petroleum Industry]
		Neflekhimiia (16c)	Neflekhimiia [Petrochemistry]
		Nefteper. i neflekhim. (16h)	Neftepererabotka i neflekhimiia [Petroleum Refining and Petroleum Chemistry]
		Nefliani (16h)	Nefliani [The Petroleum Worker]
		Nov. i noveish. ist. (4a)	Novaya i noveishaya istoriya [Modern and Recent History]
		Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]

Nov. inostr. knigi: kat. nov. postup. (2b)	Akademiya nauk SSSR. Biblioteka. Novye inostrannyye knigi; katalog novykh postuplenii. . . . [Academy of Sciences of the U.S.S.R. Library. New Foreign Books; Catalog of New Accessions. . . .]	Nov. vrem. (6)	Novoe vremia [New Times]
Nov. inostr. lit. po filos. (3a)	Novaya inostrannaya literatura po filosofii [New Foreign Literature on Philosophy]	Obog. rud (16h)	Obogashchenie rud [Ore Dressing]
Nov. inostr. lit. po iaz. (11a)	Novaya inostrannaya literatura po iazykoznaniiu [New Foreign Literature on Linguistics]	Ogneupory (16h)	Ogneupory [Refractories]
Nov. inostr. lit. po ist., arkeol. i etn. (4a)	Novaya inostrannaya literatura po istorii, arkhologii i etno- grafii [New Foreign Literature on History, Archaeology, and Ethnography]	Okeanologiya (12b)	Okeanologiya [Oceanology]
Nov. inostr. lit. po lit. (11b)	Novaya inostrannaya literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]	Okhr. truda i sots. strakh. (5d)	Okhraneniye truda i sotsial'nogo strakhovaniya [Protection of Labor and Social Insurance]
Nov. knigi: ezhened. inform.- bibl. zhur. (2a)	Novye knigi; ezhenedel'nyi informatsionno-bibliograficheskiy zhurnal [New Books; Bibliographical Information Weekly]	Oktiabr' (11b)	Oktiabr' [October]
Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]	Org. poluprod. i kras. (16c)	Organicheskie poluprodukty i krasiteli [Organic Inter- mediate Products and Dyes]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizi- cheskaya geografiya [New Foreign Books: Series A: Mathe- matics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]	Ortoped. i travm. i protez. (14h)	Ortopediya, travmatologiya i protezirovaniye [Ortho- pedics, Traumatology, and Prosthesis]
Nov. knigi za rub. Ser. B (10a)	Novye knigi za rubezhom. Seriya B: Tekhnika [New Foreign Books. Series B: Technology]	Osn., fund. i mekh. grun. (16d)	Osnovaniya, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriya V: Biologiya, meditsina, sel'skoe khoz'ystvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]	Part. zhizn' (6)	Partiinaya zhizn' [Party Life]
Nov. knigi za rub. po obshchestv. naukam (2a)	Novye knigi za rubezhom po obshchestvennyim naukam; ekonomika, filosofiya, istoriya, mezhdunarodnye otnoshe- niya [New Foreign Books on the Social Sciences; Eco- nomics, Philosophy, History, International Relations]	Pat. fiziol. i eksp. terap. (14c)	Patologicheskaya fiziologiya i eksperimental'naya terapiya [Pathological Physiology and Experimental Therapy]
Nov. knizhny URSRS (2a)	Novi knizhny URSRS [New Books of the Ukrainian S.S.R.]	Pis'm. v red. Zhur. eksper. i teoret. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki. Pis'ma v redaktsiyu [Journal of Experimental and Theoretical Physics. Letters to the Editors]
Nov. lit. o nauke i nauch.-issl. rab. za rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]	Plast. massy (16c)	Plasticheskie massy [Plastics]
Nov. lit. po Bolg. (2a)	Novaya literatura po Bolgarii [New Literature on Bulgaria]	Pochvovedenie (16a)	Pochvovedenie [Soil Science]
Nov. lit. po Chekh. (2a)	Novaya literatura po Chexoslovakii [New Litera- ture on Czechoslovakia]	Porosh. met. (16h)	Poroshkovaya metallurgiya [Powder Metallurgy]
Nov. lit. po Ger. Dem. Resp. (2a)	Novaya literatura po Germanской Demokraticeskoi Respub- like [New Literature on the German Democratic Republic]	Pozh. tekhn. (16d)	Pozharnaya tekhnika [Fire Fighting Equipment]
Nov. lit. po IUG. (2a)	Novaya literatura po Iugoslavii [New Literature on Yugo- slavia]	Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Nov. lit. po obshch. probl. evrop. sots. stran (4a)	Novaya literatura po obshchim problemam evropejskikh sotsialisticheskikh stran [New Literature on the General Problems of the European Socialist Countries]	Prikl. geofiz. (16h)	Prikladnaya geofizika [Applied Geophysics]
Nov. lit. po Pol'. (2a)	Novaya literatura po Pol'she [New Literature on Poland]	Prikl. mekh. (16g)	Prikladnaya mekhanika [Applied Mechanics]
Nov. lit. po Rum. (2a)	Novaya literatura po Rumynii [New Literature on Rumania]	Priroda (13a)	Priroda [Nature]
Nov. lit. po Veng. (2a)	Novaya literatura po Vengrii [New Literature on Hungary]	Probl. endok. i gorm. (14a)	Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy]
Nov. sov. ekon. lit. (5b)	Novaya sovetskaya ekonomicheskaya literatura [New Soviet Economic Literature]	Probl. gemat. i perel. krovi (14c)	Problemy gematologii i perekrivaniya krovi [Problems of Hematology and Blood Transfusion]
Nov. sov. i inostr. lit. po stran. Az. i Afr. (2a)	Novaya sovetskaya i inostrannaya literatura po stranam Azii i Afriki [New Soviet and Foreign Literature on the Countries of Asia and Africa]	Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]
Nov. sov. i inostr. lit. po vop. ateiz. i rel. (3b)	Novaya sovetskaya i inostrannaya literatura po voprosam ateizma i religii [New Soviet and Foreign Literature on the Problems of Atheism and Religion]	Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Nov. sov. lit. o nauke i nauch.- issl. rab. v SSSR (2a)	Novaya sovetskaya literatura o nauke i nauchno-issledova- tel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]	Prom. Bel. (16a)	Promyshlennost' Belorussii [Industry of White Russia]
Nov. sov. lit. po filos. (3a)	Novaya sovetskaya literatura po filosofii [New Soviet Literature on Philosophy]	Prom. stroit. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Nov. sov. lit. po iaz. (11a)	Novaya sovetskaya literatura po iazykoznaniiu [New Soviet Literature on Linguistics]	Prom. stroit. i inzh. soor. (16d)	Promyshlennoe stroitel'stvo i inzhenernyye sooruzheniya [Industrial Construction and Engineering Structures]
Nov. sov. lit. po ist., arkheol. i etn. (4a)	Novaya sovetskaya literatura po istorii, arkhologii i etno- grafii [New Soviet Literature on History, Archaeology, and Ethnography]	Rad. lit. (11b)	Radiantskoe literaturoznaniye [Soviet Literary Review]
Nov. sov. lit. po lit. (11b)	Novaya sovetskaya literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]	Rad. shk. (8a)	Radiantskaya shkola [Soviet School]
Nov. tov. (5a)	Novye tovary; informatsionnyy biulleten' [New Con- sumer Goods; Information Bulletin]	Radio (16c)	Radio
Nov. v ling. (11a)	Novoe v lingvistike [What is New in Linguistics]	Radiokhimiya (13d)	Radiokhimiya [Radiochemistry]
		Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Elec- tronics]
		Rasch. prostr. konstr. (16d)	Raschet prostranstvennykh konstruktsii [Calculation of Spatial Structures]
		Rast. Krain. Sev. SSSR i ee osv. (13c)	Rastitel'nost' Krainego Severa SSSR i ee osvoeniye [Vegeta- tion of the Far North of the U.S.S.R. and its Utilization]
		Razved. i okh. nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conserva- tion of Mineral Resources]
		Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]
		Ref. sbor. : Ekon. prom. (5b)	Referativnyi sbornik Ekonomika promyshlennosti [Journal of Abstracts of Industry]
		Ref. zhur. : Astron. (13b)	Referativnyi zhurnal: Astronomiya (Otdel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)]
		Ref. zhur. : Avt. dor. (16d)	Referativnyi zhurnal: Avtomobil'nye dorogi [Journal of Abstracts: Highways]

Ref. zhur.: Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]	Sov. iust. (7)	Sovetskaya iustitsiya [Soviet Justice]
Ref. zhur.: Biol. khim. (13c)	Referativnyi zhurnal: Biologicheskaya khimiya (Otdel'nyi vypusk 30f) [Journal of Abstracts: Biochemistry (Separate Issue 30f)]	Sov. med. (14a)	Sovetskaya meditsina [Soviet Medicine]
Ref. zhur.: Elek- trotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotehnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]	Sov. muz. (9b)	Sovetskaya muzyka [Soviet Music]
Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]	Sov. pech. (11b)	Sovetskaya pechat' [Soviet Press]
Ref. zhur.: Khim. (13d)	Referativnyi zhurnal: Khimiya [Journal of Abstracts: Chemistry]	Sov. pedagog. (8a)	Sovetskaya pedagogika [Soviet Pedagogy]
Ref. zhur.: Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]	Sov. potreb. koop. (5a)	Sovetskaya potrebitel'skaya kooperatsiya [Soviet Consumer Cooperation]
Ref. zhur.: Leg. prom. (16f)	Referativnyi zhurnal: Legkaya promyshlennost' [Journal of Abstracts: Light Industry]	Sov. profsoyuzy (5d)	Sovetskio profsoyuzy [Soviet Trade Unions]
Ref. zhur.: Met. (16h)	Referativnyi zhurnal: Metallurgiya [Journal of Abstracts: Metallurgy]	Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]
Ref. zhur.: Ob- vop. pat. Onk. (14e)	Referativnyi zhurnal: Obshchie voprosy patologii. Onkologiya (Otdel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology, Oncology (Separate Issue 53)]	Sov. torg. (5a)	Sovetskaya torgovlya [Soviet Commerce]
Ref. zhur.: Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyi transport [Journal of Abstracts: Industrial Transportation]	Sov. voia (17a)	Sovetskii voia [Soviet Soldier]
Ref. zhur.: Raketost. (16b)	Referativnyi zhurnal: Raketostroenie (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]	Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Special Education]
Ref. zhur.: Stroi. i dor. mash. (16g)	Referativnyi zhurnal: Stroitel'nye i dorozhnye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]	Stal' (16h)	Stal' [Steel]
Rent. min. syr. (12c)	Rentgenografiya mineral'nogo syr'ya [Radiography of Minerals]	Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Cutting Tools]
Ryb. khoz. (15b)	Rybnoe khoziatstvo [Fisheries]	Strany i nar. Vost. (12b)	Strany i narody Vostoka [Countries and Peoples of the Orient]
Sakh. prom. (10c)	Sakharnaya promyshlennost' [Sugar Industry]	Stroi. i arkhitekt. (10b)	Stroitel'stvo i arkhitektura [Construction and Archi- tecture]
San. okhr. vod. ot zagr. prom. sto- ch. vod. (16d)	Sanitarnaya okhrana vodoemov ot zagryazneniya promyshlen- nymi stochnymi vodami [Sanitary protection of reservoirs from Pollution by Industrial Wastes]	Stroi. i arkhitekt. [Sbornik] (10b)	Stroitel'stvo i arkhitektura [Construction and Architec- ture]
Sbor. trud. LISI (16d)	Leningrad. Inzhenerno-stroitel'nyi institut. Sbornik trudov [Civil Engineering Institute. Papers]	Stroi. i arkhitekt. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Sbor. trud. Mosk. tekhn. inst. (16a)	† Moscow. Tekhnologicheskii institut. Sbornik trudov [Technological Institute. Papers]	Stroi. i arkhitekt. Sred. Az. (10b)	Stroitel'stvo i arkhitektura Srednei Azii [Construction Architecture of Central Asia]
Sbor. trud. po ag- ron. fiz. (15a)	Sbornik trudov po agronomicheskoi fizike [Papers on Agricul- tural Physics]	Stroi. i arkhitekt. Uzb. (10b)	Stroitel'stvo i arkhitektura Uzbekistana [Construction Architecture of Uzbekistan]
Sbor. trud. TSNIIKHM (16h)	Moscow. Tsentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii. Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy. Papers]	Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Sbor. trud. VNIISTROM (16d)	Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel's- kii institut stroitel'nykh materialov i konstruktov. Sbornik trudov [State All-Union Scientific Research Institute of Building Materials and Structures. Papers]	Stroi. truboprov. (16d)	Stroitel'stvo truboprovodov [Pipeline Construction]
Sel'. khoz. (15a)	Sel'skoe khoziatstvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Classified Index of Articles in Foreign Periodicals]	Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Sel'. stroi. (16d)	Sel'skoe stroitel'stvo [Rural Construction]	Svetotekhnika (16a)	Svetotekhnika [Illuminating Engineering]
Sel'. khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaya literatura SSSR [Agricultural Literature of the U. S. S. R.]	Svod. biul. nov. inostr. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupa- yushchikh v biblioteki SSSR, Seriya B; Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U. S. S. R., Series B: Social Sciences]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]	Teatr (9c)	Teatr [The Theater]
Shakht. stroi. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]	Tekh. est. (16a)	Tekhnicheskaya estetika [Industrial Aesthetics]
Shestimes. kat. dan. po seism. (12c)	† Mirovoi tsentr dannyykh BI. Shestimeslachechny katalog dan- nykh po seismologii [World Data Center BI. Semiannual Catalog of Seismological Data]	Tekh. i vooruzh. (17a)	Tekhnika i vooruzhenie [Technology and Armaments]
Shvein. prom. (16f)	Shvetnaya promyshlennost' [Clothing Industry]	Tekh. kino i telev. (9a)	Tekhnika kino i teleydeniya [Motion-Picture and Televi- sion Engineering]
Soln. rad. i rad. bal. (13f)	† Leningrad. Glavnaya geofizicheskaya observatoriya [Main Geophysical Observatory] Solar radiation and radiation balance data. Solnechnaya radiatsiya i radiatsionnyi ba- lans.	Tekh. v sel'. khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agricul- ture]
Sots. obespech. (5e)	Sotsial'noe obespechenie [Social Security]	Tekst. prom. (16f)	Tekstil'naya promyshlennost' [Textile Industry]
Sots. trud (5d)	Sotsialisticheskii trud [Socialist Labor]	Torg. za rub. (5a)	Torgovlya za rubezhom [Trade Abroad]
Sov. geol. (12c)	Sovetskaya geologiya [Soviet Geology]	Transp. i khran. nefli i nefte- prod. (16h)	Transport i khraneniye nefli i nefteproduktov [Transport and Storage of Petroleum and Petroleum Products]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]	Trudy Bot. inst. Ser. 3 (13c)	Akademii nauk SSSR. Botanicheskii institut. Trudy, Seriya 3. Geobotanika [Academy of Sciences of the U. S. S. R. Botanical Institute. Transactions, Series 3. Geobotany]
		Trudy Geol. inst. AN Gruz. SSR (12c)	Akademii nauk Gruzinskoi SSR, Tiflis. Geologicheskii institut. Trudy, Novaya seriya [Academy of Sciences of the Georgian S. S. R. Geological Institute. Transactions, New Series]
		Trudy Inst. okean. (12b)	Akademii nauk SSSR, Institut okeanologii. Trudy [Aca- demy of Sciences of the U. S. S. R. Institute of Oceanography Transactions]
		Trudy Kish. politekh. inst. (16a)	† Kishinev. Politehnicheskii institut. Trudy [Polytechnic Institute. Transactions]
		Trudy Kuban. sel'. khoz. inst. (15a)	Krasnodar. Kubanskii sel'skokhoziaistvennyi institut. Trudy [Kuban Agricultural Institute. Trans- actions]

Trudy LIEI (16a)	Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]	Usp. mat. nauk (13c)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Trudy LPI (16a)	Leningrad. Politehnicheskii institut. Trudy [Polytechnic Institute. Transactions]	Uzb. geol. zhur. (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
Trudy Lengidro-proekta (16d)	Moscow. Vsesoiuznyi proektiro-issledovatel'skii i nauchno-issledovatel'skii institut gidroproekt imeni S.I.A. Zhuk. Leningradskoe otdeleniye. Trudy [S.I.A. Zhuk All-Union Planning and Research Institute Hidroproekt. Leningrad Department. Transactions]	V mire knig (2a)	V mire knig [In the World of Books]
Trudy MEI (16g)	Moscow. Energeticheskii institut. Trudy [Power Engineering Institute. Transactions]	Ved. Verkh. Sov. RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]	Ved. Verkh. Sov. SSSR (7)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Trudy MINKHIGP (16h)	Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]	Vest. AMN SSSR (14a)	Akademii meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U. S. S. R. Journal]
Trudy MKHTI (16c)	Moscow. Khimiko-tekhnologicheskii institut. Trudy [Institute of Chemical Technology. Transactions]	Vest. AN Kazakh. SSR (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S. S. R. Journal]
Trudy MOIP (13c)	Moskovskoe obshchestvo ispytatelei prirody. Trudy [Moscow Naturalists' Society. Transactions]	Vest. khir. (14h)	Vestnik khirurgii [Review of Surgery]
Trudy MOIP. Otd. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Trudy. Otdel biologicheskii [Moscow Naturalists' Society. Transactions. Biological Section]	Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Trudy Mosk. vet. akad. (15b)	Moscow. Moskovskaya veterinarnaya akademiya. Trudy [Moscow Veterinary Medicine Academy. Transactions]	Vest. Mosk. un. Ser. 4: Geol. (12c)	Moscow. Universitet. Vestnik. Seriya 4: Geologiya [University. Review. Series 4: Geology]
Trudy Paleont. inst. (12c)	Akademii nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U. S. S. R. Institute of Paleontology. Transactions]	Vest. Mosk. un. Ser. 5: Geog. (12b)	Moscow. Universitet. Vestnik. Seriya 5: Geografiya [University. Review. Series 5: Geography]
Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. (13f)	Sredneaziat'skii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Central Asia Hydrometeorological Research Institute. Transactions]	Vest. protivovozd. obor. (17a)	Vestnik protivovozdushnoi oborony [Air Defense Review]
Trudy TSNIIMF (17b)	Leningrad. Tsentralnyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]	Vest. rent. i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]	Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Trudy VNIGRI (16h)	Leningrad. Vsesoiuznyi nefianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum (Scientific Research) Geological Prospecting Institute. Transactions]	st. sel'khoz. nauki [Kazakh. (15a)]	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]. Kazakhstan.
Trudy VNIIVS (15b)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut veterinarnoi sanitarii. Trudy [All-Union Scientific Research Institute of Veterinary Sanitation. Transactions]	Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Trudy VNIMI (Mol.) (15b)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut molochnoi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Dairy Industry. Transactions]	Veterinariia (15b)	Veterinariia [Veterinary Medicine]
Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]	Viliian, dlit. prim. udob. na plod. poch. i prod. sevoobor. (15a)	Viliianie dlitel'nogo primeneniia udobrenii na plodorodie pochvy i produktivnost' sevooboroty; rezul'taty mnogoletnikh opytov nauchno-issledovatel'skikh uchrezhdenii [Effect of Long Use of Fertilizers on Soil Fertility and the Productivity of Crop Rotation; Results of Long-Term Experiments of Scientific Research Institutions]
TSitologiya (13c)	TSitologiya [Cytology]	Vnesh. torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]	Voenn.-ist. zhur. (4a)	Voennno-istoricheskii zhurnal [Military History Journal]
Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]	Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Uch. zap. Ped. inst. Gerts. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. Uchenye zapiski [A. I. Herzen State Pedagogical Institute. Studies]	Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Uch. zap. po stat. (5b)	Uchenye zapiski po statistike [Studies in Statistics]	Vop. ist. (4a)	Voprosy istorii [Problems of History]
Uch. zap. TGPI (1a)	Tomsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSU]
Uch. zap. Viteb. vet. inst. (15b)	Vitebsk. Veterinarnyi institut. Uchenye zapiski [Veterinary Institute. Studies]	Vop. ist. vseobshch. ist. (4a)	Voprosy istoriografii vseobshchei istorii [Problems in the Historiography of General History]
Ugol' (16h)	Ugol' [Coal]	Vop. izobr. (16a)	Voprosy izobretatel'stva [Problems of Invention]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]	Vop. kinodram. (9a)	Voprosy kinodramaturgii [Problems in Cinema Dramaturgy]
Ukr. geom. sbor. (13c)	Ukrainskii geometricheskii sbornik [Ukrainian Papers on Geometry]	Vop. kur., fizioter. i lech. fiz. kult. (14c)	Voprosy kurortologii, fizioterapii i lechennoi fizicheskoi kultury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]
Ukr. ist. zhur. (4a)	Ukrains'kii istorichnyi zhurnal [Ukrainian Historical Journal]	Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chemistry]
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]	Vop. neirokhir. (14h)	Voprosy neirokhirurgii [Problems of Neurosurgery]
Urol. i nefr. (14a)	Urologiya i nefrologiya [Urology and Nephrology]	Vop. onk. (14e)	Voprosy onkologii [Problems of Oncology]
Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]	Vop. pit. (13c)	Voprosy pitaniia [Problems of Nutrition]
		Vred. i polez. fauna bespozv. Mold. (13c)	Vrednaia i poleznaia fauna bespozvonochnykh Moldavii [Injurious and Beneficial Fauna of the Invertebrates of Moldavia]
		Vych. sist. (13c)	Vychislitel'nye sistemy [Computer Systems]
		Vych. tekhn. i vop. prog. (13c)	Vychislitel'naya tekhnika i voprosy programmirovaniia [Computer Technology and Programming Problems]

Vysokom. soed. (13d)	Vysokomolekuliarnye soedineniya [Macromolecular Compounds]	Zhur. anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Vzryv. delo (16h)	Vzryvnoe delo [Blasting]	Zhur. eksp. i klin. med. (14a)	Zhurnal eksperimental'noi i klinicheskoi meditsiny [Journal of Experimental and Clinical Medicine]
Za tekh. prog. (16a)	Za tekhnicheskii progress [For Technological Progress]	Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zakup. sel'khoz. prod. (5a)	Zakupki sel'skokhoziaistvennykh produktov [Purchases of Agricultural Products]	Zhur. mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zap. LSKHI (15a)	Pushkin, Leningradskii sel'skokhoziaistvennyi institut, Zapiski [Leningrad Agricultural Institute, Annals]	Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zap. Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo, Zapiski [All Union Mineralogical Society, Annals]	Zhur. obshch. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zashch. rast. (15d)	Zashchita rastenii [Protection of Plants]	Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zav. lab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]	Zhur. tekhn. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zemledelie (15d)	Zemledelie [Agriculture]	Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]
Zhil. stroit. (16d)	Zhiliishchnoe stroitel'stvo [Housing Construction]		

SUBJECT INDEX TO MONOGRAPHS AND PERIODICALS

- ACTH**
Afferent impulses from the carotid sinus region stimulated by cortin and adrenocorticotrophic hormone. G.I. Butko, Dokl. AN SSSR 10 no. 5:352-355 My '66.
- Modern concepts of the mechanisms controlling ACTH secretion; survey of the literature. E.R. Bagramian, Probl. endok. i gorm. 10 no. 2:111-119 Mr-Apr '64.
- ABBREVIATIONS**
Vsesojuznaja knizhnaja palata. [Abbreviations of Russian words in library and bibliographical descriptions] Sokrashcheniia russkikh slov v bibliotekhn i bibliograficheskoi opisani. Moskva, "Kniga," 1966. 30 p.
- ABDOMEN—DISEASES**
Some characteristics of the course of abdominal lymphosarcomas in children. M.L. Dmitriev, L.E. Golovatiuk, Vest. khir. 96 no. 4:120-122 Ap '66.
- ABDOMEN—SURGERY**
Late results of surgical treatment of extensive ventral hernias. M.P. Postolov, R.M. Nurmukhamedov, Klin. khir. no. 7:54-57 '65.
- Pheochromocytoma removed through the abdominal cavity in diagnostic laparotomy. S.S. Nestorov, Probl. endok. i gorm. 10 no. 2:60-61 Mr-Apr '64.
- Use of suturing apparatus in surgery. L.A. Gevorkian, V.O. Sarukhanian, Zhur. eksp. i klin. med. 6 no. 1:80-84 '66.
- ABDOMEN—TUMORS**
Cavernous lymphemangioma in a child. D.G. Stepanov, Vest. khir. 96 no. 4:135 Ap '66.
- ABDOMEN—WOUNDS AND INJURIES**
Mikeladze, K.D., and E.I. Kuzanov. [Closed lesions of organs of the abdominal cavity] Zakrytye povrezhdeniia organov brzusnoi polosti. Tbilisi, Sabchota Sakartvelo, 1955. 23 p.
(DNLN)
- ABELIAN GROUPS**
Elementary classification of structurally ordered Abelian groups with a final number of filaments. A.I. Kokorin, N.G. Khisamiev, Alg. i log. 5 no. 1:41-50 '66.
- Extensions of a (p^2, p^2, \dots, p^2) type Abelian group by a p -order cyclic group. V.S. Drobotenko, Dop. AN URSR no. 4:430-433 '66.
- ABILITY GROUPING IN EDUCATION**
Without ability grouping. E. Tarshis, Nar. obr. no. 5: 108-110 My '66.
- ABKHAZIA—BOTANY, ECONOMIC**
Brazhba, M.T. [Plant resources of Abkhazia and their utilization] Rastitel'nye resursy Abkhazii i ikh ispol'zovanie. Sukhumi, Alashara, 1964. 578 p.
- ABKHAZIA—EUROPEAN CORN BORER—EXTERMINATION**
Chemical control of the European corn borer in the Abkhazian A.S.S.R. Misteia Dumitru, Zap. LSKIII 95:20-31 '65.
- ABLAKEKA (KAZAKHSTAN)—RURAL CONSTRUCTION**
The Ablaketa mobile unit. B. Ivanov, Nar. khoz. Kazakh. 24 no. 4:54-55 Ap '66.
- ABNORMALITIES (PLANTS)**
Effect of growth conditions on fasciation. T.I. Lebedeva, Uch. zap. TGPI 21:30-35 '64.
- Inheritance of fasciation phenomena. T.I. Lebedeva, Uch. zap. TGPI 21:36-40 '64.
- ABOMASUM**
Effect of mechanical and thermal stimulation of the mammary gland on the secretory function of the abomasum in ruminants. K.T. Tashenov, Ev. AN Kazakh. SSR. Ser. biol. nauk 2 no. 4:74-79 Jl-Ag '64.
- ABORTION IN ANIMALS**
Causes of embryonic abortions in cows. A.A. Uchaev, L.V. Uchaeva, Veterinariia 43 no. 5:74-76 My '66.
- ABSORPTION**
Absorption of dolomite of heavy metal ions. Part 2. M.A. Sarkisian, S.S. Apilan. Izv. AN Arm. SSR. Khim. nauki 18 no. 6:556-559 '65.
- ABSORPTION (PHYSIOLOGY)**
Regularities of the absorption of tetracycline in its experimental introduction jointly with glucosamine. V.P. Sobolev, I.S. Molochauva, N.E. Nikolaeva, Antibiotiki II no. 4:373-376 Ap '66.
- Role of the perimural concentration of substances on absorption in the small intestine. I.A. P. Skliarov, E.E. Iaremko, Fiziol. zhur. 50 no. 10:1289-1295 O '64.
- ABSORPTION OF LIGHT**
Optical absorption in semiconductors with impurity center contribution in an external magnetic field. I.A. Rozneritsa, A.G. Cheban, Fiz. tver. tela 8 no. 3:804-809 Mr '66.
- Some results of the experimental determination of the absorption coefficient of light in the sea. V.N. Pelovin, Trudy Inst. okean. 77:67-72 '65.
- Temperature dependence of the width of the main lattice absorption line in ionic crystals. R.F. Vallis, I.P. Ipatova, A.A. Maradudin, Fiz. tver. tela 8 no. 4:1064-1078 Ap '66.
- ABSORPTION OF SOUND**
Relaxation absorption of ultrasound near the phase transition temperature in the $PbMg_{1/2}W_{1/2}O_3$ ceramic. K.A. Minaeva, B.A. Strukov, V.A. Kopsaik, Fiz. tver. tela 8 no. 5:1631-1633 My '66.
- ABSORPTION SPECTRA**
Absorption spectra of the ternary system water - organic solvent - salt. A.V. Kariakina, A.V. Petrov, IU, B. Gerlt. Dokl. AN SSSR 168 no. 3:588-591 My '66.
- Relationship between the spectral parameters of some p -substituted benzenes and σ -constants. N.G. Bakhshiev, G.V. Saidov, Dokl. AN SSSR 168 no. 1:120-121 My '66.
- ACADEMIC DISSERTATIONS see Dissertations, Academic**
- ACADEMY OF SCIENCES OF THE TURKMEN S.S.R.**
Annual meeting of the Academy of Sciences of the Turkmen S.S.R. Izv. AN Turk. SSR. Ser. biol. nauk no. 2:99-100 '66.
- ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R.**
Miscellaneous information. Dop. AN URSR no. 4: 557-558 '66.
- Session of the Department of Mathematics, Mechanics, and Cybernetics of the Academy of Sciences of the Ukrainian S.S.R. A.V. Moskaliuk, Prikl. mekh. 2 no. 5:141-142 '66.
- ACADEMY OF SCIENCES OF THE U.S.S.R.**
Yearly assembly of the Pedagogical Academy of Sciences of the U.S.S.R. L. Todorov, Sov. pedagog. 30 no. 4:154-157 Ap '66.
- ACANTHOPANAX**
Development of the embryo in the seeds of *Acanthopanax sessiliflorum* (Rupr. et Maxim.) Seem. before their germination. I.A. Ivanova, Biol. Glav. bot. sada no. 50: 36-44 '65.
- ACARICIDES see Miticides**
- ACCELERATED CONDUCTION see Wolff-Parkinson-White syndrome**
- ACCELERATION (PHYSIOLOGY)**
Changes in optokinetic nystagmus following labyrinthectomy. V.P. Neverov, Fiziol. zhur. 50 no. 9:1079-1082 S '64.
- Characteristics of the function of human acoustic analyzer subjected to Coriolis accelerations of different values. IU, V. Krylov. Izv. AN SSSR. Ser. biol. no. 3:424-426 My-Je '66.
- Endurance of extreme acceleration following exposure to ionizing radiation. B.I. Davydov, Dokl. AN SSSR 168 no. 3:691-693 My '66.
- Nitrogen metabolism of the brain in rats under the effect of impulse accelerations. Z. S. Gerashelevich and others. Vop. med. khim. 12 no. 3:262-265 My-Je '66.
- Physiology of nystagmus. V.A. Kisliakov, Fiziol. zhur. 50 no. 9:1073-1078 S '64.
- Studying the growth and geotropical reactions of plants under the influence of centrifugal forces. R.V. Krasochkin, B.S. Moshkov, Fiziol. rast. 13 no. 1:177-183 Ja-F '66.
- ACCENTORS (BIRDS)**
Parental relationship among accentor species of the fam. Prunellidae and a possible history of their distribution. E.V. Kozlova, Zool. zhur. 45 no. 5:706-716 '66.
- ACCLIMATIZATION (PLANTS)**
Methodological and methodical prerequisites for conducting the work on gradual acclimatization of plants. A.I. Lypa, Biol. Glav. bot. sada no. 59:3-8 '65.
- ACCOUNTING**
Akademika nauk SSSR. Institut ekonomiki. [Principles of intraplan business accounting methods] Osnovy metodiki vnutrizavodskogo khozrascheta. Moskva, Ekonomika, 1966. 50 p.
- Develop the theory of accounting in connection with its mechanization. V. Isakov, Vest. stat. no. 5:15-23 '66.
- Increase the role of accounting and control. P. B. Bakhshiev, Bukhg. uchët 21 no. 12:3-10 D '64.
- Standard accounting in small lot and individual production. N. Baranov, Bukhg. uchët 21 no. 12:16-21 D '64.
- Standard accounting in the production of asbestos cement articles. A. Zudin, Bukhg. uchët 21 no. 12:26-28 D '64.
- Work problems of the statistical organs of the R.S.F.S.R. L. Volodin, K. Smirnov, Vest. stat. no. 5:70-81 '66.
- ACCOUNTING—STUDY AND TEACHING**
Training accountants-economists in institutions of higher learning. G. Tatischev, Bukhg. uchët 21 no. 12:35-39 D '64.
- ACETALDEHYDE**
Acetaldehyde trimer. 2,4-Dimethyl-6-hydroxyhexan-3-one. P.S. Shantarovich, V.D. Larionova, IU, V. Kina, Zhur. ob. khim. 36 no. 5:794-797 My '66.
- Synthesis and hydrolysis of phenoxy- β -chloroethyl ether acetate. K.Kh. Zilberman, L.G. Stepanova, Izv. AN SSSR. Ser. khim. no. 5:937-938 '66.
- ACETAMIDE**
Results of studying a syntomycina medium in isolating dysentery bacilli. A.B. Chernomordik, Zhur. med. mikrob. epid. i immun. 41 no. 7:148 Jl '64.
- ACETATES**
Role of carbon dioxide and acetate in biosynthesis of sulfur-reducing bacteria. IU, I. Sorokin, Dokl. AN SSSR 168 no. 1:199-201 My '66.
- ACETIC ACID**
Complex formation in nonaqueous solutions. Part 10: Reaction of tridecylamine with acetic acid. A.A. Cherkashin, B.P. Nikol'skii, B.A. Mikhailov, Radiatsionn. khim. 8 no. 2:163-171 '66.
- Synthesis and hydrolysis of phenoxy- β -chloroethyl ether acetate. K.Kh. Zilberman, L.G. Stepanova, Izv. AN SSSR. Ser. khim. no. 5:937-938 '66.
- Use of trilon B in pharmaceutical analysis. N.P. Shchepochko, Farmatsy. zhur. 10 no. 2:73-75 '64.
- ACETIC ACID—PHYSIOLOGICAL EFFECT**
Mechanism of the biological effect of dichloroacetic acid. N.A. Novikova, G.A. Popkova, A.V. Chetukhin, Vop. med. khim. 12 no. 3:240-247 My-Je '66.

ACETIC ACID—THERAPEUTIC USE

Antiarhythmic action of the magnesium disodium salt of EDTA. E. I. Gendenshtein, L. A. Karasina. *Kardiologiya* no. 5:87-90 '64.

Fate of calcium disodium salt of ethylene diaminetetraacetic acid in the body depending on various ways of its introduction. S. I. Ashbel', R. G. Khil', S. P. Shatrova. *Farm. i toks.* 29 no. 2:235-237 Mr-Apr '66.

ACETONE

Isotermo-isobars and distillation lines in the ternary system acetone-chloroform-water. N. V. Lutugin, L. I. Reshetova, L. P. Semanova. *Zhur. prikl. khim.* 36 no. 8:1794-1801 Ag '65.

Quantum yield of acetone and chain length in the photochemical reaction of propane oxidation in the presence of bromine. A. I. Porolkova, V. V. Voevodskii, A. B. Nalbandian. *Dokl. AN SSSR* 168 no. 2:386-387 My '66.

Study of the complex formation of neodymium with selenoacetylacetone and selenoethylthioacetone by the distribution method. V. M. Peskova, I. P. Efimov, N. N. Magdesieva. *Zhur. anal. khim.* 21 no. 4:499-501 '66.

ACETONEMIA

Ketosis in milk. V. P. Rjabtsev. *Veterinariia* 43 no. 5: 68-69 My '66.

ACETONITRILE

Kinetics and mechanism of acetylene catalytic conversions. Part I: Kinetics of acetonitrile synthesis from acetylene and ammonia on a ZnO/Al_2O_3 catalyst. K. M. Akhmerov, R. M. Fild, L. M. Kartashov. *Kin. i kat.* 7 no. 2:285-302 Mr-Apr '66.

ACETYLTATION

Effect of urea on the activity of the enzyme system of acetylation in the liver of pigeons control and injured by CC14. A. E. Grebennikova. *Dokl. AN Tadzh. SSR* 9 no. 4:30-41 '66.

Kinetics of the reaction of aniline acylation with benzoyl chloride in nonaqueous media. Part 5. N. K. Vorob'ev, L. V. Kuritsyn, O. K. Varenkova. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:53-57 '66.

ACETYLENE COMPOUNDS

Chemistry of polyene and polyacetylenic compounds. Report No. 16: Synthesis of some phenylacetylenes related to natural compounds. M. V. Mavrov, V. F. Kucherov. *Izv. AN SSSR, Ser. khim.* no. 5:871-874 '66.

Preparation of glycerol diethers of the acetylenic series. S. S. Sabirov and others. *Dokl. AN Tadzh. SSR* 9 no. 4:19-22 '66.

Study of the sympatholytic properties of amino derivatives of acetylene and diacetylene. T. A. Kygul' and others. *Farm. i toks.* 29 no. 2:152-155 Mr-Apr '66.

Synthesis and study of conversions of acetylenic α -glycols. Part 10: Pinacol-pinacolone rearrangement of secondary-tertiary and ditertiary acetylenic α -glycols under the effect of concentrated sulfuric acid. T. A. Favor'skaya, G. M. Tolstaplatov. *Zhur. ob. khim.* 36 no. 5: 601-605 My '65.

ACETYLENE LINKAGE see Triple bonds

ACETYLALCOHOLIC ACID—SIDE EFFECTS

Allergic reactions in the preventive treatment of rheumatic fever with bicillin and aspirin. A. I. Bolotina, V. A. Komarova. *Sov. med.* 28 no. 3:94-95 S '64.

ACIDS

Effect of acids constituting the base of emulsifiers for butadiene-styrene rubber on the resistance to thermal oxidation actions of rubbers and their vulcanizates. N. I. Trivitskaya, B. K. Karnin. *Kauch. i rez.* 25 no. 5: 10-14 '66.

Electric conductivity of aqueous solutions of formic, acetic, oxalic, sulfuric, and phosphoric acids at high temperatures. I. N. Malsimova, V. F. Ushkevich. *Elektrokhimiia* 2 no. 5:577-588 My '66.

Strength of acids in butyl and isobutyl alcohol. N. V. Lichkova, V. I. Dulova. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:18-21 '66.

Synthesis and properties of some esters of phosphoric triphosphoric and phosphonic acids. A. O. Mianik, E. S. Shepcheva, P. I. Sanin. *Neftekhimiia* 4 no. 6:899-905 N-D '64.

ACIDS, FATTY

Inclusion compounds of urea with some derivatives of fatty acids. N. Z. Rudenko. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:67-71 '66.

Rheological characteristics of lithium soap pseudogels as influenced by the fatty acid chain length. V. V. Shmitsyn, E. V. Aleeva. *Dokl. AN SSSR* 168 no. 3:636-639 My '66.

Studying the effect of certain stabilizers on the concentration of ethyl esters of polyunsaturated acids. I. A. Kovtun and others. *Zhur. prikl. khim.* 38 no. 8:1838-1841 Ag '65.

Synthesis of carboxylic acids of the barane series. L. I. Zakharin and others. *Zhur. ob. khim.* 36 no. 5:878-886 My '66.

Synthetic fatty acids as raw materials for lithium consistent greases. V. V. Valiahtok and others. *Nefteper. i neftekhim.* no. 5:25-29 '66.

ALUMINUM ORGANIC

Corrosion of stainless steels in dicarboxylic acid melts. A. I. Tsiman, V. S. Kuzub. *Zhur. prikl. khim.* 38 no. 8: 1872-1874 Ag '65.

Interaction of asymmetrical disubstituted hydrazines with α,β -unsaturated acid derivatives. Report No. 2: Structure of 1,1-dimethyl-3-pyrazolinium oxides. N. P. Zapevalova, T. A. Sokolova. *Izv. AN SSSR, Ser. khim.* no. 5:865-871 '66.

Stability of citrate, trihydroxyglutarate, tartrate, and malate compounds of thorium. V. K. Zolotukhin, O. I. Kluchivskaya. *Zhur. neorg. khim.* 11 no. 5:1225-1226 My '66.

ACONITE

Characteristics of the anatomical structure of stems and leaves in the species of *Aconitum* L. S. A. Tumanian. *Biul. Glav. bot. sada* no. 59:59-66 '65.

ACOUSTIC NERVE

Characteristics of the function of human acoustic analyzer subjected to Coriolis accelerations of different values. I. U. V. Krylov. *Izv. AN SSSR, Ser. biol.* no. 3:424-426 My-Je '66.

ACOUSTICAL MATERIALS

Gypsum acoustic tiles. I. U. G. Ageenko, N. I. Babenko, A. G. Moseich. *Stroitel. mat.* 11 no. 3:19-20 Mr '65.

ACOUSTICS—INDUSTRIAL APPLICATIONS

Akademii nauk SSSR. Institut fiziki Zemli. [Geonacoustics; using sounds and ultrasounds in seismology, seismic prospecting, and mining] Geonakustika; ispol'zovanie zvuka i ultrazvuka v seismologii, seismorazvedke i gornom dele. Moskva, Nauka, 1966. 191 p.

ACQUISITIONS (LIBRARIES)

[New foreign books; catalog of new acquisitions] Nov. inostr. knigi; kat. nov. poskup. no. 2 '66.

ACROMEGALY

Symptom complex of acromegaly and Itsenko-Cushing's disease of primary diencephalic genesis. E. Z. Ginecherman, M. I. Balshokhin. *Probl. endok. i gorm.* 12 no. 3: 3-6 My-Je '66.

ACRYLONITRILE

Effect of acrylonitrile on the kinetics of dissolution of steel in hydrochloric and sulfuric acids. E. N. Chislova, I. N. Putilova. *Zhur. prikl. khim.* 38 no. 8:1761-1765 Ag '65.

ACRYLONITRILE POLYMERS

Kinetics of acrylonitrile polymerization under the effect of butyl magnesium chloride. I. V. Kulevskina, B. L. Eruslimskii, V. V. Mazarek. *Vysokom. soed.* 8 no. 5: 876-881 My '66.

Manufacture of fire-resistant viscose and polyacrylonitrile fibers. Z. A. Rogovin and others. *Khim. volok.* no. 3:27-30 '66.

Synthesis and modification of fiber-forming polymers of acrylonitrile-containing vinyl lactam links. G. I. Kurdravtsev and others. *Khim. volok.* no. 3:12-15 '66.

Synthesis and properties of polyacrylonitrile and polyoxymethylene block copolymers. L. K. Karalov, G. S. Kolesnikov. *Vysokom. soed.* 8 no. 5:870-875 My '66.

ACRYLONITRILE POLYMERS—THERMAL PROPERTIES

Synthesis and study of the thermal resistance of acrylonitrile polymers containing intermolecular ionic and chelate bonds. G. I. Kudravytsev, V. N. Odorova, M. V. Shnylygin. *Vysokom. soed.* 8 no. 5:821-828 My '66.

ACRYLONITRILE POLYMERS, EFFECT OF RADIATION

Kinetics of the change of electrophysical properties of polyacrylonitrile during its treatment by infrared rays. E. A. Silin, D. E. Plamane, A. V. Atrapetians. *Elektrokhimiia* 2 no. 5:608-610 My '66.

ACTING

The art of silence. G. Shcherbina. *Teatr* 25 no. 9:90 S '64.

Smile. L. Bulgak. *Teatr* 25 no. 9:88-91 S '64.

ACTINIDE ELEMENTS

Thermodynamic characteristics of ionization of gaseous rare-earth and actinide elements. G. A. Krestov. *Radio-khimiia* 8 no. 2:218-223 '66.

ACTINIUM ISOTOPES

Preparation of liquid actinium-227 standards. G. V. Gorskov and others. *Radiokhimiia* 8 no. 2:223-226 '66.

ACTINOMETRY

Device with a transistor bolometer for microactinometry. V. G. Karmanov, E. P. Riabova. *Sbor. trud. po agron. fiz.* no. 12:185-203 '66.

ACTINOMETRY—OBSERVATIONS see subdivision under Trans-III Alatau

ACTINOMYCES

Methodology of primary selection of *Actinomyces* with antiviral properties. R. A. Zhukova. *Antibiotiki* 11 no. 4:327-332 Ap '66.

ACTINOMYCES—CLASSIFICATION

Systematics of *Actinomyces vinaceus*. V. D. Kuznetsov, A. A. Sokolov. *Antibiotiki* 11 no. 4:309-314 Ap '66.

ACTINOMYCES—CULTURES AND CULTURE MEDIA

Amino acid metabolism in *Actinomyces* antibiotics. E. I. Surikova, L. A. Averkhin. *Mikrobiologiya* 35 no. 2:228-233 Mr-Apr '66.

Changes in the qualitative composition of pigments of the red-orange group of actinomycetes under various cultivation conditions. N. F. Kirillova, N. A. Krasnikov. *Izv. AN SSSR, Ser. biol.* no. 3:428-432 My-Je '66.

Selecting actinomycetes with antiviral activity. R. A. Zhukova and others. *Mikrobiologiya* 35 no. 2:312-318 Mr-Apr '66.

Use of cornmeal in the biosynthesis of erythromycin. V. V. Lobanova, L. K. Shmatov, A. F. Petrova. *Antibiotiki* 11 no. 4:320-323 Ap '66.

ACTIVITY COEFFICIENTS

Physical nature of critical concentrations. Determination of activity coefficients by critical concentrations. E. S. Filippov, S. I. Filippov. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 5:10-16 '66.

Recombination of hydrogen atoms studied by the methods of calorimetry, diffusion, and semiconducting probes. I. N. Pospelova, I. A. Miasnikov. *Kin. i kat.* 7 no. 2: 196-201 Mr-Apr '66.

ACTORS

[Actors of foreign motion pictures] Aktery zarubezhnogo kino. Moskva, Iskusstvo, No. 1. 1965. 150 p. illus.

Invitation to the theater. O. Dziumiskala. *Teatr* 25 no. 9:90-97 S '64.

ACTORS—CORRESPONDENCE, REMINISCENCES, ETC.

Cherkasov, N. K. [In the theater and in the movies; a story about the work of an actor] V teatre i v kino; rasskaz o trude aktera. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 141 p. (V mire prekrasnogo)

(Mau)

Life and the role (to be continued). Mikhail Zharov. *Teatr* 25 no. 9:99-79 S '64.

ACYLATION

Action of acylating agents on 1,1-dibromoalkane salts. L. A. Ustynuk, S. A. Shevelov, A. A. Fainzilberg. *Izv. AN SSSR, Ser. khim.* no. 5:930-932 '66.

Acylation by pyrosulfuric acid derivatives. G. A. Sokol'skii. *Zhur. ob. khim.* 36 no. 5:788-801 My '65.

Reaction of C-acetylation of heterocyclic keto enols. Report No. 8: 4-lydroxy-3-acyl-6-methyl-2-pyridones and their N-methyl derivatives. N. S. Vul'fson, G. M. Sukhotina, V. N. Zeltova. *Izv. AN SSSR, Ser. khim.* no. 5:887-891 '66.

Use of diethyl chlorophosphate for acylation of a serine hydroxy group in peptides. V. A. Shilnev, K. T. Porochin. *Sh. Kh. Khimikov. Izv. AN SSSR, Ser. khim.* no. 5:927-928 '66.

ADAPTATION (BIOLOGY)

Adaptive characteristics of the structure of the cuticle and tracheal system in some marine and thalassobenthic mites. Z. S. Kaufman. *Zool. zhur.* 45 no. 5:653-669 '66.

Mechanism of increasing osmotic resistance of erythrocytes in rats adapted to hypoxia. Z. I. Barbasheva. *Fiziol. zhur.* 50 no. 11:1385-1392 N '64.

Participation of the sympathetic-adrenal system in the general adaptation reaction. A. F. Maslova. *Pat. fiziol. i eksp. terap.* 19 no. 2:57-61 Mr-Apr '66.

Premature function of the fetus as an endogenous problem. L. I. Gromov, E. A. Savina. *Trudy MOIP, Otd. biol.* 17:87-95 '66.

Some data on the changes in the blood of rats in various stages of general adaptation syndrome. I. A. Rudakov. *Biul. eksp. biol. i med.* 58 no. 12:38-39 D '64.

ADDISON'S DISEASE

Characteristics of postnatal development of children in Addison's disease of their fathers. B. N. Kisevskii, M. F. Iankova, A. V. Tambovtseva. *Probl. endok. i gorm.* 12 no. 3:14-19 My-Je '66.

Combination of Addison's disease with paroxysmal myoplegia. M. E. Shvabman. *Probl. endok. i gorm.* 12 no. 3:48-47 My-Je '66.

ADEN, GULF OF—COBALT

Some data on cobalt content in the Red Sea and the Gulf of Aden. L. I. Rozhanskaya. *Gidrobiol. zhur.* 2 no. 2: 40-42 '66.

ADENOSINE PHOSPHATES

Effect of adenosine triphosphate and adenosine diphosphate on the morphology and functions of blood platelets in thrombasthenia. N. B. Cherniak, A. I. Isaakian, A. A. Totalska. *Probl. gemat. i perel. krovi* 11 no. 4: 41-48 Ap '66.

ADENOSINETRIPHOSPHATASE

Adenosinetriphosphatase from the cellular fractions of growth zones of lupine roots. T. S. Salamatova, E. M. Balaban. *Fiziol. rast.* 13 no. 1:78-81 Ja-F '66.
Effect of general X-ray irradiation on the adenosinetriphosphatase activity of the liver mitochondria in rats. K. P. Khanson. *Vop. med. khim.* 12 no. 3:256-258 My-Je '66.

ADHESION

Role of residual stresses in the determination of adhesion capacity. A. P. Semenov. *Mashinovedenie* no. 3:102-107 '66.
Studying the structural and mechanical properties of bonded nonwoven fabrics. V. B. Tikhomirov, V. E. Gusev, A. I. Kurilenko. *Izv. vys. ucheb. zav. i tekhn. tekst. prom.* no. 2:105-107 '66.

ADHESIVES

Adhesive properties of aqueous solutions of alkali silicate glasses. M. A. Matveev, A. S. Agarkov. *Trudy MKhIT* no. 45:171-175 '64.

ADPOSE TISSUES

Glucokinases of the epididymal adipose tissue in rats. K. G. Gromova, E. B. Maizel, I. B. Solteranova. *Bio-khimiya* 31 no. 2:291-298 Mr-Apr '66.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE ACTS

Invalidation of an order assigning housing space. IU. Kon'kov S. Korneev. *Sov. iust.* 30 no. 9:21-23 My '66.

ADOLESCENCE

Clinical recovery in disseminated, focal and infiltrative forms of pulmonary tuberculosis in adolescence. M. D. Rozanova and others. *Probl. tub.* 42 no. 6:32-36 '64.
Training of personal relations among young boys and girls. O. I. Zhavoronko. *Rad. shkola* 43 no. 5:36-43 My '66.

ADRENAL CORTEX

Adrenal cortex function tests in patients with various congenital and acquired heart defects. A. V. Meshcherjakov. *Kardiologiya* no. 5:30-34 '64.

Changes in the function of the adrenal cortex in intrathoracic surgery following the use of metamsyl. V. E. Ryzhenkov and others. *Vest. khir.* 96 no. 4:25-31 Ap '66.

Correlations between the hypothalamo-hypophyseal and adrenal system during the acute period of a cerebrocranial trauma. N. I. Grashchenkov and others. *Vop. neuro-khir.* 28 no. 3:1-8 My-Je '64.

Effect of DDD on the functional state of the adrenal cortex in guinea pigs. K. P. Zak, I. P. Maevskaia. *Probl. endok. i gorm.* 10 no. 2:77-80 Mr-Apr '64.

Effect of Nad-H₂ and potassium ascorbate on the biosynthesis of corticosteroids by homogenates of pig adrenal cortex. IU. A. Pankov. *Vop. med. khim.* 12 no. 3:280-284 My-Je '66.

Effect of sodium halides on the system hypothalamus-hypophysis-adrenal cortex. G. A. Ovchinnikova. *Probl. endok. i gorm.* 10 no. 2:63-73 Mr-Apr '64.

Functional activity of the adrenal cortex in thyrotoxic goiter. A. Z. Mamedov. *Azerb. med. zhur.* 41 no. 6:40-44 Je '64.

Hypothalamus-neurohypophysis-adrenal cortex system during prolonged corticosteroid therapy. N. K. Bogdanovich, E. V. Feishman. *Arkh. pat.* 28 no. 4:18-24 '66.

Modern conceptions on the mechanism of the regulation of the secretion of aldosterone; a review of the literature. F. M. Egart, E. R. Sa'ramian, T. I. Ivanenko. *Pat. fiziol. i eksp. terap.* 10 no. 2:93-99 Mr-Apr '66.

ADRENAL CORTEX—DISEASES

Clinical diagnosis of adrenal insufficiency in the preoperative period. K. I. Myshkin, A. A. Reut. *Vest. khir.* 96 no. 4:22-25 Ap '66.

ADRENAL CORTEX—TUMORS

Biosynthesis of steroid hormones in vitro in hormonally active tumors of the adrenal cortex in relation to the clinical picture of the disease. R. I. Skvortsova, V. I. Kertsman. *Probl. endok. i gorm.* 12 no. 3:19-25 My-Je '66.

Present-day methods of the diagnosis of hormonally active tumors of the adrenal cortex; a review of the literature. V. I. Kertsman. *Probl. endok. i gorm.* 12 no. 3:117-121 My-Je '66.

ADRENAL GLANDS

Afferent effect of adrenal glands on the higher nervous activity in dogs. N. M. Turubiner. *Probl. endok. i gorm.* 10 no. 2:80-83 Mr-Apr '64.

Effect of the adrenal glands on changes in potassium metabolism during the period of restoration of vital functions following clinical death. E. M. Kazin. *Biul. eksp. biol. i med.* 58 no. 9:66-68 '64.

Effect of the adrenal glands on enzyme activity of the blood and tissues during resuscitation. M. G. Kalpakov, K. T. Titova. *Biul. eksp. biol. i med.* 58 no. 9:62-66 '64.

Functional relations between the epiphysis and the thyroid gland. S. G. Cherdynitsev. *Probl. endok. i gorm.* 10 no. 2:83-86 Mr-Apr '64.

Participation of the sympathoadrenal system in the general adaptation reaction. A. F. Maslova. *Pat. fiziol. i eksp. terap.* 10 no. 2:57-61 Mr-Apr '66.

Recultivation of the H³-thymidine label of DNA by the cells of mouse adrenal glands under stress. M. I. Nekhlyudova. *Probl. endok. i gorm.* 12 no. 3:81-87 My-Je '66.

Ultrastructure of the embryonic cell of the medullary layer of the adrenal glands. N. A. Smitten. *Dokl. AN SSSR* 168 no. 2:447-450 My '66.

ADRENAL GLANDS—CALCIFICATION

Calcinoses of the adrenal glands in a 6 1/2-month-old infant. E. M. Grishchenko, V. A. Karmilova, O. B. Starikova. *Arkh. pat.* 28 no. 4:78-79 '66.

ADRENAL GLANDS—TRANSPLANTATION

Gonectomy and implantation of adrenal glands in the treatment of bronchial asthma. E. S. Karashurov. *Vest. khir.* 96 no. 4:30-42 Ap '66.

ADRENAL STEROIDS see Adrenocortical hormones

ADRENALINE

Adrenaline and noradrenaline in skeletal muscles. V. A. Goryain. *Fiziol. zhur.* 50 no. 10:1275-1281 O '64.

Effect of adrenaline on tissue respiration. O. A. Virovets, I. S. Balakhovskii. *Vop. med. khim.* 12 no. 3:287-291 My-Je '66.

Mechanism of the effect of adrenaline on the reabsorption of water in renal tubules. B. A. Pakhamurnyi. *Fiziol. zhur.* 51 no. 2:237-242 F '65.

ADRENALINE—PHYSIOLOGICAL EFFECT

Effect of adrenaline and acetylcholine on the activity of individual neurons in the reticular formation of the medulla oblongata. L. A. Vlkhova, IU. P. Limanskii, N. N. Frolovskii. *Fiziol. zhur.* 50 no. 11:1313-1320 N '64.

Effect of adrenaline and noradrenaline on the renal blood flow. N. P. Zakharzhevskaya. *Fiziol. zhur.* 50 no. 10:1270-1275 O '64.

Some regularities of the pressor effect of adrenaline and noradrenaline. B. N. Maunkhin. *Fiziol. zhur.* 52 no. 5:575-581 My '66.

ADRENERGIC MECHANISMS

Characteristics of the adrenergic reaction of heart muscle. B. N. Maunkhin, N. M. Viaz'mina. *Fiziol. zhur.* 50 no. 9:1122-1128 S '64.

ADRENOCORTICAL HORMONES

Hydrocortisone metabolism and adrenocortical function in cardiac insufficiency. G. A. Klimenko, O. I. Sergeev. *Kardiologiya* 4 no. 2:16-24 Mr-Apr '64.

ADSORBENTS

Adsorption properties and secondary porous structure of adsorbents having a molecular sieve effect. Report No. 13: Nature of filling of the primary porous structure of dehydrated zeolite crystals during vapor adsorption. M. M. Dubinin, E. G. Zimovskaya. *Izv. AN SSSR, Ser. khim.* no. 5:802-807 '66.

ADSORPTION

Adsorption of calcium ions by manganese dioxide from mixtures of strong electrolytes. V. V. Pushkarev, B. N. Khristalev. *Zhur. prikl. khim.* 38 no. 8:1777-1782 Ag '65.

Adsorption of ions of some metals from electrolytes on the surface of germanium, silicon, and quartz. V. S. Sotnikov, A. S. Belanovskii. *Radiofizika* 8 no. 2:171-182 '66.

Adsorption of silver, iron, and antimony ions on the surface of germanium and silicon. V. S. Sotnikov, A. S. Belanovskii, M. I. Kuznetsova. *Radiofizika* 8 no. 2:258-261 '66.

Adsorption properties of carbon adsorbents. Report. No. 7: Theoretical analysis of experimental data on equilibrium adsorption of vapors of substances on activated coals with different microporous structure. M. M. Dubinin, E. P. Polstianov. *Izv. AN SSSR, Ser. khim.* no. 5:793-801 '66.

Cesium adsorption on faces of tungsten single crystals. A. P. Ovchinnikov, B. M. Tsarev. *Fiz. tverd. tela* 8 no. 5:1493-1497 My '66.

Chemisorption of nitrogen on precipitated iron catalysts for ammonia synthesis. Part 2. R. V. Chesnokov and others. *Kin. i kat.* 7 no. 2:348-353 Mr-Apr '66.

Effect of ion-exchange cations on the adsorption selectivity of zeolite X. V. Bonachek. *Dokl. AN SSSR* 168 no. 1:126-129 My '66.

Electro-oxidation of ethylene glycol on a platinum electrode. Part 1: Adsorption of ethylene glycol from acid solutions. Jan Weber, IU. B. Vasil'ev, V. S. Bagotskii. *Elektrokhimiya* 2 no. 5:515-521 My '66.

Electro-oxidation of ethylene glycol on a platinum electrode. Part 2: Effect of the electrode potential on the adsorption of ethylene glycol. Jan Weber, IU. B. Vasil'ev, V. S. Bagotskii. *Elektrokhimiya* 2 no. 5:522-528 My '66.

Emission and adsorption characteristics of the system W - Ia. N. A. Gorbatskiy, S. Khashimova. *Fiz. tverd. tela* 8 no. 5:1441-1448 My '66.

Infrared spectra of carbon monoxide adsorbed on osmium, iridium, and platinum within a wide temperature range. N. N. Kavtaradze, N. P. Sokolova. *Dokl. AN SSSR* 168 no. 1:140-142 My '66.

Interaction of adsorbed particles in coadsorption of two substances on mercury. G. A. Todoradze, R. A. Adzhaniy, E. D. Belokoles. *Elektrokhimiya* 2 no. 5:504-511 My '66.

Measurement of the static surface tension of solutions with a long period of adsorption layer formation by the sessile bubble method within a wide temperature range. R. A. Kul'man. *Dokl. AN SSSR* 168 no. 1:149-151 My '66.

Possibility of partial desorption in the transition of chemisorbed oxygen to a higher charge state. IU. P. Solontsain. *Kin. i kat.* 7 no. 2:327-329 Mr-Apr '66.

Recombination of hydrogen atoms studied by the method of calorimetry, diffusion, and semiconducting properties. I. N. Pospelova, I. A. Miasnikov. *Kin. i kat.* 7 no. 2:196-201 Mr-Apr '66.

ADULT EDUCATION

(see also subdivision under Transcarpathia)

Cultural development of Soviet rural areas, 1943-1954. M. A. Vyl'tsan, M. P. Kim. *Vop. ist.* 41 no. 6:15-36 My '66.

Pozdnyakov, O. A., and G. I. Safronov. [People's universities of science, technology and economics: a methodological manual on the organization of the instructional process in people's universities in the technical and economic fields] *Narodnye universitety nauki, tekhniki i ekonomicheskikh nauk; metodicheskoe posobie po organizatsii uchebnogo protsesssa v narodnykh universitetakh tekhnicheskikh i ekonomicheskikh nauk*. Leningrad, 1965. 31 p. (Leningradskii nauchno-tekhnicheskoi propagandy. Seriya: Organizatsiya propagandy nauchno-tekhnicheskogo i proizvodstvennogo opyta)

ADVERTISING

Notes on advertising text. A. Markushovich. *Izv. iust.* 39 no. 5:59-62 My '66.

ADVERTISING—AERONAUTICS, COMMERCIAL see subdivision under Sochi

ADYGE AUTONOMOUS PROVINCE—THEATRE

One of the youngest. M. Saenko. *Teatr* 25 no. 9:92 S '64.

ADZHARISTAN—RADIO OPERATORS

Call signals from Adzharia. V. Grishchenko. *Radiotekhnika* 4 no. 4:10 Ap '66.

ADZHINOUR LAKE REGION—CLAY—ANALYSIS

Composition and physicochemical properties of Azerbaijan-stage clay minerals in the Lake Adzhinour region. D. A. Sultanov. *Izv. AN Azerb. SSR, Ser. geol. i geografiya* no. 4:48-57 '65.

AERIAL PHOTOGRAMMETRY

Concerning the scale of a map for air strips in known directions. R. M. Finkel'-Moliseva. *Geod. i kart.* no. 3:48-50 Mr '66.

AERIAL PHOTOGRAPHY IN OCEANOGRAPHY

Determining the heights of wind waves by single frame aerial photographs. V. G. Zdanovich. *Iz. iust. i geol. i oceanologiya* 6 no. 2:360-366 '66.

AEROBIC BACTERIA see Bacteria, Aerobic

AERODYNAMIC MEASUREMENTS

Forecasting the variations of the value of aerodynamic resistance to caving with the increase of mining depth. V. A. Lir'tsev. *Izv. vys. ucheb. zav. i gor. zhur.* 9 no. 4:47-54 '66.

AERODYNAMICS

Aerodynamics of moving and fixed layers at high rates of filtration. V. V. Chukin, H. P. Kuznetsov. *Izv. iust. i geol. i oceanologiya* 6 no. 2:360-366 '66.

Studying the Ta35-15x2 centrifugal two-way fan. V. A. Steshenko. *Izv. vys. ucheb. zav. i gor. zhur.* 9 no. 4:107-108 '66.

AERODYNAMICS, SUPERSONIC

Hypersonic gas flow about conical bodies. N. M. Makhov. *Izv. vys. ucheb. zav. i av. tekhn.* 9 no. 1:3-15 '65.

AERONAUTICAL INSTRUMENTS—TESTING

Bulovskii, P. I., and E. M. Idel'son. [Testing aeronautical instruments] *Ispytaniia aviatsetonnykh priborov*. Moskva, Mashinostroenie, 1966. 351 p.

AERONAUTICAL MUSEUMS see subdivision under Moscow

AERONAUTICAL SPORTS

(see also subdivision under Ivanovo; Moscow)

- "Earth resonance." V. Gromov. *Kryl.rod.* 16 no.4: 23 Ap '65.
- On a measured basis. N. Balakin. *Kryl.rod.* 16 no.4: 15 Ap '65.
- Outflying the wind. A. Vinokurov. *Kryl.rod.* 16 no.4: 17-18 Ap '65.
- Striving forward... V. Bocharov. *Kryl.rod.* 16 no.4: 16 Ap '65.
- Table of all-Union aviation records as of January 1, 1965. *Kryl.rod.* 16 no.4 insert:1-16 Ap '65.

AERONAUTICS

- Around the world of aviation. *Grazhd. av.* 23 no.6:28-29 Je '66.
- The Lenin squadrons. A. Novikov, D. Subbotin. *Kryl.rod.* 16 no.4:8 Ap '65.

AERONAUTICS—FLIGHTS

- A trip with obstacles. G. Kalashnik and others. *Grazhd. av.* 23 no.6:22-23 Je '66.

AERONAUTICS, COMMERCIAL

- (see also subdivision under Crimea; Krasnoyarsk Territory; Siberia; Western; Ukraine; Volodga)
- Centralization of transportation. I. Ivanishchev. *Grazhd. av.* 23 no.6:12 Je '66.
- In twenty years. Pierre Satre. *Grazhd. av.* 23 no.6:28-29 Je '66.
- A quarter of a century ago. Nikolai Asanov. *Grazhd. av.* 23 no.6:10-11 Je '66.
- The wings of the "Concorde" are ready to collapse. E. Barsukov. *Kryl.rod.* 16 no.4:30 Ap '65.

AERONAUTICS, COMMERCIAL—EQUIPMENT AND SUPPLIES

- Not a procurement man, but an organizer. V. Bocharov. *Grazhd. av.* 23 no.6:26-27 Je '66.

AERONAUTICS, COMMERCIAL—FINANCE

- Balancing profits with expenses. I. Borisov. *Grazhd. av.* 23 no.6:14-15 Je '66.
- Prospects and reserves. S. Kosobrev. *Grazhd. av.* 23 no.6:8-9 Je '66.

AERONAUTICS, MILITARY—STUDY AND TEACHING

- Planning the training process. A. Ovchinnikov, V. Puginskii. *Tekhn. i vooruzh.* 24 no.4:44-52 Ap '66.
- The squadron commander and personnel training. P. A. Babochenk. *Vest. protivovozd. obr.* no.5:11-14 My '66.

AERONAUTICS IN AGRICULTURE

- Agricultural airplane An-2M. I. U. Kirzhner. *Zashch. rast.* 11 no.1:26-27 '66.
- Contribution of aviation to agriculture. V. Nazarov. *Zashch. rast.* 11 no.5:7-10 '66.
- Winter reserves of the An-2. L. Gorekhavskaya, N. Pushkarev. *Grazhd. av.* 23 no.6:25 Je '66.

AERONAUTICS IN GEOPHYSICS

- Geological convoy of aerogeophysical routes in a mountainous and high-mountain area. O. S. Kornev, Razved. i okh. nedr 31 no.9:52-54 S '66.

AEROSOL THERAPY

- Experimental evaluation of immunization with aerosols of liquid vaccines. A. I. Danilov, I. L. Tersikh, M. E. Karpova. *Vest. AMN SSSR* 21 no.5:71-81 '66.

AEROSOLS

- Bactericidal properties of the aerosols of some disinfectants used in solutions. A. A. Zakomyrdin. *Trudy VNIIVS* 16:73-79 '66.
- Studying the possibilities of using disinfectant aerosols for the decontamination of semicovered objects. A. A. Zakomyrdin. *Trudy VNIIVS* 16:80-82 '66.
- Use of aerosols in veterinary disinfection. V. S. Larnykh. *Trudy VNIIVS* 16:50-73 '66.

AESTHETICS

- Certain aspects of the artistic image. Krystiu Goranov. *Vop. filos.* 20 no.4:80-98 '66.

Galko, I. K. [The world of labor is the world of beauty] *Mir truda - mir krasoty.* Minsk, Belarus', 1966, 85 p.

Industrial aesthetics in on the agenda. Z. Pulatov. *Stroitel. i arkhitekt. Uzb.* 7 no.3:28-29 Mr '66.

Motchanova, A. S. [De gustibus...; theoretical essay on aesthetic taste] *Na vkus, na zavet...; teoreticheski o cherk o esteticheskoy vkuse.* Moskva, Iskustvo, 1966, 198 p.

"Second reality" of art and present-day aesthetic mythology. I. I. Vinogradov. *Vop. filos.* 20 no.4:78-87 '66.

Vanslov, V. V. [Aesthetics of romanticism] *Estetika romantizma.* Moskva, Iskustvo, 1966, 401 p.

Volkov, G. N. [Traditions of the Chuvash people in aesthetic education] *O traditsiyakh chuvashskogo naroda v esteticheskoy vospitani.* Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965, 58 p.

(WU)

AESTHETICS—STUDY AND TEACHING

Our readers discuss the problems of the aesthetic education of young people. *Kommunist* 43 no.8:123-127 My '66.

Psychological prerequisites of the aesthetic training of students. P. M. Iakobson. *Sov. pedagog.* 30 no.4:93-102 Ap '66.

AFFORESTATION

Effect of the quality of pine seedlings on the viability and growth of plantations after mechanized planting. V. G. Kartelov. *Izv. vys. ucheb. zav. i tes. zhur.* 9 no.1:37-41 '66.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran.* Az. i Afr. no.4 '66.

AFRICA—COMMERCE

New materials on E. P. Kovalevskii's journey to Egypt, eastern Sudan, and western Ethiopia. B. A. Val'skaia. *Strany i nar. Vost.* no.4:180-197 '65.

AFRICA—CONSTITUTIONS

[Constitutions of the African states] *Konstitutsii gosudarstv Afriki.* Moskva, Progress, Vol. 2, 1966, 582 p.

AFRICA—ECONOMIC CONDITIONS

Dattin, S. V. [Africa yesterday and today] *Afrika vchera i segodnia.* Moskva, Znanie, 1966, 20 p.

AFRICA—GERMAN COLONIES

S. V. Averintsev's travel in Africa. E. I. Gnevashova. *Strany i nar. Vost.* no.4:198-213 '65.

AFRICA—HYDROELECTRIC POWER STATIONS

Water power in the countries of South and East Africa. I. U. D. Dmitrevskii. *Strany i nar. Vost.* no.4:175-179 '65.

AFRICA—PHYSICAL GEOGRAPHY

A contribution to the history of the physical geography zoning of Africa; based on materials of the most important studies of the country made in the 19th and early 20th centuries. M. P. Zabrodekain. *Strany i nar. Vost.* no.4:214-220 '65.

The present-day state of the problem concerning the physical geography zoning of Africa. Z. K. Vinogradova. *Strany i nar. Vost.* no.4:221-225 '65.

AFRICA—POLITICS

Dattin, S. V. [Africa yesterday and today] *Afrika vchera i segodnia.* Moskva, Znanie, 1966, 20 p.

AFRICA, EAST—PHYSICAL GEOGRAPHY

Contribution of Russian scholars to the study of nature in East Africa. M. B. Gornung, I. N. Oleznikov. *Strany i nar. Vost.* no.4:164-174 '65.

AFRICA, SUB-SAHARAN

Materials on the geography, ethnography, and history of Sub-Saharan Africa in the library of Tartu University. Estonian S. S. R. A. D. Dridzo. *Strany i nar. Vost.* no.4:232-238 '65.

AFRICA, WEST—BANKS AND BANKING, CENTRAL

Current accounts of African countries which are a part of the franc area. N. Babitsaeva. *Dokl. i kred.* 24 no.5:76-85 My '66.

AFRICA, WEST—INVESTMENTS, FOREIGN

Rumov, B. B. [The "United African Company"] "Unalted Afrika Kompani." Moskva, Nauka, 1966, 171 p.

AFRICAN LITERATURE—TRANSLATIONS INTO RUSSIAN

Africa has moved closer to us. A. Rukhadze. *Knizh. torg.* 17 no.5:36-37 My '66.

AGE

Blood vessels of the vagina and external genitalia, considering the age aspects, in various stages of pregnancy. V. A. Geyorkian. *Zhur. eksp. i klin. med.* 6 no.1:107-110 '66.

Histochemical characteristics of succinic dehydrogenase in organs of white rats with respect to their age. N. A. Levkova, F. I. Grishko. *Ark. pat.* 28 no.4:65-70 '66.

Toxicity of morphine in dogs of various ages. V. D. Roznina. *Farm. i toks.* 29 no.2:133-134 Mr-Apr '66.

AGEEV, NIKOLAI EGOROVICH

In full voice. G. Polityko. *V mire knizh* 6 no.4:30 Ap '66.

AGGLUTININS

Dynamics of the H- and O-agglutinin titers in typhoid fever patients treated with levomycin and a combination of this antibiotic with a vaccine. P. A. Allov, A. P. Kazantsev. *Zhur. mikrobiol., epid. i immun.* 41 no.6:34-41 Ap '66.

AGGREGATES

Measure of sets of geometrical elements and their subsets. A. V. Lutsenko. *Ukr. geom. sbor.* no.1:39-57 '65.

Minimization of maximal deviation. V. F. Den'shanov. *Vest. LGU* 21 no.7:21-28 '66.

Nontrivial constructive mappings of certain sets. V. A. Shurygin. *Dokl. AN SSSR* 168 no.1:40-42 My '66.

AGGREGATES (BUILDING MATERIALS)

(see also subdivision under Armenia; Moldavia; Soviet Central Asia)

Ash-slag waste as a filler for concrete. V. V. Fedorov, V. I. Zols, E. K. Machinskii. *Stroi. mat.* 12 no.4: 23 Ap '66.

Expediency of producing concrete fillers from porous carbonate rock. R. L. Mallian. *Stroi. mat.* 12 no.3:32-33 Mr '65.

Viktorov, A. M. [Determining the reaction capacity of rock filler for concrete; manual for improving the qualifications of workers engaged in hydraulic engineering construction] *Opredelenie reaktsionnoi sposobnosti gornykh porod-zapolnitelei dlia betona; posobiya dlia povysheniia kvalifikatsii rabotnikov gidrotekhnicheskogo stroitel'stva.* Moskva, Energiia, 1965, 71 p.

AGING

Analysis of the physiological mechanisms of the life span of mammals. I. A. Arshavskii. *Trudy MOIP, Otd. biol.* 17:72-86 '66.

Characteristics of the homeostatic reaction in hypoxic hypoxia in dogs of various ages. I. S. Usolbaeva. *Biul. eksp. biol. i med.* 58 no.9:34-39 S '64.

Content of fibrinogen in healthy persons of the middle, elderly, and senile ages. N. K. Zor'kina. *Probl. gemat. i perel. krovi* 11 no.4:48-49 Ap '66.

Helmintiasis and pathological aging. N. A. Savchuk. *Trudy MOIP, Otd. biol.* 17:104-110 '66.

Methods for determining the biological age in man. Francois Bourliere. *Trudy MOIP, Otd. biol.* 17:30-49 '66.

Some problems of age-related reactivity of staphylococcal infection. A. D. Ostrovskii. *Zhur. mikrobiol., epid. i immun.* 43 no.4:103-107 Ap '66.

Some trends in the study of the mechanisms of aging. O. I. Sokolnikov. *Trudy MOIP, Otd. biol.* 17:50-60 '66.

Study of insulin concentration in the blood of persons of different ages by the method of an isolated rat diaphragm. N. A. Zhukov. *Probl. endok. i gorm.* 10 no.2:99-102 Mr-Apr '64.

Ways of prevention and treatment of senilism. I. A. IV. Suprt. *Trudy MOIP, Otd. biol.* 17:151-152 '66.

AGLOPORITE

Regulating the working of the sintering process in the manufacture of agloporite. M. P. El'izov, V. N. Burmistrov. *Sbor. trud. VNISTROM* no.5:86-89 '65.

AGLYCONS

Differences between olive and aglycons of chromomycin A₃, mitramycin and anthracycline 3014. A. S. Mezentssev and others. *Dokl. AN SSSR* 160 no.1:207-210 My '66.

AGRICULTURAL ADMINISTRATION see subdivision under Kherson Province

AGRICULTURAL CHEMICALS

(see also subdivision under Germany, West)

Mixer of poisonous chemicals. V. Nasonov. *Tekhn. v sel'khoz.* 26 no.4:77 Ap '66.

The struggle for the harvest begins also in the plant. *Agitator* no.3:5-6 P '64.

AGRICULTURAL CHEMICALS—EXHIBITIONS

Chemistry protects the crops. N. Mel'nikov. *Inform. biul. VDNKH* no.5:26-27 My '66.

AGRICULTURAL CHEMICALS—SAFETY MEASURES

New sanitary regulations. *Zashch. rast.* 11 no.4:37-39 '66.

AGRICULTURAL CHEMISTRY

Plenum of the Section of Agricultural Chemistry and Fertilizers. I. K. Holyst. *Vest. sel'khoz. nauk* 11 no.4:140-151 Ap '66.

AGRICULTURAL CHEMISTRY—BIBLIOGRAPHY see Bibliography—Agricultural chemistry

AGRICULTURAL CONTRACTS see Contracts, Agricultural

AGRICULTURAL CREDIT

The bank and the collective farm. *Dokl. i kred.* 24 no.5: 44-57 My '66.

AGRICULTURAL EXPERIMENT STATIONS—DESIGN AND CONSTRUCTION see subdivision under Zernograd District

AGRICULTURAL LIBRARIES

Activities of agricultural libraries for the last five years. M. F. Fuzina. *Bibliot. SSSR* no.28:147-159 '65.

AGRICULTURAL MACHINERY

(see also subdivision under Bulgaria; Czechoslovakia; Lithuania)

Agricultural machinery in the new five-year plan. L. A. Korbut. *Zemledelie* 28 no. 4:6-10 Ap '66.

Anifero, F. E., and L. A. Rydli. [Machines and implements for growing vegetable crops] *Mashiny i orudia dlia vozdelvaniia ovoshchnykh kul'tur*. Leningrad, Kolos, 1966. 214 p.

(DNAL)

Based on the overall mechanization and electrification. P. N. Listov. *Vest. sel'khoz. nauki* 11 no. 4:9-10 Ap '66.

Grandiose program of production. *Tekh. v sel'khoz.* 26 no. 4:1-4 Ap '66.

[Instructions to agricultural machinery operators] *Puti razvitiia zemes uko mekhanizatsii*. Vilnius, Mintis, 1965. 80 p. (Zemes uko mekhanizatsii biblioteka) [in Lithuanian]

(DNAL)

Procurement news. *Zakup. sel'khoz. prod.* no. 4:44-45 Ap '66.

AGRICULTURAL MACHINERY—EXHIBITIONS

Assistants of the twentieth-century farmer. L. Seregina. *Inform. biul. VDNKH* no. 5:30-31 My '66.

International exhibition. *Zashch. rast.* 11 no. 1:31 '66.

International exhibition of agricultural machinery. *Vnesh. torg.* 46 no. 4:9-10 '66.

International exhibition of machinery. S. I. Sanina. *Zemledelie* 28 no. 4:75 Ap '66.

International showing of machinery. *Zashch. rast.* 11 no. 5:4 '66.

The new machinery for the village. L. Sikora. *Ekon. Rad. Ukr.* 9 no. 4:96 Ap '66.

Show of agricultural equipment at the Exhibition of Achievements of the National Economy. *Inform. biul. VDNKH* no. 5:1-2 My '66.

67th International Agricultural Fair-Exhibition. A. Selivanov, A. Polichenko. *Tekh. v sel'khoz.* 26 no. 4:81-84 Ap '66.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

(see also subdivision under Sobinka District)

Cleaning parts with ultrasonic devices. N. Tel'nov, V. Savchenko, I. Suravitsov. *Tekh. v sel'khoz.* 26 no. 4:69-70 Ap '66.

[Repair of tractors, motor vehicles and agricultural machines] *Remont traktorov, avtomobilov i sel'skokhoziaistvennykh mashin*. [By] V. D. Chistiakov i dr. Moskva, Kolos, 1966. 422 p. (Uchebnykh i uchebnye posobia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)

AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

For you, farmer! *NTO* 8 no. 5:49-51 My '66.

AGRICULTURAL MACHINERY—TRANSMISSION DEVICES

El'mov, V. A. [Assembly and use of V-belt transmissions for agricultural machinery] *Montazh i ekspluatatsiia klinoremennykh peredach sel'skokhoziaistvennykh mashin*. Moskva, Bluro tekhn. informatsii, 1965. 14 p. (Peredovoi pyt' i predlozheniia. Seria 1; Remont mashinno-traktornogo parka)

(DNAL)

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL PESTS

Grushevoi, S. E. [Agricultural phytopathology] *Sel'skokhoziaistvennaya fitopatologiya*. Moskva, Kolos, 1965. 446 p. illus. (Uchebnykh i uchebnye posobia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (CU)

AGRICULTURAL PHYSICS

Some problems of cybernetics in plant growing. V. G. Karmanov, V. N. Savin. *Sbor. trud. po agron. fiz.* no. 12:59-65 '65.

Use of radiometric methods in vegetable gardening. A. I. Zaitsev. *Sbor. trud. po agron. fiz.* no. 12:134-139 '65.

AGRICULTURAL POLICY

Creative farming. I. Sinagin. *Agitator* 34 no. 11:23-26 Je '66.

Let us carry out the decisions of the plenary session of the Central Committee of the CPSU in May 1966. *Kommunist* 43 no. 8:3-8 My '66.

Majestic tasks. *Zashch. rast.* 11 no. 3:1-3 '66.

On the road to the building of communism. *Gidr. i mel* 18 no. 3:1-4 My '66.

The path toward high and stable yields. Part. *zhizni* no. 11:3-7 Je '66.

Responsible tasks. *Zemledelie* 28 no. 4:2-5 Ap '66.

Some agrarian problems of capitalism and bourgeois theories. B. Kuznetsov. *Vop. ekon.* no. 4:95-105 Ap '66.

AGRICULTURAL RESEARCH

(see also subdivision under Irkutsk Province; Leningrad District; Moscow Province; Sverdlovsk)

Annual general meetings of the branches of the All-Union Academy of Agricultural Sciences. *Vest. sel'khoz. nauki* 11 no. 4:126-147 Ap '66.

Biology in the service of agriculture. N. V. Tsitsina. *Priroda* 55 no. 5:11-12 My '66.

Science in the service of the harvest. D. D. Moldavskii, Z. A. Tyrichcheva. *Zemledelie* 28 no. 4:10-18 Ap '65.

Tasks of science in raising the standards of agriculture and animal husbandry. P. P. Lobanov. *Vest. sel'khoz. nauki* 11 no. 4:1-6 Ap '66.

AGRICULTURAL WAGES

Miroshnikov, V. D., and others. [The piecework-bonus wage system on state farms] *Akkordno-premiial'naya sistema opлаты truda v sovkhkhakh*. Pod red. F. M. Ovchinnikova. Moskva, Rosset'khozizdat, 1966. 106 p.

AGRICULTURAL WAGES—BIBLIOGRAPHY see Bibliography—Agricultural wages

AGRICULTURAL WORKERS

(see also subdivision under Volgograd Province)

[Manual on the working conditions for agricultural workers or the R. S. F. S. R.] *Spravochnik po usloviiam truda rabotnikov sel'skogo khoziaistva RSFSR*. Moskva, Rosset'khozizdat, 1966. 429 p.

AGRICULTURAL WORKERS—DISEASES AND HYGIENE

Electrocardiographic changes in workers exposed to organic chlorine insecticides. E. P. Krasnuk. *Sov. med.* 28 no. 5:134-137 S '64.

AGRICULTURAL WORKERS—EDUCATION AND TRAINING

Soil is waiting. *El'mo Druts. Sem'ia i shkola* 21 no. 4:40-41 Ap '66.

AGRICULTURE

(see also subdivision under Bessarabia; Estonia; L'vov District; Lithuania; Novosibirsk; Ukraine)

Agronomical documentation. G. Zhivalevskii. *Zemledelie* 28 no. 4:60-61 Ap '66.

Discussing the most important problems; a review of newspapers. Part. *zhizni* no. 12:76-77 Je '66.

Greater feat of the people. N. Anisimov. *Agitator* no. 3:10-13 F '64.

Important tasks of the political work. *Agitator* 34 no. 11:3-6 Je '66.

AGRICULTURE—ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals] *Sel'. khov.; sist. ukaz. st. v inostr. zhur.* no. 3 '66.

AGRICULTURE—ACCOUNTING

In the Ministry of Finance of the U. S. S. R. *Bukhlg. uchët* 21 no. 12:71-75 D '64.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

What the agricultural economists discussed. N. Linkin. *Vop. ekon.* no. 4:148-150 Ap '66.

AGRICULTURE—ECONOMIC ASPECTS

(see also subdivision under China; Kuybyshev Province; Siberia; Western; Ukraine)

Commodity and monetary relations and planning for agricultural production. M. Terent'ev. *Vop. ekon.* no. 4:42-53 Ap '66.

[Economics handbook for the agricultural propagandist] *Ekonomicheskii spravochnik sel'skogo propagandista*. Moskva, Politizdat, 1966. 390 p.

Mikheeva, V. S. [Mathematical methods in the planning of the distribution of agricultural production] *Matematicheskie metody v planirovanii razmeshcheniia sel'skokhoziaistvennogo proizvodstva*. Moskva, Ekonomika, 1966. 101 p.

Young scholars first steps. V. Timofeev. *Vop. ekon.* no. 4:156-157 Ap '66.

AGRICULTURE—EXPERIMENTATION

(see also subdivision under Ukraine)

Koval'ev, V. N., ed. [Experimentation in crop cultivation and animal husbandry] *Opytnicheskaia rabota po potovodstvu i zhivotnovodstvu*. Minsk, Narodnaia osveta, 1966. 69 p.

(DNAL)

Let's improve the pedagogical efficiency of agricultural experimentation. M. A. Nikolaev. *Sov. pedagog.* 30 no. 4:77-84 Ap '66.

AGRICULTURE—HYGIENIC ASPECTS see subdivision under Leningrad District; Volyn' Province

AGRICULTURE—LABOR PRODUCTIVITY

(see also subdivision under Ukraine)

Fall into line with the beacons. *Agitator* no. 3:3-4 F '64.

Increase labor productivity in sugar beet production. I. F. Buzanov. *Vest. sel'khoz. nauki* 11 no. 4:11-12 Ap '65.

AGRICULTURE—STUDY AND TEACHING

Cultural development of Soviet rural areas, 1933-1944. M. A. Vytsian, M. P. Kim. *Vop. ist.* 41 no. 5:15-26 My '66.

Organizing the admission of students to our technical school. P. B. Mikadze. *Sred. spets. obr.* 13 no. 4:38-40 Ap '66.

Student brigades at a new stage. N. Vuklov. *Nar. obr.* no. 5:67-70 My '66.

Work on a school experimental lot in summer. V. F. Het'man. *Rad. shkola* 45 no. 5:76-77 My '66.

AGRICULTURE—TABLES AND READY-HECKKONKS

Podliaghi, M. E. [Mathematical processing of agronomical and zootechnical observations; theoretical and practical sections] *Matematicheskaia obrabotka agronomicheskikh i zootechnicheskikh nabludenii; teoreticheskaia chast' i praktikum*. Krasnodar, Krasnodarskoe knizhnoe izd-vo, 1965. 147 p. (Krasnodar, Kubanskii sel'skokhoziaistvennyi institut. *Trudy*, no. 12)

AGRICULTURE—TEACHER TRAINING see subdivision under Latvia

AGRICULTURE—TECHNOLOGICAL INNOVATIONS

Suggestions for rural innovators. *Izobr. i rats.* no. 4:23-24 Ap '66.

AGRICULTURE—YEARBOOKS

[Agricultural calendar for 1966] *Lauksaimniecibas kalendars 1966*. Riga, Liesma, 1965. 302 p. [in Latvian]

AGRICULTURE, COOPERATIVE

(see also subdivision under Siberia, Western)

The results of collectivization. M. Akhmedov. *V mire* 14 no. 4:46 Ap '66.

AGRICULTURISTS

Authority of an agronomist is increasing. G. P. Trandeflov. *Zemledelie* 28 no. 4:76-77 Ap '66.

An important and necessary document. D. N. Apakhtin. *Zemledelie* 28 no. 4:78 Ap '66.

More duties more responsibilities. V. M. Mishin. *Zemledelie* 28 no. 4:79 Ap '66.

Role of an agronomist is increasing. E. E. Safonov. *Zemledelie* 28 no. 4:77-78 Ap '66.

We want to work even better. A. D. Adadurov. *Zemledelie* 28 no. 4:78 Ap '66.

We will justify the concern about agronomists. I. I. Kuzin, I. A. Sorokina. *Zemledelie* 28 no. 4:77 Ap '66.

AIDS TO NAVIGATION

Instrumental checking of navigational leading lines. D. Aroschenko. *Rech. transp.* 23 no. 2:30 F '64.

AIR

Dynamic viscosity of dry air. E. A. Baghanly. *Izv. AN Azerb. SSR, Ser. geol. -geog. nauk* no. 5:84-59 '65.

AIR—POLLUTION

Methods for determining the pollution of city streets by exhaust gases of motor vehicles. V. Chalkov. P. Aramian. *Protn. Arm.* 9 no. 3:22-24 Mr '66.

AIR, IONIZED

Electricity in the "pastures of life." L. Golovanov. *NTO* 8 no. 5:13-18 My '66.

AIR, IONIZED—PHYSIOLOGICAL EFFECT

Effect of ionized air on calves in a preventorium. G. K. Volkov, I. A. Andreev. *Veterinaria* 42 no. 4:92-93 Ap '66.

AIR, IONIZED—THERAPEUTIC USE

Effect of unipolar negative aerolization on the motor reaction of the skeletal muscle in man. I. G. Shemetilov, E. V. Molchanov. *Vop. kur. i fizioter. i lech. fiz. kul't.* 28 no. 5:433-435 S-O '64.

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

Magic circle. M. Sedyshev. *Okhr. truda i zola, strakh.* 8 no. 3:32 Mr '65.

AIR DEFENSES, MILITARY

How the party orders. V. A. Sudets. *Vest. protivovozd. obr.* no. 5:3-6 My '66.

Training of plotters. V. M. Mikhailov. *Vest. protivovozd. obr.* no. 5:45-47 My '66.

AIR DEFENSES, MILITARY—STUDY AND TEACHING

Brief tactical exercises. S. F. Bagatskii, K. D. Zaitsev. *Vest. protivovozd. obr.* no. 5:37-38 My '66.

AIR FILTERS

Modernized filter for the removal of mercury vapors from the air. A. F. Rumova. Elektr. teplotnaya 10 no. 1:24-25 Ja '66.
New filter for air-blast switches. F. I. Skizkov. Elektr. sta. 36 no. 3:73-74 Mr '66.

AIR FORCES see subdivision 'Air force' under United States

AIR PILOTS—CORRESPONDENCE, REMINISCENCES, ETC.

The literary works of pilots. S. Volkov. V mire knig 6 no. 4:29 Ap '66.

AIR PREHEATERS

Rebuilding of the shaft of a regenerative type air preheater. I. A. Botkachik, B. Sh. Malorskiy, E. V. Meier. Elektr. sta. 37 no. 3:76-79 Mr '66.

AIR-SPEED INDICATORS

Fast and accurate. N. N. Mimiruk. Vest. protivovozd. no. 5:79 My '66.

AIR TRAFFIC CONTROL

Flight management. V. I. Kolladin. Vest. protivovozd. obor. no. 5:19-22 My '66.

AIR WARFARE

Area of possible attacks of an interceptor. A. M. Tytchenko. Vest. protivovozd. obor. no. 5:39-44 My '66.

From low altitudes. M. V. Shelekhov. Vest. protivovozd. obor. no. 5:85-98 My '66.

AIRFOILS

Separating flow about a fluctuating airfoil. V. A. Usen-skiy. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:146-155 '66.

AIRPLANE INDUSTRY see subdivision under Great Britain

AIRPLANES

Tu-144, the airship of the near future. A. N. Tupolev. Grazhd. av. 23 no. 6:1-4 Je '66.

AIRPLANES—CONTROLS

Equations of the motion of airplane rudders controlled by an electric pulse autopilot with rigid feedback. G. M. Trakhtenberg. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1: 80-89 '66.

AIRPLANES—DESIGN AND CONSTRUCTION

Obraztsov, I. F. [Variational methods for calculating thin-walled three-dimensional aircraft structures] Variatsionnye metody rascheta tonkostennyykh aviatsionnykh prostranstvennykh konstruktov. Moskva, Mashinostroyeniye, 1966. 391 p.

AIRPLANES—HYDRAULIC EQUIPMENT

Air "locks" in a hydraulic system. V. Filimonov. Tekhn. i vooruzh. 24 no. 1:64-67 Ja '66.

Pressures in sealing grooves of hydraulic units. P. I. Blinov. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:90-99 '66.

AIRPLANES—MODELS

At the starts of the Spartakiada. B. Delfman and others. Kryn. rod. 16 no. 4:29 Ap '66.

Experimental airplane modeling in higher aviation schools. A. Vasiliev. Kryn. rod. 16 no. 4:26 Ap '66.

Polapov, V. N., and I. S. Khukhra. [Flying radio-controlled airplane models] Pilotazhnye radioupravlyemye modeli samoletov. Moskva, DOSAAF, 1965. 117 p.

AIRPLANES—TAKE-OFF

Coefficient of the increase in starting weight of aircraft. V. I. Polikovskiy, A. A. Radiagin. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:161-164 '66.

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR

Economize in the great and small. R. V. Kalmykov. Vest. protivovozd. obor. no. 5:54-58 My '66.

For an outstanding technical and operating section. A. Isheev. Tekhn. i vooruzh. 24 no. 1:38-39 Ja '66.

AIRPORTS see subdivision under Gdansk (Georgia); Leningrad

AIRPORTS—EQUIPMENT AND SUPPLIES

Color of the automotive transportation of airports. A. Dneprovskiy. Tekhn. est. no. 2:15-18 F '65.

AIRPORTS—RUNWAYS see subdivision under Poland

AIRPORTS—SOUNDPROOFING

Assembling acoustical ceilings with the help of telescopic and swivel installation machinery. E. V. Patsko, Mekh. stroit. 22 no. 4:11-12 Ap '65.

AIRSHIPS

Dirigibles. M. Petrov. Kryn. rod. 16 no. 4:27-28 Ap '66.

AIR-SUPPORTED STRUCTURES

Ionov, L. P. [From the lightest materials; mountable-dismountable and inflatable structures made of plastic] Iz sanykh legkikh materialov; o sborno-razbornykh i naduvnykh sooruzheniyakh iz plastikov. Moskva, Stroitel'stvo, 1966. 80 p. (Nauchno-popul'naya seriya)

AITMATOV, CHINGIZ, 1928-

Voices of our time; notes on the theatrical season in Moscow. G. Dubasov. Teatr 25 no. 9:16-25 S '64.

AK-GEL, LAKE—REED (BOTANY)

Reeds of the Ak-Gel' lakes, their productivity and significance for nutria raising. V. V. Vinogradov. Bot. zhur. 51 no. 2:259-273 F '66.

AKHAN-GARAN (UZBEKISTAN)—CEMENT INDUSTRIES

Problem of manufacturing high-strength and specially fast hardening cement at the Akhan-Garan Cement Plant. F. N. Vakhitov, I. S. Kantsepo'skiy. Stroitel'stvo. Uzb. 7 no. 3:15-18 Mr '66.

AKHTALA REGION (ARMENIA)—ORE DEPOSITS

Mineralized boulders of quartz plagioporphyries in the Akhtala deposit (northern Armenia). S. A. Zograbian. Izv. AN SSSR, Ser. geol. 31 no. 5:96-104 My '66.

AKHTALA REGION (ARMENIA)—PORPHYRY

Mineralized boulders of quartz plagioporphyries in the Akhtala deposit (northern Armenia). S. A. Zograbian. Izv. AN SSSR, Ser. geol. 31 no. 5:96-104 My '66.

AKHUNBADAYEVSKIY DISTRICT—COLLECTIVE FARMS

University of the everyday life on a collective farm. A. Agishev. Agitator 34 no. 11:33-34 Ju '66.

AKMOLINSK see Tselinograd

AKMOLINSK PROVINCE see Tselinograd Province

AKOPIAN, AKOP, 1866-1937

Akop Akopian; on the centenary of his birth. S. Manukyan. V mire knig 6 no. 4:25-27 Ap '66.

A contemporary of a great epoch; the centenary of Akop Akopian's birth. M. F. Dmytrilenko. Ukr. ist. zhur. 19 no. 5:133-136 My '66.

AKTYUBINSK PROVINCE—WHEAT

Spraying wheat in Aktubinsk Province. I. G. Tsygankov. Zemledelie 28 no. 4:30-33 Ap '66.

ALAGEZ, MOUNT see Aragats, Mount

ALANINE

Phenylalanine and tyrosine metabolism and its regulation by thyroid hormones in the brain of white rats. S. I. A. Kaplonskiy, Zh. I. Akopian. Biokhimiya 31 no. 2:265-269 Mr-Apr '66.

ALATAU, DZUNGARIAN see Dzungarian Alatau

ALATAU, KUZNETSK see Kuznetsk Alatau

ALATAU, TALAS see Talas Alatau

ALATAU, TERSKEI see Terskai Alatau

ALATAU, ZAILIYSKIY see Trans-Ili Alatau

ALAVERDI DISTRICT—GEOLOGY, STRATIGRAPHIC

New data on the boundary of the distribution of the Eocene and Jurassic in Alaverdi District of the Armenian S. S. R. S. V. Kazarian. Izv. AN Arm. SSR. Nauki o zem. 10 no. 1:243-61 '66.

ALAY RANGE—FOREST FAUNA

Occurrence of some representatives of the spruce forest fauna of the Tien Shan in the Alay and Trans-Alay Ranges. R. N. Meklenburtsev. Zool. zhur. 45 no. 5:778-779 '66.

ALCOHOL

Calculation methods for the conversion of alcohols of various concentrations. E. L. Marbutis. Farmatsev. zhur. 19 no. 2:87-88 '64.

ALCOHOL—THERAPEUTIC USE

Data on the injection of 70% alcohol on tissue of the tonsils in chronic tonsillitis and the possibilities of its use for therapeutic purposes. K. G. Shukarian. Zhur. eksp. i klin. med. 6 no. 1:41-46 '66.

ALCOHOL DEHYDROGENASE

Study of the surface-active properties of alcohol dehydrogenase of yeast by adsorption polarography method. G. B. Bistrickatse, I. D. Ivanov. Dokl. AN SSSR 168 no. 3:894-896 My '66.

ALCOHOLISM

Dimin, O. L. [Against the green serpent; true story about the harm of drunkenness] Protiv zelenogo zmeystvennogo rasskazy o vrede p'ianstva. Izd. 2. Moskva, Meditsina, 1966. 53 p. (Nauchno-popul'naya literatura)

ALCOHOLS

Direct method of determining β -nitro alcohols. V. M. Senenko, E. G. Aksenenko, E. N. Gromova. Zav. lab. no. 1:19-21 '66.

Effect of monomolecular film from fatty alcohols, used as an evaporation depressor, on the biological balance in the bodies of water. T. M. Meshkova. Gidrobiol. 2 no. 2:3-6 '66.

Esters of aliphatic and cyclic alcohols; synthetic oil. I. B. Rapoport and others. Neftekhimiya 4 no. 6:9-923 N-D '64.

Gas liquid chromatography analysis of a $C_4 - C_7$ alcohol mixture. I. B. Kigan and others. Neftekhimiya 4 no. 6:924-931 N-D '64.

Pharmacological properties of 4 new esters of aromatic acids and amino alcohols. P. P. Denisenko, K. A. Litsitsina. Farm. i toks. 29 no. 2:146-151 Mr-Apr '66.

Present state of the automation of the transformation of ether into alcohol and problems in the optimization of this process. V. V. Iusifov. Za tekhn. prog. 4 no. 11 Mr '64.

Reaction of di-n-propylchloro(alkoxy)ethanes with alcohols. G. T. Fedorova, N. P. Kharitonov. Zhur. ob. khim. no. 5:930-904 My '66.

Synthesis and transformations of oxygen-containing substituted organogermanium compounds. Part 39: Synthesis and transformations of some organogermanium hydride ethylene alcohols. I. A. Shikhiev, N. D. Abdulaev, M. I. Aliev. Zhur. ob. khim. 36 no. 5:942-99 My '66.

Synthesis of nitroalkyl esters of boric acid. L. M. K. V. I. Burmistrov, T. F. Telkova. Izv. vys. ucheb. zav. khim. i khim. tekhn. 9 no. 1:63-64 '66.

ALDAN VALLEY—DIATOMS, FOSSIL

Diatom alveolar algae in the upper Aldan Valley. I. A. Pirumova. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2: 126 Mr-Apr '66.

ALDEHYDES

Synthesis and some transformations of α -silicon acetaldehyde. N. V. Komarov, O. G. Arash, L. N. Asanova. Zhur. ob. khim. 36 no. 5:907-909 My '66.

ALDER see subdivision under Bryansk Province

ALDOLASE

Evaluation of the aldolase test and the filter of hetero-antibodies in the serum in Botkin's disease. D. Zibitsker. Zhur. mikrobiol., epid. i immun. 41 no. 1:155-161 '64.

ALDOSTERONE

Aldosterone antagonists in the treatment of cardiac failure. V. A. Konotachenko, E. N. Gerasimova. Kardiologiya 4 no. 2:76-86 Mr-Apr '64.

Modern conceptions on the mechanism of the regulation of the secretion of aldosterone; a review of the literature. F. M. Egart, E. R. Bagramian, T. I. Ivanenko. Pat. izob. i eksp. terap. 10 no. 2:293-99 Mr-Apr '66.

ALEXANDRIYA DISTRICT—FERTILIZERS AND MANURES

Soil requires our care. I. U. Andreichenko. Agitator no. 3:42-44 F '64.

ALEKSEEV, GEORGI ALEKSEEVICH, 1906-

Georgii Alekseevich Alekseev; on his 60th birthday. Probl. geniat. i perel. krovi 11 no. 3:62-63 Mr '66.

ALEKSEEV, MIKHAIL NIKOLAEVICH, 1918-

Until the next meeting. Semen Borzunov. Sov. voln. 48 no. 6:29-32 Ap '66.

ALEKSEEV, MIKHAIL PAVLOVICH, 1890-

Academician Mikhail Pavlovich Alekseev; on his seveneth birthday. V. P. V. V. chinskii. Izv. AN SSSR, Ser. i izn. 25 no. 2:167-169 Mr-Apr '66.

ALEUTIAN ISLANDS—EARTHQUAKES

Long-period waves of the Aleutian earthquake on February 2, 1965, recorded by quartz extensometers. E. F. Savarenskiy, and others. Izv. AN SSSR. Fiz. no. 5:33-42 '66.

ALFALFA—FERTILIZERS AND MANURES see subdivision under Fergana Valley

ALFALFA—IRRIGATION see subdivision under Volga Valley

ALGAE

(see also subdivision under Dnieper River; Khlibny Mountains; Murmansk region)

Automatic photometer for measuring the density of unicellular algae. A. B. Brandt, E. I. Akopov, Mikrobiologiya 35 no. 2:362-373 Mr-Apr '66.

Combine for collecting Abafellia. G. N. Magdeharov. Ryb. khoz. 42 no. 3:37-39 '66.

Study of the resting potential of individual cells of the alga Nitella flexilis. Report No. 1: Changes in the resting potential during cell stimulation by light and darkness. G. A. Volkov. Tsitologiya 6 no. 4:427-431 Ji-Ag '64.

Use of unicellular algae in the purification of the waste waters of synthetic fiber manufactures. G. M. Palamar-Mordvinseva and others. Khim. volok. no. 3:61-62 '66.

ALGAE—CULTURES AND CULTURE MEDIA

Changes in the biosynthesis of fatty acids due to nitrogen deficiency in *Chlorella pyrenoidosa*. G. L. Klichko-Gurvich, T. A. Zhukova. Fiziol. rast. 13 no. 1:15-24 Ja-F '66.

Characteristics of mineral nutrition in *Chlorella* under conditions of nitrogen deficiency. E. D. Kuznetsov. Fiziol. rast. 13 no. 1:25-29 Ja-F '66.

Cultivation of *Lyngbya aestuarii* under laboratory conditions. M. S. Odoyevskaya. Mikrobiologiya 35 no. 2:365-368 Mr-Apr '66.

Lysis of the blue-green alga *Microcystis pulveracea*. L. I. Rubanchuk and others. Mikrobiol. zhur. 28 no. 2:88-91 '66.

Mineral nutrition of *Anabaena variabilis*. V. A. Kordina and others. Mikrobiol. zhur. 28 no. 3:58-63 '66.

Study of the autolysis process in *Chlorella*. S. I. Chernykh, M. A. Ratushina. Mikrobiol. zhur. 28 no. 3:54-59 '66.

Viruses in blue-green algae. V. O. Horiushyn, S. M. Chaplynska. Mikrobiol. zhur. 28 no. 2:94-97 '66.

ALGAE, FOSSIL—CONGRESSES

First All-Union Paleogeological Conference. Geol. i geofiz. no. 2:153-156 '66.

ALGEBRAIC CURVES see Curves, Algebraic

ALGEBRAS, LINEAR

Vislavskii, M. N. [Linear algebra and linear programming]. Lineinaya algebra i lineinoe programmirovaniye. Mosk., Vysshaya shkola, 1966. 221 p.

ALGORITHMS

Automation of the synthesis of discrete automata based on an algorithmic logical language for representing algorithms of synthesis. A. D. Zakrevskii. Vych. sist. no. 10:5-33 '65.

Fundamentals of algorithms for calculations by means of electronic digital computers in determining expedient schedules of electrification of railroads. A. M. Makarovskii. Trudy MFT no. 217:162-199 '66.

Landa, L. N. [Algorithms and teaching]. Algoritmy i znanie v obucheni. Pod obshch. red. I. S. Vstup. stat'ei B. V. Gnedenko i B. V. Biriukova. Moskva, Prosveshchenie, 1966. 522 p.

ALISHIR, MIR, called al-NAWAI, 1441-1501

Poetry of great humanism. A. A. Valitova. Izv. AN Kazakh. SSR. Ser. obshchestv. 4 no. 2:46-54 Mr-Apr '66.

ALIEV, ABDUL GADZHEVICH, 1911-1965

A. G. Aliev; obituary. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:112-113 '65.

ALIMENTARY CANAL

lye methionine into the proteins of the gastrointestinal tract. L. L. Ukhanova. Biol. eksp. biol. i med.

CANCER see subdivision

DISEASES

extrahepatic biliary tract and act in bile duct obstruction of J. K. Blokh. Khim. khir. no. 7:

line and alkali soils

VATES

oralmates of potassium, rubid- f. Mal'tsev, G. A. Bukhalova. Izv. khim. tekhn. 9 no. 1:151-153 '66

aluminate-alkali solutions at 250 tein, E. A. Matsenok. Zhur. 366-1868 Ag '65.

NATES

quaternary reciprocal system $2\text{CO}_2 + \text{K}_2\text{CO}_3 + \text{H}_2\text{O}$ at 0 and 10 others. Izv. AN Arm. SSR. 15-551 '63.

System $2\text{Li}^+ + 2\text{Na}^+ + 10\text{H}^+ + \text{CO}_3^{2-} + \text{H}_2\text{O}$ at 100° C. L. S. Ikina, N. M. Chaplygina. Zhur. neorg. khim. 11 no. 4: 878-885 Ap '66.

ALKALI METAL CHLORIDES

Interaction of europium (III) and terbium chlorides with sodium and potassium chlorides. B. G. Korshunov and others. Zhur. neorg. khim. 11 no. 5:1013-1017 My '66.

Properties of compounds formed by tetravalent niobium tetrachloride and oxychloride with alkali metal and ammonium chlorides. L. S. Morozov, N. P. Lipatova. Zhur. neorg. khim. 11 no. 5:1018-1024 My '66.

Systems $\text{NbCl}_5 - \text{Rb}(\text{Cs})\text{Cl}$. V. V. Safonov, B. G. Korshunov, T. N. Ziminina. Zhur. neorg. khim. 11 no. 4:905-909 Ap '66.

Ternary system consisting of lithium, potassium chlorides and calcium chromate. A. S. Arabadzhian, A. G. Bergman. Ukr. khim. zhur. 32 no. 5:539-541 '66.

ALKALI METAL FLUORIDES

System $\text{Na}^+, \text{K}^+, \text{PO}_4^{3-}, \text{F}^-$. G. A. Bukhalova, I. V. Mardirosova. Zhur. neorg. khim. 11 no. 4:920-925 Ap '66.

Systems $\text{ZrF}_4 - \text{Na}(\text{K}, \text{Rb}, \text{Cs})\text{F} - \text{H}_2\text{O}$. I. V. Tananaev, L. S. Guzeva. Zhur. neorg. khim. 11 no. 5:1096-1102 My '66.

ALKALI METAL HALIDE CRYSTALS

Temperature variations in internal friction of alkali halide crystals. A. A. Botkin. Izv. vys. ucheb. zav. i fiz. 9 no. 2:157-159 '66.

ALKALI METAL HALIDES

Solid solutions of alkali metal halides. V. E. Plushchey, R. G. Samuseva. Zhur. neorg. khim. 11 no. 5:1189-1194 My '66.

ALKALI METAL NITRATES

Systems of vanadium pentoxide with potassium and sodium nitrates. M. V. Mokhosev, S. M. Aleikina, P. I. Fedorov. Zhur. neorg. khim. 11 no. 5:1206-1209 My '66.

ALKALI METAL PHOSPHATES

System $\text{Na}^+, \text{K}^+, \text{PO}_4^{3-}, \text{F}^-$. G. A. Bukhalova, I. V. Mardirosova. Zhur. neorg. khim. 11 no. 4:920-925 Ap '66.

ALKALI METAL SILICATES

Stability diagram of the quaternary reciprocal system $\text{Na}_2\text{SiO}_3 - \text{K}_2\text{SiO}_3 - \text{Na}_2\text{CO}_3 - \text{K}_2\text{CO}_3 - \text{H}_2\text{O}$ at 0 and 25° C. G. G. Babalan and others. Izv. AN Arm. SSR. Khim. nauch. 18 no. 6:545-551 '65.

ALKALI METAL SULFATES

Double sulfates of rubidium and lithium. I. S. Rassonskaya, N. K. Semendina. Zhur. neorg. khim. 11 no. 5:1134-1141 My '66.

Systems $\text{Li}, \text{K}, \text{Rb} \parallel \text{SO}_4$ and $\text{Li}, \text{Na}, \text{Cs} \parallel \text{SO}_4$. G. G. Diogenov, V. I. Ermachkov. Zhur. neorg. khim. 11 no. 5:1220-1222 My '66.

ALKALI METALS

Action of alkali metals on aluminum lithium hydride. L. I. Zakharukin, V. V. Gavrilenko. Zhur. neorg. khim. 11 no. 5:977-980 My '66.

ALKALI METALS—PHYSIOLOGICAL EFFECT

Effect of potassium, rubidium and cesium ions on the resting potential of muscle fibers of the crab *Cardinus maenas*. I. S. Magura. Tsitologiya 6 no. 4:431-433 Ji-Ag '64.

ALKALIES

Rapid analysis of a tricomponent alkaline solution. T. M. Chernysheva. Zav. lab. 32 no. 1:27 '66.

System $2\text{Li}^+ + 2\text{Na}^+ + 10\text{H}^+ + \text{CO}_3^{2-} + \text{H}_2\text{O}$ at 100° C. L. S. Ikina, N. M. Chaplygina. Zhur. neorg. khim. 11 no. 4:878-885 Ap '66.

ALKALINE EARTH COMPOUNDS

"Sakhat", a new calcium and magnesium carbonate borate. I. V. Ostrovskaya, N. N. Portsev, I. D. Nikitina. Zap. Vses. min. ob-va 95 no. 2:193-202 '66.

ALKALOIDS

Effect of hydrogenated ergot alkaloids on the process of blood coagulation. I. E. Akopov, I. A. Levin, V. M. Iadrova. Biol. eksp. biol. i med. 58 no. 9:88-91 S '64.

Extraction-photometric methods for the determination of alkaloids. Report No. 1: Acid-base properties of components and the effect of pH on the extractability of alkaloid compounds with acid dyes. A. K. Babko, V. S. Konushko. Zhur. anal. khim. 21 no. 4:436-440 '66.

Paper microelectrophoresis and color indication of alkaloids. A. M. Efimenko. Farmatsev. zhur. 21 no. 2:32-34 '66.

Quantitative determination of rauwolfia alkaloids in the preparation ramatin. M. I. A. TSarenko, M. S. Shraiber. Farmatsev. zhur. 19 no. 2:34-37 '64.

Spectrophotometric method of the analysis of some alkaloid salts and their synthetic substitutes. Individual- ly and in medicinal mixtures. Report No. 2. F. E. Kaban and others. Farmatsev. zhur. 20 no. 3:14-17 '65.

ALKENES see Olefins

ALKOXY GROUPS

Carbalkoxylation reactions. Part 2: Hydrocarboalkoxy- lation of some olefins and cycloolefins by means of formic acid. M. B. Ordian, T. A. Kant, I. A. T. Eklun. Izv. AN Arm. SSR. Khim. nauch. 18 no. 6:578-584 '65.

ALKYLATION

Alkylating cyclopentane with a $\text{C}_5\text{-C}_6$ composition. I. Kh. Freidlin, N. M. Nazarova, D. I. Badalova. Neftekhimika 4 no. 6:839-843 N-D '64.

Alkylation of organomercury compounds by triaryl- bromomethane. I. P. Deletskaya, O. A. Maksimenko, O. A. Reutov. Dokl. AN SSSR 168 no. 2:333-336 My '66.

Alkylation of phenols with higher olefins. O. N. Tkachenko and others. Khim. prom. 42 no. 5:322-329 My '66.

α -Cyanoalkylation. Part 2: Preparation and properties of α -fluoro-substituted nitriles. P. O. Gittel', T. G. Sp'ridonova, A. I. A. Iakubovich. Zhur. ob. khim. 36 no. 5: 871-874 My '66.

α -Cyanoalkylation. Part 3: Some properties of α -fluoro- nitriles. A. I. A. Iakubovich, P. O. Gittel'. Zhur. ob. khim. 36 no. 5:874-878 My '66.

Means for redesigning plant installations of isobutane alk- ylation by butylenes. E. G. Vol'pova, N. G. Shid'kovskii. Neftepr. i neftekhim. no. 9:31-37 '66.

ALLANTITE

X-ray study of epidote—orthite group minerals. N. M. Kuznetsov, V. A. Khvostova. Geokhimiya no. 7:660-671 Ji '64.

ALLERGY

Allergic reactions in the preventive treatment of rheumat- ic fever with bicillin and aspirin. A. U. Bolodina, V. A. Komarova. Sov. med. 28 no. 9:91-96 S '64.

Allergy in tuberculous nursing in infants and young children. T. S. Berezhninskaya. Probl. tub. no. 9:26-29 '64.

Device for trapping fungous aeroallergens. Kh. I. Gali- keev. Lab. delo no. 4:242-243 '66.

Effect of cortisone on the development of tuberculin allergy: experimental study. V. I. Ermolov, K. I. Vol- chencko. Probl. tub. no. 5:75-79 '64.

Experimental allergic encephalomyelitis in dogs. E. F. Stebikhova. Pat. fiziol. i eksp. terap. 10 no. 2:68-73 Mr-Apr '66.

Infectious allergy. Report No. 2: Allergy manifestation with no relation to immunity. A. T. Kravchenko, I. I. Privalova. Zhur. mikrobiol., epid. i immun. 43 no. 4:3-7 Ap '66.

Mechanism of bacterial allergy. "Transport factor" in white blood cells in bacterial allergy and amphyloxia. G. P. Kudrina. Arkh. pat. 20 no. 4:33-45 '65.

Significance of I. L. Krichinskii's works in the study of the mechanism of acquired immunity and allergy. A. T. Kravchenko. Zhur. mikrobiol., epid. i immun. 41 no. 8:122-120 Ag '64.

Study of allergic alterations in lymphoid cells in experi- mental encephalomyelitis. T. M. TSaregorodtseva. Vest. AN SSSR 21 no. 5:81-85 '66.

Toxicallergic effect of some fractions isolated from Mycobacterium tuberculosis. A. I. Kartashev. Probl. tub. no. 9:72-76 '64.

ALLOXAN

Changes in the zinc content and distribution in the pan- creas under the influence of alloxan and insulin. I. A. Shevchuk. Probl. endok. i gorm. 10 no. 2:103-106 Mr-Apr '64.

ALLOXAZINE

N-oxides of alloxazine and its halo and methyl derivatives. V. M. Berezhovskii, Zh. I. Akseprod. Dokl. AN SSSR 168 no. 3:577-580 My '66.

ALLOYS

Spatial distribution of impurity centers in heavily doped semiconductors. B. A. Volkov, V. V. Matveev. Fiz. tver. tela 8 no. 3:717-720 Mr '66.

ALLOYS—ELECTRIC PROPERTIES

Electric resistance of binary ferromagnetic alloys. S. I. Masharov. Fiz. met. i metalloved. 21 no. 4: 481-486 Ap '66.

ALLOYS—FATIGUE

Investigating the fatigue and corrosion fatigue resistance of light alloys in connection with drill pipes. G. M. Sarkisov, F. K. Semagin. Mash. i nefteobor. no. 4: 17-19 '66.

ALLOYS—TESTING

Method of tensile testing of alloys in the melting tempera- ture range. I. I. Novikov, V. K. Portnoi. Lit. proizv. no. 4:16-18 Ap '66.

Using the microhardness method to study quaternary con- stitutional diagrams. A. M. Zakharov. Izv. vys. ucheb. zav. i tsvet. met. 9 no. 2:117-122 '66.

- ALLOYS, EFFECT OF TEMPERATURE ON**
Studying the value of the heat effect in the hot extrusion of certain alloys. L. V. Prozorov and others, Kuz. - shlan, proizv. 8 no. 4:7-10 Ap '66.
- ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see**
Communist Party of the Soviet Union
- ALLUVIUM—ANALYSIS** see subdivision under Yenisey Valley
- ALLYL ALCOHOL**
Condensation of phenol with allyl alcohol and propionic aldehyde on the KU-2 cation-exchange resin. V. I. Isagulants, V. P. Evtafey, L. I. Eroshova, Zhur. prikl. khim., 38 no. 8:1878-1880 Ap '65.
- ALLYL GROUP, EFFECT OF RADIATION ON**
Analysis of the kinetics of radiation-induced allyl polymerization. Part 3. S. A. Dolmatov, Khim. i tekhn., 7 no. 2:21-21b Mr-Apr '66.
- ALMA-ATA—CONSTRUCTION INDUSTRY**
[Alma-Ata housing construction combine] Alma-Atinskii domostroitel'nyi kombinat. Alma-Ata, Kazgosizdat, 1964. 130 p.
- ALMA-ATA—CONSTRUCTION INDUSTRY—ACCOUNTING**
Standard method and practice. V. Vasil'eva, Ntr. khoz., Kazakh, 24 no. 4:41-43 Ap '66.
- ALMA-ATA—HACKBERRY**
Caucasian hackberry (*Celtis caucasica* Willd.) in Alma-Ata. T. A. Zheronkina, Biol. Glav. bot. sada no. 50:106-107 '65.
- ALMA-ATA PROVINCE—ASPEN**
Use of arboricides in the regeneration of inferior aspen forests. V. M. Tribunskaya, Vest. sel'khoz. nauki [Kazakh], 9 no. 4:121-123 Ap '66.
- ALMA-ATA PROVINCE—IRRIGATION FARMING**
Make better use of irrigated lands. M. I. Likhinskii, Zem'edeliie 28 no. 4:42-45 Ap '66.
- ALMA-ATA PROVINCE—SUGAR BEETS—FERTILIZERS AND MANURES**
Nutritive value of dark-colored meadow soils in the piedmont plain of Alma-Ata Province under sugar beet cultivation. P. S. Balukhova, Vest. sel'khoz. nauki [Kazakh], 9 no. 4:3-9 Ap '66.
- ALMA-ATA PROVINCE—WEED CONTROL**
Forgotten weapons. E. Emets, Zashch. rast. 11 no. 4:20 '66.
- ALMA-ATA REGION—SOIL FUNGI**
Distribution of soil fungi-analogists in the vicinity of Alma-Ata as related to the altitude above sea level. A. E. Danchevok, Izv. AN Kazakh. SSR, Ser. Biol. nauk 2 no. 4:43-50 Ji-Apr '64.
- ALMALYK (UZBEKISTAN)—COPPER—METALLURGY**
Introducing the process of oxygen suspension smelting of copper concentrates at Almal'yk Plant. I. U. P. Kupriakov, V. S. Chukhoshin, TSvet. met., 39 no. 5:22-25 My '66.
- ALPINE FLORA** see subdivision under Aragsat, Mount; Gissar Range
- ALTAI MOUNTAINS—EROSION**
Recent physico-geological processes in the northwestern Altai Mountains. K. P. Cherninaeva, Uch. zap. TGPI 21:162-171 '64.
- ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC**
Upper Paleozoic continental sediments in the Southern Altai. D. P. Avrov, T. Ia. Demidova, E. S. Shul'nikov, Dokl. AN SSSR 168 no. 2:401-403 My '66.
- ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL**
Krasit'nikov, B. N. [Pre-orogenic development of the Sayan-Altai area and abyssal processes accompanying it] Doorgennoe razvitiie struktury Sialno-Altalskoi oblasti i soprovozhdatushchie ego glubinye protsessy. Moskva, Nauka, 1966. 247 p.
- Structural position of the Anany-Chuya trough in the Gorny Altai during the Hercynian folding. A. L. Matveevskaya, Sov. geol., 9 no. 4:90-73 Ap '66.
- ALTAI MOUNTAINS—GRANITE—OPTICAL PROPERTIES**
Translucent structures in granitoids of the Naryn massif in the southern Altai. R. M. Slobodskoi, Dokl. AN SSSR 168 no. 2:424-427 My '66.
- ALTAI MOUNTAINS—LISTVENITES**
Mineralogical characteristics of listvenites of the Bogatyrevskoye deposit in the Rudnyy Altai. Kh. A. Bospayev, E. A. Tsvetov. Vest. AN Kazakh. SSR 22 no. 4:83-87 Ap '66.
- ALTAI MOUNTAINS—MINERALS**
"Saukovite," a new zinc-cadmium containing mercury sulfide. V. I. Vasil'ev, Dokl. AN SSSR 168 no. 1:182-185 My '66.
- ALTAI MOUNTAINS—ORE DEPOSITS**
Pyrrhotite-complex metal type mineralization in the Zolotushinsk region of the Altai. I. M. Iudin, Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:127-129 Mr-Apr '66.
- ALTAI MOUNTAINS—ROCKS**
Devonian formations of the Sayan-Altai fold area and relations to problems of metallogeny. E. N. Iakov, L. E. Alekseeva. Trudy VSEGEI 128:90-95 '66.
- Sedimentary and volcanic formations of the western half of the Sayan-Altai area in connection with the problem of metallogeny. K. N. Vilanskii, Trudy VSEGEI 128:100-116 '66.
- ALTAI MOUNTAINS—TELLURIDES**
Tellurides in the ores of the Tishinskoye and Ridder-Sokol'noye deposits in the Altai. I. V. Pokrovskaya and others, Izv. AN Kazakh. SSR, Ser. geol., 23 no. 1: 21-32 Ja-F '66.
- ALTAI MOUNTAINS—TRILOBITES**
New genus and new species of Lower Devonian and Eifelian Dechenellidae (Trilobites). E. A. Elkin, Geol. i geofiz., no. 2:23-30 '66.
- ALTAI TERRITORY—GREEN MANURING**
Green manures in the Altai Territory. M. M. Shubin, Agrokhimia no. 5:64-68 My '66.
- ALTAI TERRITORY—SOLOTH SOILS**
Microstructure of Solodized soils in the Altai Territory. T. V. Tursina, Pochvovedenie no. 5:7-18 My '66.
- ALTAI TERRITORY—WINDBREAKS, SHELTERBELTS, ETC.**
Action of shelterbelts in the Altai Territory on the effectiveness of fertilizers. S. N. Andrianov, Khim. v sel', khoz., 4 no. 5:16-18 My '66.
- ALTITUDE, INFLUENCE OF**
Mirzakhimov, M. M. [Peripheral blood picture under the high-mountain conditions of the Tien Shan and Pamirs] O kartinie perifericheskoi krovi v usloviakh vysokogor'ia Tian-Shania i Pamira. Franze, M.-va zdravookhraneniia Kirgizskoi SSR, 1964. 127 p.
- ALUM**
Corrosion testing of certain structural metals in the aluminum ammonium alum medium. N. P. Abaltan, R. A. Kropivnikova, Khim. i tekhn. mashinostr., no. 5: 17 My '66.
- ALUMINOSILICATES**
Formation conditions and some of the physicochemical properties of sodium-calcium aluminosilicate hydrate. V. S. Sazhin and others, Zhur. prikl. khim., 38 no. 6: 1663-1670 Ag '65.
- ALUMINUM—CORROSION**
Application of lacquer and paint coatings on technological equipment made from aluminum and its alloys for protecting it from atmospheric corrosion. M. V. Lykov, Transp. i khran. nefii i nefteprod., no. 5:10-15 '66.
- ALUMINUM—ELECTROMETALLURGY**
Complex treatment of alkali aluminates and aluminosilicates by the carbothermic method. V. S. Mal'isev and others, Izv. vuz. ucheb. zav. i tsvet. met., 9 no. 2:43-48 '66.
- Consumption of the anode mixture in the electrolysis of aluminum. V. Ia. Nikitin, TSvet. met., 39 no. 5:61-64 My '66.
- ALUMINUM—HYDROGEN CONTENT**
Effect of vacuum treatment on the content of hydrogen and aluminum oxide in aluminum and its alloys. V. A. Dmitkin and others, TSvet. met., 39 no. 5:83-85 My '66.
- ALUMINUM, STRUCTURAL**
Specifications for designing aluminum elements. Biul. stroit. tekhn., 27 no. 3:9-10 Mr '65.
- ALUMINUM ALLOYS**
Aluminum alloys in the equipment of the petroleum and gas industries (review). I. L. Osipian, Mash. i tekhn. obor., no. 4:35-39 '66.
- Efficient use of light aluminum alloys in moving structures. N. Pisanko, Prom. stroit. i inzh. soor., 5 no. 6: 36-40 N-D '63.
- Magnetoacoustic effect in aluminum alloys. L. I. Miasnikov, R. A. Zvorykina, Dokl. AN SSSR 168 no. 3: 564-566 My '66.
- ALUMINUM ALLOYS—ANALYSIS**
Effect of furnace linings on the silicon content of malleable aluminum alloys. M. M. Rutman, G. V. Cherepok, V. S. Rudenko, Alum. splavy no. 4:206-202 '66.
- ALUMINUM ALLOYS—CORROSION**
Corrosion resistance of new sintered aluminum alloys. V. S. Komissarova and others, Alum. splavy no. 4:232-237 '66.
- Negreev, V. F., and others. [Study of the inhibitors of the corrosion of aluminum alloys in alkali media] Izuchenie inhibitorov korrozii aluminovykh splavov v shchelochnykh sredakh. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 84 p.
- ALUMINUM ALLOYS—ELECTROMETALLURGY**
Melting aluminum alloys in a vacuum arc furnace with a consumable electrode. L. N. Belanchikov, TSvet. met., 39 no. 5:94-95 My '66.
- ALUMINUM ALLOYS—GRADING**
Plan for a number marking of aluminum alloys. I. N. Fridlander, Alum. splavy no. 4:288-290 '66.
- ALUMINUM ALLOYS—HARDENING**
Effect of cadmium additions on the artificial aging of certain aluminum alloys. O. A. Romanova, Alum. splavy no. 4:107-111 '66.
- ALUMINUM ALLOYS—METALLURGY**
Effect of manganese and zirconium on the hot shortness of alloys in the system Al - Mg - Zn. A. F. Semenov and others, Alum. splavy no. 4:170-174 '66.
- Properties of SAS [sintered aluminum alloys] with a low coefficient of linear expansion. R. A. Krivenko and others, Alum. splavy no. 4:219-223 '66.
- Refining aluminum alloys by a combined method. V. G. Korotkov, Lit. proizv., no. 2:130-33 F '64.
- ALUMINUM ALLOYS—TESTING**
High-strength, corrosion-resistant, B01 alloy. E. I. Kutal'seva and others, Alum. splavy no. 4:303-306 '66.
- ALUMINUM CHLORIDE—THERMAL PROPERTIES**
Thermal stability of aluminum hexachloride obtained by various methods. P. V. Dyblin, Izv. vuz. ucheb. zav. i khim. i khim. tekhn., 9 no. 1:14-17 '66.
- ALUMINUM-COPPER ALLOYS**
Investigating extruded shapes and panels from the D20 alloy. O. A. Romanova, Z. N. Archakova, N. I. Vasil'eva, Alum. splavy no. 4:48-56 '66.
- Use of the method of small-angle scattering of X-rays in studying Suzuki atmospheres in copper-aluminum alloys. I. A. S. Umanski, N. V. Chirikov, Dokl. AN SSSR 168 no. 1:87-89 My '66.
- ALUMINUM-COPPER ALLOYS—HEAT TREATMENT**
Heat treatment of AK6 aluminum alloy products in hot media. N. A. Loktionova, V. I. Kulakov, V. I. Isayev, Alum. splavy no. 4:341-349 '66.
- ALUMINUM-COPPER ALLOYS—METALLOGRAPHY**
Effect of coarse-grain and fine-grain structure on the heat resistance of the formed D20 aluminum alloy. O. A. Romanova, Alum. splavy no. 4:32-36 '66.
- ALUMINUM-COPPER-LITHIUM ALLOYS**
Manufacture of extruded semifinished products from the VAD23 alloy. K. N. Mikhailov and others, Alum. splavy no. 4:37-48 '66.
- Technology of manufacture and the mechanical properties of VAD23 alloy sheet. K. N. Mikhailov and others, Alum. splavy no. 4:65-68 '66.
- ALUMINUM-COPPER-LITHIUM ALLOYS—BRITTLENESS**
Hot shortness of alloys in the system Al - Cu - Li - Mn. O. P. Grushko, I. I. Novikov, A. E. Semenov, Alum. splavy no. 4:15-20 '66.
- ALUMINUM-COPPER-LITHIUM ALLOYS—CORROSION**
Studying the corrosion resistance of the VAD23 alloy. V. A. Kilmova, Alum. splavy no. 4:70-77 '66.
- ALUMINUM-COPPER-LITHIUM ALLOYS—METALLOGRAPHY**
Properties of the VAD23 alloy. I. N. Fridlander, O. A. Romanova, Z. N. Archakova, Alum. splavy no. 4:5-14 '66.
- ALUMINUM-COPPER-LITHIUM ALLOYS—METALLURGY**
Certain special features in the manufacture of the VAD23 alloy. I. Ia. Zaitseman and others, Alum. splavy no. 4: 21-26 '66.
- ALUMINUM-COPPER-LITHIUM ALLOYS—TESTING**
Mechanical properties of the VAD23 alloy. N. V. Anisimova and others, Alum. splavy no. 4:85-106 '66.
- ALUMINUM-COPPER-LITHIUM ALLOYS—WELDING**
Resistance welding of the VAD23 alloy. A. I. Pugachev, M. N. Pastukh, Alum. splavy no. 4:78-84 '66.
- ALUMINUM-COPPER-LITHIUM ALLOYS, EFFECT OF TEMPERATURE ON**
Effect of preheating conditions before hardening and the degree of cold deformation after hardening on the mechanical properties and structure of extruded VAD23 alloy shapes. Z. N. Archakova and others, Alum. splavy no. 4:57-64 '66.

ALUMINUM-COPPER-MAGNESIUM ALLOYS

Kinetics of the natural hardening of Al - Cu and Al - Cu - Mg alloys. IU. I. Paskal', K. V. Savitskii. *Izv. vys. ucheb. zav.*; fiz. 9 no. 2:173-175 '66.

ALUMINUM CRYSTALS—DEFECTS

Dislocation pinning by point defects in controlled loading of aluminum single crystals. P. A. Bezuglyi and others. *Fiz. tver. tela* 8 no. 3:842-845 Mr '66.

ALUMINUM FLUORIDES

Photocolorimetric determination of calcium in the production control of aluminum fluoride. A. A. Moshkina, I. G. Kostova. *Zav. lab.* 32 no. 1:23-24 '66.

ALUMINUM FORGINGS—CORROSION

Using the AD33 malleable aluminum alloy for the manufacture of large parts operating in seawater. N. M. Edel'man and others. *Alum. splavy* no. 4:312-321 '66.

ALUMINUM FOUNDED

Saturating porous aluminum alloy castings. S. P. Ivanov, A. M. Grishanovich. *Lit. proizv.* no. 4:7-8 Ap '66.

ALUMINUM-GERMANIUM-CARBON ALLOYS

Breakdown of a solid solution of germanium in aluminum in the Al C4% Ge alloy. M. I. Zakharova, IU. A. Tuman'ian. *Izv. vys. ucheb. zav.*; fiz. 9 no. 2:98-102 '66.

ALUMINUM HYDROXIDE

Pseudomorphism in the dehydration of aluminum hydroxides. L. M. Kefeli and others. *Zhur. neorg. khim.* 11 no. 5:1222-1224 My '66.

ALUMINUM LITHIUM HYDRIDE

Action of alkali metals on aluminum lithium hydride. L. I. Zakharin, V. V. Gavrilenko. *Zhur. neorg. khim.* 11 no. 5:977-980 My '66.

ALUMINUM-MAGNESIUM-ZINC ALLOYS—ANALYSIS

Studying chemical heterogeneity in welded joints in ATsm and ATsmu alloys. I. N. Fridlander and others. *Alum. splavy* no. 4:135-142 '66.

ALUMINUM-MAGNESIUM-ZINC ALLOYS—HARDENING

Studying kinetics of the aging of alloys in the system Al - Zn - Mg. I. N. Fridlander, E. A. Kuznetsova, V. S. Bubenshchikov. *Alum. splavy* no. 4:143-151 '66.

ALUMINUM-MAGNESIUM-ZINC ALLOYS—METALLOGRAPHY

Studying the structure of welded joints in B66-type alloys. M. E. Drits and others. *Alum. splavy* no. 4:159-169 '66.

ALUMINUM-MAGNESIUM-ZINC ALLOYS—TESTING

Studying the ability of the semifinished B95-2 aluminum alloy to undergo cold deformation. G. E. Goldbukht and others. *Alum. splavy* no. 4:307-311 '66.

ALUMINUM-MAGNESIUM-ZINC ALLOYS—WELDING

Mechanical properties of semifinished products and welded joints in the B92Te high-strength aluminum alloy. K. S. Pospelov, A. I. Cherniak, A. V. Sverdin. *Alum. splavy* no. 5:175-186 '66.

Weldability of high strength alloys in the system Al - Zn - Mg - Cu. I. N. Fridlander and others. *Alum. splavy* no. 4:152-158 '66.

ALUMINUM-MANGANESE-ZINC ALLOYS—FRACTURE

Slow failure of welded joints in alloys in the system Al - Zn - Mg. I. N. Fridlander and others. *Alum. splavy* no. 4:120-134 '66.

ALUMINUM-MANGANESE-ZINC ALLOYS—TESTING

Sensitivity to stress concentrations and cracks in ATsm, ATsmu and AMg6 alloys and their weldments. S. I. Kishkina and others. *Alum. splavy* no. 4:112-118 '66.

ALUMINUM-NICKEL-NIOBIUM ALLOYS see Nickel-aluminum-niobium alloys

ALUMINUM OXIDE see subdivision under Siberian Platform

Effect of the nature of starting raw materials and the composition of highly argillaceous earths on their physicochemical and thermochemical properties. G. N. Duderov, Zh. Kanibekov. *Trudy MKHTI* no. 45:81-90 '64.

Preparation of thin aluminum oxide films. L. A. Rjabova, E. A. Gerasimova, I. A. Savitskaya. *Zhur. prikl. khim.* 38 no. 8:1862-1863 Ap '65.

Processing sodium aluminate by the carbothermic method. G. N. Kozhevnikov, A. S. Mikulinskii. *TSvet, met.* 39 no. 5:57-60 My '66.

ALUMINUM OXIDE—CRUSHING AND GRINDING

Vibrogrinding and washing of industrial alumina. I. S. Katnarskii, A. G. Karaulov, G. E. Gnatiuk. *Ogneupory* 31 no. 5:46-51 '66.

ALUMINUM PIPE see Pipe, Aluminum

ALUMINUM PLANTS see subdivision under Ural Mountain region

ALUMINUM SHIPS see Ships, Aluminum

ALUMINUM-SILVER ALLOYS—HARDENING

Determining the composition of the Guinier-Preston zones during natural and artificial aging. A. V. Dobronyslov, N. N. Buirov. *Fiz. met. i metalloved.* 21 no. 4:616-618 Ap '66.

ALUMINUM-ZINC ALLOYS, EFFECT OF TEMPERATURE ON

Dilatometric studies of binary alloys in the system Al - Zn. N. P. Nuss, I. N. Fridlander. *Alum. splavy* no. 4:224-231 '66.

AMALGAMS

Study of zinc-nickel amalgams by the method of amalgam polarography with storage. I. E. Krasnova, A. I. Zebrev. *Elektrokimiia* 2 no. 5:592-595 My '66.

AMATEUR RADIO STATIONS

All-Union radio competitions. A. Baranov, B. Gavrenko. *Radio* no. 12:10 D '65.

Contest of shortwave radio operators. L. Rogozhin. *Radio* no. 12:8-9 D '65.

Short and ultrashort radio waves. *Radio* no. 4:12-13 Ap '66.

AMATEUR THEATRICALS see subdivision under Moscow

AMBER

Studying the structure and properties of Baltic amber. G. K. Serganova, S. R. Rafikov. *Zhur. prikl. khim.* 38 no. 8:1813-1818 Ag '65.

AMBER LITES

Anion-exchange adsorption of gadolinium and europium by amberlite IRA-400 from water-methanol solutions containing neutral nitrates. F. Mol'nar and others. *Radiochimia* 8 no. 2:183-189 '66.

AMEBIASIS

Pathological anatomy of experimental amebiasis in rats. S. E. Gleiberman, M. P. Mitgireva. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 2:69-74 '66.

X-ray endoscopic study of the mucosa of the large intestine in amebiasis. A. G. Iosif'ian, E. G. Mezhlumian. *Zhur. eksp. i klin. med.* 6 no. 1:57-64 '66.

AMEBIASIS

Pathological anatomy of experimental amebiasis in rats. S. E. Gleiberman, M. P. Mitgireva. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 2:69-74 '66.

X-ray endoscopic study of the mucosa of the large intestine in amebiasis. A. G. Iosif'ian, E. G. Mezhlumian. *Zhur. eksp. i klin. med.* 6 no. 1:57-64 '66.

AMERICAN FOULBROOD see Foulbrood, American

AMERICAN MILITARY BASES see Military bases, American

AMIDASES

Activity of ω -amidase in malignant tumors of man and animals. T. T. Berezov. *Vop. onk.* 12 no. 5:56-59 '66.

AMIDINES

Reaction of N-chloramidines with trivalent phosphorus compounds. O. V. Kirsanov, M. V. Kolotylo, H. I. Derkach. *Dop. AN URSR* no. 4:480-483 '66.

AMINE OXIDASE

Effect of anesthetics on the content of noradrenaline and on the activity of monoamine oxidase in tissues. V. A. Babichev. *Farm. i toks* 20 no. 2:221-224 Mr-Apr '66.

Inhibition of mitochondrial monoamine oxidase by 3,4-dimethoxybenzyl hydrazine (vetrazine) and related compounds. *Biol. eksp. i med.* 58 no. 12:48-52 D '64.

Mechanism of the inhibitory activity of pargyline in mitochondrial monoaminooxidases. I. Vlna and others. *Biokhimiia* 31 no. 2:282-290 Mr-Apr '66.

AMINES

Catalytic effect of nitrogen-containing compounds on the isomeric conversions of carbohydrazides. Part I: Effect of aliphatic amines on α , β -isomerization of D-glucose V. A. Afanas'ev, D. V. Mal'kovskaya. *Kin. i kat.* 7 no. 2:330-332 Mr-Apr '66.

Chemistry of keto acid esters of the acetylene series. Part 2: Addition of secondary amines to the esters of phenylethynyl glyoxalic acid. I. I. Lapkin, IU. S. Andreichikov. *Izv. vys. ucheb. zav.*; *khim. i khim. tekhn.* 9 no. 1:157-159 '66.

Condensation of pyrylium salts with some natural amines. A. N. Narkevich, G. N. Dorofenko, IU. A. Zhdanov. *Zhur. ob. khim.* 38 no. 5:819-823 My '66.

Polarographic study of aromatic amines. Part I. V. D. Bezuglyi, IU. I. Bells. *Zhur. ob. khim.* 38 no. 5:787-794 My '66.

Use of the oxidative properties of iminoxyl radicals for synthesizing individual ion-radicals from aromatic amines. A. A. Medzhidov, E. G. Rozantsev, M. B. Neiman. *Dokl. AN SSSR* 168 no. 2:348-350 My '66.

AMINES—TOXICOLOGY

Experimental analysis of the permissible limit concentration of hexamethylenediamine in the water of reservoirs. E. S. Bruk, N. V. Klimkina, P. V. Panov. *San. okhr. vod. ot zagr. prom. stoch. vod.* no. 7:60-63 '65.

AMINO ACID METABOLISM

Amino acid metabolism in *Actinomyces antibioticus*. E. I. Surikova, L. A. Averbukh. *Mikrobiologiya* 35 no. 2:228-233 Mr-Apr '66.

Changes in the free amino acid content of the blood under nervous and emotional stress. Z. N. Labeleva, Z. IU. Neriakhmetova. *Vop. pit.* 23 no. 4:23-26 Ji-Ag '64.

AMINO ACIDS

Chromocolumnometric method of analysis of amino acid mixtures with other acids. T. A. Khudjakova, A. P. Kreshkov. *Plast. massy* no. 5:54-57 '66.

Effect of α -amino acid radical on the rate of carbocyclohexyloxy group cleavage in hydrobrominolysis. V. A. Shibaev and others. *Izv. AN SSSR, Ser. khim.* no. 5:924-926 '66.

Effect of heterocyclic amino acids on the development of chicken embryos and the formation of their sex. L. M. Zhmurin. *Khim. v sel. khoz.* 4 no. 5:52-54 My '66.

Intensity of Dendrocythium toxicum (Doid), et al. growth as related to the presence of various amino acids. S. M. Kharchenko. *Mikrobiol. zhur.* 28 no. 3:14-10 '66.

AMINO ACIDS, EFFECT OF RADIATION ON

Studying the electron paramagnetic resonance spectra of some irradiated amino acids. A. I. Mochalkin. *Sbor. trud. po agron. fiz.* no. 12:152-162 '65.

AMINO GROUP

Introduction of terminal aromatic amino groups into poly- β -caprolactide. M. N. Bogdanov, A. D. Leshchnev, L. A. Filashkevich. *Vysokom. soed.* 8 no. 5:993-995 My '66.

AMINOLYSIS

Chemical modification of nucleic acids. Influence of secondary structure on the rate of hydroxylaminolysis of soluble ribonucleic acid. N. K. Kochetkov, E. I. Budovskii, V. P. Demushkin. *Dokl. AN SSSR* 168 no. 1:102-103 My '66.

AMINOPYRINE

Photoelectrocolorimetric determination of barbital in mixtures with bromisoval and amidopyrine. V. I. Popova, V. P. Kramarenko. *Farmatsev. zhur.* 21 no. 2:27-31 '66.

AMINOPYRINE—PHYSIOLOGICAL EFFECT

Effect of pyrimidin and amiazine on the temperature and gaseous exchange in animals with experimental thyrotoxicosis. V. Z. Blankinder. *Pat. fiziol. i eksp. terap.* 10 no. 2:28-31 Mr-Apr '66.

AMMONIA

Effect of restoration conditions of the catalyst for ammonia synthesis on its activity. Z. N. Faridk and others. *Khim. prom.* 42 no. 5:351-355 My '66.

Reaction of diethyl acetal of epoxybutyraldehyde with ammonia and benzylamine. B. I. Kozyrkin, L. A. Ivanovskaya, V. F. Kucherov. *Izv. AN SSSR, Ser. khim.* no. 5:919-920 '66.

AMMONIA CRYSTALS—THERMAL PROPERTIES

Thermal expansion of crystalline ammonia. V. G. Manzhelii, A. M. Tolkachov. *Fiz. tver. tela* 8 no. 4:1035-1039 Ap '66.

AMMONIACAL LIQUOR—SAFETY MEASURES

Labor hygiene in using ammonia water in agriculture. A. P. Ocherimko and others. *Khim. v sel. khoz.* 4 no. 5:18-20 My '66.

AMMONIUM CARBONATES—STORAGE

Storage of ammonium bicarbonate in polyethylene coated paper bags. I. P. Usukin and others. *Khim. prom.* 42 no. 5:355-356 My '66.

AMMONIUM COMPOUNDS

Amines and ammonium compounds. Part 33: Isomerization of the alkyl-2-yl group of an ammonium complex to the 1,2-alkene group. M. G. Indzhikina and others. *Izv. AN Arm. SSR, Khim. nauki* 10 no. 6:560-571 '65.

Amines and ammonium compounds. Part 34: Using rearrangement-cleavage reaction in the synthesis of esters of unsaturated carboxylic acids. M. G. Indzhikina, H. B. Minasyan, A. T. Babalin. *Izv. AN Arm. SSR, Khim. nauki* 10 no. 6:572-577 '65.

New quantitative reaction for zinc ion with the use of ammonium benzylidimethylphenyl-chloride. M. B. Bardin, N. M. Derkachova. *Izv. vys. ucheb. zav.*; *khim. i khim. tekhn.* 9 no. 1:34-33 '66.

Okaazil. A. S. Sokolov. *Apt. delo* 15 no. 2:91-93 Mr-Apr '66.

Reaction of copper (II) chloride with N-triethyl ammonium hydrochloride. N. V. Fedorenko, T. I. Ivanova. *Zhur. neorg. khim.* 11 no. 4:760-763 Ap '66.

AMMONIUM NICKEL SULFATES

Particular features of the thermal decomposition of $\text{NiSO}_4 \cdot (\text{NH}_4)_2 \text{SO}_4$. G. A. Lazorko, L. P. Mordvintseva. *Kin. i kat.* 7 no. 3:326 Mr-Apr '66.

AMMONIUM NITRATE

Approximate equations for evaluating expenses of the ammonium nitrate shop. E. Perlov. Prom. Arm. 9 no. 3:58-60 Mr '66.

Solubility of rare-earth oxides in molten ammonium nitrate. V. K. Val'tsev, I. G. Breusova. Zhur. neorg. khim. 11 no. 5:1025-1028 My '65.

AMMONIUM NITRATE—EFFECT ON PLANTS see Plants, Effect of ammonium nitrate on

AMMONOLYSIS

Ammonolysis of trialkyl (aryl)chlorosilanes. K. A. Andrianov, A. M. Kononov, N. N. Makarova. Zhur. ob. khim. 38 no. 5:895-899 My '65.

Investigation of bismuth molybdenum catalysts for partial oxidation and oxidative ammonolysis reactions of propylene. A. I. Gel'bshtein and others. Neftekhimika 4 no. 6:906-915 N-D '64.

AMORTIZATION

Reflection of amortization in the schemes for the expanded reproduction of the national economy. D. I. Oparin. Trudy LIEI no. 58:27-38 '66.

AMORTIZATION DEDUCTIONS

Amortization deductions and the evaluation of the efficiency of the new equipment in the system of optimal planning. L. V. Kantorovich. Trudy LIEI no. 58:3-11 '66.

AMPHIBIANS see subdivision under Siberia, Western

AMPHIPODA see subdivision under Mingecheaur Reservoir; Varvara Reservoir

AMPLIFIERS (ELECTRONICS)

Analysis of a tuned amplifier with a nonunidirectional active four-terminal network in the capacity of an amplifying element. A. Z. Zavadovskii, K. A. Shevchuk. Elektrosvyaz' 20 no. 5:75-77 My '66.

Baramidze, V. A. [Methods for evaluating the accuracy of measuring amplifiers and converters] Metody otsenki tochnosti izmeritel'nykh ustroystv i preobrazovatelei. Leningrad, 1965. 47 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Tekhnologiya proizvodstva radioelektronnoi apparatury)

Pollakova, L. N. [Synthesis of input and output circuits of wideband amplifiers] Sintez vkhodnykh i vykhodnykh tsepey shirokopolosnykh ustroystv. Moskva, Svyaz', 1966. 52 p. (Novoe v tekhnike aviatsii)

AMPLIFIERS, ELECTRON-TUBE

High-quality low-frequency amplifier. N. Zykov. Radio no. 4:27-28 Ap '66.

Optimal choice of some parameters of the converter of a highly sensitive d.c. amplifier. N. M. Mal'nevskii. Izv. vys. ucheb. zav.; radiotekh. 9 no. 2:188-197 Mr-Ap '66.

AMU DARYA—ICE

Basic results of the statistical analysis of ice phenomena on the Amu Darya. L. N. Borovikova. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 21:16-33 '65.

Forecasting the advent of frazil movement of the Amu Darya from Darganata to the mouth. I. U. N. Ivanov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 21:34-46 '65.

Ice phenomena on the Amu Darya according to data of aerial reconnaissance. D. A. Milovanov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 21:3-15 '65.

AMU DARYA VALLEY—MULBERRY—VARIETIES

Testing foreign mulberry varieties in the central Amu Darya Valley. G. V. Erofeev. Izv. AN Turk. SSR. Ser. biol. nauk no. 2:10-17 '66.

AMU DARYA VALLEY—PLANT INTRODUCTION

Testing foreign mulberry varieties in the central Amu Darya Valley. G. V. Erofeev. Izv. AN Turk. SSR. Ser. biol. nauk no. 2:10-17 '66.

AMUR PROVINCE—PLANTS, PROTECTION OF

In Amur Province. P. Kulikova. Zashch. rast. 11 no. 3: 20 '66.

AMUR PROVINCE—STATISTICS

Amurskaya oblast'. Statisticheskoe upravlenie. [Economy of Amur Province in 1963] Narodnoe khoz'iatstvo Amurskoi oblasti v 1963 godu. Khabarovsk, Statistika, 1965. 211 p.

AMUR PROVINCE—WOODY PLANTS—FROST RESISTANCE

Frost resistance of trees and shrubs in Amur Province. I. A. T. Chashechin. Biol. Glav. bot. sada no. 59:18-22 '65.

AMUR RIVER—SHIPPING

First successes. E. Plaksh. Rech. transp. 23 no. 2: 9-11 F '64.

AMUR VALLEY—MOLASSE

Upper Jurassic molasse formation of the fault troughs of the conjugated zone of the Stanovika-Dzhugdzura fold areas and Mongolia-Okhotsk geosyncline (upper Amur Valley). B. I. Abramson, T. A. Milai. Trudy VSEGEI 128:141-144 '66.

AMUR VALLEY—THERMAL WATERS

Amurskiye thermal springs. N. M. Bogatkov, V. V. Kulakov. Sov. geol. 9 no. 5:153-155 My '66.

AMUSEMENTS

[Entertainer's companion] Sputnik zateitka. Moskva, Voenizdat, 1966. 123 p.

AMYLOIDOSIS

Characteristics of the course of experimental amyloidosis under the effect of resochin and predazone. V. V. Serov, N. A. Mukhin. Arkh. pat. 28 no. 4:31-39 '63.

Clinical forms of amyloid dystrophy in pulmonary tuberculosis. D. Z. Kagan. Probl. tub. no. 7:56-62 '65.

Isolated tumorlike amyloidosis of the small intestine. L. I. Nikhamkin. Arkh. pat. 28 no. 4:76-78 '66.

Role of puncture biopsy of the liver in the diagnosis of amyloidosis of the internal organs in patients with pulmonary tuberculosis. I. V. Afanasev. Probl. tub. no. 9:49-56 '64.

ANALGESICS

Effect of analgesics on various components of the bulbar respiratory center. A. V. Val'dman, Ma Chuan'-gen [Ma Ch'uan-Keng]. Biul. eksp. biol. i med. 58 no. 9: 75-80 S '64.

ANALOG COMPUTERS

Analog computer for compensating errors of a capacitance level indicator. L. M. Shapiro. Priboirostroenie no. 5: 13-14 My '66.

Digital difference analog for the reproduction of functions. L. M. Kogan. Priboirostroenie no. 5:5-6 My '66.

ANALOG-TO-DIGITAL CONVERTERS

Sparkproof analog-to-digital telemetering apparatus for the petroleum production and petroleum refining industries. V. V. Mal'kov, Sh. M. Smotrishkii. Nefteper. i neftekhim. no. 3:38-41 '66.

ANALYSIS (MATHEMATICS) see Harmonic analysis; Mathematical analysis

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANAPHYLAXIS

Effect of dimedrol on specific immunological reactions in anaphylactic shock; experiments in vivo. V. K. Kozlov. Biul. eksp. biol. i med. 58 no. 9:106-108 S '64.

Immunological characteristics of Ambrosia artemisiifolia L. pollen. A. I. Ostroumov. Biul. eksp. biol. i med. 58 no. 12:75-79 D '64.

Mechanism of bacterial allergy. "Transport factor" in white blood cells in bacterial allergy and anaphylaxis. G. P. Kudrina. Arkh. pat. 28 no. 4:30-45 '65.

ANATASE

Decomposition of isopropyl alcohol on titanium dioxide of anatase structure. T. P. Khokhlova, I. S. Sazonov, N. P. Keier. Khim. i tekhn. 7 no. 2:345-347 Mr-Ap '66.

ANATOMICAL INJECTIONS see Injections, Anatomical

ANATOMY, ARTISTIC

Rabinovich, M. TS. [Representation of man on the principles of artistic anatomy] Izobrazhenie cheloveka na osnovakh plasticheskoi anatomii. Moskva, Iskusstvo, 1965. 79 p. illus., 12 [i.e. 48] plates. (CU)

ANATOMY, SURGICAL AND TOPOGRAPHICAL

Anatomical and experimental substantiation of the form and parameters of synthetic prostheses for the superior vena cava and its tributaries. S. S. Mikhailov, I. A. Plamenov. Vest. khir. 96 no. 4:73-82 Ap '66.

Methodology of topographic-anatomical study of formations in the region of the foramen of the tentorium cerebelli under normal and neoplastic conditions. K. A. Ogletznov. Vop. neirokhir. 28 no. 3:52-54 My-Je '64.

ANCHORAGE

Automatic mooring of the "Moskvich"-type motor ships. S. Ol'shankovskii. Rech. transp. 25 no. 4:57-58 '65.

ANCIENT MATHEMATICS see Mathematics, Ancient

ANDALUSITE see subdivision under Uzbekistan

ANDIYSKOYE KOYSU VALLEY—MINERAL WATERS—ANALYSIS

Chemical composition of carbonated springs in the upper Andyskoye Koyasu Valley (Daghestan A. S. S. R.). V. Getscu, D. G. Osika, Z. M. Masdeva. Izv. vys. ucheb. geol. i razv. 9 no. 5:80-93 My '66.

ANDIZHAN OIL FIELD—PETROLEUM

Creative searches of innovators. B. Dzusev. Neftian. 10 no. 4:26-27 Ap '65.

ANDIZHAN PROVINCE—COTTON GROWING

Productivity capacity of light-colored Sterozems in cotton monoculture and its growing in crop rotation. B. I. Romanovskii, Vilan, dit. prim. udob. na plod. i prod. sevobor. no. 2:291-297 '64.

ANDROGENS

Corticoadrenosteromas of the ovary. E. A. Dikhshtein, I. Sheinin. Probl. endok. i gorm. 12 no. 3:26-30 My '66.

ANEMIA

Case of symmetrical gangrene of fingers and toes in autoimmune chronic hemolytic anemia. T. Vasilev, V. Ileva, N. Prodov. Probl. gemat. i perel. krovi 11 no. 1:50-51 Ja '66.

Ferroglikin and its use in treating anemia in young pigs. G. I. Rozenberg and others. Veterinariia 42 no. 4: 82 Ap '66.

Pathogenesis of anemia in vitamin D deficiency in young pigs. P. I. Konopel'ko. Uch. zap. Viteb. vet. inst. 10:164-176 '64.

Porphyria metabolism in anemia. L. I. Del'son, B. G. Radzivilovskaya. Probl. gemat. i perel. krovi 11 no. 1:10-18 Ja '66.

ANESTHESIA

Anesthesia in special examinations of the heart and the main vessels in children. T. M. Darbinian, F. P. Kakurin. Grud. khir. 8 no. 2:100-105 Mr-Ap '66.

Changes in the bioelectrical activity of the brain in young children during fluorothane (fluothane) anesthesia. C. Kuz'minov and others. Vest. khir. 96 no. 4:115-120 '66.

Kovanev, V. A. [Corticosteroids in modern anesthesia] Kortikosteroidy v sovremennoe obezboivani. Moskva, Meditsina, 1966. 252 p. (DNLM)

ANESTHESIA IN OBSTETRICS

Anesthesia and acceleration of labor in late toxemia of pregnancy. A. G. Guseinov, N. M. Shamsadinskaya. Azerb. med. zhur. 41 no. 6:29-33 Je '64.

Combined use of modern neuroplegics and analgesics in obstetrical anesthesia in women without the benefit of psychopharmacological preparation. V. P. Mikhedko and others. Azerb. med. zhur. 41 no. 6:49-55 Je '64.

ANESTHESIA IN OBSTETRICS—EQUIPMENT AND SUPPLIES

Experience with the use of the NAPP-60 apparatus for obstetrical anesthesia with nitrous oxide and oxygen. K. M. Federnesser and others. Sov. med. 28 no. 9: 111-113 S '64.

ANESTHESIA IN VETERINARY SURGERY

Change in the motility of the rumen in sheep when using thiopental sodium anesthesia. L. P. Viduts, V. N. Kvyatkovskii. Vest. sel'sk. khoz. nauk [Kazakh.] 9 no. 80-83 Ap '66.

ANESTHETICS—PHYSIOLOGICAL EFFECT

Effect of anesthetics on the content of noradrenaline and on the activity of monoamine oxidase in tissues. V. Babichev. Farm. i toks. 20 no. 2:221-224 Mr-Ap '66.

ANEURYSMS

Additional cervical rib simulating aneurysm of the subclavian artery. R. M. Nurmukhamedov. Vest. p. 1 rad. no. 2:75 '64.

Clinical aspects of a supratentorial arteriovenous aneurysm. A. P. Burlutskii. Vop. neirokhir. 28 no. 3:30-31 My-Je '64.

Experimental studies of intra-aneurysmal blood flow. R. P. Kikut. Vop. neirokhir. 30 no. 2:17-21 Mr-Ap '66.

ANGARA VALLEY—PETROGLYPHS

Okladnikov, A. P. [Petroglyphs of the Angara] Petroglyfy Angary. Moskva, Nauka, 1966. 321 p. illus.

ANGIOCARDIOGRAPHY

Contrast X-ray examination in the diagnosis of acquired defects of the mitral tricuspid and aortic valves. I. U. S. Petrosian. Vest. rent. i rad. no. 2:15-20 '64.

ANGIOGRAPHY

Angiography of major vessels of the neck, brain, and posterior cranial fossa by way of the internal mammary artery. N. A. Mutalibov. Dokl. AN Azerb. SSR 21 no. 12:56-60 '65.

ANGIOGRAPHY (Continued)

- Carotid-vertebral angiography by the catheterization of the internal thoracic artery. V.M. Ugrumov, A.G. Zhargina, V.I. Gellis. *Vop. neirokhir.* 30 no.2:25-27 Mr-Apr '66.
- Method for single-stage aortic and arteriography. V.M. Babinov, I.I. Zatevakhin. *Vest. rent. i rad.* no.2:23-26 '64.
- Methodology for venography of the orbit. A.F. Brovkina, F.A. Sorbinenko, G.G. Ziangirova. *Vest. rent. i rad.* no.2:46-50 '64.

ANGIOMA

- Clinical X-ray diagnosis of cerebral aneurysms and angiomas. A.M. Kun, L.S. Soskin. *Vest. rent. i rad.* no.2:36-41 '64.
- Vascular tumors of the skin associated with bone changes. F.I. Lapidus, S.A. Pokrovskii. *Vest. rent. i rad.* no.2:59-62 '64.

ANGIOTENSIN—PHYSIOLOGICAL EFFECT

- Intensification of vasoconstrictor response following increases of the myogenic tone with angiotensin. A.IA. Katunskii, V.M. Khatutin. *Fiziol. zhur.* 50 no.10:1239-1244 O '64.

ANGREN REGION (UZBEKISTAN)—QUARRIES AND QUARRYING

- Evaluation of the degree of stability of slopes in the Angren coal quarry by the method of calculation. M.P. Kuz'minov, M. Miraslanov. *Uzv. geol. zhur.* 10 no.2: 23-27 '66.

ANILINE

- Kinetics of the reaction of aniline acylation with benzoyl chloride in nonaqueous media. Part 5. N.K. Vorob'ev, L.V. Karitsyn, O.K. Varnikova. *Izv. vuz. ucheb. zav. i khim. i khim. tekhn.* 9 no.1:53-57 '65.
- Quantitative determination of some dialkyl and diacyl peroxides. L.N. Petrova, E.N. Novikova, A.B. Skvortsova. *Zhur. anal. khim.* 21 no.4:494-497 '65.

ANIMAL CHARCOAL

- Wastes of bone charcoal as additional source of phosphoric fertilizers. I.F. Kashchenko. *Sakh. prom.* 40 no.5: 68 My '66.

ANIMAL HEAT

- Caloricity of zoobenthos in the central and southern Caspian Sea. A.M. Makhmudov. *Gidrobiol. zhur.* 2 no.2: 31-36 '66.

ANIMAL INTELLIGENCE

- Akos, Karoly. [Do animals think? Translated from the Hungarian] *Dumaiul si zivotulnye?* Moskva, Nauka, 1955. 92 p. (Nauchno-populnarnia serlia)

ANIMAL LOCOMOTION

- Buoyancy and hydrodynamic function of the body of nektonic animals. I.U.G. Aleev. *Zool. zhur.* 45 no.4: 575-584 '66.
- Motor apparatus in leeches. Thai Tran Bai. *Zool. zhur.* 45 no.4:500-508 '66.

ANIMAL PRODUCTS

- [Commercial study of dairy, fat, egg, meat, and fish products] *Tovarovedenie molochnykh, zhirovnykh, iaichnykh, masnykh i rybnnykh tovarov.* [By] G.S. Iskhov i dr. Izd. 3., dop. i perer. Moskva, Ekonomika, 1965. 343 p.

ANIONS

- Coulometric metalometry. Coulometric plumbometric determination of anions. P.S. Tutundzic, D.J. Stojkovic. *Zhur. anal. khim.* 21 no.4:436-442 '66.
- Effect of some anions on the physical electrotonus of a denuded nerve in frogs. D.S. Vorontsov. *Fiziol. zhur.* 52 no.5:491-497 My '66.

ANIMOV, VASILII IVANOVICH

- Family relay race. A. Abdullaev. *Sov. voim* 40 no.10: 46-47 My '66.

ANISOLE—TOXICOLOGY

- Experimental analysis of permissible limit concentrations of anisole in the water of reservoirs. S.IA. Naishtein, F.G. Dialevitskaya, Z.V. Lisovskaya. *San. okhr. vod. ot zagr. prom. stoeh. vod.* no.7:143-151 '65.

ANISOTROPY

- Determination of the parameters of an anisotropic layer based on laterolog curves. N.IA. Zaitkovskii, D.E. Kovalenko, A.E. Kulinkovich. *Prkl. geofiz.* no.46:213-217 '65.
- Distribution of Fe-Co alloy particles by their anisotropy. I.A. Deriugin, M.A. Sigal. *Fiz. met. i metall.oved.* 21 no.4:510-518 Ap '66.
- Optical anisotropy of molecules of some esters of polymethacrylic acid in block and in solution. A.E. Grishchenko and others. *Vysokom. soed.* 8 no.5:809-803 My '66.

ANNIVERSARIES

- Noteworthy dates. *Nar. obr.* no.5:127 My '66.

ANNUALS (PLANTS)

- (see also subdivision under Tomsk)
- Effect of the spectral composition of light on the development of biennial and some annual plants. A.S. Krushilin, Z.M. Shvedskaya. *Fiziol. rast.* 13 no.1:123-134 Ja-F '66.

ANOXEMIA

- Characteristics of the homeostatic reaction in hypoxic hypoxia in dogs of various ages. I.S. Usolbaeva. *Biul. eksp. biol. i med.* 58 no.3:34-39 S '64.
- Mechanism of increasing osmotic resistance of erythrocytes in rats adapted to hypoxia. Z.I. Barbashova. *Fiziol. zhur.* 50 no.11:1395-1392 N '64.
- Some changes in cardiac reactivity in hypoxia. E.A. Markova. *Pat. fiziol. i eksp. terap.* 10 no.2:44-49 Mr-Apr '66.

ANT LIONS

- Ant Hon. V.A. Rodina. *Nach. shkola* 34 no.5:76-77 '66.

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

- A decade of Soviet explorations in Antarctica. K.K. Markov. *Priroda* 55 no.5:118 My '66.
- In the name of science. *Mr.* flot 26 no.4:8-9 Ap '66.

ANTENNAS (ELECTRONICS)

- Calculation of wave guide slot antennas, taking into account the interaction of the radiators in the principal mode. G.A. Evstropov, S.A. Tsarapkin. *Radiotekh. i elektron.* 11 no.5:822-830 My '66.
- Directivity of antenna lattices with randomly distributed radiators. V.V. Merkulov. *Radiotekh. i elektron.* 11 no.5:826-830 My '66.

- High-efficiency antennas for 430 mc. operation. K. Kharchenko. *Radio* no.4:19-22 Ap '65.

- Nikol'skii, V.V. [Antennas] *Antenn. Moskva, Svinz', 1966. 368 p.*

- Tsel'tsin, N.M. [Use of radioastronomy methods in antenna technology] *Primenenie metodov radioastronomii v antennoi tekhnike.* Moskva, Sovetskoe radio, 1966. 212 p.

- Use of an equivalent linear antenna method in statistical analysis of the field of an antenna with a plane aperture. V.E. Iamakin. *Radiotekh. i elektron.* 11 no.5:926-928 My '66.

ANTHELMINTICS

- Effectiveness of hexachloroparaxylene against fascioliasis of cattle. T.P. Veselova, M.V. Doroshina. *Veterinariia* 43 no.5:44-46 My '66.
- Naphthamon. N.I. Karakash, M.T. Karikh. *Apt. delo* 15 no.2:80-91 Mr-Apr '66.

ANTHELMINTICS—TOXICOLOGY

- Once more on hexachloroethane toxicity to cattle. T.P. Veselova. *Veterinariia* 42 no.4:60-61 Ap '66.

ANTHRACENE CRYSTALS—PHOTOELECTRIC PROPERTIES

- Variations in the photoconductivity of anthracene single crystals in a magnetic field. E.L. Frankovich, E.L. Bulabanov. *Fiz. tver. tela* 8 no.3:855-857 Mr '66.

ANTHRACENE CRYSTALS, EFFECT OF RADIATION ON

- Time characteristics of the photodepolarization of anthracene under short-duration ultraviolet irradiation. N.G. Mansvetov, G.I. Rukman, V.A. Savel'ev. *Fiz. tver. tela* 8 no.5:1650-1652 My '66.

ANTHRACITE COAL

- Crushing of high-grade anthracite during free falling. A.M. Girzhe'. *Ugol' Ukr.* 10 no.5:46-47 My '66.

ANTHRACNOSE

- (see also subdivision under Leningrad Province)

- Anthracnose of clover. Z. Kudrashaeva. *Zashch. rast.* 11 no.4:23-29 '66.

ANTHRANILIC ACID—SPECTRA

- Structure of biguanide and acetyl derivatives of o-amino-benzonic acid. V.I. Blyzhnikov, N.T. Solons'ka. *Farmatsev. zhur.* 20 no.3:9-13 '65.

ANTHRAQUINONESULFONIC ACID

- Reaction of lanthanum with alizarin S and o-hydroxyquinoline. L.S. Serdikh, S.M. Lazorina. *Zhur. neorg. khim.* 11 no.5:1142-1147 My '66.

ANTHRAX

- Experimental biological diagnosis of anthrax in the first days of treatment. I.A. Dukalov, M.F. Akulova. *Zhur. mikrobiol., epid. i immun.* 41 no.8:139-140 Ap '64.
- Hyperimmunization of goats for obtaining precipitating anthrax serum. L.E. Naimushina, S.G. Kolosov. *Trudy VNIIVS* 16:220-231 '60.

ANTHRAX—MICROBIOLOGY

- Decontamination of forage grain and hides contaminated with anthrax pathogen spores by the use of ethylene oxide. E.Sh. Akopjan. *Trudy VNIIVS* 16:264-272 '60.
- Decontamination of meat infected on the surface with anthrax spore pathogens. E.A. Bobyleva. *Trudy VNIIVS* 16:176-185 '60.
- Survival of anthrax spores during the methane fermentation of farm manure. V.D. Babinov, O.S. Mikhailova. *Trudy VNIIVS* 16:157-159 '60.

ANTHRAX—PREVENTIVE INOCULATION

- Further experimental study of the effectiveness of chemical anthrax vaccine. N.I. Aleksandrov and others. *Zhur. mikrobiol., epid. i immun.* 41 no.8:45-50 Ap '64.

ANTHRAX, SYMPTOMATIC

- Disinfection in symptomatic anthrax of cattle. S.II. Ismailov. *Veterinariia* 42 no.4:96-97 Ap '66.

ANTHIPOGEOGRAPHY see subdivision under Siberia

ANTHIPOMETRY

- Alekseev, V.P. [Osteometry; methodology of anthropological research] *Osteometriia; metodika antropologicheskikh issledovani.* Moskva, Nauka, 1966. 250 p.
- Application of stereophotogrammetry in anthropometric research. V.D. Pukhov and others. *Shvein. prom.* no.2:22-25 Mr-Apr '66.

ANTIBIOTIC METABOLISM

- Study of the circulation regularities of phenoxymethyl penicillin in rabbits. E.Rudzik, Z.V. Nefedova. *Antibiotiki* 11 no.4:368-373 Ap '66.

ANTIBIOTICS

- Antibiotic substance isolated from the leaves of the *Eucalyptus globulus* and its detoxicating properties. V.IA. Podlynsk. *Farmatsev. zhur.* 20 no.3:70-71 '65.
- Antibiotics and their use in neurosurgery. V.F. Imshenetskaia. *Vop. neirokhir.* 30 no.2:62-60 Mr-Apr '66.
- Classification and identification of antifungal antibiotics by chromatographic spectra. I.I. M. Khokhlova and others. *Izv. AN SSSR, Ser. biol.* no.3: 433-440 My-Je '66.
- Comparative study of the effect of antibiotics on enteropathogenic serotypes of *Escherichia coli*. P.K. Amulev, V.M. Petrov, L.A. Tsurina. *Veterinariia* 42 no.4:17-19 Ap '66.
- Determination of antimicrobial action during observations on the early stages of bacterial development. E.P. Pashkov, E.V. Rusakova. *Zhur. mikrobiol., epid. i immun.* 41 no.8:22-26 Ap '64.
- Development of resistance to antibiotics and the characteristics of paratyphoid B pathogens of various phage types. G.M. Adomonte. *Antibiotiki* 11 no.4:364-368 Ap '66.
- Duration of antibiotic excretion with the milk of cows. O.A. Simetaki. *Veterinariia* 43 no.5:81-83 My '66.
- Effect of antibiotics and their conjunctions with sulfanilamides on the urethral microflora in nongonorrheal urethritis in males. K.K. Solna. *Urol. i nefr.* no.3: 45-48 '65.
- Effect of D-cycloserine and florimycin on the activity of glutamate-aspartate-transaminase in the blood serum of white mice. O.M. Krepak. *Antibiotiki* 11 no.4:317-350 Ap '66.
- Experimental study of oletetrin. A.M. Savel'eva, E.K. Derezhina, V.B. Naumova. *Antibiotiki* 11 no.3:323-327 Ap '66.
- Kassirskii, I.A. [Seekers of new antimicrobial drugs] *Iskol'ti novykh antimikrobykh lekarstv.* Moskva, Meditsina, 1966. 65 p. (Nauchno-populnarnia meditsinskaiia literatura)
- Mechanism of the effect of polyene antifungal antibiotics on the glycolysis in animal tissues. A.N. Klinev, V.II. Litvinova. *Biokhimiia* 31 no.2:246-252 Mr-Apr '66.
- New antibiotics of fungous origin. T.P. Suprun. *Antibiotiki* 11 no.4:384-390 Ap '66.
- Resistance of dysenteric bacilli to antibiotics in vitro. L.I. Kaliteeva. *Zhur. mikrobiol., epid. i immun.* 41 no.7:23-29 Ji '64.
- Use of antibiotics against wilting. G. Kuz'mina. *Zashch. rast.* 11 no.4:31 '66.
- Use of colibacterin. V.V. Dobrovolskaia, E.E. Vasil'eva. *Zhur. mikrobiol., epid. i immun.* 41 no.8:29-31 Ap '64.
- Use of some antibiotics and other antiviral substances in agriculture. A.D. Bobye. *Mikrobiol. zhur.* 20 no.3:73-74 '66.
- ANTIGENS AND ANTIBODIES
- Agglutination reaction indices with various antigens of cattle serum. K.I. Kudriavtseva. *Trudy VNIIVS* 16: 232-241 '60.
- Antigenic structure of yellow-pigmented gram-negative bacteria isolated from man. Report No. 2. O- and H-antigens and the nature of antigenic relations between cultures. M.A. Elshina. *Zhur. mikrobiol., epid. i immun.* 41 no.7:34-39 Ji '64.

ANTIGENS AND ANTIBODIES (Continued)

Changes in the content of lysozyme in the blood of animals under the influence of injections of streptococcus and homologous tissue antigen. E. S. Fidlerman, L. L. Avet'yanova. *Blul. eksp. biol. i med.* 58 no. 12:39-41 D '64.

Chemical composition and immunogenic properties of paratyphoid A antigens. N. I. Kovaleva, N. V. Khatunseva. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:20-33 JI '64.

Detection of a new embryonic component in the blood serum of dog fetuses. A. V. Afanas'eva. *Vop. med. khim.* 12 no. 3:327-328 My-Je '66.

Determining the localization of X-virus antigen in the leaf tissues of potatoes and *Datura stramonium* by the fluorescent antibody method. I. P. Zhuk, I. A. H. Kishiko. *Mikrobiol. zhur.* 28 no. 2:51-56 '66.

Dynamics of the formation of O-antibodies in typhoid fever patients treated with levonycellin. I. V. Rubtsov, A. P. Aliluev. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:130-139 Ag '64.

Effect of dimedrol on specific immunological reactions in anaphylactic shock; experiments in vivo. V. K. Kozlov. *Blul. eksp. biol. i med.* 58 no. 9:106-108 S '64.

Evaluation of the aldolase test and the titer of hetero- and autoantibodies in the serum in Botkin's disease. D. E. Zibitsker. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:155 JI '64.

Leetins as one of the indices of the antigen-serological unity and diversity of the organic nature. M. I. Potapov. *Vest. AMN SSSR* 21 no. 5:85-95 '66.

Methodology for studying antibody formation by single isolated cells. I. A. S. Shvartsman. *Blul. eksp. biol. i med.* 58 no. 12:88-90 D '64.

Problems of the antigenic structure of organisms and of I. L. Krichevskii's works. P. N. Kosikakov. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:126-129 Ag '64.

Relation of Y antigen to the action of some physical and chemical factors. B. E. Chechik. *Blul. eksp. biol. i med.* 58 no. 12:60-65 D '64.

Some characteristics of the localization of antibodies in vaccinated animals and animals with brucellosis. V. S. Stepin. *Veterinariia* 43 no. 5:13-15 My '66.

Some clinicalchematological and immunological phenomena following the action of Freund's adjuvant on white rats. V. V. Sura, V. A. Kolaev, I. V. Konstantinova. *Blul. eksp. biol. i med.* 58 no. 9:97-102 S '64.

Specific antigen in Fiedler's idiopathic myocarditis. V. A. Kononachenko, L. I. Ignatova, I. I. Podoplelov. *Arkh. pat.* 28 no. 4:49-53 '68.

Study of antigen fractions isolated from tumor cells treated with detergents. B. D. Bronz. *TSitologiya* 6 no. 4:443-451 JI-Ag '64.

Synthesis and properties of new immunosorbents. O. B. Kazoleva, A. E. Gurvich. *Vop. med. khim.* 12 no. 3:316-324 My-Je '66.

Synthesis of organ-specific liver antigens by transplanted rat lymphosarcoma cells under the influence of the rat liver RNA. T. N. Kopylova-Sviridova and others. *TSitologiya* 6 no. 4:501-504 JI-Ag '64.

ANTIGENS AND ANTIBODIES—ANALYSIS

Antigen analysis of media used for the cultivation of cells in vitro. E. P. Ugrumov, V. T. Karpakov. *Blul. eksp. biol. i med.* 58 no. 12:70-75 D '64.

Antigenic properties of Mycobacterium in the reaction of diffuse precipitation in gel. B. N. Koz'min-Sokolov. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:111-115 Ap '66.

Surface antigen of paratyphoid B bacteria. Report No. 1. L. K. Stepanova and others. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:43-47 JI '64.

Technique of the conduction of the reaction of microprecipitation in agar. V. V. Sukhar'. *Lab. delo* no. 4:232-234 '66.

ANTIHISTAMINES

Effect of ciproheptadine and dimedrol on experimental pneumococcal infection in rats and typhoid intoxication in rabbits. Z. A. Poponenkova. *Farm. i toks.* 29 no. 2:209-213 Mr-Ap '66.

ANTIHYPERTENSIVE AGENTS

Effect of reserpine and dimecoline on the lipid and protein metabolism in hypertension and coronary atherosclerosis. P. M. Sivukov. *Sov. med.* 28 no. 9:31-34 S '64.

Effect of some hypotensive agents on the cerebral blood circulation. T. I. Liberman. *Farm. i toks.* 29 no. 2:140-142 Mr-Ap '66.

Ergozid treatment of patients with hypertension and the hypertensive form of chronic nephritis. G. L. Darbinian, G. G. Gevorkian. *Zhur. eksp. i klin. med.* 6 no. 1:85-93 '66.

Mechanism of the hypotensive effect of ethyl ester of nicotinic acid (Nicethan). G. A. Sidoruk. *Farm. i toks.* 29 no. 2:135-136 Mr-Ap '66.

Propynylamine derivatives, a new group of hypotensive substances with a mechanism of fermentative action. I. S. Chekman. *Farmatsev. zhur.* 21 no. 2:68-71 '66.

Treatment of coronary insufficiency with pastinacin. P. I. Bezruk and others. *Sov. med.* 28 no. 9:84-87 S '64.

ANTIMETABOLITES

Use of 6-mercaptopurine in the treatment of the immune form of Werthof's disease. L. G. Kovaleva. *Probl. gemat. i perel. krovi* 11 no. 4:39-41 Ap '66.

ANTIMONY

Radioactivation analysis of impurities in antimony. P. I. Artukhin, E. N. Gilbert, V. A. Pronin. *Zhur. anal. khim.* 21 no. 4:504-505 '66.

Vapor pressure of metallic antimony and antimony trioxide at high temperatures. F. A. Myzenkov, D. N. Klushin. *Zhur. prikl. khim.* 38 no. 3:1709-1716 Ag '65.

ANTIMONY CHLORIDES

System $\text{CaCl}_2 - \text{SbCl}_3 - \text{HCl} - \text{H}_2\text{O}$ at 25°C. G. V. Zimin and others. *Zhur. neorg. khim.* 11 no. 4:859-863 Ap '66.

ANTIMONY POTASSIUM CHLORIDE

System $\text{KCl} - \text{SbCl}_3 - \text{HCl} - \text{H}_2\text{O}$. G. V. Zimin, S. B. Stepin, V. E. Plushchev. *Zhur. neorg. khim.* 11 no. 5:1197-1112 My '66.

ANTIMONY SALTS

Extraction of antimony from antimony thio and hydroxy salt solutions by electrolysis in the cascade of baths diaphragms with independent overflow of anolyte and catholyte. N. D. Birtukov. *Zhur. prikl. khim.* 38 no. 8:1745-1754 Ag '65.

ANTINEOPLASTIC AGENTS

Effect of phenol compounds on the biosynthesis of protein and nucleic acids in the cells of human laryngeal cancer (HEP-2). G. V. Kukushkina, L. B. Gorbacheva, N. M. Emanuel'. *Vop. onk.* 12 no. 5:54-56 '66.

Effect of 2-thionitrocell on the antineoplastic activity of dipin. V. A. Chernov, S. M. Minakova, A. A. Grushina. *Vop. onk.* 12 no. 5:67-70 '66.

Heteroantigens of myogenic rat tumors. V. A. Fel' and others. *Dokl. AN SSSR* 168 no. 2:451-453 My '66.

Nonspecific antitumor immunization. P. A. Bulanov. *Dokl. AN SSSR* 10 no. 5:363-364 My '66.

Toxic and antineoplastic action of beta-sitosterol and cholesterol esters of p-di-(2-chloroethyl)-aminophenyl-acetic acid. S. A. Degteva, L. F. Lartunov. *Vop. onk.* 12 no. 5:51-53 '66.

ANTIOXIDANTS

Determination of antioxidants and their chromatographic separation. B. Sedlachek. *Vop. pit.* 23 no. 4:8-13 JI-Ag '64.

ANTISEPTICS

Effect of various antiseptics and temperatures on the autolysis of yeasts. S. I. Chernykh. *Mikrobiol. zhur.* 28 no. 2:23-29 '66.

Method of treating surgeon's hands and the flexor carpi ulnaris of the donor with "Novosept" without water. D. L. Oshevolich, L. B. Stepanova. *Probl. gemat. i perel. krovi* 11 no. 1:52-54 Ja '66.

ANTISPASMODICS

Effect of the alkaloid triacanthine on the coronary blood circulation and the oxygen consumption by the myocardium. K. Kh. Khaidarov. *Farm. i toks.* 29 no. 2:184-186 Mr-Ap '66.

Relation between the structure and the spasmolytic activity in the series of derivatives of coumarin and furocoumarin. I. A. I. Khudzhai, G. V. Obolentsova, A. P. Prokopenko. *Farm. i toks.* 29 no. 2:150-163 Mr-Ap '66.

ANTITUBERCULAR AGENTS

Chemotherapy of tuberculosis patients in the presence of mycobacterial resistance to basic antitubercular preparations. M. Zorski, A. Zachara. *Probl. tub.* no. 7:23-28 '65.

Comparative data of determining the resistance of Mycobacterium tuberculosis to the basic antitubercular preparations in various solid media. A. Z. Smolnanskina, E. M. Morein. *Lab. delo* no. 4:227-229 '66.

Course and outcome of pulmonary tuberculosis following conservative treatment. V. P. Krzhivitskaya, N. G. Feldsherova. *Probl. tub.* no. 7:41-45 '65.

Course of pulmonary tuberculosis and the effectiveness of antibacterial therapy in elderly persons. A. A. Reimval'd. *Probl. tub.* no. 7:31-36 '65.

Ethionamide in the clinical aspects of pulmonary tuberculosis and its action on the macroorganism. M. A. Karachukil. *Probl. tub.* no. 9:39-43 '64.

Use of ethionamide in pulmonary tuberculosis. T. V. Smirnova, N. I. Artemiev. *Probl. tub.* no. 9:35-39 '64.

ANTS—PARASTIES see Parasities—Ants

ANUS—SURGERY

Early surgical treatment of anorectal thrombophlebitis. V. R. Kovalenko. *Klin. khir.* no. 7:58-63 '65.

AORTA

Case of toxic effect of cardiotrast in its intra-aortic introduction. B. L. Polonskii, V. B. Sytenko, V. S. Vtarchenko. *Vest. rent. i rad.* 41 no. 2:100-102 Mr-Ap '66.

AORTA—DISEASES

Ballistocardiography in patients with combined mitral, aortic and tricuspid stenosis before and following surgery. K. A. Sergeeva, B. M. Kostuchenok. *Kardiologiya* no. 5:11-15 '64.

Case of Takayasu's syndrome associated with the thymico-lymphatic state. R. P. Zelenin, G. S. Kriyukhova. *Grad. khir.* 8 no. 2:119-120 Mr-Ap '66.

Effect of disorders of carbohydrate metabolism on the aortic wall and the development in it of alimentary lipodosis in rabbits. M. V. Bavina and others. *Arkh. pat.* 20 no. 3:21-25 '68.

Effect of hepatic lesion induced by carbon tetrachloride on the development of experimental cholesterol lipodosis of the aorta in rabbits. V. I. Metelisa. *Kardiologiya* no. 5:57-62 '64.

Electrocardiogram in isolated aortic stenosis. K. P. Butenko and others. *Kardiologiya* 4 no. 2:67-68 Mr-Ap '64.

Electrocardiography in the diagnosis of aortic defects. E. I. Kuzina. *Kardiologiya* 4 no. 2:30-35 Mr-Ap '64.

Method for single-stage aorto- and arteriography. V. M. Bulanov, I. I. Zatevskii. *Vest. rent. i rad.* no. 2:23-25 '64.

Phonocardiography in aortic coarctation. A. B. Zorin, I. U. Pisarev. *Kardiologiya* 4 no. 2:35-41 Mr-Ap '64.

Puncture of the left ventricle in the diagnosis of some defects of the heart and major vessels. F. Kh. Kutushev, A. B. Zorin. *Kardiologiya* no. 5:20-24 '64.

AORTA—RADIOGRAPHY

Methodology for abdominal aortography and femoral arteriography. V. S. Rabotnikov, P. P. Ananikian, I. I. Rushakov. *Vest. rent. i rad.* no. 2:21-23 '64.

AORTA—SURGERY

Effect of the operation on water-salt metabolism in patients with coarctation of the aorta. E. P. Stepanian, A. V. Pokrovskii, H. M. Tal'pik. *Grad. khir.* 8 no. 2:46-50 Mr-Ap '66.

AORTIC VALVE—SURGERY

Methodology of and some data on the determination of the size of the aorta in patients with insufficiency of the aortic valve. G. T. Golikov, I. U. S. Petrovskii, M. G. Khomatova. *Grad. khir.* 8 no. 2:50-55 Mr-Ap '66.

APARTMENT HOUSES

Solar exposure of apartments in various model sections with various orientation in reference to the meridian. R. M. Rondel'. *Izv. vys. ucheb. zav.; stroi. i arkh.* 9 no. 3:133-137 '66.

APARTMENT HOUSES—DESIGN AND CONSTRUCTION

(see also subdivision under Donetsk; Hungary; Moldavia; Moscow; Russia; Southern; Ural Mountain region; Uzbekistan; Warsaw)

Architectural and planning characteristics of apartments of compact apartment houses in the U.S.S.R. A. V. Rodionov. *Stroi. i arkh.* [Sbornik] no. 4:31-39 '66.

Evaluating the plan features of apartment houses. G. I. Lavrik. *Stroi. i arkh.* [Sbornik] no. 4:92-98 '65.

Flexible living areas. I. A. E. Vasserman. *Stroi. i arkh.* [Sbornik] no. 4:40-52 '66.

Method of evaluating design features of apartment houses at the stage of design suggestions and assignments. D. N. Abdonov. *Stroi. i arkh.* [Sbornik] no. 4:86-91 '66.

Moscow. Tsentral'nyi nauchno-issledovatel'skii i proektno-eksperimental'nyi institut industrial'nykh zhitlykh i massovykh kul'turno-bytovykh zdani. [Performance of elements in apartment houses made of large components] Rabota konstruktivnykh zdani iz krupnozamerennykh elementov; Sbornik statel. Pod red. G. A. Shapiro. Moskva, Stroizdat. No. 2. [1965] 367 p.

Organization of work in the construction of separate apartment houses. G. Iskhannian. *Zhil. stroi.* no. 8:24 '64.

Parameters of living areas with transverse bearing walls. I. A. A. Steinhilber. *Stroi. i arkh.* [Sbornik] no. 4:20-30 '66.

Principles for evaluating designs of apartment houses. I. U. Shif. *Stroi. i arkh.* [Sbornik] no. 4:99-112 '66.

Settling people in apartment houses. V. Repnikov. *Zhil. stroi.* no. 8:17-19 '64.

Technical and economic factors in the building of high-rise apartment houses in coal-bearing areas. I. A. I. Beilinson, A. S. Maznitskii. *Stroi. i arkh.* [Sbornik] no. 4:118-123 '66.

Thorough calculation determines the selection of the number of stories. K. Paryshina. *Na stroi. Ros.* 7 no. 4:26 Ap '66.

APARTMENT HOUSES—HEATING AND VENTILATION

Microclimate and air exchange in present-day apartments. Kh. A. Zarivaiskaya. *Stroi. i arkh.* [Sbornik] no. 4:124-131 '66.

Study of the microclimate of living areas. E. G. Perepletchikov, I. F. Fialko. *Izv. vys. ucheb. zav.; stroi. i arkh.* 9 no. 2:81-85 '66.

APARTMENT HOUSES—MAINTENANCE AND REPAIR

(see also subdivision under Siberia)

Method of determining the effect of successive maintenance expenditures on the economics of multifamily apartment houses. M. D. Shnitskii. *Str. i arkh.* [Sbornik] no. 4:113-117 '66.

APATITE

(see also subdivision under Chukchi Peninsula; Khibiny Mountains; Verkhoyansk Range)

Complex processing of table salt. Part 5: Preparation of nitrogenous-phosphorous fertilizer by the decomposition of apatite concentrate by ammonium bisulfate. S. S. Karakhanian, G. O. Grigorian, R. L. Mirumian. *Izv. AN Arm. SSR. Khim. nauk* 18 no. 6:615-620 '65.

Crystal chemistry of silicates with an apatite-like structure. G. A. Sidorenko. *Rent. min. syr.* no. 4:39-61 '64.

Crystal chemistry of some minerals of the apatite group. S. V. Borisov, R. F. Klevtsova. *Rent. min. syr.* no. 4:62-66 '64.

Development of a new technology for the dressing of apatite-nephelinite ores and for the conditions of the extraction of large apatite particles. V. M. Dorisov, I. U. M. Smirnov, L. I. Stremovskii. *Khim. prom.* 42 no. 5:357-359 My '66.

Floitation of phosphate ores with synthetic anion collectors. E. V. Danilova, S. I. Gorlovskii. *Obog. rud.* 11 no. 1: 20-22 '66.

APATITE—ANALYSIS

Forms in which uranium is found in phosphorites; a review. M. I. Tarantsova. *Metod. izuch. veshch. sost. i kh. prim.* no. 1:73-77 '65.

APATITE MINES AND MINING see subdivision under Apatite region (Murmansk Province)

APATITE REGION (MURMANSK PROVINCE)—APATITE MINES AND MINING

Experience in using divided charges with air spaces at the Rasvachorsk-Tsirk apatite open-pit mine. F. G. Grachev, V. P. Pavlov, A. A. Kuleshov. *Vzryv. delo* no. 59/16:113-117 '66.

APATITE REGION (MURMANSK PROVINCE)—CRUSHING MACHINERY—TESTING

Testing the diagrams for the automation of the cycle of comminution at the "Apatit" Combine. B. A. Kaplan-ski, T. P. Afanas'ev. *Obog. rud.* 11 no. 1:44-49 '66.

APOPLEXY

Electroencephalographic data on acute cerebral insult in the light of their statistical analysis. E. A. Zhirmunskaya. *Vest. AMN SSSR* 21 no. 5:27-36 '66.

APPARENT DEATH see Death, Apparent

APPENDICITIS

Clinical significance of the determination of the aldolase and transaminase activity in acute cholecystitis and acute appendicitis. E. A. Khvatova. *Klin. khir.* no. 7: 24-26 '65.

Moscow. *Obtastnoi nauchno-issledovatel'skii klinicheskii institut*. [Materials on the study of acute appendicitis] *Materiialy k ucheniu o ostrou appendicitise*. Red. koll.: P. M. Leonenko i dr. Moskva, Mosk. obl. otel. zdravoochraniia, 1965. 227 p. (Trudy) (DNL)

APPLE

Anomalies in the development of embryo sacs in apple tree. A. I. A. Radionenko. *Dokl. AN SSSR* 168 no. 1: 215-218 My '66.

APPLE—DISEASE AND PEST RESISTANCE

Infestation of different apple varieties by the red spider *Panonychus ulmi*. M. K. Asatur. *Zap. LSKHI* 95:90-99 '65.

APPLE—DISEASES AND PESTS

Changes in the infestation of apple trees by the red spider *Panonychus ulmi* depending on the system of soil cultivation in the orchard. M. K. Asatur, I. S. Studenskaya. *Zap. LSKHI* 95:100-105 '65.

Improving the control of the apple sawfly. I. U. Karabash. *Zashch. rast.* 11 no. 5:55-56 '69.

APPLE BREEDING

Isaev, S. I. [Breeding and new varieties of apple] *Selektzia i novye sorta jabloni*. Moskva, Kolos, 1966. 446 p. (DNL)

APPLIED MECHANICS see Mechanics, Applied

APPROXIMATE COMPUTATION

Gavrilov, G. K. [Approximation methods for the analysis of transient processes] *Priblizhennye metody analiza perekhodnykh protsessov*. Moskva, Sovetskoe radio, 1968. 161 p.

Method of approximate computation of overdense configurations. E. V. Chubarian, M. A. Mnatsakanian. *Astrofizika* 1 no. 4:477-479 D '65.

Methods of approximate computation in the 9th-11th grades of secondary schools. L. F. Pichurin. *Uch. zap. TGPI* 21:172-181 '64.

Planning of experiments for measuring normally distributed values of comparatively great dispersion. M. I. Pavlishchev. *Khim. mashinostr.* no. 2:132-139 '65.

APRICOT JUICE see subdivision under Armenia

APSHERON ARCHIPELAGO—FOLDS (GEOLOGY)

Formation of folds in the southeastern part of the Apsheron archipelago. I. A. G. Gadzhiev. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no. 4:19-25 '65.

APSHERON PENINSULA—GAS, NATURAL—GEOLOGY

Minerpetrographic and physical alterations of the rocks of producing layer with regard to depth in the boundaries of the Apsheron oil- and gas-bearing region. G. I. Teodorovich, A. A. Chernov. *Sov. geol.* 8 no. 9:108-117 S '65.

APSHERON PENINSULA—PETROLEUM GEOLOGY

Effect of zonal distribution of regimes on petroleum recovery from the horizons of the Kirmaki series. Ch. M. Sheidnev, A. A. Mamedov. *Azerb. nef. khoz.* 45 no. 4:5-7 Ap '66.

Minerpetrographic and physical alterations of the rocks of producing layer with regard to depth in the boundaries of the Apsheron oil- and gas-bearing region. G. I. Teodorovich, A. A. Chernov. *Sov. geol.* 8 no. 9:108-117 S '65.

APSHERON PENINSULA—TICKS AS CARRIERS OF DISEASE

Epizootology of Hemosporidia infections on the Apsheron Peninsula and their prevention. M. G. Gumbatov. *Veterinaria* 42 no. 4:50-51 Ap '66.

AQUARIUMS

Pleshanov, A. S., and V. G. Pleshanova. [Underwater kingdom at home] *Podvodnyi mir doma*. [Irkutsk] *Vostochno-Sibirskoe knizhnoe izd-vo*, 1965. 97 p.

AQUARIUMS—JUVENILE LITERATURE

Gold of the underwater kingdom. I. U. Gerbov. *Sem'ia i shkola* 21 no. 4:57 Ap '66.

AQUATION

Aquation of dichlorotetraaquochromic chloride in the presence of bivalent chromium ions. N. E. Nechaeva and others. *Zhur. neorg. khim.* 11 no. 5:931-939 My '66.

ARAB COUNTRIES—ECONOMIC CONDITIONS

Akademiia nauk SSSR. Institut narodov Azii. [Arab countries; history and economics] *Arabskie strany; istoriia, ekonomika*. Moskva, Nauka, 1966. 281 p.

ARAB COUNTRIES—HISTORY

Akademiia nauk SSSR. Institut narodov Azii. [Arab countries; history and economics] *Arabskie strany; istoriia, ekonomika*. Moskva, Nauka, 1966. 281 p.

ARABIC LANGUAGE—DICTIONARIES—POLYGLOT

Khamzin, K. Z., M. I. Makhmutov, and G. Sh. Saifullin. [Arabic-Tatar-Russian dictionary of loan words; Arabic and Persian elements in the language of Tatar literature. With a supplementary guide to Arabic grammar compiled by M. I. Makhmutov] *Arabsko-tatarsko-russkii slovar' zaimestvovani; arabizmy i farsizmy vazyke tatarskoi literatury*. 8 prilozheniiem spravochnika po arabskoi grammatike, sostavlenno M. I. Makhmutovym. Kazan', Tatarskoe knizhnoe izd-vo, 1965. 853 p.

ARABS

New problem of the medieval history of the Arabs: Arabs and the sea. T. A. Shumovskii. *Strany i nar. Vost.* no. 4:226-231 '65.

ARAGATS, MOUNT—ALPINE FLORA

Some biological characteristics of the plants growing in the upper part of the Alpine belt of Mount Aragats. V. E. Voskanian. *Bor. zhur.* 51 no. 2:257-265 F '66.

ARAGATS, MOUNT—GEOLOGY

Geology and petrology of the Aragats Massif (Armenia). K. N. Paffengol'ts, G. T. Ter-Mestropian. *Sov. geol.* 8 no. 9:98-107 S '65.

ARAGATS, MOUNT—PETROLOGY

Geology and petrology of the Aragats Massif (Armenia). K. N. Paffengol'ts, G. T. Ter-Mestropian. *Sov. geol.* 8 no. 9:98-107 S '65.

ARAL SEA REGION—EARTH—SURFACE

Structure of the earth's crust and the upper part of the mantle based on data of deep seismic sounding in the Kopetdag and Aral Sea regions. V. Z. Riaboi. *Sov. geol.* 9 no. 5:159-162 My '66.

ARAL SEA REGION—GEOLOGY

New data on the structures of the northwestern Aral Sea region. L. G. Kirikhin. *Geol. nef. i gaza* 10 no. 5: 18-20 My '66.

ARAL SEA REGION—MARINE SEDIMENTS

Correlation of marine Paleogene sediments of the Aral Sea region and Kyzyl Kum according to Foraminifera. M. I. Martynova, E. M. Sokunova. *Izv. AN Kazakh. SSR. Ser. geol.* 23 no. 1:56-59 Ja-F '66.

ARAL SEA REGION—POTATOES—IRRIGATION

Dynamics of the formation of potato yield under irrigation. P. A. Maliagin. *Vest. sel'khoz. nauk* 11 no. 2:23-26 F '66.

ARAMAIC LANGUAGE—DIALECTS

Tsereteli, K. G. [Materials on Aramaic dialectology] *Materiialy po arameiskoi dialektologii*. Tbilisi, Izd-vo Melanieraba. Vol. 1. [The Urmi dialect] *Urmitiskii dialekt*. No. 1. 1965. 147 p. [Parallel text in Urmi and Russian]

ARAS VALLEY—GEOLOGY, STRATIGRAPHIC

Facies characteristics of Cretaceous sediments in the Araks tectonic zone. A. E. Bagirov. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no. 6:13-20 '65.

ARBITRATION AND AWARD

Arbitration and the new contractual agreements. I. Lesnik, L. Vizenfel'd. *Zakup. sel'khoz. prod.* no. 4: 38-39 Ap '66.

ARBUZOV REARRANGEMENT see Rearrangements (Chemistry)

ARCHAEOCYATHIDAE

Vologdin, A. G. [Cambrian Crinicyathidae of the U. S. S. R.] *Krinitatsy kembriia SSSR*. Moskva, Nauka, 1966. 63 p. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, no. 100)

ARCHAEOLOGICAL RESEARCH

(see also subdivision under Dnepropetrovsk Province) An all-Union conference on the problem of Andronovo culture. *Krat. soob. Inst. arkheol.* no. 106:116-120 '66.

Archaeological studies of the Section of the Neolithic period and the Bronze Age in 1964. *Krat. soob. Inst. arkheol.* no. 106:115-117 '66.

Practical use of spectrum analysis in the Institute of History of the Academy of Sciences of the Azerbaijan S. S. R. I. R. Sofimukhanov. *Izv. AN Azerb. SSR. Ser. obschestv. nauk* no. 6:130-142 '65.

ARCHAEOLOGY see subdivision under Estonia

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHANGEL—CARGO HANDLING

Under conditions of cooperation. F. Ovchinnikov. *Rech. transp.* 25 no. 4:20-21 '66.

ARCHANGEL—INSURANCE, SOCIAL

We know our shortcomings. A. Logaev. *Sots. cheap.* 41 no. 5:25 My '66.

ARCHANGEL—VIEWS

[Archangel] *Arkhangel'sk*. [Arkhangel'sk Severo-Zapadnoe knizhnoe izd-vo, 1966. 12 p. (chiefly illus.)

ARCHANGEL PROVINCE—COMMUNIST YOUTH LEAGUE

Vaganov, D. I. [At the sources] *U istokov*. [Vologda] Severo-Zapadnoe knizhnoe izd-vo, 1965. 101 p. (CSB-II)

ARCHANGEL PROVINCE—FORESTS AND FORESTRY—VALUATION

Increment of mixed pine and birch stands of the highest productivity class in Archangel Province. O. A. Nevelin. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 1:19-23 '66.

ARCHANGEL PROVINCE—LARCH—FROST RESISTANCE

Effect of frost on larch plantations in the northern districts of Archangel Province. L. A. Ershov. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 1:172-173 '66.

ARCHES

Double-jointed arch reinforced by guys. I. E. Tsetyrkin. *Trudy MIT* no. 194:130-141 '66.

Stability of a cantilever-arch system with a superarch structure taking into account the behavior of a load. B. P. Derzhavin. *Trudy MIT* no. 194:142-151 '66.

Three-dimensional stability of two arches connected with lateral struts. I. U. P. Belogortsev. *Prikl. mekh.* 2 no. 5:84-89 '66.

ARCHES—DESIGN AND CONSTRUCTION

Calculating arches with a rational axis. S. M. Starostin. *Trudy LPI* no. 257:27-31 '65.

ARCHES—VIBRATION

Natural vibrations of continuous parabolic arches and frames with separate curvilinear elements. K. E. Kitaev. *Trudy MIT* no. 194:68-82 '66.

ARCHITECTS

In the Union of Architects of the U.S.S.R. Arkh't. SSSR no. 3:63-64 '66.

ARCHITECTURAL MUSEUMS see subdivision under Kizhi Island

ARCHITECTURE

(see also subdivision under Leningrad; Moscow; Moscow region; Novgorod; Ukraine; Uzbekistan)

Architectural and artistic problems of industrial housing construction. B. Rubanenko. Arkh't. SSSR no. 3:33-44 '66.

Brodskii, B.L. [The artist and the city] Khudozhnik i gorod. Moskva, Iskusstvo, 1965. 120 p. illus. (MH)

Keller, B.B., and S.O. Khan-Magomedov. [Present-day architecture of capitalist countries; contradictions and tendencies of its development] Sovremennaya arkhitektura kapitalisticheskikh stran; protivorechiya i tendentsii razvitiya. Pod red. G.D. Minervina. Moskva, Stroizdat, 1966. 224 p.

Some methodological problems and the theory of architecture and building. A.I. Klevtsov. Filos. probl. such. pryrod. no. 2:127-133 '64.

Zhuravlev, A.M. [Soviet architecture today] Sovetskaya arkhitektura segodnya. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. VI Seriya: Literatura i Iskusstvo, no. 9)

ARCHIVES see subdivision under Yakutia

ARCTIC REGIONS—FROZEN GROUND

Consolidation-geological processes in the polar desert as a result of the seasonal ice formation in the active layer. V.G. Chigir. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:67-71 Mr-Apr '65.

ARCTIC REGIONS—GERMINATION

Force of germination of the plant seeds of the Arctic Urals. A.P. Steshenko. Bot. zhur. 51 no. 2:221-233 F '66.

Germination of the seeds of some Arctic plants. N.M. Zemtsova. Biol. Glav. bot. sada no. 50:67-71 '65.

ARCTIC REGIONS—METEORS

Meteor shower in the region around the North Pole (Polaroids). A.M. Bakharev. Biol. VAGO no. 37:20-34 '65.

ARCTIC REGIONS—NAVIGATION

Qualitative ice situation forecasts are the prerequisites of successful navigation of ships in the Arctic. V. Sakharov. Mor. flot 26 no. 4:21-22 Ap '66.

ARCTIC REGIONS—RUSSIAN EXPLORATION

Maria Prokhorovna as the first Russian woman Arctic explorer. A.I. Dubravina. Sudostroenie 56 no. 3:79-81 Mr '66.

An outstanding polar expedition. A.I. Dubravina. Sudostroenie no. 9:63-74 S '65.

ARCTIC REGIONS—SEA ICE

Qualitative ice situation forecasts are the prerequisites of successful navigation of ships in the Arctic. V. Sakharov. Mor. flot 26 no. 4:21-22 Ap '66.

ARGENTINA—COMMUNIST PARTY

Inevitable success. Alcega de la Peña. Part. zhizn' no. 12:70-74 Je '66.

ARGON ISOTOPES

Isotopic composition of argon in natural gases. V.V. Cherdyn'tsev, E.M. Kolesnikov, I.V. Lizarskaya. Geokhimiya no. 5:604-606 My '66.

ARGON VALLEY—GEOLOGICAL TIME

Structural division of the Upper Mesozoic volcanic sedimentary deposits and the age of low-temperature hydrothermal mineralization in the Argon Valley (eastern Transbaikalia). G.A. Shatkov. Geol. rud. mestorozh. 8 no. 1:101-105 Ja-F '66.

ARGON VALLEY—VOLCANIC ASH, TUFF, ETC.

Structural division of the Upper Mesozoic volcanic sedimentary deposits and the age of low-temperature hydrothermal mineralization in the Argon Valley (eastern Transbaikalia). G.A. Shatkov. Geol. rud. mestorozh. 8 no. 1:101-105 Ja-F '66.

ARID REGIONS see subdivision under Azerbaijan

ARISTOTELES

Aristotle's theory of the soul and ancient determinism. M.G. Iaroshvskii. Vop. filos. 20 no. 5:107-117 '66.

ARITHMETIC—STUDY AND TEACHING

Arithmetic dictations. M.O. Iakovenko. Rad. shkola 45 no. 5:80-84 My '66.

Educational (developing) characteristics of the teaching of arithmetic. N.G. Urkina. Nach. shkola 34 no. 5: 50-52, 66 My '66.

ARKHANGEL'SKII, NIKOLAI NIKOLAEVICH, 1896-

70th birthday of Nikolai Nikolaevich Arkhangel'skii. Vest. bel'khov. nauki 11 no. 4:119 Ap '66.

ARM—BLOOD SUPPLY

Changes in blood circulation in the upper extremity during static stress. R.L. Titievskaya. Fiziol. zhur. 50 no. 9: 1129-1135 S '64.

ARMAND, INESSA (STEPHANE), 1875-1920

Inessa Armand, a revolutionary and a mother. I. Feldman. Doshk. vosp. 39 no. 4:72-79 Ap '66.

ARMED FORCES see subdivision under Russia

ARMENIA—AGGREGATES (BUILDING MATERIALS)

Efficiency of the use of Armenian natural light-weight fillers in the construction industry of the southern zone of the U.S.S.R. Z. Atsagortsean, K. Simonian. Prom. Arm. 9 no. 3:10-13 Mr '66.

ARMENIA—APRICOT JUICE

Production of apricot juices. A. Markh, F. Meliksetian. Prom. Arm. 9 no. 2:12-15 F '66.

ARMENIA—CAST IRON

Calculating the increase in requirements for castings in the Armenian S.S.R. S. Muradian. Prom. Arm. 9 no. 2:15-18 F '66.

ARMENIA—CEMENT INDUSTRIES

Toward new achievements. L. Agareva. Prom. Arm. 9 no. 2:8-9 F '66.

ARMENIA—COPPER MINES AND MINING

Problem of the utilization of copper waste in Armenian mines. L.A. Satin, Zh. Gukasian. Prom. Arm. 9 no. 2: 5-7 F '66.

ARMENIA—ELECTRIC EQUIPMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

Innovators of the Armenian Electric Equipment Industry suggest. G. Chernousova. Prom. Arm. 9 no. 3:43-44 Mr '66.

ARMENIA—ELECTRIC POWER DISTRIBUTION

Saving electric power in water supply systems of industrial enterprises. G. Musaelian. Prom. Arm. 9 no. 2: 21-23 F '66.

ARMENIA—ELEPHANTS, FOSSIL

First find of Palaeoloxodon elephant in the Armenian S.S.R. L.A. Avakian, L.I. Alekseeva. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:3-8 '66.

ARMENIA—GEOLOGY, STRATIGRAPHIC

Facies and paleogeography of the Erevan-Vedi depression in the Dandian and Paleocene. M.A. Satian, Zh. O. Stepanian. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:34-42 '66.

ARMENIA—GEOLOGY, STRUCTURAL

Fan-shaped structure of the Gogaran Range. P. L. Upre-main. Izv. AN Arm. SSR, Nauki o zem. 10 no. 1/2:169-171 '66.

Plan for geological and geophysical regionalization of the Armenian S.S.R. and adjacent parts of the "Anticaucausus." A.A. Gabrielyan, L.K. Paleyosian. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:21-33 '66.

ARMENIA—GLACIAL EPOCH

Upper Paleocene glaciation of the Armenian S.S.R. G.S. Abramyan. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2: 159-162 '66.

ARMENIA—GRANITE

Origin of granulites; as revealed by a study made in the Armenian S.S.R. S.I. Balasanyan. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:63-78 '66.

ARMENIA—GRAVITY ANOMALIES

Causes provoking negative anomalies in the Armenian S.S.R. Sh. S. Oganesian. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:132-138 '66.

ARMENIA—HEATING FROM CENTRAL STATIONS

Outlook for the centralized heat supply. L. Kuleian, L. Morosian. Prom. Arm. 9 no. 3:13-17 Mr '66.

ARMENIA—INDUSTRIAL MANAGEMENT

Eliminate losses of working time. M. Mungasarian. Prom. Arm. 9 no. 3:18-19 Mr '66.

In the Committee of Public Control. Prom. Arm. 9 no. 2:67-69 F '66.

ARMENIA—KURDS

Chatoov, Kh. M. [Kurds of Soviet Armenia; an historical outline, 1920-1940] Kurdy sovetskoi Armenii; istoricheskii ocherk, 1920-1940. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1965. 152 p. (CS-H)

ARMENIA—LAW

Armenian S.S.R. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Armenian S.S.R., third session, June 3-4, 1964. Verbatim report] Zasedaniya Verkhovnogo Soveta Armianskoi SSR shestogo sozyva, tret'ia sessiya (3-4 iyunia 1964 g.) Stenograficheskii otchet. Erevan, Izd. Verkhovnogo Soveta Armianskoi SSR, 1964. 198 p.

ARMENIA—LIMESTONE

Structural-genetic types of limestones and some characteristics of sedimentation in the Upper Jurassic (Oxford-Kimmeridge) volcanic-carbonate series in the north-eastern part of the Armenian S.S.R. R.A. Mandalian. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:166-168 '66.

ARMENIA—MINING ENGINEERING

Investigating stresses around chambers under Kafan mine conditions. G. Borisenko, V. Varderesian. Prom. Arm. 9 no. 3:60-62 Mr '66.

ARMENIA—MINING GEOLOGY—MODELS

Studying stresses in ore blocks and interchamber pillars in the Kafan deposits. S.G. Borisenko, G.V. Vardesian. Izv. vya. ucheb. zav. i gor. zhur. 9 no. 4:22-24 '66.

ARMENIA—OSTRACODA, FOSSIL

Pliocene Ostracoda in the Armenian S.S.R. S.A. Babikian. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:10-20 '66.

ARMENIA—PALEOGEOGRAPHY

Facies and paleogeography of the Erevan-Vedi depression in the Dandian and Paleocene. M.A. Satian, Zh. O. Stepanian. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:34-42 '66.

ARMENIA—PETROLOGY

Akademii nauk Armianskoi SSR, Erevan. Institut geologicheskikh nauk. [Geology of the Armenian S.S.R.] Geologiya Armianskoi SSR. Glav. red. S.S. Mkrtchian i dr. Erevan, Vol. 3. [Petrography, intrusive rocks] Petrografiya, intruzivnye porody. 1966. 497 p., maps.

ARMENIA—PIPE, ASBESTOS-CEMENT

The VT-9 high-pressure asbestos-cement water pipes. K. Sharov, L. Petrosian. Prom. Arm. 9 no. 3:42 Mr '66.

ARMENIA—POLITICS AND GOVERNMENT

Armenian S.S.R. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Armenian S.S.R., third session, June 3-4, 1964. Verbatim report] Zasedaniya Verkhovnogo Soveta Armianskoi SSR shestogo sozyva, tret'ia sessiya (3-4 iyunia 1964 g.) Stenograficheskii otchet. Erevan, Izd. Verkhovnogo Soveta Armianskoi SSR, 1964. 198 p.

ARMENIA—POWDER METAL PROCESSES

Complete reprocessing of copper-molybdenum ores. A. Grigorian. Prom. Arm. 9 no. 2:3-4 F '66.

ARMENIA—ROCKS, IGNEOUS

Akademii nauk Armianskoi SSR, Erevan. Institut geologicheskikh nauk. [Geology of the Armenian S.S.R.] Geologiya Armianskoi SSR. Glav. red. S.S. Mkrtchian i dr. Erevan, Vol. 3. [Petrography, intrusive rocks] Petrografiya, intruzivnye porody. 1966. 497 p., maps.

Relationship between effusive and intrusive igneous activity. R.L. Melkolan. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:90-101 '66.

ARMENIA—ROCKS, IGNEOUS—ANALYSIS

Some data on the petrochemical characteristics of ultrabasic rocks in the Armenian S.S.R. S.A. Palandzhian. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:79-89 '66.

ARMENIA—SEDIMENTATION AND DEPOSITION

Structural-genetic types of limestones and some characteristics of sedimentation in the Upper Jurassic (Oxford-Kimmeridge) volcanic-carbonate series in the north-eastern part of the Armenian S.S.R. R.A. Mandalian. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:166-168 '66.

ARMENIA—SERVOMECHANISMS

Multiturn electric servomechanisms. K. Ambartsunian. Prom. Arm. 9 no. 3:39-40 Mr '66.

ARMENIA—SHERIFF

Characteristics of Armenian strains of alcohol-resistant sherry yeast. E. Unanian. Prom. Arm. 9 no. 2:50-52 F '66.

ARMENIA—SHOE INDUSTRY

Toward new boundaries. A. Armagonian. Prom. Arm. 9 no. 3:7-8 Mr '66.

ARMENIA—STANDARDIZATION

Conditions of the quality. E. Agamdzhanian. NTO 8 no. 5:38-39 My '66.

ARMENIA—TECHNICAL SOCIETIES

New stage for the work of creative technical associations. D. Sobol'. Prom. Arm. 9 no. 3:72-73 Mr '66.

ARMENIA—TECHNOLOGICAL INNOVATIONS

Brief news. Prom. Arm. 9 no. 2:70 F '66.

On the road of technical progress. Z. Papian. Prom. Arm. 9 no. 3:3-6 Mr '66.

ARMENIA—TECHNOLOGY—INFORMATION SERVICES

In the House of Technology of Armenia. Prom. Arm. 9 no. 2:69 F '66.

In the House of Technology of Armenia. Prom. Arm. 9 no. 3:70 Mr '66.

ARMENIA—VITAMIN THERAPY

Outlook for the use of vitamins. A. Arutunov. Prom. Arm. 9 no. 3:19-22 Mr '66.

ARMENIA—VOLCANIC ASH, TUFF, ETC.

Characteristics of the textures of scoriae. A. T. Mikaelian. Izv. AN Arm. SSR. Nauki o zem. 18 no. 1/2:102-111 '65.

ARMENIA—WATER—PURIFICATION

Sanitary protection of surface and underground waters in the Armenian S.S.R. L. A. Arutunian. Zhur. eksp. i klin. med. 8 no. 1:12-17 '65.

ARMENIA—WINE AND WINE MAKING

Technological system for continuous cooking of Cahors wine. N. Kazumov, S. Shakhizad, P. Mirzalian. Prom. Arm. 9 no. 3:30-31 Mr '66.

Technology of making low-acid white table wine from "Makhali" grapes. Kh. Gevorgian, R. Manukian. Prom. Arm. 9 no. 2:23-30 F '66.

ARMENIAN LANGUAGE—GRAMMAR

Garibian, A. S., and D. A. Garibian. [Concise course in Armenian; a textbook for independent study] Kratkii kurs armianskogo iazyka; posobie dlia samostoiatel'nogo izucheniia. 3. izd. Erevan, Luis, 1965. 523 p.

ARMIES see subdivision 'Army' under Germany, West

ARMIES—EQUIPMENT

Equipment, weapons. Tekh. i vooruzh. 24 no. 1:96-99 Ja '66.

ARMIES—EQUIPMENT—BIBLIOGRAPHY see Bibliography—Armies—Equipment

ARMORED VEHICLES, MILITARY—MAINTENANCE AND REPAIR see subdivision under Czechoslovakia

ARMS AND ARMOR—BIBLIOGRAPHY see Bibliography—Arms and armor

AROMATIC COMPOUNDS

Addition of sulfurous acid salts to vulcanes and aromatic hydroxy compounds. Z. V. Todres-Selektor. Org. polupred. i kras. no. 3:52-59 '65.

Effect of aromatic group positions on the characteristics of liquid polyorganosiloxanes. T. I. Ponomareva, T. A. Krasovskina, M. V. Sobolevskii. Plast. massy no. 5:16-20 '65.

AROMATIC PLANTS—DISEASES AND PESTS

Chemicals for the protection of aromatic plants against injurious insects. M. V. Sharonova. Masl. i zhir. prom. 32 no. 4:25-26 Ap '66.

AROMATIZATION

Formation of the aromatic structure of peat coke. V. E. Rakovskii, N. D. Drozhzhina. Dokl. AN BSSR 10 no. 5: 315-318 My '66.

ARRHYTHMIA

Antiarhythmic action of the magnesium disodium salt of EDTA. E. I. Gendenshtein, L. A. Karskaia. Kardiol. 1964 no. 5:87-90 '64.

Coupling an attack of auricular flutter by a single electric impulse. A. L. Syrtin, I. V. Maevskii. Sov. med. 28 no. 9:100-103 S '64.

Data on the mechanism of the development of vagal tonus during ontogenesis. V. D. Rozanova. Fiziol. zhur. 50 no. 9:1096-1103 S '64.

Effect of the carboxylase coenzyme on cardiac arrhythmia. M. S. Bakumenko. Kardiol. 1964 no. 5:49-53 '64.

Experimental data of electrophysiological, biochemical, and morphological examination of fibrillation of the cardiac ventricles. V. A. Prolov and others. Arkh. pat. 28 no. 3:51-56 '65.

Mechanism of the antiarrhythmic action of pharmacological substances. Z. P. Senova. Farm. i toks. 20 no. 2:177-180 Mr-Apr '66.

Nodal rhythm in thyrotoxicosis. M. V. Spiridonova. Kardiol. 1964 no. 5:81 '64.

Post-tachycardia syndrome. M. V. Lashchevker. Kardiol. 1964 no. 2:74-75 Mr-Apr '64.

Seismocardiography. R. M. Basvskii, A. D. Egorov, L. A. Kazaryan. Kardiol. 1964 no. 2:87-89 Mr-Apr '64.

Treatment of arrhythmias. I. A. Chernogorov. Kardiol. 1964 no. 2:3-8 Mr-Apr '64.

ARRHYTHMIA—CONGRESSES

Moscow. Pervyi meditsinskii institut. [Cardiac fibrillation and defibrillation; materials of the symposium, June 21-22, 1966] Fibrillatsiia i defibrillatsiia serdtsa; materialy simpoziuma. 21-22 iunia 1966 goda. Otv. red. S. M. Pavlenko. Moskva, 1966. 125 p. (DNLM)

ARSENIC ORGANIC COMPOUNDS see Organarsenic compounds

ART

(see also subdivision under Moscow; Orenburg Province; Tatar A. S. S. R.)

Leningrad. Ermitazh. Ermitazh. The Hermitage Museum. Sost. I. U. Kuznetsov, N. Nikulin i I. U. Rusakov. Leningrad, Sovetskii khudozhnik [1965] 33 p. (chiefly illus.) [Parallel texts in Russian and English]

ART—BIBLIOGRAPHY see Bibliography—Art

ART—CATALOGS

[Chronicle of fine arts] Let. izobr. isk. no. 1 '66.

ART—EXHIBITIONS

Moscow. Vsesoluznaya vystavka proizvedenii molodykh khudozhnikov. 1962. [Catalog of the All-Union Exhibition of Works of Young Artists] Katalog [Moskva, Sovetskii khudozhnik, 1962] 73 p. ports., plates. (MH)

ART—PHILOSOPHY

Penkin, M. S. [Where do the decadents lead? Kuda vedut dekadenty. Moskva, Sovetskaya Rossiia, 1963. 132 p. (Biblioteka molodogo literatora)] [MICROFILM]

ART, DECORATIVE—EXHIBITIONS

Soiuz khudozhnikov RSFSR, Moskovskoe otdelenie. [Decorative art] Dekorativnoe iskusstvo. Moskva, Sovetskii khudozhnik, 1965 1 v. illus. (Vystavka "Moskva—stolitsa nashei Rodiny")

ART, KAZAKH—EXHIBITIONS

Poredizhnaia vystavka proizvedenii khudozhnikov Kazakhstana. Chimgon, Lenger, Ural'sk, Gur'ev, 1960. [Catalog: Paintings, graphic art] Katalog: Zhivopis', grafika. Alma-Ata, Kazgostizdat, 1961. 15 p. 10 plates. (MH)

ART, LITHUANIAN

[Yearbook of literature and art for 1965] Literaturos ir meno metraštis 1965. Vilnius, Vaga, 1965. 353 p. [In Lithuanian]

[Yearbook of literature and art for 1966] Literaturos ir meno metraštis 1966. Vilnius, Vaga, 1966. 255 p. [In Lithuanian]

ART, UZBEK

Pugachenkova, G. A., and L. I. Rempel'. [History of the arts of Uzbekistan from ancient times to the middle of the nineteenth century] Istoriia iskusstv Uzbekistana, s drevneishikh vremen do serediny deviatnadsatogo veka. [Moskva, Iskusstvo, 1965] 417 p. (CU)

ART, YUGOSLAV

Ateshina, L. S., and N. V. Ivorskina. [The art of Yugoslavia; studies] Iskusstvo (Ugostavii); ocherki. Moskva, Iskusstvo, 1966. 325 p. illus.

ART AND COMMUNISM see Communism and art

ART AND INDUSTRY

Vaks, I. A. [The artist in industry] Khudozhnik v promyshlennosti. Leningrad, Iskusstvo, 1965. 62 p., 65 plates. (NIC)

ART AND LITERATURE

Al'fonsov, V. N. [Words and colors; essays on the history of the creative ties between poets and artists] Slova i kraski; ocherki iz istorii tvorcheskikh svyazei poeto i khudozhnikov. Moskva, Sovetskii pisatel', 1966. 240 p.

Petrov, S. G. [Truth of life and truth of art] Pravda zhizni i pravda iskusstva. Moskva, Sovetskii pisatel', 1965. 119 p. (NIP)

ART AND MYTHOLOGY

Myths and their relation to cognition, religion, and artistic and literary work. F. Kh. Kessidi. Vop. filol. 20 no. 5:96-106 '66.

ART AND RELIGION

Yarshavskii, A. S. [Antireligious paintings by Russian and Soviet artists; album for an exhibition] Antireligioznye kartiny russkikh i sovetskikh khudozhnikov; album-vystavka. Moskva, Politizdat, 1964. 22 plates (in portfolio) (NHD)

ART GALLERIES AND MUSEUMS see subdivision under Kharkov; Leningrad; Moscow; Saratov; Sumy

ART INDUSTRIES, SLAVIC—TERMINOLOGY

Trubachev, O. N. [Terminology of the art industries in the Slavic languages; etymology and experience in group reconstruction] Remeslennaya terminologiya v slavianskikh iazykakh; etimologiya i opyt gruppovoi rekonstruktsii. Moskva, Nauka, 1966. 414 p.

ART SCHOOLS see subdivision under Lithuania

ARTERENOL see Noradrenalin

ARTERIES—ABNORMALITIES AND DEFORMITIES

Rare form of a common true arterial trunk with pulmonary hypertension. V. S. Sergiyevskii, M. N. Kirichenko. Grud. khir. 8 no. 2:116-117 Mr-Apr '66.

ARTERIES—DISEASES

Intraaural hemorrhages in the arterial system. L. A. Gullian, I. V. Davydovskii, A. I. Ozurni. Arkh. pat. 28 no. 3:12-20 '66.

Method for single-stage aortic and arteriography. V. M. Balabanov, I. I. Zatevskii. Vest. med. i nat. no. 2:23-26 '64.

Obliterating diseases of the arteries of the lower extremities. I. Kh. Geborkian. Zhur. eksp. i klin. med. 6 no. 1:5-11 '66.

ARTERIES—SURGERY

Changes in the bioelectric activity of the brain following surgery on its arteries. S. I. Ginzburg, E. I. Zlotnik. Vop. neirokhir. 30 no. 2:10-17 Mr-Apr '66.

ARTERIOSCLEROSIS

Biochemical foundations of the pathogenesis of atherosclerosis. A. N. Klimov, T. N. Lovkagina. Pat. fiziol. i eksp. terap. 10 no. 2:3-9 Mr-Apr '66.

Biological stimulation of the organism in elderly persons with manifestations of atherosclerosis. N. A. Kaplen, E. T. Komarova, N. V. Puchkov. Trudy MOIP, Od. biol. 17:195-201 '66.

Histochemical characteristics of lysosine in arteries of the elastic and muscular type under normal conditions and in atherosclerosis. M. M. Bagomedov. Arkh. pat. 28 no. 3:26-30 '66.

Picture of the blood and bone marrow in experimental hypercholesterolemia and atherosclerosis. O. E. Tsukershteyn. Pat. fiziol. i eksp. terap. 10 no. 2:39-44 Mr-Apr '66.

Studies of vascular and tissue permeability and H31 metabolism in vitamin therapy of elderly and senile persons with atherosclerosis of various vascular regions. A. A. Malenkov. Trudy MOIP, Od. biol. 17:189-194 '66.

Use of various baths in the treatment atherosclerosis of the coronary vessels. L. A. Terent'eva and others. Vop. kur., fizioter., i lech. fiz. kul't. 20 no. 5:464-465 S-O '64.

X-ray examination as one of the methods of studying atherosclerosis. N. M. Kutateladze. Arkh. pat. 28 no. 3:30-33 '66.

ARTESIAN WELLS

Work regime of a group of artesian wells and sinking pumps feeding a general reservoir. V. V. Vidyuketa. Trudy Khim. politekh. inst. no. 2:136-143 '64.

ARTHRITIS

Some indices of nonspecific immunity in patients with infectious nonspecific polyarthritis following their treatment at the Sochi-Matsenta Health Resort. M. G. Kuramshina, V. P. Lysov, I. E. Khishchenko. Vop. kur., fizioter., i lech. fiz. kul't. 20 no. 5:410-413 S-O '64.

Treatment of dystrophic polyarthritis with Matsenta baths with various hydrogen sulfide concentrations. I. T. Karasov, V. P. Lysov, L. A. Petina. Vop. kur., fizioter., i lech. fiz. kul't. 20 no. 5:410-411 S-O '64.

ARTIFICIAL FUR

Chamber disinfection of synthetic fur articles. A. A. Subbotina, A. G. Prishchep, N. V. Kareev. Zhur. mikrobiol., eplid. i immun. 41 no. 8:18-22 Ag '64.

ARTIFICIAL FUR—TESTING

Determining the crease resistance of artificial fur pile. A. I. Kobliakov, G. S. Subbotina. Tekst. prom. 26 no. 5:62-67 My '66.

ARTIFICIAL INSEMINATION

Use of a measurer of the electric resistance of the vaginal mucosa in determining the optimal time for the insemination of cows. L. Aizimulas, K. Norvaldas, A. Lasas. Veterinarin 42 no. 4:83-86 Ap '66.

ARTIFICIAL ISLANDS—DESIGN AND CONSTRUCTION

Determining the dynamic coefficient for calculating oil field hydraulic structures for wave load. I. O. A. Aguseinov, V. G. Sarkisov. Azerb. neft. khim. 35 no. 4:37-39 Ap '66.

ARTIFICIAL KIDNEYS

Indications and contraindications for hemodialysis. I. N. Kuchinskii. Urol. i nefr. no. 3:60-68 '65.

ARTIFICIAL PNEUMOPERITONEUM see Pneumo-peritoneum, Artificial

ARTIFICIAL SATELLITES

Optimum use of satellites for geodesy. H. Weiss. *Geod. i kart.* no. 3:7-9 Mr '66.

ARTIFICIAL SATELLITES—CATALOGS

[Catalog of data on rockets and satellites of the World Data Center D1] Kat. dan. po rak. i sput. Ja-Je '64, publ. Ji '64; Ji-D '64, publ. Mr '65.

ARTIFICIAL SATELLITES IN TELECOMMUNICATION

Akademiia nauk SSSR. Institut gosudarstva i prava. [Space and the problem of general peace] Kosmos i problema vscobshchego mira. Moskva, Nauka, 1966, 193 p.

Earth-satellite-earth. V. Khmel'uk, A. Reznikov, G. Mikhnevich. *Tekhn. i vooruzh.* no. 7:16-23 Ji '65.

ARTISTIC ANATOMY

 see Anatomy, Artistic

ARTISTS

(see also subdivision under: Ural Mountain region) Belashov, A. M., and others. [A. Belashov, A. Kazachok, I. Ushkov and V. Shelov; a catalog (sculpture, painting, graphic arts)] A. Belashov, A. Kazachok, I. Ushkov, V. Shelov; katalog (skulptura, zhivopis', grafika). [Moskva] Mosk. otd-nie Soluza khudozhnikov RSFSR [1965] 1 v. (chiefly illus.)

ARTSUNI, ANDREI EREMEEVICH, 1847-1966

The eminent geochemist A. F. Artsun; 120th anniversary of his birth. R. G. Gevorgian, S. T. Tigranian. *Izv. AN Arm. SSR. Nauki o zem.* 19 no. 1:2:177-181 '66.

ARYAN LANGUAGES

Akademiia nauk SSSR. Institut yazykoznanija. [Languages of the peoples of the U.S.S.R. in five volumes] Yazyki narodov SSSR v piati tomakh. Glav. red. V. V. Vinogradov i dr. Moskva, Nauka, Vol. 1. Vinogradov, V. V., and others, eds. [Indo-European languages] Indoevropelskie yazyki. 1966, 857 p.

Gernung, B. V. [Formation of the Indo-European linguistic community; Proto-Indo-European components or substrata of other language families. Expanded edition of a report presented at the 7th International Congress of Anthropological and Ethnological Sciences] K voprosu ob obrazovanii indoevropelskoi yazykovoi obshchnosti; protoindoevropelskie komponenty doklada na VII Mezhduнародnom kongresse antropologicheskikh i etnograficheskikh nauk. Moskva, 1964, 45 p. (MI)

ASBESTOS—CRUSHING AND GRINDING

Number of stages of fine crushing and the efficient degree of comminution in the dressing of asbestos ores. A. P. Diodorov, N. F. Merinov, P. A. Iarutin. *Izv. vyz. ucheb. zav. i gor. zhur.* 9 no. 4:135-137 '64.

ASBESTOS CEMENT

Kraschennikov, M. N., and others. [Design of cement and asbestos cement plants] Proektirovanie tsementnykh i asbestotsementnykh zavodov. Pod red. A. F. Semendiaeva. Leningrad, Stroiizdat, 1965. 348 p. fold. diagr. (insert)

Standard accounting in the production of asbestos cement articles. A. Zudin. *Bukh. uch.* 21 no. 12:26-28 D '64.

Use of cements with carbonate microfillers in the production of asbestos cement materials. A. S. Pantelev, V. M. Kolbasov. *Trudy MKITP* no. 45:9-18 '64.

ASCARIDS AND ASCARIASIS

Iodine monochloride as a disinfectant. V. D. Balanov. *Trudy VNIIS* 16:164-169 '63.

Relation of the development of ascarids to the breed and age of hens. P. T. Tverdokhlebov. *Veterinariia* 43 no. 5:48-49 My '66.

ASCOCHYTA

(see also subdivision under: Leningrad Province)

Ascochyta blight of cucumbers in greenhouses. L. I. Demidova. *Zap. LSKH* 95:191-196 '65.

ASCORBIC ACID

Excretion of vitamin C and H₂ in the urine of patients with tuberculous meningitis. A. A. Novakovskaya and others. *Sov. med.* 28 no. 9:125-127 S '64.

Functional state of the adrenal cortex in monkeys in vitamin C deficiency. N. P. Goncharov, G. A. Solov'eva, A. V. Trufanov. *Probl. endok. i gorm.* 12 no. 3:74-78 My-Je '66.

Use of ascorbic acid in analysis; a survey. A. T. Pilipenko, M. B. Kladnitskaya. *Zav. lab.* 32 no. 1:3-10 '66.

Using the iodometric method in determining the ascorbic acid content of colored vegetable extracts. E. V. Sapozhnikova, S. L. Dorofeeva. *Kons. i ov. prom.* 21 no. 5:29-31 My '66.

Vitamin C and wilt resistance of plants. V. S. Ponomareva. *Biul. Glav. bot. sada* no. 59:48-53 '65.

ASH (TECHNOLOGY)

(see also subdivision under: Kuybyshev)

Effectiveness of the comprehensive use in construction of shale ash of heat and electric power plants. A. M. Sergeev. *Sbor. trud. VNISTROM* no. 4:99-108 '65.

ASH (TECHNOLOGY)—ANALYSIS

X-ray examination of the ash from certain oxidized Kuznetsk Basin coals. A. G. Merkulov, N. A. Sinatskii, M. S. Sharlovskaya. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:78-87 '65.

ASH (TECHNOLOGY), EFFECT OF TEMPERATURE ON

Change in the composition of ash from certain Kuznetsk Basin coals depending on the temperature. N. A. Sinatskii, A. G. Merkulov, M. S. Sharlovskaya. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:88-95 '65.

ASH (TREE)

Development of the female gametophyte, the seed and fruit of ash (*Fraxinus*). Z. V. Nikolaeva. *Bot. zhur.* 51 no. 2: 283-291 F '66.

ASH DISPOSAL

 see subdivision under: Ural Mountains

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i Afr. no. 4 '66.

ASIA—GEOGRAPHY

Publishing activity of the Oriental Commission of the Geographical Society of the Soviet Union. I. V. Sakharov. *Strany i nar. Vost.* no. 4:242-251 '65.

ASIA, CENTRAL—SCORPIONS

Experimental evaluation of combined adreno- and M-cholinolytic therapy in poisonings with venoms of Central Asian scorpions. Z. S. Barkagan, Pat. iziol. i eksp. terap. 10 no. 2:65-68 Mr-Apr '65.

ASIA, CENTRAL—SNAKES

Effect of the venom of Central Asia snakes on the blood coagulation system. Z. S. Barkagan, L. Sh. Iltel'man. *Probl. gemat. i perel. krovi* 11 no. 4:49-53 Ap '66.

ASIA, CENTRAL—THALASSEMIA

Thalassemia in Central Asia. M. D. Brilliant and others. *Probl. gemat. i perel. krovi* 11 no. 1:42-44 Ja '66.

ASIA, SOUTHEASTERN—DESCRIPTION AND TRAVEL

In foreign countries. L. Pozhivalov. *Agitator* 34 no. 10: 57-59 My '66.

ASIA, SOUTHEASTERN—POLITICS

The agreement in Seoul. D. Dal'nov. *Nov. vrem.* 23 no. 24:6-17 Je '66.

ASIA, SOVIET CENTRAL

 see Soviet Central Asia

ASIA MINOR—GEOLOGY, STRUCTURAL—CONGRESSES

International colloquium on the tectonics of the Alpine fold area of Europe and Asia Minor. A. A. Gabrieliin. *Izv. AN Arm. SSR. Nauki o zem.* 19 no. 1:2:172-176 '66.

ASKINAZI, DAVID L'VOVICH, 1894-

D. L. Askinazi is 70 years old. *Agrokhim. no. 5:154* My '66.

ASPARTIC TRANSAMINASE

Quaternary structure and catalytic activity of aspartic transaminase. O. L. Polinnovskii, L. S. Makarova. *Biokhimiia* 31 no. 2:372-379 Mr-Apr '66.

ASPEN

 see subdivision under: Alma-Ata Province

ASPERGILLUS—TOXICOLOGY

Effect of the toxic substances of fungi of the genus *Aspergillus* on the organism of young pigs. M. A. Antukov. *Veterinariia* 42 no. 4:33-36 Ap '66.

ASSASSINATION

 see subdivision under: Marseilles

ASSEMBLY—LINE METHODS

Continuous and rapid construction of industrial buildings. G. Sveshnikov. *Prom. stroit. i inzh. soor.* 6 no. 4:1-3 Ji-Ag '64.

Elements of the calculation of optimal planning for workers' stations in the assembly line. A. I. Neimark, V. G. Golova. *Trudy LIEI* no. 58:166-176 '66.

Engineering efficiency of the structure of the object of automatic assembly. V. I. Smilianskii. *Avtomatiz. proizv. prots. v mashinostri.* 1 prib. no. 2:95-101 '65.

Mathematical programming in formulating and solving assembly-line reliability problems. A. I. Neimark, L. P. Frankin. *Trudy LIEI* no. 58:80-100 '66.

Mechanized continuous line for the production of span girders for bridge cranes. V. S. Merkulov, A. D. Gitlevich. *Avtom. svar.* 19 no. 4:57-60 Ap '66.

Semiautomatic line for continuous veneering of panel parts. A. I. Mazurechik, Lis., pap. i der. prom. no. 2:9-10 Mr-Apr '66.

Some structural characteristics of the object of automatic assembly determining its engineering efficiency. V. I. Smilianskii. *Avtomatiz. proizv. prots. v mashinostri.* 1 prib. no. 2:102-109 '65.

Successes in assembly-line methods of construction. V. Ivanov, N. Chabanov, B. Shvets. *Stroi. i arkh.* 14 no. 4:4-8 Ap '66.

ASSUAN DAM

 see Aswan Dam

ASTHMA

Glenectomy and implantation of adrenal glands in the treatment of bronchial asthma. E. S. Karashorov. *Vest. khir.* 96 no. 4:30-42 Ap '66.

ASTRAGALUS

 see Milk vetch

ASTRAKHAN—THEATER

Evenings in Astrakhan. M. Zlobina. *Tentr* 25 no. 9: 44-51 S '64.

ASTRONAUTICS

Kondrat'ev, N. I. A., and V. A. Olinnikov, eds. [Handbook on astronautics] Spravochnik po kosmonavtike. Moskva, Voenizdat, 1966. 325 p.

Resources of the universe. B. I. Lapunov. *Kryl. rod.* 16 no. 4:13-14 Ap '65.

The space assault continues. N. Kamnin. *Kryl. rod.* 16 no. 4:10-12 Ap '65.

Stages of the great path. V. Samarin. *Tekhn. i vooruzh.* 24 no. 4:30-36 Ap '66.

ASTRONAUTICS—STUDY AND TEACHING

Interpretation of certain questions of astronautics in a school course in physics. N. M. Berger. *Izv. APN* no. 141:120-127 '65.

ASTRONOMICAL MODELS

Gravitational instability of anisotropic homogeneous solutions. A. G. Doroshkevich. *Astrofizika* 2 no. 1: 37-44 Mr '66.

Model of an expanding overdense celestial body. I. U. I. Vartanian. *Astrofizika* 2 no. 1:45-52 Mr '66.

ASTRONOMICAL PHOTOGRAPHY

Experience gained in taking solar photographs at the People's Astronomical Observatory at Bucharest. Matei Alexescu. *Biul. VAGO* no. 37:9-16 '65.

ASTRONOMY—ABSTRACTS

[Astronomy] Ref. zhur.: Astron. no. 5 My '66.

ASTRONOMY—CONGRESSES

Eighteenth Astronomical Olympiad at Moscow. K. A. Portsevskii. *Biul. VAGO* no. 37:61-64 '65.

ASTROPHYSICS

Akademiia nauk URSS. Kiev. [Physics of stars and the interstellar medium] Fizika zvezd i mezvvezdnoi sredy. Kiev, Naukova dumka, 1966. 194 p. (Respublikanskii mezvvedomstvennyi sbornik. Seriya: "Astronomiia i astrofizika")

ASWAN DAM

Construction of the High Aswan Dam. K. Filonenko. *Prom. stroit. i inzh. soor.* 6 no. 3:53-58 My-Je '64.

ATASUKIY (KAZAKHSTAN)—IRON MINES AND MINING—EQUIPMENT AND SUPPLIES

Capital yield and material incentives. A. Pasachnik, N. Gabelko. *Nar. khoz. Kazakh.* 21 no. 4:32-36 Ap '66.

ATHAMANTIN

Isolation and quantitative determination of athamantin. O. P. Prokopenko. *Formatsev. zhur.* 20 no. 3:47-50 '65.

ATHEISM

(see also subdivision under: Europe, Lithuania) Atheists and religious people; letters to the editor. *Part. zhizn'* no. 11:57-60 Je '66.

Gusachenko, L. A. [The purport of life] O smysle zhizni. Minsk, Belarus', 1965. 33 p. (Besedy s veruiushchimi)

Matsina, D. M. [A Biblical Commandment; talks with religious people] Ab adnoi bibliskai zapovedi; hutarki z veruiushchimi. Minsk, Belarus', 1966. 42 p.

Peclura, Petras. [A word to the believer] Zodis tikinciajam. Vilnius, Mintis, 1966. 54 p. [In Lithuanian]

Smukus, Sigismundas-Jozas. [Did you think about it?] Ar pagalvojai? Vilnius, Mintis, 1965. 44 p. [In Lithuanian]

The struggle for man. N. Shallov. *Part. zhizn'* no. 12: 62-67 Je '66.

ATHEISM—BIBLIOGRAPHY

 see Bibliography—Atheism

ATLANTIC OCEAN—FISHERIES

Urov, V. G. [Fisheries off the continental shelf of North America] Promysel ryby na shel'e Severnoi Ameriki. [Kalinograd], Atlantiro, 1964. 45 p.

ATLANTIC OCEAN—MARINE BIOLOGY

Biological and commercial productivity of the Atlantic Ocean and adjacent seas. IU, D. Marti, G. J. Martins. *Okeanologiya* 6 no.2:326-339 '66.
Meridional distribution of the biochemical consumption of oxygen in the waters of the northern part of the Atlantic Ocean. V. A. Bubnov. *Vest. Mosk. un. Ser. Geog.* 20 no.2:42-49 Mr-Apr '65.

ATLANTIC OCEAN—OCEAN CURRENTS

Deep current in the Atlantic. A. G. Kolesnikov, G. P. Ponomarenko, S. G. Bogoslavskii. *Okeanologiya* 6 no.2:234-239 '66.

ATLANTIC OCEAN—SEAWATER—COMPOSITION

Organic carbon in the waters of the near-equatorial and southern parts of the Atlantic Ocean and in the Mediterranean Sea. B. A. Skopintsev, S. N. Timofeeva, O. A. Vershinina. *Okeanologiya* 6 no.2:251-256 '66.

ATLANTIC OCEAN—SEAWATER—OXYGEN CONTENT

Regularities of the distribution of minimum oxygen concentrations in the Atlantic Ocean. V. A. Bubnov. *Okeanologiya* 6 no.2:240-250 '66.

ATLANTIC OCEAN—WATER—OXYGEN CONTENT

Meridional distribution of the biochemical consumption of oxygen in the waters of the northern part of the Atlantic Ocean. V. A. Bubnov. *Vest. Mosk. un. Ser. Geog.* 20 no.2:42-49 Mr-Apr '65.

ATLASES

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografi. [Small atlas of the world] *Malyy atlas mira.* Moskva, 1966. 159 p. 143 p.
Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografi. [World atlas] *Atlas mira.* Moskva, 1966. 64 p. of maps.

ATMOSPHERE

Specific gravity of spherical microparticles collected in the atmosphere. V. D. Vilenskii. *Geokhimiya* no.5: 586-593 My '66.

ATMOSPHERIC PRESSURE

String recorder of atmospheric pressure. A. M. Lozin-skaya, G. F. Leonova, N. T. Solntseva. *Geod. i kart.* no.3:24-32 Mr '66.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Analysis of the dynamics of nitrogen saturation in white mice under increased air pressure. V. A. Aver'yanov, G. M. Zarakovskii. *Pat. fiziol. i eksp. terap.* 10 no.2: 86-87 Mr-Apr '66.

ATMOSPHERIC TEMPERATURE see subdivision under Nakhichevan A. S. S. R.

ATMOSPHERIC TRANSPARENCY

Effect of the microstructure of water clouds and fogs on their spectral transparency in the wavelength range of 0.5 to 14 μ . V. E. Zuev, S. D. Tvorogov. *Izv. vys. ucheb. zav. i iz.* 9 no.2:143-165 '66.

ATMOSPHERIC TURBULENCE

Conditions of the lower layers of the air and wind erosion. K. S. Kal'yanov. *Vest. sel'khoz. nauki* 11 no.4:53-56 Ap '66.

ATOMIC BEAMS

Penetration of light atoms through films of heavy elements. L. D. Tsindin. *Fiz. tver. tela* 8 no.4:1202-1207 Ap '66.

ATOMIC BOMB SHELTERS see subdivision under United States

ATOMIC ENERGY see subdivision under Poland

ATOMIC ENERGY IN AGRICULTURE

Kuzin, A. M., and N. M. Berezina. [Atomic energy in agriculture] *Atomnaya energiya v sel'skom khoziaistve.* Izd. 2., perer. i dop. Moskva, Atomizdat, 1966. 89 p. (DNAL)

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER PLANTS see subdivision under Novovoronezhskiy Atomic Power Plant

ATOMIC SHIPS

Marlin, V. [The atom propels ships] *Atom dvizhet korabli.* Moskva, Atomizdat, 1966. 80 p. (Nauchno-popul'naya biblioteka Atomizdata)

ATOMIC SUBMARINES

Bon voyage! K. Evgen'ev. *Sov. pech.* no.5:44 My '66.

ATOMIC WARFARE

Moskalev, A. D. [The radiological situation and troop operations] *Radialionnaya obstanovka i deystviya voisk.* Moskva, Voenizdat, 1966. 103 p.

Taking into account the requirements of present-day battles. V. Kolychev. *Kosm. Vooruzh. Sil* 47 no.11: 22-26 Je '66.

Weapons of mass destruction. F. Petrov. *Tekh. i vooruzh.* 24 no.1:8-16 Ja '66.

ATOMIC WEAPONS—INTERNATIONAL CONTROL

Sherchenko, A. N. [The disarmament problem at the present-day stage] *Problema razoruzheniya na sovremennom etape.* Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya: Mezhdunarodnaya, no.9)

ATOMS

Calculating a disordered chain by the method of linear combination of atomic orbitals (LCAO). A. I. Gubanov, N. A. Gushchina. *Fiz. tver. tela* 8 no.5:1569-1573 My '66.

ATRAZINE

Hygienic characteristics of corn and of certain other agricultural crops treated with the herbicide atrazine. G. P. Vavilina. *Vop. pit.* 23 no.4:3-7 Ji-Ag '64.

ATROPHIC RHINITIS OF SWINE see Rhinitis in swine

ATROPINE—PHYSIOLOGICAL EFFECT

Correlation between the duration of contraction and relaxation of smooth muscle in the small intestine. A. A. Genkin, T. D. Dzidzigi, *Fiziol. zhur.* 50 no.11:1377-1384 N '64.

AUDIOMETRY

Selection of words in the Azerbaijani language in oral and instrumental audiometry. A. O. Shikhinskiy, I. A. Kasimov. *Azerb. med. zhur.* 41 no.6:43-49 Je '64.

AUDITING AND INSPECTION

(See also subdivision under Donets Basin; White Russia)

[Control in the Leninist way] *Kontrol' po-leninski.* Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 118 p.

(CST-II)

Improve the control in enterprises. V. Mitrofanov. *Bukh. uchët* 21 no.12:32-34 D '64.

Morozov, N. V. [With a sharp eye] *Zorkim glazom.* Syktyl'kar, Komi knizhnoe izd-vo, 1965. 20 p. (CST-I)

AUDITORIUMS

Type 2KZ-1 and 2KZ-2 loudspeaker devices in sound amplification systems. G. A. Popova. *Tekh. kino i telev.* no.5:30-32 My '66.

AURANTIN

Effect of aurantin on the synthesis of nucleic acids of cerebral tumors in mice. M. Sh. Pronylov, L. I. Levchenko, N. G. Lazareva. *Vop. neirokhir.* 30 no.2: 53-56 Mr-Apr '66.

AUREOMYCIN

Effect of blomycin on the reproduction of *Candida albicans*. P. I. Pochynok. *Mikrobiol. zhur.* 25 no.3: 63-67 '66.

AUREOMYCIN AS FEED

Effect of feed blomycin on the change in the weight of rabbits and the content of copper in their tissues. A. V. Kornel'ko. *Uch. zap. Viteb. vet. inst.* 18:253-259 '64.

AURGAZA VALLEY—GYPSUM

Landform characteristics of the gypsum karst region of the Aurgaza River basin. L. U. Sagitova. *Vest. Mosk. un. Ser. Geog.* 20 no.2:75-77 Mr-Apr '65.

AURGAZA VALLEY—KARST

Landform characteristics of the gypsum karst region of the Aurgaza River basin. L. U. Sagitova. *Vest. Mosk. un. Ser. Geog.* 20 no.2:75-77 Mr-Apr '65.

AURORAS

Solar wind and auroras. V. I. Krasovskii. *Priroda* 55 no.5:14-20 My '66.

AUSTRIA—PATENT LAWS AND LEGISLATION

Austrian patent system. N. K. Flinkel'. *Vop. izobr.* no.4: 26-28 Ap '66.

AUSTRIA—PATENTS—INFORMATION SERVICES

Patent literature in Austria and methods of its searching. L. S. Martynova. *Vop. izobr.* no.4:29-32 Ap '66.

AUSTRO-PRUSSIAN WAR, 1866

The Austro-Prussian War of 1866. I. Rostunov. *Voen. i ist. zhur.* 8 no.6:125-128 Je '66.

AUTHORS see subdivision under Ural Mountain region

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC.

Gladkov, F. V. [Reminiscences of contemporaries; a collection] *Vospominaniya sovremennikov; sbornik.* Moskva, Sovetskii pisatel', 1965. 270 p. (NLU)

AUTOC LAVES—SAFETY APPLIANCES

Safety blocking device for digesters. Sh. P. Meskhia. *Bum. prom.* no.5:18 My '66.

AUTOIMMUNE DISEASES

Case of symmetrical gangrene of fingers and toes in autoimmune chronic hemolytic anemia. T. Vasilev, V. Ilieva, N. Prodanov. *Probl. gemat. i perel. krvi* 11 no.1:50-51 Ja '66.

Comparative evaluation of methods for complement fixation in the cold, double diffusion in agar and passive hemagglutination of the detection of anticerebral antibodies in the serum of patients with neuropsychic diseases. N. I. Kuznetsova. *Biul. eksp. biol. i med.* 58 no.12:90-93 D '64.

AUTOLYSIS

Effect of various antiseptics and temperatures on the autolysis of yeasts. S. I. Chernykh. *Mikrobiol. zhur.* 28 no.2:25-29 '66.

Study of the autolysis process in *Chlorella*. S. I. Chernykh, M. I. A. Ratushna. *Mikrobiol. zhur.* 28 no.3: 54-58 '66.

AUTOMATA

Analysis of probability automata. M. K. Chirkov. *Vych. i shk. i vop. prog.* no.4:100-103 '65.

Analytic recording to graphs of finite automata. I. Salom. *Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk* 15 no.1:159-160 '66.

Automation of the synthesis of discrete automata based on an algorithmic logical language for representing algorithms of synthesis. A. D. Zakrevskii. *Vych. sist.* no.18:5-33 '65.

AUTOMATIC CONTROL

Adjustment and operation of the system for the regulation of paper stock concentration. I. A. Tikhonovskii. *Bum. prom.* no.5:8-10 My '66.

Andreev, N. I. [Correlational theory of statistically optimal systems] *Korrelatsionnaya teoriya statisticheski optimal'nykh sistem.* Moskva, Nauka, 1966. 454 p. (Teoreticheskie osnovy tekhnicheskoi kibernetiki)

Automated remote control systems for marine engines. G. M. Turmanov. *Inform. sbor. TSNIIMF* no.151. Tekh. ekpl. mor. flota no.4:71-88 '65.

Automated SHM-2 cutter-loader with the ReN-2 regulator of direction. L. A. Sholikh and others. *Ugol' i ker.* 10 no.5:32-33 My '66.

Automatic control of heat processes in the open-hearth furnaces of the Chelyabinsk Metallurgical Plant. *Stal'* 26 no.5:416-422 My '66.

Automatic control of the capacity of diesel-electric generators. I. S. Zorich, G. A. Meloshkin, P. V. Kuropatkin. *Trudy TSNIIMF* no.77:67-73 '65.

Automatic control of the separation of isoamylene-isoprene mixtures by the extractive distillation according to quality. A. A. Puchkov and others. *Rbln. prom.* 42 no.5:377-378 My '66.

Automatic correction of the readings of industrial analyzers. V. M. Kantere, M. A. Karyagov. *Automatika* no.1:56-61 '66.

Automatic photometric pulse analyzers of solutions. B. F. Rud'ko and others. *Khim. mashinost.* no.2:100-105 '65.

Automatic programmed control of temperature during the curing of reinforced concrete products. M. L. Aksekov, B. I. Kudria, K. N. Solov'ov. *Izv. vya. ucheb. zav. i shk. i vop. prog.* 9 no.3:60-62 '66.

Automatic proportioning of catalysts in the continuous production of phenol-formaldehyde resins. I. S. Valchek and others. *Plast. massy* no.5:25-27 '65.

Automatic thermoregulation of the diesel cooling system on hydrofoil boats. A. A. Zavit'atov. *Sudostroenie* 56 no.3:34-36 Mr '66.

Automation and control. A. Leon'ev and others. *Tekh. i vooruzh.* 24 no.4:30-43 Ap '66.

Automation of cargo handling operations on tankers. V. P. Petrov and others. *Inform. sbor. TSNIIMF* no.151. Tekh. ekpl. mor. flota no.4:100-105 '65.

Automation of diesel engines on merchant ships abroad. P. P. Fedorko. *Inform. sbor. TSNIIMF* no.151. Tekh. ekpl. mor. flota no.4:11-34 '65.

Automation of ethylene polymerization under low pressure. B. A. Verkhovtsov. *Plast. massy* no.5:27-29 '65.

Automation of marine gas turbines. L. G. Sobolev. *Inform. sbor. TSNIIMF* no.151. Tekh. ekpl. mor. flota no.4:35-56 '65.

Automation of the operation of sand mullers. A. M. Solov'ev. *Lit. proizv.* no.2:14-15 F '64.

Basic trends in the automation of power plants of the world transport fleet. S. A. Antonovich. *Inform. sbor. TSNIIMF* no.151. Tekh. ekpl. mor. flota no.4:13-20 '65.

Contribution to the general theory of the designing of automatic control elements with rectifiable characteristics of the controlling components. S. P. Koslov. *Trudy MIIT* no.211:5-10 '65.

AUTOMATIC CONTROL (Continued)

Control systems for geared turbines of seagoing vessels, S. B. Akseil'rod, L. I. Isakov, Inform. sbor. TSNIIMF no. 151, Tekh. ekspl. mor. flot. no. 4:89-99 '65.

Damping natural vibrations in a two-channel automatic control system, V. A. Iudin, Izv. vys. ucheb. zav.; mashinost., no. 3:149-155 '66.

Determining optimal repetition period of some closed pulse control system, B. B. Ben'iaminov, Za tekhn. prog. 6 no. 4:4-5 Ap '66.

Determining the criteria for the psychological task of the human operator of a crosscutting unit, A. A. Kudinov, Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:149-154 '66.

Determining the optimal law for changes of the control function, V. A. Svetitskii, Izv. vys. ucheb. zav.; mashinost., no. 3:135-138 '65.

Determining the probable parameters for designing centralized control systems of preliminary petroleum refining installations, V. M. Golitsyn, Mash. i nef. obor., no. 4:23-26 '66.

The discontinuity condition in an optimum control problem, Hoang Ku Tuong, Dif. urav. 2 no. 5:610-627 My '65.

Effect of backlash between a servomotor and a control element on the process of indirect control, L. G. Khaskel'berg, Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:389-398 '66.

Effectiveness of operational check systems, L. A. Korinevskii, Avtometriia no. 1:69-74 '65.

Effectiveness of the compensation of dynamic errors in automatic speed compensating systems, M. I. Fainberg, Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:437-442 '65.

Efficient method of operation guidance, V. Tripol'skii, Nar. khoz. Kazakh, 24 no. 4:50-53 Ap '66.

"Emphasis" type nonlinearity, A. V. Netushil, Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:372-379 '65.

Engineering method for calculating nonlinear automatic systems, V. I. Pechenenko, E. A. Maslenko, Avtomatiz. proizv. prots. v mashinost., i prib. no. 2:12-18 '65.

Engineering method for determining steady errors in statistical systems of automatic control, R. Akopian, Prom. Arm. 9 no. 3:55-56 Mr '66.

Experimental investigation of transmission functions of systems containing certain typical nonlinearities, A. V. Dabagian, V. P. Dudko, Izv. vys. ucheb. zav.; mashinost., no. 3:130-135 '65.

Experimental investigation of tubular heating furnaces as controlled members, F. I. Khasmamedov, Za tekhn. prog. 4 no. 3:1-5 Mr '64.

Follow-up problem in the case of bounded pulses of the controlling forces, N. N. Krasovskii, V. E. Tret'iakov, Dif. urav. 2 no. 5:587-599 My '66.

Gol'man, G. A., and E. A. Soskin, [Contactless components in automatic networks and systems control] Beskontaknye elementy v skhemakh i ustroystvakh avtomatiki. Moskva, Energiia, 1966. 87 p. (Biblioteka elektromekhaniki, no. 100)

Graphic analytical method of calculating the static characteristics of automatic control of the temperature of cooling water of marine internal combustion engine, S. A. Antonovich, A. V. Pefilov, Trudy TSNIIMF no. 77:18-21 '65.

Improved methods for calculating the traction characteristics of polarized mechanisms, S. P. Kolosov, V. I. Nefedova, Trudy MIT no. 21:64-70 '65.

Improving the automatic control on the ships of design 112, A. Rubtsov, Rech. transp. 25 no. 4:35 '66.

Increasing the dynamic rigidity of an elastic structure by means of automatic control, V. I. Merkulov, I. T. Selezov, Prikl. mekh. 2 no. 5:99-94 '66.

Investigating the quality of nonlinear automatic systems by the frequency method, G. D. Sobolevskii, Avtomatiz. proizv. prots. v mashinost., i prib. no. 2:5-11 '65.

Livshits, S. B. [Organization of the dispatching service in a branch industrial combine] Organizatsiia dispatsherskoi sluzhby otzraslevogo proizvodstvennogo ob'edineniia. Leningrad, 1965. 38 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Ekonomika, organizatsiia i planirovanie proizvodstva)

Machines for automatic control and registration of the operating conditions of marine power plants, E. V. Savin, Inform. sbor. TSNIIMF no. 151, Tekh. ekspl. mor. flot. no. 4:57-70 '65.

Mathematical description of reaction processes in styrene production considered as optimization objects, T. G. Rzaev, Za tekhn. prog. 4 no. 12:8-12 D '64.

Mathematical description of the process of operation of automatic control systems, V. S. Antonenko, R. A. Mal'skii, Trudy MIT no. 21:134-140 '65.

Measuring the boring speed of rotary drills with the aid of transmitting mag-slips, A. A. Zhukovskii, Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:121-125 '66.

Melkozerov, P. S. [Drives in automatic control systems; power calculations and selection of parameters] Privody v sistemakh avtomaticheskogo upravleniia; energeticheski raschet i vybor parametrov. Moskva, Energiia, 1966. 383 p.

Model studies of transient processes in the automatic control of the temperature of cooling water of the 8DRN43/61 engine, O. V. Ignat'eva, I. U. S. Karnaukhov, A. V. Pefilov, Trudy TSNIIMF no. 77:22-24 '65.

Mon'akov, N. V. [Reliability of automatic control devices considering their structure] O nadezhnosti ustroystv avtomatiki s uchedom ikh struktury. Leningrad, 1965. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Priklady i elementy avtomatiki)

Obukhov, V. I. [Bridge circuits in automatic control systems] Mostovye skhemy v sistemakh avtomatiki. Minsk, Nauka i tekhnika, 1966. 113 p.

Operation of DAU-18-DE, A. Korolev, Rech. transp. 25 no. 4:34 '66.

Optimal control of statistical members in machinery manufacture, L. A. Sorokolev, Mashinovedenie no. 3:16-23 '66.

Overall automation of the technical equipment of ships, M. Sh. Shifrin, Sudostroenie 56 no. 3:24-27 Mr '66.

Periodic motions of systems with shock interaction, V. A. Gorokhov, Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:376-387 '66.

Petrov, I. P. [Optimal regulation of marine engines; theoretical principles] Optimal'nye regulirovannye sudovyykh silovyykh ustanovok; teoreticheskie osnovy. Leningrad, Sudostroenie, 1966. 119 p.

Physiological task of the operator of a crosscutting unit, G. A. Vitke, Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:146-148 '66.

Physical realizability of systems optimum in the statistical sense, V. P. Podanin, Trudy MIT no. 21:118-128 '65.

Present state of the automation of the transformation of ether into alcohol and problems in the optimization of this process, V. V. Iusilov, Za tekhn. prog. 4 no. 3:8-11 Mr '64.

Programmed control of heating furnaces, P. F. Parastuk, Kuz.-slit. prom. 8 no. 4:39-41 Ap '66.

Quantity of information determining the knotiness of tree-length logs, L. V. Leonov, Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:155-162 '65.

Reliability of redundant systems with automatic switching-in of reserve, L. L. Barvinskii, V. S. Dem'ianchuk, Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:265-268 Mr-Ap '66.

Results of work on the automatic control of the GTU-20 marine gas turbine, A. I. Gitel'man, Sudostroenie 56 no. 3:27-34 Mr '66.

Sampled-data control systems, M. Fesenko, Tekh. i voen. 24 no. 1:17-21 Ja '66.

Snytkin, V. V. [Handbook on the adjustment and operation of the automatic equipment of gas-fired heating boilers] Rukovodstvo po nastadke i ekpluatatsii avtomatiki gazifitsirovannykh otopitel'nykh kotel'nykh. Leningrad, Nedra, 1965. 178 p. (Biblioteka mastera gazovogo khoziaistva)

Stability of automatic control systems of the 4th order, L. G. Sobolev, Trudy TSNIIMF no. 77:3-17 '65.

Statistical modeling of a certain class of complex systems, Kh. Sh. Margulis, G. A. Fridman, Dokl. AN SSSR 168 no. 2:296-299 My '66.

Survey of radioisotope devices used in automatic control of dimensions, E. B. Milevskii, Avtomatiz. proizv. prots. v mashinost., i prib. no. 2:113-131 '65.

Synthesis of the optimal weight function of distributed control in systems controlling industrial processes, F. I. A. Gmel'shein, Avtometriia no. 1:83-95 '66.

Temperature regulation of the charged air, I. U. S. Karnaukhov, Trudy TSNIIMF no. 77:25-32 '65.

Transient processes in diesel generators with gas turbo-superchargers as objects of the regulation of the shaft revolution velocity, A. A. Galanin, Trudy TSNIIMF no. 77:33-36 '65.

Turkenich, D. I. [Automatic control of the smelting process in oxygen-blown converters] Avtomatizatsiia protsessov plavki v kislorodnom konvertere. [Moskva] Metallurgizdat, 1966. 134 p.

Uncorrelated method of the analysis of the reliability of automatic control systems, A. A. Bessonov, Izv. vys. ucheb. zav.; prib. 9 no. 2:130-134 '66.

Using methods of the theory of automatic regulation and statistical dynamics for solving economic problems, P. A. Vatinik, Trudy LIEI no. 58:275-286 '66.

Using the location of raw material inlet of plate towers as action controlling medium, I. V. Anisimov, V. B. Pokrovskii, Khim. prom. 42 no. 5:373-376 My '66.

Volotskii, V. V., and E. D. Garber, [Fundamentals of the automation and control of marine power plants] Osnovy avtomatizatsii i regulirovaniia sudovyykh silovyykh ustanovok. Leningrad, Sudostroenie, 1966. 199 p.

AUTOMATIC CONTROL—CONGRESSES

Fourth All-Union Conference on Automatic Control and Electrical Measurement Techniques, A. S. Anisimov, Avtometriia no. 1:105-107 '66.

AUTOMATIC PILOT (SHIPS)

Requirements of the automatic navigation system with discrete course correction, I. U. G. Zurabov, Inform. sbor. TSNIIMF no. 146. Sudovozh. i sviaz' no. 33:117-23 '66.

AUTOMATIC TIMERS

Measuring the work of impulse and release in electronic mechanical timers, V. I. Roizman, Izv. vys. ucheb. zav.; prib. 9 no. 2:112-118 '66.

AUTOMATION

Automation and mechanization of deck work on seagoing transport vessels, S. F. Miasnikov, L. G. Sobolev, Inform. sbor. TSNIIMF no. 151, Tekh. ekspl. mor. flot. no. 4:116-127 '65.

Automation and radioelectronics in the construction industry, A. I. Shchepet'ev, Mekh. stroi. 22 no. 4: of cover - 5 Ap '66.

Automation is a good thing if the labor is well organized, G. S. Balovets, V. F. Kleitsov, Prom. Bel. 9 no. 1:11 Ja '66.

Automation of alkylphenol washing in an installation for the production of additives, G. I. Izvekov, I. E. Skor. Nefteper. i neftekhim. no. 3:43-45 '66.

Automation of individual pumps with low-voltage energy by using the VHS apparatus, I. A. Viradskii, Ugl. 41 no. 5:41-43 My '66.

Effective correlation of the function of man and machine, G. A. Krasovskii, Avtom., telem. i sviaz' 10 no. 4:8-11 Ap '66.

Eidel'shtein, I. L. [Principles of automation and control and measuring instruments in the fish processing industry] Osnovy avtomatizatsii i kontrol'no-izmeritel'nye pribory v rybolovno-razrabatnykh promyshlennost' Moskv, Pishchevaia promyshlennost', 1965. 263 p. Features of automatic determination of the complete of objects according to color, I. A. Beraznala, G. Buslovich, G. Ia. Pudkov, Vych. tekhn. i vop. prog. no. 4:128-133 '65.

Give modern machinery to the coal industry, V. G. Linit'skii, Ugl. Ukr. 10 no. 5:25-26 My '66.

Increasing the operating reliability of automatic lines consisting of machine-tool units, L. I. Volchkevich, B. N. Kuznetsov, G. I. Kolmakov, Izv. vys. ucheb. zav. mashinost., no. 11:145-153 '64.

Kuz'menko, L. A., and L. N. Sergeev, [Automation of production processes in meat combines] Avtomatizatsiia proizvodstvennykh protsessov na miasokombinatakh. Moskva, TsINTPishcheprom, 1965. 107 p.

Methodology of an analysis of automation elements, V. Obukhov, Dokl. AN BSSR 10 no. 5:305-306 My '66.

Organization of the work of crews on automated ships, R. S. Rex, Inform. sbor. TSNIIMF no. 151, Tekh. ekspl. mor. flot. no. 4:128-133 '65.

Pigot, S. G. [Automation of the management of enterprises of the chemical industry] Avtomatizatsiia upravleniia predpriiatiiami khimicheskoi promyshlennosti. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauch. tekhnika. IV Seriya: Tekhnika, no. 10)

Polzik, P. V., and A. R. Nikonov, [Automation of the production of plastic parts] Avtomatizatsiia proizvodstva plastmassovykh detalей. [Minsk, Belarus', 1966. 162 p.

Prangishvili, I. V., and others, [Contactless elements and remote control systems for the automation of mining enterprises] Beskontaknye elementy i sluzhba telemekhaniki dlia avtomatizatsii pridpriiatii gornoi promyshlennosti. Moskva, Nedra, 1965. 203 p. diagrams. (insert)

Precision in weighing materials by automatic measuring devices, A. E. Davov, K. M. Korolev, Mekh. stroi. no. 4:5-8 Ap '65.

Problems of great importance, V. P. Kanash, L. A. Lisovskii, Ugl. Ukr. 10 no. 5:53-54 My '66.

Specific features of production conditions in manless mining, I. U. F. Savenko, Ugl. Ukr. 10 no. 5:4 My '66.

System of automatic measuring of materials in concrete mixing equipment, A. B. Minin, V. A. Fateev, Mekh. stroi. 22 no. 4:8-9 Ap '65.

Testing the diagrams for the automation of the cycle combustion at the "Apatit" Combine, B. A. Kaplin, T. P. Afanas'ev, Obog. rud. 11 no. 1:44-40 '66.

AUTOMATION—SOCIAL ASPECTS

[Problems of the formation of the new type of Soviet worker under conditions of automation] Voprosy formirovaniia novogo tipa sovet'skogo rabotnika v usloviia avtomatizatsii; sbornik statei. [Saravov] Izd-vo Saratovskogo univ., 1965. 106 p. (CS-11)

AUTOMOBILE EXHAUST GAS

Methods for determining the pollution of city streets by exhaust gases of motor vehicles, V. Chalaiov, P. Aramian, Prom. Arm. 9 no. 3:22-24 Mr '66.

AUTOMOBILE EXHAUST GAS—ANALYSIS

Analysis of fuel combustion products under forced idling conditions of an internal-combustion carburetor engine, S. S. Slavolubov, Izv. vys. ucheb. zav.; mashinost., no. 2:92-96 '66.

AUTOMOBILE INDUSTRY—EXHIBITIONS

Along the roads of Europe, B. Larin, D. Darchev, Vnesh. torg. 46 no. 4:45-51 '66.

AUTOMOBILE INDUSTRY—MANAGEMENT see subdivision under Minsk

AUTOMOBILE INDUSTRY—PRODUCTION STANDARDS see subdivision under Gorky

AUTOMOBILE PARKING see subdivision under Moscow

AUTOMOBILE TRAINS

Automobile train with a trailer having a load-carrying capacity of more than 150 t. I.A. Gel'man, Prom. stroit. inzh. soor. 6 no. 4:58-61 31-Ag '64.

AUTOMOBILE TRAINS—BRAKES

Improving pneumatic brake drive of the ZIL automobile trains. L.N. Makiakov, V.I. Mashutin. Avt. prom. 32 no. 3:15-17 Ap '66.

AUTOMOBILES—BODIES

Vibratory testing of automobile bodies on test units. D.B. Gel'figat, L.O. Davlyudov, S.B. Skvortsov. Avt. prom. 32 no. 5:13-15 My '66.

AUTOMOBILES—BRAKES

Experimental brake drive with antiblocking devices of the GAZ-21 "Volga" automobile. B.F. Rudakov. Izv. vyz. ucheb. zav. mashinost. no. 2:103-108 '66.

AUTOMOBILES—ENGINES

Thermal conditions of engines in determining the octane numbers of gasoline using the operational and research methods. D.M. Aronov and others. Eksp. tekhn. svoist. i prim. avt. top., smez. mat. i spetszhid. no. 4:43-51 '66.

AUTOMOBILES—FRAMES

One more method for calculating automobile frames for torsion. V.B. Proskuriakov, G.E. Pavlova. Avt. prom. 32 no. 3:25-28 My '66.

AUTOMOBILES—IGNITION

Glow ignition in automobile engines. D.M. Aronov, I.U. A. Robert. Eksp. tekhn. svoist. i prim. avt. top., smez. mat. i spetszhid. no. 4:38-42 '66.

AUTOMOBILES—TESTING

From the Arctic Ocean to the Black Sea. M. Kurshev. Vnesh. torg. 46 no. 5:41-42 '66.

AUTOMORPHIC FUNCTIONS see Functions, Automorphic

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUXILIARY POLICE

Barabashov, G.V., V.I. Baskov, and A.N. Vasil'ev. [Auxiliary policemen; a textbook for students of the faculties of the protection of the public order of people's universities] Narodnye družinniki; uchebnoe posobie dlia shkol'tselei fakul'tetov okhrany obshchestvennogo poriadka narodnykh universitetov pravovykh znani. Moskva, Znanie, 1966. 157 p. (Narodnyi universitet: Fakul'tet pravovykh znani, nos. 1/2)

AVAKUMOV, ALEKSANDR IVANOVICH, 1886-1965

Aleksandr Ivanovich Avakumov; an obituary. Vest. rent. i rad. 41 no. 2:109 Mr-Apr '66.

AVALANCHES

Calculations of the mechanical properties of snow thickness according to data of observations, following avalanches. I.U. D. Moskalov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 21:47-53 '65. Determination of the hardness of snow cover applicable to avalanche research. A.I. Korolev. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 21:54-61 '65. Moskalov, I.U.D. [Origin and movement of snow avalanches] Vozniknoveniye i dvizheniye lavin. Pod red. P.M. Mashukova. Leningrad, Gidrometeoizdat, 1966. 151 p.

AVERAGE

The method of averaging and some problems related to averaging. M.M. Khapayev. Dif. urn. 2 no. 5:600-608 My '66.

AVERTSEV, SERGEI VASIL'EVICH, 1875-1957

S.V. Avertsev's travel in Africa. E.I. Gnevusheva. Strany i nar. Vost. no. 4:198-213 '65.

AVIAN LEUKOSIS

Hematological changes in baby chicks of the Russian White breed infected by the myeloblastosis virus. V.M. Shebukhov. Veterinaria 42 no. 4:25-27 Ap '66.

AXIOMS

Some systems of axioms of geometrical constructions by the aid of a ruler and a standard of length. P.M. Olonichev. Ukr. geom. shor. no. 1:87-94 '65.

AXOLOTLIS

Role of trauma in the regenerative restoration capacity in the axolotl extremities inhibited by X-ray irradiation. S.I.A. Tuckova. Dokl. AN SSSR 168 no. 2:473-476 My '66.

AYON ISLAND—BOTANY

Vascular plants of Ayon Island (Chann Bay). V.R. Filin, B.A. Iurtev. Rast. Krain. Sev. SSSR i ee osv. no. 6: 44-57 '66.

AZEPINONE

Amperometric determination of bismuth by means of ϵ -azepinone. A.I. Rusev and others. Zhur. anal. khim. 21 no. 4:422-426 '66.

AZERBAIJAN—ARID REGIONS

Aridity types and zones of Azerbaijan. E.M. Shikhlinskii. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:167-177 '64.

AZERBAIJAN—BIRDS

Comprehensive analysis of fauna and animal population. N.N. Drozdov. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2: 50-55 Mr-Apr '65.

AZERBAIJAN—BOTANY, MEDICAL

Medicinal plants of the Nukha-Zakatal'skiy zone of the Azerbaijan S.S.R. and the perspectives of their procurement. S.H. Akhmedov, Farmats. zhur. 19 no. 2:54-59 '64.

Prilipko, L.I., R.F. Aliev, and I.A. Damirov. [Medicinal plant resources of the natural and economical zones of the Azerbaijan S.S.R.] Lekarsvennye rastitel'nye resursy prirodno-ekonomicheskikh zon Azerbaidzhanskoi SSR. Baku, Respubl. dom sanitarnogo prosv., 1965. 75 p. illus.

AZERBAIJAN—BRACHIOPODA

Industrial testing of the biological method of controlling phyllophora. M.K. Askerov. Za tekhn. prog. 6 no. 4:43-45 Ap '66.

AZERBAIJAN—CATARACT

Percentage of senile cataract among other eye diseases according to materials of the Azerbaijan Ophthalmological Scientific Research Institute. U.N. Samedova. Azerb. med. zhur. 41 no. 6:55-57 Je '64.

AZERBAIJAN—CHERRY LAUREL

Second flowering and fruit bearing in cherry laurel (*Lauruscaryus officinalis* L.) on the Apsheron Peninsula and Talysh Mountains. V.Kh. Tutaluk, M. Ali-zade. Dokl. AN Azerb. SSR 21 no. 12:32-34 '65.

AZERBAIJAN—CLIMATE

Invasion of cold in Azerbaijan in the system of blocking anticyclones. I.S. Ismailov, S.N. Iuzbashova. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 4:116-121 '65.

AZERBAIJAN—COMMUNIST PARTY OF THE SOVIET UNION

Food supply policy of the Communist Party of Azerbaijan during the period of the establishment and development of the Soviet regime in Azerbaijan, 1920-1921. K. Dumihtov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:67-73 '65.

AZERBAIJAN—COMRADES COURTS

Azerbaijan. Laws, statutes, etc. [Statute on comrades courts. Approved by the Decree of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R. of October 9, 1951. As amended and supplemented by the Decrees of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R. of November 27, 1953, and January 30, 1955] Potozheniye o tovarishcheskikh sudakh. Uverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR of 9 oktabri 1961 g. S izmeneniyami i dopolnitsami, vneshennymi Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR of 27 noiabria 1963 g i 30 ianvaria 1965 g. Baku, Izd-vo Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1965. 19 p.

AZERBAIJAN—CROP ZONES

Compiling an agrobiological map of Azerbaijan. L.I. Prilipko. Bot. zhur. 51 no. 2:188-196 F '66.

AZERBAIJAN—CULTURE

Cultural and educational work in the villages of Azerbaijan, 1951-1958. A.A. Mansimov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:3-14 '65.

AZERBAIJAN—CYCLONES

Invasion of cold in Azerbaijan in the system of blocking anticyclones. I.S. Ismailov, S.N. Iuzbashova. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 4:119-121 '65.

AZERBAIJAN—DECORATION AND ORNAMENT, ARCHITECTURAL

Askerova, N.S. [Architectural ornament of Azerbaijan] Arkhitekturnyi ornament Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 44 p. 67 plates. (MI)

AZERBAIJAN—EARTH—SURFACE

Crustal structure of Azerbaijan. I.O. Tsimel'zon. Prikl. geofiz. no. 46:167-181 '65.

AZERBAIJAN—ELECTRIC LINES

Analysis of the disconnections of the 110 kv electric line of the Azerbaijan Main Power Administration. M.N. Aliev, E.M. Farkhad-Zade. Za tekhn. prog. 6 no. 4:14-17 Ap '66.

AZERBAIJAN—FARM MECHANIZATION

The role of the industrial enterprises of Azerbaijan in strengthening the material and technological bases of collective farms, 1953-1958. M. G. Sel'dov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:16-23 '65.

AZERBAIJAN—FAULTS (GEOLOGY)

Effect of disjunctive dislocations on the hydrodynamic isolation of oil- and gas-bearing blocks. A.A. Ali-Zade and others. Geol. nefti i gaz 10 no. 5:33-36 My '66.

AZERBAIJAN—FISH CULTURE

Artificial breeding of pike perch. Z. Sh. Aliev. Za tekhn. prog. 4 no. 3:43-45 Mr '64.

AZERBAIJAN—FOLDS (GEOLOGY)

New data on the geology of the Binegling fold. N.B. Mamedov. Azerb. nefti i khoz. 45 no. 4:1 Ap '66.

AZERBAIJAN—FOOD SUPPLY

Food supply policy of the Communist Party of Azerbaijan during the period of the establishment and development of the Soviet regime in Azerbaijan, 1920-1921. K. Dumihtov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:67-73 '65.

AZERBAIJAN—FORAGE PLANTS

Economic evaluation of the structure of the acreage of forage plants. R.P. Mamedov. Vest. sel'khoz. nauk 11 no. 4:113-115 Ap '66.

AZERBAIJAN—FORAMINIFERA, FOSSIL

Asymmetric structure of the shell of *Lenticulina* in the Jurassic sediments of Azerbaijan. G.K. Kasimova. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:3-11 '64.

AZERBAIJAN—GAS, NATURAL

The first ores in Azerbaijan. A. Sufimov. Neft i khim. 10 no. 5:9-11 My '65.

AZERBAIJAN—GAS, NATURAL—GEOLOGY

Jet migration of hydrocarbons and its role in the formation of oil and gas fields in Azerbaijan. V.A. Gordin. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:17-19 '64.

Oil and gas-bearing series and some problems of the formation of oil and gas pools. A.A. Aliev, G.A. Akhmedov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3: 17-27 '64.

Oil and gas formation and accumulation zones of the Malkop series of Azerbaijan. S.G. Salayev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:115-121 '64.

Tectonically screened oil and gas pools in Azerbaijan. I.R. Reikhsman. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:34-38 '65.

AZERBAIJAN—GEODETIC RESEARCH

Significance of using instrumental measurements in the studies of recent tectonics in Azerbaijan. P.S. Akhmedov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 4: 130-137 '65.

AZERBAIJAN—GEOLOGY

Development of knowledge of geology, geography, and the production of oil and gas in Azerbaijan. Sh. A. Azizbeigov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:3-15 '64.

AZERBAIJAN—GEOLOGY, STRATIGRAPHIC

Materials on the Lower and Middle Jurassic boundary in Azerbaijan (Lower Caucasus). T.A. Gasimov, T. Ab. Gasimov. Dokl. AN Azerb. SSR 21 no. 12:26-31 '65.

AZERBAIJAN—GEOLOGY, STRUCTURAL

Significance of using instrumental measurements in the studies of recent tectonics in Azerbaijan. P.S. Akhmedov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 4: 130-137 '65.

Structural elements of different times on Kyurvdag-Neftechala tectonic line. A.B. Mammadov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:28-33 '65.

AZERBAIJAN—HAIL

Criteria determining the development of storm-hail conditions in regions of Azerbaijan. F.A. Metaliyev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:89-96 '65.

AZERBAIJAN—HISTORY

Some additions to the genealogy of the Shirvanshahs Kervandis. Z.M. Dumihtov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:47-53 '65.

AZERBAIJAN—INDUSTRIAL MANAGEMENT

Organizing an efficient use of productive capacity. A.A. Guseinov. Za tekhn. prog. 4 no. 12:13-15 D '64.

AZERBAIJAN—INTESTINES—DISEASES

Training of district physicians, therapeutists and pediatricians for the control of acute intestinal infections. Sh.S. Khalilov. Azerb. med. zhur. 42 no. 6:93-97 My '65.

AZERBAIJAN—LAW

Azerbaijan. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Azerbaijan S.S.R., sixth session, April 27-28, 1965. Verbatim report] Zasedaniia Verkhovnogo Soveta Azerbaidzhanskoi SSR shestogo sozyva; shchastna sessiia (27-28 aprilia 1965 goda). Stenograficheskii otechet. Baku, Izd. Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1965. 143 p.

Azerbaijan. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Azerbaijan S.S.R., ninth session, December 21-22, 1965. Verbatim report] Zasedaniia Verkhovnogo Soveta Azerbaidzhanskoi SSR shestogo sozyva; deviatna sessiia (21-22 dekabrnia 1965 goda). Stenograficheskii otechet. Baku, 1966. 118 p.

AZERBAIJAN—MEDICAL COLLEGES

Prospects for training scientific personnel of higher qualifications in the N. Narimanov Azerbaijan State Medical Institute. Kh. A. Gasanov. Azerb. med. zhur. 41 no. 6: 83-85 Je '64.

AZERBAIJAN—MEDICINE, INTERNAL—STUDY AND TEACHING

Training of district physicians, therapists and pediatricians for the control of acute intestinal infections. Sh. S. Khalifov. Azerb. med. zhur. 42 no. 5:93-97 My '65.

AZERBAIJAN—MILK VETCH

Growth of aerial parts of shrubs of the gum-yielding milk vetches in the mountain districts of Azerbaijan. R. I. Garbanov. Dokl. AN Azerb. SSR 21 no. 12:35-39 '65.

AZERBAIJAN—MOLLUSKS, FOSSIL

Composition, general nature, and basic stages of the development of Quaternary marine mollusks in eastern Azerbaijan. B. G. Vekilov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:59-65 '64.

AZERBAIJAN—NUMMULITES, FOSSIL

Find of nummulites in Paleocene sediments of Azerbaijan. T. A. Mamedov. Dokl. AN Azerb. SSR 21 no. 12:23-27 '65.

AZERBAIJAN—OIL WELL LOGGING

Effect of petroleum additions to drilling solution on the results of gas logging. A. K. Badalov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:30-42 '65.

AZERBAIJAN—ORE DRESSING

Increasing labor productivity at the Azerbaijan Ore-Dressing Works. R. G. Mamedov. Za tekhn. prog. 4 no. 3:46-47 Mr '64.

AZERBAIJAN—ORIBATIDAE

Genus *Suctobelba* Paoli, 1908, in the oribatid fauna of Azerbaijan. R. A. Kuliev. Dokl. AN Azerb. SSR 21 no. 12:51-55 '65.

AZERBAIJAN—PALEONTOLOGY, STRATIGRAPHIC

Study of the fauna of Gyurgyan sediments. E. M. Asadulaev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:21-27 '65.

AZERBAIJAN—PARAGENESIS

Some regularities in mineral association in the Beyuk-Kishlak ore zone. Z. A. Agalarov. Dokl. AN Azerb. SSR 21 no. 12:20-22 '65.

AZERBAIJAN—PETROCHEMICAL INDUSTRY

Students of the labor process. V. Pertsov. Neftianik 10 no. 5:32 My '65.

AZERBAIJAN—PETROLEUM GEOLOGY

Jet migration of hydrocarbons and its role in the formation of oil and gas fields in Azerbaijan. V. A. Gorin. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:37-42 '64.

Oil and gas-bearing series and some problems of the formation of oil and gas pools. A. A. Alt-zade, G. A. Akhmedov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:17-27 '64.

Oil and gas formation and accumulation zones of the Mankop series of Azerbaijan. F. G. Salayev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:115-121 '64.

Tectonically screened oil and gas pools in Azerbaijan. I. R. Rokhman. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:34-38 '65.

AZERBAIJAN—PETROLEUM PRODUCTION

Development of knowledge of geology, geography, and the production of oil and gas in Azerbaijan. Sh. A. Azizbekov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:3-15 '64.

The first ores in Azerbaijan. A. Smirnov. Neftianik 10 no. 5:9-11 My '65.

AZERBAIJAN—PETROLEUM PRODUCTION, THERMAL

Economic effectiveness of electrothermal processing of well bottoms. I. M. Dzhamalov, I. M. Kerimov. Azerb. neft. khoz. 45 no. 4:44-45 Ap '66.

AZERBAIJAN—PIPE MILLS—DESIGN AND CONSTRUCTION

Adopting the production of high-strength drive pipe of carbon and low-alloy steel at the Azerbaijan Pipe Rolling Mill. G. N. Khelifets and others. Stal' 26 no. 5: 446-451 My '66.

AZERBAIJAN—POLITICS AND GOVERNMENT

Azerbaijan. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Azerbaijan S.S.R., sixth session, April 27-28, 1965. Verbatim report] Zasedaniia Verkhovnogo Soveta Azerbaidzhanskoi SSR shestogo sozyva; shchastna sessiia (27-28 aprilia 1965 goda). Stenograficheskii otechet. Baku, Izd. Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1965. 143 p.

Azerbaijan. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Azerbaijan S.S.R., ninth session, December 21-22, 1965. Verbatim report] Zasedaniia Verkhovnogo Soveta Azerbaidzhanskoi SSR shestogo sozyva; deviatna sessiia (21-22 dekabrnia 1965 goda). Stenograficheskii otechet. Baku, 1966. 118 p.

Kommunisticheskaia partiia Azerbaidzhana. Tsentralnyi Komitet. [The 27th Congress of the Communist Party of Azerbaijan, February 24-26, 1966] XXVII s'ezd Kommunisticheskoi partii Azerbaidzhana 24-26 fevralia 1966 goda. Baku, Azerneshr, 1966. 89 p.

AZERBAIJAN—PRECIPITATION (METEOROLOGY)

Distribution of heavy precipitation on the southern slope of the main range of the Caucasus (within the boundaries of the Azerbaijan S.S.R., 1950-1966). M. A. Dzhabarov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 4:122-129 '65.

AZERBAIJAN—PROSPECTING—GEOPHYSICAL METHODS

Determining depths in carrying out field geophysical operations in wells. G. K. Logovskaya, R. A. Vorobiev. Azerb. neft. khoz. 45 no. 4:11-12, 19 Ap '66.

AZERBAIJAN—Q FEVER

Material on the characteristics of Q fever in some districts of Azerbaijan. I. A. S. Entin. Azerb. med. zhur. 41 no. 9:60-70 Je '64.

AZERBAIJAN—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Kuliev, Rza. [In the name of peace and freedom; international cultural ties of Soviet Azerbaijan] Vo imia mira i druzhby; mezhdunarodnye kulturnye svyazi Sovetskogo Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1966. 172 p.

AZERBAIJAN—RESERVOIRS

All-Union Technological Conference on Construction and Operation of Reservoirs. R. B. Tarverdiev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:110-111 '65.

AZERBAIJAN—RUNOFF

Geomorphological conditions governing the formation of mudflows in the southern slope of the Greater Caucasus (in the boundaries of Azerbaijan). I. E. Mardanov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:63-66 '64.

AZERBAIJAN—SCHOOLHOUSES

Effect of insulation on the microclimate of schoolhouses in the Azerbaijan S.S.R. A. T. Kasumov. Dokl. AN Azerb. SSR 21 no. 12:61-65 '65.

AZERBAIJAN—SOVIETS

Activities of the soviets in the counties of Azerbaijan, July-October, 1917. G. S. Aydinov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:24-35 '65.

AZERBAIJAN—SURGERY

Role of Russian scientists in the formation and development of surgery in Azerbaijan. G. K. Alier, Z. M. Mamedov. Azerb. med. zhur. 41 no. 6:8-19 Je '64.

AZERBAIJAN—TRANSPORTATION, AUTOMOTIVE

Irregularities of freight haulage in automotive transportation. A. A. Muradov. Za tekhn. prog. 9 no. 4:38-42 Ap '66.

AZERBAIJAN—WEATHER FORECASTING

Criteria determining the development of storm-hall conditions in regions of Azerbaijan. F. A. Mutalibov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:89-96 '65.

AZERBAIJANI LANGUAGE

N. G. Chernyshevskii and the Azerbaijan language. A. A. Feld-zade. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:74-83 '65.

Selection of words in the Azerbaijan language in oral and instrumental audiometry. A. O. Shikhinski, I. A. Kasumov. Azerb. med. zhur. 41 no. 6:45-48 Je '64.

AZERBAIJANI LANGUAGE—DIALECTS

Etymology of the word "ajalga." K. T. Ramazanov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:111-117 '65.

AZERBAIJANI LITERATURE—HISTORY AND CRITICISM

Dzhabarov, Mamed Dzhabar. [Literary meditations. Literaturnye razmyshleniia] Baku, Azerbaidzhan Doylet Nashriyati, 1958. 198 p. [In Azerbaijani] (InU)

AZINES

Interaction of hydrazones and azines with metal salts. Report No. 5: Reaction of hydrazones and azines with bivalent mercury halides. A. S. Gudkova, M. I. A. Aleksova, O. A. Rontov. Izv. AN SSSR, Ser. khim. no. 5:844-848 '66.

AZIRIDINE—PHYSIOLOGICAL EFFECT

Activity of ethylene compounds as chemical sterilant for Lepidoptera. E. M. Shumakova, M. A. Bulygin, A. A. Kropacheva. Khim. v sel'khoz. 4 no. 5:22-25 My '66.

AZNAKAYEVO REGION (TATAR A.S.S.R.)—OIL WELL DRILLING RIGS

This is the way G. M. Bagmanov's rig assembling crew works. M. Valeev, A. Kashapov. Neftianik 10 no. 8: 6-9 Ag '65.

AZOTOBACTER

Effect of various amounts of Azotobacter cultures on the growth and development of ducklings, chicks and white mice. V. E. Andreevskaya. Uch. zap. TGI 21:69-74 '64.

Use of Azotobacter cultures in feeding chicks and ducklings. V. E. Andreevskaya. Uch. zap. TGI 21:64-68 '64.

Use of Azotobacter for rice. Sh. T. Shende. Vest. sel'khoz. nauki 12 no. 2:129-130 F '66.

AZOTOBACTER—CULTURES AND CULTURE MEDIA

Degeneration of flagella of Azotobacter. N. A. Krasil'nikov, E. V. Bolianskaya, A. A. Sokolov. Mikrobiologiya 35 no. 2:298-301 Mr-Apr '66.

Formation of group B vitamins by Azotobacter in a submerged culture. T. M. Klushnykova, E. I. Kvaanykov. Mikrobiol. zhur. 28 no. 2:8-14 '65.

AZOTOBACTERIN

Effect of azotobacterin on the growth and development of decorative shrubs of Murmansk Province. M. H. Roizin, N. M. Aleksandrov. Izv. AN SSSR, Ser. biol. no. 3:452-456 My-Je '66.

AZOV, SEA OF—GOBIES

Inefficient spring fishing of the Azov goby. A. N. Smirnov. Ryb. khoz. 42 no. 4:23-25 '66.

AZOV, SEA OF—MERCHANT MARINE—PASSENGER TRAFFIC

Local fleet of passenger ships can work with profit. L. Kul'. Mor. flot 26 no. 4:10-11 Ap '65.

AZOV SEA REGION—CANCRINITE

Study of the nature of the coloring of cancrinite from the region of the Sea of Azov. A. N. Platonov, V. P. Belichenko. Min. sbor. 19 no. 2:153-163 '65.

AZOV SEA REGION—CORN (MAIZE)—FERTILIZERS AND MANURES

Composition of the fraction of readily hydrolyzing nitrogen in Chernozems in the Sea of Azov region and the action of nitrogen fertilizers on the yield of corn. S. F. Bondarenko, L. V. Grigor'eva. Pochvovedenie no. 5: 73-79 My '66.

AZOV SEA REGION—GRANITE

Metasomatic zoning in granites of the Komeynyye Mogily in the region of the Sea of Azov. Z. M. Lishchkevich, B. V. Zatskha. Min. sbor. 19 no. 2:198-207 '65.

AZOV SEA REGION—IRON ORES

Discovery of the Marulup iron-ore deposit. I. A. M. Bielevits and others. Geol. zhur. 24 no. 6:88-99 '64. Mineralogy and textural and structural characteristics of the Cimmerian iron ores in the northern part of the region of the Sea of Azov. V. P. Kossova and others. Geol. rud. mestorozh. 8 no. 1:83-92 Ja-F '66.

AZOV SEA REGION—MINERALOGY

Mineralogy and textural and structural characteristics of the Cimmerian iron ores in the northern part of the region of the Sea of Azov. V. P. Kossova and others. Geol. rud. mestorozh. 8 no. 1:83-92 Ja-F '66.

AZOV SEA REGION—MINERALS

"Kupetskii" from alkali rocks in the region of the Sea of Azov. A. A. Valtier, G. K. Eremenko, T. A. Lyenko. Min. sbor. 19 no. 2:246-252 '65.

Terrigenous minerals of Cimmerian sediments in the region of the Sea of Azov. A. U. Litvinenko, L. I. Fedorova. Min. sbor. 19 no. 2:240-245 '65.

BCG VACCINATION

Effect of large doses of caffeine on the formation of immunity to tuberculosis in vaccinated white mice. A. E. Perelman. Dkh. eksp. biol. i med. 58 no. 9:102-106 S '64.

Electron microscopic and histochemical examination of the pulmonary capillaries during the process of formation of immunity following BCG vaccination. V. F. Salya. Probl. tub. no. 7:76-79 '65.

Experience in intradermal BCG vaccination in adults. G. G. Karapetian. Probl. tub. no. 9:12-13 '64.

BCG VACCINATION—COMPLICATIONS AND SEQUELAE

Some clinicohematological and immunological phenomena following the action of Freund's adjuvant on white rats. V. V. Sura, V. A. Kolaev, I. V. Konstantinova. *Biul. eksp. biol. i med.* 58 no. 9:97-102 S '64.

BACILLARY NECROSIS see Necrosis, Bacillary

BACILLUS ANTHRACIS

Study of antigens of *Bacillus anthracis* and *Bacillus cereus*, using the fluorescent-serological and cytochemical methods. E. N. Levina, I. N. Kats. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:98-103 Ap '66.

BACILLUS CEREUS

Study of antigens of *Bacillus anthracis* and *Bacillus cereus*, using the fluorescent-serological and cytochemical methods. E. N. Levina, I. N. Kats. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:98-103 Ap '66.

BACILLUS CEREUS—CULTURES AND CULTURE MEDIA

Isolation, purification, and catalytic properties of a bacterial enzyme, splitting carbocillin benzyl ester. M. M. Levitov, E. V. Gorischenkova, S. V. El'chits. *Biokhimiya* 31 no. 2:270-275 Mr-Apr '66.

BACILLUS SUBTILIS

Structure of *Bacillus subtilis* phages and lysogenesis of their host cells. R. R. Azizebekian and others. *Mikrobiologiya* 35 no. 2:270-286 Mr-Apr '66.

BACTERIA, AEROBIC

Bacillus mucilaginosus polysaccharide as a protective agent against ultraviolet radiation. E. L. Milevskii. *Mikrobiologiya* 35 no. 2:307-311 Mr-Apr '66.

BACTERIA, AEROBIC—CULTURES AND CULTURE MEDIA

Effect of cultivation conditions on the oxidative activity of resting *Bacillus licheniformis* cells. I. V. Kuznetsova, N. D. Teresalinskii. *Mikrobiologiya* 35 no. 2:206-211 Mr-Apr '66.

BACTERIA, AUTOTROPHIC—CULTURES AND CULTURE MEDIA

Effect of light intensity on the utilization of various carbon compounds by photosynthesizing bacteria. A. I. Nesterov, I. N. Gogotov, E. N. Kondrat'eva. *Mikrobiologiya* 35 no. 2:193-199 Mr-Apr '66.

BACTERIA, PATHOGENIC

Characteristics of the carrier state in experimental ocular diphtheria caused by *Corynebacterium diphtheriae* in association with pathogenic cocci. Report No. 2: Genetic analysis of changes in the diphtheria bacteria. E. V. Bakulina. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:64-70 Ap '64.

Methods of cytological study of bacterial capsules. L. N. Kats, N. N. Solov'ev, N. A. Volkova. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:95-96 Ap '66.

BACTERIA, PHYTOPATHOGENIC

Bacterial diseases of lupine seeds and shoots in the Ukraine. I. B. Korolova. *Mikrobiol. zhur.* 28 no. 3: 32-37 '66.

BACTERIA, SAPROPHYTIC

(see also subdivision under Black Sea)

Antigenic structure of yellow-pigmented gram-negative bacteria isolated from man. Report No. 2: O- and H-antigens and the nature of antigenic relations between cultures. M. A. El'shina. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:34-39 Ji '64.

BACTERIA, SULFUR

(see also subdivision under Soviet Central Asia)

Pheophorbides of green bacteria. V. E. Uspenskaya, R. S. Sumarukova. *Mikrobiologiya* 35 no. 2:200-205 Mr-Apr '66.

BACTERIA, SULFUR—CULTURES AND CULTURE MEDIA

Role of carbon dioxide and acetate in biosynthesis of sulfur-reducing bacteria. Iu. I. Sorokin. *Dokl. AN SSSR* 168 no. 1:199-201 My '66.

BACTERICIDES

Antimicrobial effect of some dialkylaminophenyl- and styrenepyrrolidines. L. R. Kolomoitsev and others. *Mikrobiol. zhur.* 28 no. 3:67-72 '66.

Bactericidal properties of dioxane in respect to *Pasteurella pastis*. G. M. Maiboroda and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:121-125 Ap '66.

Determination of the bactericidal activity of blood serum using the photonephelometry method. O. V. Smirnova, T. A. Kuz'mina. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:8-11 Ap '66.

Methodology for the determination of the bactericidal action of gaseous disinfectants. V. T. Osipov, N. D. Uspenskii. *Zhur. mikrobiol., epid. i immun.* 41 no. 8: 8-12 Ag '64.

Synthesis, structure, and bactericidal activity of methoxyamine derivatives of naphthalene. V. I. Blyznukov, V. P. Shituchna, Farmatsev. *zhur.* 21 no. 2:17-23 '66.

BACTERIOLYSIS

Lysis of the blue-green alga *Microcystis pulverosa*. L. I. Rubenskiy and others. *Mikrobiol. zhur.* 28 no. 2:88-91 '66.

BACTERIOPHAGE

"Bacteriophage tracking" method for the detection of typhoid fever bacteria carriers. A. M. Zaritskii. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:84-90 Ji '64.

Characteristics of the carrier state in experimental ocular diphtheria caused by *Corynebacterium diphtheriae* in association with pathogenic cocci. Report No. 2: Genetic analysis of changes in the diphtheria bacteria. E. V. Bakulina. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:64-70 Ag '64.

Dynamics of the phage titer growth reaction in dysentery. M. R. Zak, L. A. Vorontsova. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:93-98 Ji '64.

Effect of blocked protein synthesis produced by levomycetin on the development of T₂-phage in induced lysogenic culture. S. S. Belokrysenko. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:20-24 Ji '64.

Phage typing of staphylococci isolated from children with pneumonia. Iu. V. Diachenko. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:84-87 Ag '64.

Phagolysis in *Micropolysepa*. L. V. Kalakutskii, E. A. Bakova. *Mikrobiologiya* 35 no. 2:287-290 Mr-Apr '66.

Simple-structure media for the preservation of typhoid cultures subject for phage typing. B. V. Karal'nik, N. V. Kolubakina. *Lab. delo* no. 4:238-241 '66.

Slow isotopic hydrogen exchange in DNA of the T₂ phage. L. A. Osterman and others. *Biokhimiya* 31 no. 2:339-404 Mr-Apr '66.

Specificity of DNA-methylase in the cells of *Escherichia coli* B, infected with phage T₂. R. B. Khosin, E. S. Bogdanova. *Biokhimiya* 31 no. 2:405-414 Mr-Apr '66.

Structure of *Bacillus subtilis* phages and lysogenesis of their host cells. R. R. Azizebekian and others. *Mikrobiologiya* 35 no. 2:279-286 Mr-Apr '66.

Study of the aggregation T₂-phage tail sheaths. B. F. Poglavov and others. *Biokhimiya* 31 no. 2:348-354 Mr-Apr '66.

Typing of *Brucella* isolated in the southwestern part of the Russian Federation. G. A. Balandina, N. P. Prostolova, Z. P. Moskalenko. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:11-15 Ji '64.

BACTERIOSTASIS

Structure and bacteriostatic activity of isomeric chloro-4-aminobenzolines. L. S. Sokil, V. I. Blyznukov. *Farmatsev. zhur.* 19 no. 2:21-24 '64.

BAHDANOVICH, MAKSIM ADAMOVICH, 1891-1917

Lolka, A. A. Maksim Bahdanovich. Minsk [Navuka i tekhnika] 1966. 333 p.

BAIKAL LAKE REGION—SAWFLIES

Verzhutskii, B. N. [Symphyta of the Baikal Lake region] *Prikladnaya Pribalkaniya*. Moskva, Nauka, 1966. 161 p.

BAKERIES see subdivision under Kurganinsk District

BAKINSKIY ARCHIPELAGO—GAS, NATURAL—GEOLOGY

Prospects for finding oil and gas in the Bakinskiy Archipelago in the light of new data. A. A. Iakubov, A. K. Aliev, G. M. Usanov. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 3:29-36 '64.

BAKINSKIY ARCHIPELAGO—PETROLEUM GEOLOGY

Prospects for finding oil and gas in the Bakinskiy Archipelago in the light of new data. A. A. Iakubov, A. K. Aliev, G. M. Usanov. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 3:29-36 '64.

BAKU—COTTON MANUFACTURE

Manufactured from fabric savings. Musa Aslanli. *Shvein. prom.* no. 2:34-35 Mr-Apr '66.

BAKU—FORTIFICATIONS, OLD

New data on two medieval fortifications of Baku. O. Sh. Ismailov, G. A. Dzhalil. *Dokl. AN Azerb. SSR* 21 no. 12:66-72 '65.

BAKU—PETROLEUM REFINING

Automatic hydrofining of fuel fractions of Baku petroleum. S. A. Sultanov, M. A. Mardarov. *Azerb. neft. khoz.* 45 no. 4:31-32 Ap '66.

BAKU—RUSSIAN NEWSPAPERS

Maturity and youthful vigor of a newspaper. Elmira Aliyeva. *Sov. poch.* no. 5:45-47 My '66.

BAKU—RUSSIAN SOCIAL DEMOCRATIC PARTY

Kolesnikov, N. N. [Along the paths of the underground; reminiscences] *Po dorogam podpol'ia; iz vospominanii*. Baku, Azerneshtur, 1966. 310 p.

BAKU—TYPHUS FEVER

Clinical and laboratory characteristics of endemic rat-borne typhus fever. A. G. Mekhlizade. *Azerb. med. zhur.* 42 no. 5:50-63 My '65.

BAKURIANI (GEORGIA)—ECONOMICS, MATHEMATICAL—STUDY AND TEACHING

Mathematical economics school in Bakuriani. B. I. Alekhov. *Ekon. i mat. metod.* 2 no. 3:168-170 My-Je '66.

BALANCING OF MACHINERY

Balancing in assembling units of high-precision machine tools. A. I. Gurevich, D. A. Nys, A. G. Pavlov. *Stav. i instr.* 37 no. 5:32-33 My '66.

Dynamic balancing of a V-shaped eight-cylinder engine during assembly. G. I. Dzenkovich, F. M. Kalashnikov, P. E. Syrkina. *Avt. prom.* 32 no. 4:3-6 Ap '66.

Using balancing machines with movable supports for balancing flexible rotors having three concentrated masses. N. M. Matuzko, M. D. Fursov. *Mashinostroyeniye* no. 3: 50-57 '66.

BALKAN MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

Urgon complex from the middle and eastern parts of the Balkan Mountain region. Z. M. Atanasova-Decheva. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 2:48-56 Mr-Apr '66.

BALKHASH LAKE REGION—PORPHYRY

Comparative characteristics of the granite porphyries of the Kaldyrinsk and Dzhankoytagolinsk complexes in the northern part of the Lake Balkhash region. R. N. Salayev, I. F. Livanits, M. U. Shupkov. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 2:57-61 Mr-Apr '66.

BALL BEARINGS

Determining the coefficient of resistance of ball bearings. V. P. Bel'tikov. *Izv. vuz. ucheb. zav. i mashinost.* no. 2:54-59 '66.

BALLENY ISLANDS REGION—WHALES

Body proportions of whales in the Balleeny Islands region of Antarctica. H. P. Golubovskii. *Zool. zhur.* 45 no. 5: 781-784 '66.

BALLET see subdivision under Leningrad

BALISTOCARDIOGRAPHY

Ballistocardiographic data in the evaluation of the functional state of the heart in workers in hot workshops. B. I. Bluk. *Sov. med.* 28 no. 8:137-141 S '64.

Ballistocardiography in patients with combined mitral, aortic and tricuspid stenosis before and following surgery. K. A. Sergeeva, B. M. Kontuchenko. *Kardiologiya* no. 5: 11-15 '64.

Effect of health resort treatment on electrocardiographic and ballistocardiographic indices in atherosclerotic cardiocirculation. M. N. Petukovskii. *Sov. med.* 28 no. 9:34-37 S '64.

Use of sodium glucose diphosphate on patients with mitral defects. E. G. Burmonko, K. A. Sergeeva. *Kardiologiya* 4 no. 2:70-72 Mr-Apr '64.

BALTIC ECONOMIC REGION—CHEMICAL INDUSTRIES—MATHEMATICAL MODELS

Economic-mathematical model for the selection of the optimal variant of the utilization of fuel and chemical raw materials in an economic region. I. Z. Kaganovich. *Trudy LIEI* no. 56:43-47 '66.

BALTIC ECONOMIC REGION—POWER RESOURCES—MATHEMATICAL MODELS

Economic-mathematical model for the selection of the optimal variant of the utilization of fuel and chemical raw materials in an economic region. I. Z. Kaganovich. *Trudy LIEI* no. 56:43-47 '66.

BALTIC REGION—COINS

Fedorov, D. Ia. [Baltic region coins from the 13th through the 18th century; a guide to the coinage] *Monety Pribaltiki XIII-XVIII stoletii; opredelitel' monet. Kommentarii i dopolneniia A. Moivyghna*. Tallin, Valgus, 1966. 421 p.

BALTIC REGION—DESCRIPTION AND TRAVEL

Gintarinis pajuris. The Amber coast. Vilnius, Mintis, 1965. 1 v. illus. [In 6 languages]

BALTIC SEA—WORLD WAR, 1939-1945—AMPHIBIOUS OPERATIONS

Landing on Bornholm Island. A. Bagov. *Voen.-ist. zhur.* 8 no. 5:27-39 My '66.

BALTIC SEA REGION—GEOLOGY, STRUCTURAL

Recent crustal movements in the Baltic region. Yu. Yu. Randlar. *Dokl. AN SSSR* 168 no. 2:412-415 My '66.

BALTIC SHIELD—GEOLOGY, STRUCTURAL

Subsurface structure of the Baltic Shield based on data of geophysical studies. L. E. Shustova. *Sov. geol.* 9 no. 5:47-57 My '66.

BALTIC STATES—PLANTS, PROTECTION OF— CONGRESSES

Fifth conference of Baltic countries. V. Slauts. Zashch. rast. 11 no. 4:53 '66.

BANACH SPACES

Scales of Banach spaces. S.G. Krein, I.U.I. Petelin. Usp. mat. nauk. 21 no. 2:89-168 Mr-Apr '66.

BANDAGES AND BANDAGING

Elastic bandage from polyvinyl alcohol. I. Kh. Givorkian. Khirurgiia 42 no. 2:72-74 P '66.

BANKING LAW

Economic reform and the legal forms of credit relations between the State Bank and industrial enterprises. M. L. Rogan. Sov. gos. i pravo 36 no. 5:24-30 My '66.

BANKS AND BANKING

(see also subdivision under Liha)

Along the Lenin path. Den. i kred. 24 no. 5:3-7 My '66. The bank and the collective farm. Den. i kred. 24 no. 5: 41-57 My '66.

In the Board of Directors of the State Bank of the U.S.S.R. Den. i kred. 24 no. 5:85-94 My '66.

Review of readers' letters. Den. i kred. 24 no. 5:61-66 My '66.

Verification of documentation on construction. A. Pozdnia- kov. Den. i kred. 24 no. 5:67-71 My '66.

The work of banks under new conditions. I. Chernov. Komsomolst 43 no. 8:94-98 My '66.

BANKS AND BANKING—MANAGEMENT

Management procedures and currency circulation. A. S. Solov'ev. Ekon. i mat. metod. 2 no. 3:369-369 My-Je '66.

BANKS AND BANKING, CENTRAL see subdivision under Africa, West

BANZAROV, DORZHI, 1822?-1855

Shofman, A. S. [The Kazan period of the life and work of Dorzhi Banzarov] Kazanski period zhizni i deiatel'nosti Dorzhi Banzarova. Ulan-Ude, Berlat-Mongol'skoe izd-vo, 1956. 162 p. (InU)

BAPTIDANOV, LEV NIKOLAEVICH, 1905-1966

Lev Nikolaevich Baptidanov, obituary. Elek. sta. 37 no. 3:98 Mr '66.

BAPTISTS

(see also subdivision under Donets Basin; Zaporozh'ye) Nadol'ski, R. V. [What god the Baptists worship] Iako- mu bol'mu paklanialutsia baptisty. Minsk, Belarus', 1966. 31 p. (Biblioteka teista)

News from the parishes. Brat. vest. no. 6:75-79 '65.

The 60th birthday of Sergei Petrovich Fadinskii, candi- date for membership in the All-Union Council of Evangelical Christians and Baptists. Brat. vest. no. 6: 72-73 '65.

To all parishes of Evangelical Christians and Baptists in the U.S.S.R. Brat. vest. no. 6:5-6 '65.

BAPTISTS—RELATIONS

Communion of the children of God. Brat. vest. no. 6: 27-32 '65.

Congratulatory letters and telegrams on the occasion of the 80th birthday of I. A. I. Zhidkov, President of the All-Union Council of Evangelical Christians and Baptists. Brat. vest. no. 6:14-25 '65.

To all my friends. I. A. I. Zhidkov. Brat. vest. no. 6: 27 '65.

Unforgettable journey. Douglas Hicks. Brat. vest. no. 6:25-27 '65.

BARANOVICH—CLOTHING INDUSTRY—ACCOUNTING

Accounting for the wages in clothing production. I. Beloh- zhetskii. Bakhg. uch. 21 no. 12:44-46 D '64.

BARANSKII, NIKOLAI NIKOLAEVICH, 1881-1963

Meeting devoted to the memory of N. N. Baranskii and N. N. Kolosovskii. V. G. Krut'kov. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:83-84 Mr-Apr '65.

BARBITAL

Photoelectrocolorimetric determination of barbitol in mixtures with bromisoval and amidopyrine. V. I. Popova, V. P. Kramarenko. Farmatsev. zhur. 21 no. 2:27-31 '66.

BARBITURIC ACID

Identification of some derivatives of barbituric acid by the crystalloscopic method. V. O. Chubenko. Farmatsev. zhur. 19 no. 2:63-73 '64.

BARGES—TECHNOLOGICAL INNOVATIONS

Saddled storeroom. R. Shakhmazarlan. Izobr. i rats. no. 3:18-17 Mr '66.

BARITE

Preparing low-sulfur fluorite concentrates. A. V. Fat'ia- nov and others. TSvet. met. 39 no. 5:8-9 My '66.

BARITE—TESTING

Anisotropy of the microhardness of barite and topaz. I. U. S. Bol'shaia, M. I. Vaitkovskii, R. P. Zhitaru. Min. shor. 19 no. 2:236-240 '65.

BARIUM

Accelerated method for determining barium and zinc in additives and oils with additives. N. M. Shestakova, Z. P. Toporova. Neftepr. i neftekhim. no. 5:16-18 '66.

BARIUM—ANALYSES

Method of determining barium in lubricants with additives. N. S. Churilin, S. P. Perfilova. Elek. i tepl. tuga 10 no. 1:30-31 Ja '66.

BARIUM OXIDE

Reaction of rare-earth oxides with barium oxide. L. M. Lopato, Z. A. Iarenenko, S. G. Tresvatskii. Ukr. khim. zhur. 32 no. 5:437-439 '66.

BARIUM SALTS

Enthalpy of dissolution of barium chloride and perchlo- rate in water. A. F. Vorob'ev and others. Zhur. neorg. khim. 11 no. 4:738-741 Ap '66.

BARIUM TITANATE CRYSTALS

Anomalous temperature shift of the fundamental absorption edge in BaTiO₃ single crystals in the phase transition region. K. A. Verkhovskii, V. M. Fridkin. Fiz. tver. tela 8 no. 5:1620-1621 My '66.

BARLEY—DISINFECTION see subdivision under Voronezh Province

BARLEY—FERTILIZERS AND MANURES

Distribution of basic nutrients on the profile of soil and factors determining it. A. S. Alor. Agrokhimia no. 5:99-106 My '65.

BARLEY—VARIETIES

Use of the resistance formula in evaluating the stability of spring barley varieties against lodging. L. S. Zeni- sheva, I. A. Lekesh. Vest. sel'khoz. nauk 11 no. 4:120-123 Ap '66.

BARLEY BREEDING

Development of a hybrid caryopsis in cut barley ears. G. U. Iltisov. Vest. sel'khoz. nauk [Kazakh.] 9 no. 4:116-118 Ap '66.

BARNAUL—MEDICINE, INDUSTRIAL

In cooperation with progressive workers. Okhr. truda i sots. strukh. 8 no. 3:20-20 Mr '65.

BARRELS

M-24 semiautomatic stationary installation for washing barrels. I. S. Kantor, V. E. Aglit'skii. Transp. i khran. nefi i nefteprod. no. 5:15-20 '66.

Mobile installations for mechanical flushing of petroleum products barrels. P. Kh. Marichenko. Transp. i khran. nefi i nefteprod. no. 5:21-26 '66.

BARS (ENGINEERING)

Pressure of a cylindrical bar on a support in case of a small gap between the support and the bar. B. S. TSfas, N. V. Frolov. Izv. vys. ucheb. zav. i mashinostr. no. 2: 40-54 '66.

BARS (ENGINEERING)—TESTING

Checking the hardness of rods on the EM-D-3 equipment. L. P. Karpov. Defektoskopiia 2 no. 2:92-93 '65.

BARS (ENGINEERING)—THERMAL PROPERTIES

Unsteady heat conductivity of a thin bar with a uniformly moving melting boundary or heat-insulation boundary. G. G. Golov. Izv. -fiz. zhur. 10 no. 5:660-667 My '66.

BARSA-KEL'MES PRESERVE—SAIGA

Height, color, and molting of the winter coat of saiga. V. L. Rasl'uk. Zool. zhur. 45 no. 4:624-628 '66.

BARTO, AGNIA L'VOVNA, 1906-

Anniversary of Agnia Barto. Doshk. vosp. 39 no. 4: 83 Ap '66.

BASALT

(see also subdivision under Indian Ocean; Karabau Valley)

Fusion and crystallization of basalt with some additions. N. M. Pavlushkin, S. A. Kamalian. Trudy MKHTI no. 45:160-164 '64.

BASE-EXCHANGING COMPOUNDS

Some characteristics of the catalytic polymerization of 2-methylbutene-2 and 2-methylbutene-1 in the presence of a sulfo phenol formaldehyde KU-1 cation exchanger. N. G. Polianskii, P. E. Tulupov. Nefte- khimii 4 no. 0:860-862 N-D '64.

BASEMENTS—SANITATION

Hygienic evaluation of basement apartments. K. Filippov- skaiia, P. Kirillova. Zhil. stroi. no. 8:26-27 '64.

BASHKIRIA—GUIDEBOOKS

[Guidebook through Bashkiria] Putevoditel' po Bashkirii. Ufa, Bashkirskeoe knizhnoe izd-vo, 1965. 499 p.

BASHKIRIA—OIL WELL DRILLING

[Problems of deep drilling technology] Voprosy tekhnol- ogii provodki glubokikh skvazhin; sbornik statei. Ufa, Bashkirskeoe knizhnoe izd-vo, 1963. 98 p.

BASHKIRIA—OIL WELL PUMPS

Mishchenko, I. T., and N. Kh. Shammassov. [Electric co- tri-fugal pumps in Bashkir fields] Pogruzhnye tsentro- bezhnye elektronosy na promyslakh Bashkiri. Ufa, Bashkirskeoe knizhnoe izd-vo, 1963. 72 p.

BASHKIRIA—PETROLEUM PRODUCTION

Kazakov, I. U. N., and others. [Remote control of the equipment operated by the office of reservoir pressure maintenance in petroleum production] Telenekhaniza- tsia ob'ektov tekhn. podderzhanii plastovogo davleni- v nefedobyche. Ufa, Bashkirskeoe knizhnoe izd-vo, 1963. 118 p. diagrs. (insert)

BASICITY

Rapid method of determining the basicity of blast-furnace slags. M. I. Slezinger, V. A. Popov. Zav. lab. 32 no. 1: 23 '66.

BASILAR ARTERY—DISEASES

Clinical electroencephalographic examination of patients with various lesions of the vertebrobasilar system. V. Chukinova, M. V. Vereshchagin, V. M. Saizkina. Vest. AN SSSR 21 no. 5:36-41 '66.

BATHS, MEDICATED

(see also subdivision under Matsista, Krasnodar Territory; Ust' Kachka, Perm Province)

Use of various baths in the treatment of atherosclerosis of the coronary vessels. L. A. Turen'ova and others. Vop. kur. i fizioter. i lech. fiz. kul't. 20 no. 5:464-465 S-O '64.

BATHS, MOOR AND MUD

(see also subdivision under Golaya Pristan', Ukraine)

Bathological treatment of elderly patients with dystrophic (noninfectious) lesions of joints. M. N. Syrochekovskii, Trudy MOIP, Otd. biol. 17:216-225 '66.

BATS see subdivision under Turkmenistan

BAUXITE—ANALYSIS

Beryllium in bauxites. V. N. Lavrenchuk, E. K. Nikhilov. Geokhimiia no. 7:650-653 Ji '64.

BAYSUNTAU—OSTRACODA, FOSSIL

New species of Lower Kellaway Ostracoda in the south- western spurs of the Clascar Range (Baysuntau). Izv. geol. zhur. 10 no. 2:17-35 '66.

BAZIN, ANDRE, 1918-

Andre Bazin and "the aesthetics of noninterference." V. Boshlovich. Vop. kinodram. no. 5:303-310 '65.

BEAMS AND GIRDERS

Calculation of higher tones of natural vibrations of beams having little-changing characteristics in length. A. V. Bulagin, B. F. Ivanov. Izv. vys. ucheb. zav. i av. tekhn. 9 no. 1:47-53 '66.

Carrying capacity and deformability of prestressed flexible steel beams. P. Silko. Prom. stroi. i l'zhi. skor. 6 no. 4:37-42 Ji-Ag '64.

Determining stresses and deformations in the section of a beam under combined loading considering the actual diagram (r, l). V. P. Kotomets. Izv. vys. ucheb. zav. i av. tekhn. 9 no. 1:63-72 '66.

Effect of weld deformations on the performance of beams reinforced under a load. M. I. A. Shupel'skii. Izv. vys. ucheb. zav. i stroi. i arkhit. 9 no. 2:50-57 '66.

Increasing the dynamic rigidity of an elastic structure by means of automatic control. V. I. Merkulov, I. T. Selezov. Prikl. mekh. 2 no. 5:90-94 '66.

Some problems in calculating girders with rigid fastening of elements in units. A. I. A. Glushankov. Trudy MIT no. 194:191-201 '66.

Stability of an elastic beam connected on one side with an elastic foundation. A. I. Zaidenberg. Izv. vys. ucheb. zav. i stroi. i arkhit. 9 no. 2:50-57 '66.

Stress at beam ends from preliminary pressing. V. D. Rybin. Trudy MIT no. 194:179-190 '66.

Stresses in a beam caused by a single-acting momentary impulse considering the effect of internal friction, deformations from shearing, inertia of rotation and impulse distribution by the length of the beam. A. S. Arkhipov. Trudy MIT no. 225:33-56 '66.

BEAMS AND GIRDERS—VIBRATION

Design of an equistressed and equistable beam subjected to longitudinal vibrations. I. D. Sofronov. Izv. vys. ucheb. zav. i mashinostr. no. 3:9-18 '66.

Free vibrations of a short elastically clamped bracket. A. D. Lazarev, G. N. Safulina. Izv. vys. ucheb. zav. i mashinostr. no. 3:5-8 '66.

BEAMS AND GIRDERS—VIBRATION (Continued)

Natural bending and torsional vibrations of a free beam of variable mass and rigidity under concentrated loads. K. A. Kukhta. *Dokl. AN USSR* no. 4:441-448 '66.

BEANS

Effectiveness of mixed bean and pea seedlings. N. A. Shpakova. *Uch. zap. Vitebsk. vet. inst.* 10:116-121 '64.

BEANS—DISEASE AND PEST RESISTANCE

(see also subdivision under Leningrad Province)

Resistance of forage beans to ascochyta blight. E. V. Lashman. *Zap. LSKH* 93:134-137 '65.

BEANS—DISEASES AND PESTS

Resistance of different bean varieties to mosaic virus. P. F. Baranova. *Mikrobiol. zhur.* 28 no. 2: 57-62 '66.

BEANS AS FEED

Studying the digestibility and nutritive value of forage bean meal for swine. A. P. Shpakov. *Uch. zap. Vitebsk. vet. inst.* 10:89-92 '64.

BEARING INDUSTRY

Methods for preparing ball billets and their durability in bearings. L. A. Glender, P. I. Lashchitsyn. *Prom. Bel.* 9 no. 1:20-23 Ja '66.

Production and use of a three-metallic band with a cement sublayer for crankshaft bearings of hopped-up motor vehicle engines. V. V. Saklinskiy, S. B. Gorkina, V. P. Pshemov. *Avi. prom.* 32 no. 4:42-43 Ap '66.

BEARINGS (MACHINERY)

Antifriction pseudolloys for motor-vehicle and tractor engine bearings. P. I. Zemskov and others. *Izv. vys. ucheb. zav.; mashinost.* no. 11:91-97 '64.

Causes of damage to an AT-25 turbine thrust bearing. L. P. Serezhkina, A. I. Panfilova. *Elek. sta.* 37 no. 3: 79-82 Mr '66.

Effect of geometrical parameters on the performance of a bearing with a floating bushing. A. G. Burgvits, G. A. Zavrulov, A. L. Tevelev. *Izv. vys. ucheb. zav.; mashinost.* no. 2:60-66 '66.

Life durability of porous bearings depending on the kind of impregnating lubricants. V. D. Zozulia. *Torosh. met.* 6 no. 5:103-106 My '66.

Measuring the force acting on the thrust bearing of the propeller shaft during the operation of the ship. K. Nebesov. *Mor. flot* 24 no. 1:30-31 Ja '64.

Using the load vector diagram in analyzing the load carrying capacity of sliding bearings. V. I. Petrovskiy. *Avi. prom.* 32 no. 5:6-8 My '66.

BEARINGS (MACHINERY)—LUBRICATION

Calculating the carrying capacity of lubricated bearings of rolling mills. A. A. Korolev. *Izv. vys. ucheb. zav.; mashinost.* no. 2:133-138 '66.

Hydrodynamic pressure in the loaded part of sliding bearings lubricated with nitric acid. L. I. Mamont, D. V. Galvets. *Khim. mashinost.* no. 2:20-25 '65.

BEARINGS (MACHINERY)—MAINTENANCE AND REPAIR

Repairing bearing seats using epoxy resins. S. Fesenko, V. Berezin. *Tekhn. sel'khoz.* 26 no. 4:64-66 Ap '66.

BEARS see subdivision under Darwin Preserve; Soviet Far East

BEAUVERIA—TOXICOLOGY

Beauverin in controlling the Colorado beetle. A. Sikura, A. Smetnik. *Zashch. rast.* 11 no. 5:51-52 '66.

BEBEL, AUGUST, 1840-1913

Great heritages. Paul Schütz. *Sov. profsci. zu* 22 no. 9:36-39 My '66.

BECHER, JOHANNES ROBERT, 1891-1959

Citizen of the twentieth century. V. Luk'yanova. *Rad. lit.* 10 no. 5:37-55 My '66.

BEDNYI, DEM'IAN, 1883-1945

Pridvorov, D. E., and A. V. Prilamkov, comp. [Recollections on Dem'ian Bednyi] *Vospominaniya o Dem'iane Bednom.* Moskva, Sovetskii pisatel', 1966. 430 p.

BEEF CATTLE

Improvement of the methodology of studying the meat quality of cattle. V. A. Sokolov. *Vet. sel'khoz. nauki* [Kazakh.] 9 no. 4:24-27 Ap '66.

Use of pregnant mare's blood to stimulate the fattening of animals and the effect of pregnant mare's serum on the thyroid gland of castrated guinea pigs. G. A. Cherenishov. *Veterinariia* 43 no. 5:62-65 My '66.

BEEF CATTLE—GRADING AND STANDARDIZATION

What requirements toward standards for cattle should be like. N. Smirnit'skaya, S. Karavaeva. *Zakup. sel'khoz. prod.* no. 4:33-35 Ap '66.

BEES

Transistorized device for signaling the swarming of bees. I. Glyzin. *Radio* no. 4:53-55 Ap '66.

BEES—DISEASES AND PESTS

Laboratory diagnosis of infectious bee diseases. N. I. Smirnova. *Veterinariia* 43 no. 5:100-104 My '66.

BEESSWAX—MICROBIOLOGY

Prevent the spreading of foulbrood through foundation factories. A. M. Smirnov. *Veterinariia* 43 no. 5:92-94 My '66.

BEETHOVEN, LUDWIG VAN, 1770-1827

Goldenzel'er, A. B. [Beethoven's thirty-two sonatas; commentaries on performance] *Tridtsat' dve sonaty Beethovena; Ispolnitel'skie kommentarii.* Sost. red., avtor stat'i D. Blagol. Moskva, Muzyka, 1966. 287 p.

BETTES

Changes in the diurnal activity of *Opatrum sabulosum* L. during one season. V. A. Minorskiy. *Zool. zhur.* 45 no. 5:667-674 '66.

BELETSKI, VIACHESLAV KONSTANTINOVICH, 1896-

Viacheslav Konstantinovich Beletskiy, on his 70th birthday. *Ark. pat.* 28 no. 4:83 '64.

BELGOROD DISTRICT—COOPERATIVE SOCIETIES—MANAGEMENT

Concerns of the new administration. N. Pashnev. *Sov. potreb. koop* 10 no. 5:15-17 My '66.

BELGOROD PROVINCE—SUGAR INDUSTRY—TECHNOLOGICAL INNOVATIONS

Belgorod section of the Scientific and Technical Society of the Sugar Industry strives for technological progress. N. I. Ignatenko. *Sakh. prom.* 40 no. 5:13-16 My '66.

BELTS AND BELTING

Akademiia nauk SSSR. Nauchnyi sovet po teorii mashin i rabochikh protsessov. [Transmission mechanisms] Peredatchnye mekhanizmy; sbornik statei. Pod red. V. F. Mat'iseva. Moskva, Mashinostroenie, 1966. 335 p.

Strength of plastic pulleys of V-belt transmissions. A. D. Korob, V. N. Kestel'man. *Izv. vys. ucheb. zav.; mashinost.* no. 11:61-67 '64.

Ways to increase the strength of the joints of conveyor belts operating under conditions of increased load and speeds. B. N. Teverovskaya and others. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:159-161 '66.

BELTS AND BELTING—TESTING

Use of breaking machines with pendulum dynamometer in testing stress relaxation in conveyor belt samples. A. M. Kucherskiy, V. D. Sokol'skaya, V. V. Kovalenko. *Kauch. i rez.* 25 no. 5:50-51 '66.

BENTHOS see subdivision under Uss'-Kamenogorsk Reservoir

BENTONITE

Expansion of bentonite. N. S. Manuilova, S. M. Sukhanova, V. P. Varlamov. *Sbor. trud. VNIISTROM* no. 5:66-85 '65.

Supplying briquet plants with bentonite. L. F. Kumin and others. *Obog. rud.* 12 no. 1:32-35 '66.

Use of askanol and cherkanol for the preparation of emulsion-type ointments and of complex dispersed systems and their concentrates. I. A. Muravlev, M. A. Zharkova. *Apt. delo* 15 no. 2:32-33 Mr-Ap '66.

Using bentonite in the production of iron castings. V. T. Kartashov. *Ist. proizv.* no. 2:33-34 F '64.

BENUA, FEDOR FRANTSEVICH, 1906-

Fedor Frantsevich Benua; on the occasion of his 60th birthday. *Avtom. svar.* 19 no. 4:80 Ap '66.

BENZENE

Investigating the activity of spent P-1 catalyst used in the dehydrogenation of ethylbenzene. V. P. Svatikov, R. M. Sadykhova, L. G. Kononova. *Azerb. neft. khim.* 45 no. 4:35-36 Ap '66.

Kinetics of benzene hydrogenation on nickel. Part 1: Reactions in the kinetic region. I. U. S. Snagovskii, G. D. Liubarskiy, G. M. Ostrovskii. *Kin. i kat.* 7 no. 2:258-265 Mr-Ap '66.

Synthesis on the base of benzene polychlorides. Part 2. Preparation of the products of chloromethylation of *n*- and *o*-dichlorobenzenes and their derivatives. A. A. Spiryakov, B. P. Smirnov. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:58-62 '66.

BENZENE, EFFECT OF RADIATION ON

Determination of the radiation yield of triplet molecules in benzene radiolysis. L. I. Samokhvalova, V. A. Krongauz. *Dokl. AN SSSR* 168 no. 1:164-167 My '66.

BENZENE DERIVATIVES

Highly unsaturated polymers. Report No. 17: Synthesis of mono- and diethynyl vinyl derivatives of benzene and their oxidative condensation. I. L. Kolliarevskii, M. I. Burdumova, T. G. Shishmakova. *Izv. AN SSSR, Ser. khim.* no. 5:900-914 '66.

Vapor-phase oxidation of partially hydrogenated derivatives of benzene. A. Kh. Sharipov, T. M. Khamanov. *Kin. i kat.* 7 no. 2:340-342 Mr-Ap '66.

BENZENE DERIVATIVES—OPTICAL PROPERTIES

Relationship between the spectral parameters of some *p*-substituted benzenes and ϵ -constants. N. G. Buldshiev, G. V. Saldov. *Dokl. AN SSSR* 168 no. 1:120-121 My '66.

BENZENEARSONIC ACID

Photometric method of determining uranium in natural waters by means of arsenazo III. A. A. Nemodruk, R. R. Deberdeeva. *Radiokhimiia* 8 no. 2:248-251 '66.

Reaction of trivalent hexavalent plutonium with arsenazo III. A. A. Nemodruk, N. E. Kochetkova. *Zhur. anal. khim.* 21 no. 4:427-432 '63.

BENZENEDISULFONIC ACID

Complex formation of hafnium with iron. N. B. Kalinchenko and others. *Zhur. neorg. khim.* 11 no. 4:781-785 Ap '66.

BENZILIC ACID

Photocolorimetric method of determining amygdal medicinal forms. M. P. Lavorskiy, V. I. Starostchenko, Farmatsev. *Zhur.* 20 no. 3:28-33 '65.

BENZIMIDAZOLE

Differential thermal analysis method of studying the heat resistance of some new polybenzimidazoles containing O, P, B, atoms in chains and also mixed polyamide- and polyetherbenzimidazoles. V. V. Korshak and others. *Vysokom. soed.* 8 no. 5:777-782 My '66.

BENZIMIDAZOLE—PHYSIOLOGICAL EFFECT

Increase in the cell resistance of certain frog tissues after the injections of vitamin B12, dimedazole and dibazol. E. N. Andreeva and others. *Tsitologia* 6 no. 4:444-448 Ji-Ap '64.

BENZOIC ACID

Pharmacology of esters of *N, N*-dimethyl-*p*-sulfamido-benzoic acid. I. I. Kravtchenko. *Farm. i toks.* 29 no. 2:163-167 Mr-Ap '66.

BENZOIC ACID—PHYSIOLOGICAL EFFECT

Effect of phenacetine and forasolone on normal hemopoiesis and transplantable leukemias in animals. I. I. Zaretskiy, E. I. Khomichenovskiy, G. S. Smirnova. *Pat. izob. i eksp. terap.* 10 no. 3:77-79 Mr-Ap '66.

BENZONITRILE

Mechanism of benzonitrile polymerization. V. P. Zolov and others. *Vysokom. soed.* 8 no. 5:795-799 My '66.

BENZOPYRILUM COMPOUNDS

Perchloric acid and its compounds as catalysts in organic synthesis. Part 24: Synthesis of 1- and 3-methoxyphenyl derivatives of 5, 6, 7, 8-tetrahydro-2-benzopyrilylum. G. N. Dorofeevskiy, G. P. Safarin, V. I. Dulenko. *Zhur. ob. khim.* 36 no. 5:811-815 My '63.

BENZYLAMINE

Mechanism of the inhibitory activity of pargyline in mitochondrial monoamine oxidases. I. V. Vina and others. *Biokhimiia* 31 no. 2:282-290 Mr-Ap '66.

Reaction of diethyl acetal of α -oxybutyraldehyde with ammonia and benzylamine. B. K. Kozyrkin, L. A. Ivanovskaya, V. F. Kucherov. *Izv. AN SSSR, Ser. khim.* no. 5:919-920 '66.

BERENIL

Testing the therapeutic effectiveness of berenil in babesiasis of cattle in White Russia. E. V. Petrova, M. G. Kubasova. *Uch. zap. Vitebsk. vet. inst.* 18:245-252 '64.

BERING SEA—FISHERIES

[Resources of the Bering Sea; commercial fishes of the continental slope, their catching and processing] *Dogatsiya Beringova morka; promyslovye ryby morskogo sklonu, ikh lov i obrabotka.* Vladivostok, Dal'nostochnoe kakhoe izd-vo, 1965. 74 p. (Biblioteka rybaka)

BERNINI, GIOVANNI LORENZO, 1598-1680

[Lorenzo Bernini; the reminiscences of his contemporaries. Translated from the Italian and French] *Bernini, Lorenzo; vospominaniia sovremennikov.* Moskva, Iskustvo, 1965. 300 p.

BERRIES

Antimicrobial properties of some berries; survey. S. I. Zolopuchina. *Vop. pit.* 23 no. 4:79-81 Ji-Ag '64.

Gardener's calendar. *Zashch. rast.* 11 no. 4:43-44 '66.

BERRIES—DISEASES AND PESTS see subdivision under Moldavia

BERYLLIUM

Beryllium diffusion into gallium arsenide. E. A. Paktorait, V. M. Stuchebnikov. *Fiz. tver. tela* 8 no. 3:963-965 Mr '66.

Beryllium in hausites. V. N. Lavrenchuk, E. K. Nikhalova. *Geokhimiia* no. 7:650-653 Ji '64.

Chemistry of beryllides. G. V. Samsonov. *Usp. khim.* 35 no. 5:779-822 My '66.

BERYLLIUM (Continued)

Novoselova, A. V., and L. R. Batsanova. [Analytical chemistry of beryllium] *Analiticheskaya khimiya berillia*. Moskva, Nauka, 1966. 221 p. (Series: "Analiticheskaya khimiya elementov")

BERYLLIUM CHLORIDE

Structure of a complex compound of beryllium chloride with diethyl ether and the nature of structure formation in its ether solutions. K. N. Semenenko, N. I. Turova. *Zhur. neorg. khim.* 11 no. 5:1009-1012 My '66.

BESSARABIA—AGRICULTURE

[Second glory of the Kotovskii-ites] *Vtoraia slava kotovskov*. Kishinev, Izd-vo Kartla moldovenavsko 1964. 140 p. (WU)

BESSARABIA—CITY PLANNING

Development of city planning in Bessarabia and in the Moldavian S.S.R. V. F. Smirnov. *Trudy Kish. politekh. inst.* no. 2:9-24 '64.

BESSEMER PROCESS

Loss of metal during its blowing with a fuel spray. S. S. Volkov and others. *Izv. vuz. ucheb. zav. i chern. met.* 9 no. 5:40-44 '66.

Turkovich, D. I. [Automatic control of the smelting process in oxygen-blown converters] *Avtomatizatsiya protsessov plavki v kislorodnom konverters*. [Moskva] Metallurgizdat, 1966. 134 p.

BESTUZHEV, NIKOLAI ALEKSANDROVICH, 1791-1855

Seaman, Decembrist, and historian of the Russian Navy. S. Peshchik. *Voen.-ist. zhur.* 8 no. 4:123-128 Ap '66.

BETA-RAY SPECTROMETER

Svartholm - Stigbahr type beta-rays spectrometer with controllable angular spacing between the source and the detector. B. V. Boyvkin, M. I. Babenkov. *Zhur. tekhn. fiz.* 36 no. 5:931-936 My '66.

BETA RAYS

Determining the ash content of coal based on reflected beta-ray emission. E. M. Filippov, G. A. Kuznetsov, V. G. Ruslaev. *Razved. i okh. nedr* 31 no. 9:36-38 S '65.

BETA RAYS—DECAY

Systematics of beta-decay energies and the properties of the energy surface of nuclei. N. N. Kolesnikov, A. P. Krylova. *Izv. vuz. ucheb. zav. i fiz.* 9 no. 2:31-42 '66.

BETATRON

Methodology of radiotherapy of cancer of the cardiac portion of the stomach on 25 Mev. betatron. B. A. Tsybul'skii, I. I. Kornev. *Med. rad.* 11 no. 1:3-8 Ap '66.

BEZMYANNYY VOLCANO—GEOLOGY, STRUCTURAL

Pneumatoglacial striation of the surface of blocks of the agglomerate flows of the Bezmyanny Volcano (Kamchatka). O. I. Syvatova, V. O. Iermakov. *Dop. AN URSSR* no. 4:515-518 '66.

BIBLIOGRAPHY

[Book chronicle] *Kritzh. let.* nos. 18, 22-23 '66. *Dopolnitel'nyi vypusk* no. 3 '66.

The books written by journalists. *Sov. pech.* no. 5:55 My '66.

[Chronicle of the publications of the White Russian S. S. R.] *Let. druku BSSR* no. 1 Ja '66.

For library readers and library workers. I. Zoreva. *Bibliotekar'* 43 no. 5:32-34 My '66.

Give more attention to bibliographical supplements to books. M. Bronshteyn. *V mire knig* 6 no. 4:41-42 Ap '66.

In the service of the five-year plan. O. Levshina, G. Shishko. *Bibliotekar'* 43 no. 5:4-8 My '66.

[Information index of bibliographical lists and card files] *Inform. ukaz. bibl. spis. i kart.* 10 no. 9 My '66.

Lietuvos TSR Mokslu akademija, Vilna. Centrine biblioteka. [Bibliography of publications of the Academy of Sciences of the Lithuanian S. S. R., 1963] *Lietuvos TSR Mokslu akademijos teidiniu bibliografija* 1963. Vilnius, 1965. 190 p. [In Russian and Lithuanian] (RPD)

[New books; bibliographical information weekly] *Nov. knigi; ezhened. inform.-bibl. zhur.* 11 no. 18 Ap '66.

[New books of the U. S. S. R.] *Nov. knigi SSSR* nos. 19-21, 23-25 My-Je '66.

[New literature on science and research abroad] *Nov. lit. o nauko i nauch.-issl. rab. za rub.* no. 3 '66.

[New Soviet literature on science and general research in the U. S. S. R.] *Nov. sov. lit. o nauko i nauch.-issl. rab. v SSSR* nos. 3-4 '66.

Reference apparatus of books. F. Zhevakhov. *Komm. Ukr.* 40 no. 5:68-71 My '66.

Their work is full of purpose. V. Ermolina. *Bibliotekar'* 43 no. 5:35 My '66.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran. Az. i Afr.* no. 4 '66.

BIBLIOGRAPHY—AGRICULTURAL CHEMISTRY

New books and articles on chemistry in agriculture. *Khim. v sel'khoz.* 4 no. 5:78-80 My '66.

BIBLIOGRAPHY—AGRICULTURAL WAGES

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. *Spravochno-bibliograficheskiy otdel*. [Material self-interest and its role in the development of socialist agriculture; a bibliographic list of Soviet literature for 1964-1965 comprising 548 items] *Material'naya zainteresovannost' i ee rol' v razviti i sotsialisticheskogo sel'skogo khoziaistva; bibliograficheskiy spisok otechestvennoy literatury za 1964-1965 gg. v kolichestve 548 nazvanii*. Moskva, 1966. 64 p.

BIBLIOGRAPHY—AGRICULTURE

[Agricultural literature of the U. S. S. R.] *Sel'khoz. lit. SSSR* no. 4 '66. *Imenno ukazatel'* za 1965 g.

Let us make wider use of unused potentialities. A. Minaev. *Bibliotekar'* 43 no. 5:9-11 My '66.

[New foreign books. Series V: Biology, medicine, agriculture] *Nov. knigi za rub. Ser. V: Biol., med., sel'khoz.* 10 no. 5 My '66.

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography] *Nov. inostr. lit. po ist., arkheol. i etn.* no. 4 '66.

[New Soviet literature on history, archaeology, and ethnography] *Nov. sov. lit. po ist., arkheol. i etn.* no. 4 '66.

BIBLIOGRAPHY—ARMIES—EQUIPMENT

Publishing houses and technology, 1966. *tekhn. i vooruzh.* 24 no. 1:82-93 Ja '66.

BIBLIOGRAPHY—ARMS AND ARMOR

Foreign literature on the history of arms. L. Tarasjuk. *Voen.-ist. zhur.* 8 no. 5:91-97 My '66.

BIBLIOGRAPHY—ART

[Literature and art of the peoples of the U. S. S. R. and foreign countries] *Lit. i isk. nar. SSSR i zarub. stran* no. 2 '66.

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran. Az. i Afr.* no. 4 '66.

BIBLIOGRAPHY—ATHEISM

[New Soviet and foreign literature on the problems of atheism and religion] *Nov. sov. i inostr. lit. po vop. ateiz. i rel.* no. 4 '66.

BIBLIOGRAPHY—BIOLOGY

[New foreign books. Series V: Biology, medicine, agriculture] *Nov. knigi za rub. Ser. V: Biol., med., sel'khoz.* 10 no. 5 My '66.

BIBLIOGRAPHY—BIONICS

Bogomolova, E. M., comp. [Bibliographical index] *Bibliograficheskiy ukazatel'*. Moskva, Ob-vo "Znanie" RSFSR, 1966. 40 p. (Bibliotekha "Novaya nauka; Bionika," no. 1)

BIBLIOGRAPHY—BULGARIA

[New literature on Bulgaria] *Nov. lit. po Bolg.* no. 4 '66.

BIBLIOGRAPHY—BURYAT A. S. S. R.

Ulan-Ude. Buriatskiy kompleksnyi nauchno-issledovatel'skiy institut. [Index to the publications of the Buryat Scientific Research Institute of the Siberian Department of the Academy of Sciences of the U. S. S. R. (1959-1962)] *Ukazatel' izdaniy Buriatskogo kompleksnogo nauchno-issledovatel'skogo instituta SO AN SSSR (1959-1962 gg.)*. Ulan-Ude, 1964. 93 p.

BIBLIOGRAPHY—CHEMISTRY

[Chemical information; classed index of articles in foreign periodicals] *Khim. inform. i sluzh. uk. st. v inostr. zhur.* nos. 3, 5, Mr, My '66.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

New books. *Zhur. anal. khim.* 21 no. 4:515 '66.

BIBLIOGRAPHY—COMMUNIST COMPETITION

Krasnodar. Kraevaya biblioteka. [Communism is created by the labor of millions; methodological and bibliographic materials for libraries as an aid to the development of the movement for communist labor] *Kommunizm sozdetsia trudom millionov; metodicheskoe i bibliograficheskoe materialy dlia bibliotek v pomoshch' razvitiu dvizheniia za kommunisticheskiy trud*. Krasnodar, Sovetskaya Kuban', 1964. 22 p. (CST-H)

BIBLIOGRAPHY—COMMUNIST PARTIES

Documents and articles on the history of the CPSU and the international communist and labor movements published in journals, studies, collections, and transactions in January 1966. *Vop. ist. KPSS* 10 no. 3:140-144 Mr '66.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Mikelniskaitė, P. [Belles lettres for students of the history of the CPSU a list of recommended literature] *Grozine literatūra studijuojantiems TSKP istorija; rekomenduojamosios literatūros rodyklė*. Vilnius, Lietuvos TSR Valstybine respublikine biblioteka, 1965. 116 p. [In Lithuanian]

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on Czechoslovakia] *Nov. lit. po Chekh.* nos. 4-5 '66.

BIBLIOGRAPHY—DIESEL LOCOMOTIVES

Russia (1923- U. S. S. R.) Ministerstvo putei soobshchenia. Tsentral'naya nauchno-tekhnicheskaya biblioteka. [Diesel-electric propulsion in the U. S. S. R. and abroad; a bibliographical index of Soviet literature for 1958-1964] *Teplotoznaya tiaga v SSSR i za rubezhom; bibliograficheskiy ukazatel' otechestvennoy literatury, 1958-1964 g.* Moskva, Transport, 1964. 166 p.

BIBLIOGRAPHY—DZHAILIL, MUSA, 1906-1944

Karimutdin, A. G., comp. [Musa Dzhailil; a bibliography, 1919-1961] *Musa Dzhailil; bibliografiya, 1919-1961*. Kazan, Nauchnaya biblioteka, 1961. 76 p.

BIBLIOGRAPHY—ECONOMICS

[New foreign books on the social sciences: economics, philosophy, history, international relations] *Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn.* 9 no. 5 My '66.

[New foreign economic literature] *Nov. inostr. ekon. lit.* no. 4 '66.

[New Soviet economic literature] *Nov. sov. ekon. lit.* no. 3 '66.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

Dissertations for the degree of candidate of technical sciences. A. S. Sergeev. *Elektrichestvo* no. 5:91-92 My '66.

BIBLIOGRAPHY—ELECTRONIC DIGITAL COMPUTERS

Bibliography on the automation of digital computer design. *Vych. sluzh.* no. 18:138-171 '65.

BIBLIOGRAPHY—EROSION

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. *Spravochno-bibliograficheskiy otdel*. [Soil erosion and its control; bibliographical list of Soviet literature for 1964-1965 comprising 327 items] *Erozii pochvy i bor'ba s nei; bibliograficheskiy spisok otechestvennoy literatury za 1964-1965 gg. v kolichestve 327 nazvanii*. Moskva, Vses. Akad. sel'khoz. nauk, 1965. 41 p.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] *Nov. inostr. lit. po ist., arkheol. i etn.* no. 4 '66.

[New Soviet literature on history, archaeology, and ethnography] *Nov. sov. lit. po ist., arkheol. i etn.* no. 4 '66.

BIBLIOGRAPHY—EUROPE, EASTERN

[New literature on the general problems of the European socialist countries] *Nov. lit. po obshch. probl. evrop. sts. stran* no. 4 '66.

BIBLIOGRAPHY—FISHERIES

Bibliography. *Irb. khoz.* 42 no. 3:91-96 '66.

Bibliography. *Irb. khoz.* 42 no. 4:95-96 '66.

BIBLIOGRAPHY—GERMANY, EAST

[New literature on the German Democratic Republic] *Nov. lit. po Ger. Dem. Resp.* no. 4 '66.

BIBLIOGRAPHY—HISTORIOGRAPHY

A bibliography of the history of Russian historiography is being prepared for publication. B. A. Kamenetskii. *Nov. i noveish. ist.* no. 3:184 '66.

BIBLIOGRAPHY—HISTORY

Foreign reviews of the works of Soviet historians. *Vop. ist.* 41 no. 5:186-197 My '66.

Historical articles in periodicals published in socialist countries. *Vop. ist.* 41 no. 5:189-190 My '66.

Historical articles published in Soviet periodicals. *Vop. ist.* 41 no. 5:174-178 My '66.

New books. *Vop. ist.* 41 no. 5:172-174 My '66.

[New foreign books on the social sciences: economics, philosophy, history, international relations] *Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn.* 9 no. 5 My '66.

BIBLIOGRAPHY—HISTORY (Continued)

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 4 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. no. 4 '66.

Works of the Institute of History published during the last 30 years. P. V. Pronina, N. A. Kravtsova. Nov. i noveish. ist. no. 3:193-194 '66.

BIBLIOGRAPHY—HUNGARY

[New literature on Hungary] Nov. lit. po Veng. no. 4 '66.

BIBLIOGRAPHY—INDUSTRIAL MANAGEMENT

Scientific organization of labor. The books which will be published in 1966. V mire knig 6 no. 4:12-13 Ap '66.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences: economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filoz., ist., mezhdunar. otn. 9 no. 5 My '66.

BIBLIOGRAPHY—KOLA PENINSULA—GEOLOGY

Akademii nauk SSSR. Kol'skii filial, Kirovsk. Biblioteka. [Kola Peninsula; a bibliographic index of Soviet literature, 1946-1955: Geology] Kol'skii poluostrov; bibliograficheski ukazatel' sovetskoi literatury, 1946-1955 gg.: Geologiya. Sost. L. B. Petrovskaya. Apatity, 1961. 46 p. (CU)

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics] Nov. inostr. lit. po laz. no. 4 '66.

[New Soviet literature on linguistics] Nov. sov. lit. po laz. no. 4 '66.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES—DICTIONARIES

Akademii nauk SSSR. Institut russkogoazyka. [A bibliographical index of dictionaries published in the U.S.S.R. in 1918-1962] Slovari, izdannye v SSSR; bibliograficheski ukazatel' 1918-1962. Moskva, Nauka, 1966. 231 p.

BIBLIOGRAPHY—LAW

New legal studies published in the U.S.S.R. Sov. gos. i pravo 36 no. 5:143-145 My '66.

BIBLIOGRAPHY—LITERATURE

[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit. i isk. nar. SSSR i zarub. stran no. 2 '66.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature] Nov. inostr. lit. po lit. no. 4 '66.

[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no. 4 '66.

BIBLIOGRAPHY—LUMINESCENCE

Akademii nauk SSSR. Sektor sel'skospisatel'nykh bibliotek. [Luminescence; a bibliographic index, 1947-1961] Liuminestsentsiya; bibliograficheski ukazatel', 1947-1961. Moskva, Nauka. Vol. 3. 1966. 273 p.

BIBLIOGRAPHY—MEDICINE

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel. khoz. 10 no. 5 My '66.

BIBLIOGRAPHY—METEOROLOGY, AGRICULTURAL

Literature on agrometeorology in 1965. Meteor. i gidrol. no. 5:59-61 My '66.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Studies on the history of wars and military art. Voen.-ist. zhur. 8 no. 6:110-116 Je '66.

BIBLIOGRAPHY—MILITARY HISTORY

Studies on the history of wars and military art. Voen.-ist. zhur. 8 no. 6:110-116 Je '66.

BIBLIOGRAPHY—MUSIC

[Chronicle of musical literature] Let. muz. lit. no. 1 '66.

BIBLIOGRAPHY—MYCOSES

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. Spravochno-bibliograficheski otdel. [Mycoses and mycotoxicoses in farm animals and poultry; a bibliographical list of Soviet literature for 1963-1965 comprising 186 items] Mikrozy i mikotoksikozy sel'skokhoziaistvennykh zhivotnykh i ptits; bibliograficheski spisok otechestvennoi literatury na 1963-1965 gg.; v kollektivnoe 186 nazvani. Moskva, 1966. 26 p.

BIBLIOGRAPHY—PATENTS

Moscow. Vsesoyuznaya patentno-tekhnicheskaya biblioteka. [Collections of patent literature of the All-Union Patent and Engineering Library; a reference guide] Fondy patentnoi literatury Vsesoyuznoi patentno-tekhnicheskoi biblioteki; spravka. Izd. 1. Moskva, TsNIPI, 1965. 155 p.

BIBLIOGRAPHY—PHARMACY

Bibliographical index of articles on problems of rationalization in the field of pharmacy. I. O. Minulovych. Farmatsev. zhur. 21 no. 2:91-95 '66.

BIBLIOGRAPHY—PHILOSOPHY

New books. Vop. filoz. 20 no. 5:181-183 '66.

[New foreign books on the social sciences: economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filoz., ist., mezhdunar. otn. 9 no. 5 My '66.

[New foreign literature on philosophy] Nov. inostr. lit. po filoz. no. 4 '66.

[New Soviet literature on philosophy] Nov. sov. lit. po filoz. no. 4 '66.

BIBLIOGRAPHY—POLAND

[New literature on Poland] Nov. lit. po Pol'. nos. 3-4 '66.

BIBLIOGRAPHY—POLAND—SOCIOLOGY

Polish literature on sociology, 1960-1964. K. Zagurak. Vop. filoz. 20 no. 4:178-182 '66.

BIBLIOGRAPHY—POLYPLOIDY

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. Spravochno-bibliograficheski otdel. [Polyploidy and its use in plant breeding; a bibliographic list of Soviet literature for 1963-1965 comprising 149 items and foreign literature for 1964-1965 comprising 135 items] Poliploidia i ee ispol'zovanie v selektsii rastenii; bibliograficheski spisok otechestvennoi literatury za 1963-1965 gg.; v kollektivnoe 149 nazvani i inostranoi literatury za 1964-1965 gg.; v kollektivnoe 135 nazvani. Moskva, 1965. 53 p.

BIBLIOGRAPHY—PRICES

Akademii nauk SSSR. Fundamental'naya biblioteka obshchestvennykh nauk. [Price determination in the national economy of the U.S.S.R. Price-determining factors. A bibliographic index of Soviet books and journals, as well as articles from "Pravda" and "Ekonimicheskaya gazeta" for 1960-1964] Tsenoobrazovanie v narodnom khoziaistve SSSR. Tsenoobrazovaniye fakto-ry. Bibliograficheski ukazatel' knizhnoi i zhurnal'noi sovetskoi literatury, a takzhe statei iz "Pravdy" i "Ekonimicheskoi gazety" za 1960-1964 gg. Moskva, 1966. 227 p.

BIBLIOGRAPHY—RADIO

Discussions for the degree of candidate of technical sciences. P. V. Kuznetsov. Izv. vuz. ucheb. zav.; radio-tekhn. 9 no. 2:276-283 Mr-Ap '66.

BIBLIOGRAPHY—RELIGION

[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. lit. po vop. ateiz. i rel. no. 4 '66.

BIBLIOGRAPHY—ROMANIA

[New literature on Romania] Nov. lit. po Rum. no. 4 '66.

BIBLIOGRAPHY—RUSSIA—ECONOMIC POLICY

Booklets on the reform of the national economy. Part. zhizn' no. 11:76-77 Je '66.

BIBLIOGRAPHY—RUSSIAN LANGUAGE

For those who study the Russian language. I. Litzogbova. V mire knig 6 no. 4:46 Ap '66.

BIBLIOGRAPHY—RUSSIAN LITERATURE

Brief book reviews. Oktiah' 42 no. 5:221-224 My '66.

BIBLIOGRAPHY—RUSSIAN PERIODICALS

The use of periodical publications. Komm. Ukr. 40 no. 5:71-73 My '66.

BIBLIOGRAPHY—SCIENCE

Bibliographic indexes of present-day scientific studies. O. A. Barykina. Nov. i noveish. ist. no. 3:192-193 '66.

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology, physical geography] Nov. knigi za rub. Ser. A 19 no. 5 My '66.

BIBLIOGRAPHY—SOILS

Bibliography. Pochvovedenie no. 5:121-130 My '66.

BIBLIOGRAPHY—TECHNOLOGY

[New foreign books. Series B: Technology] Nov. knigi za rub. Ser. B: Tech. 10 no. 5 My '66.

BIBLIOGRAPHY—TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Leningrad. Publichnaya biblioteka. [Lev Nikolaevich Tolstoi; an index of literature] Lev Nikolaevich Tolstoi; ukazatel' literatury. Izd. 2., ispr. i dop. Leningrad, 1934. 1 v. (NNC)

BIBLIOGRAPHY—UKRAINE

New books. Dop. AN URSS no. 4:564 '66.

[New books of the Ukrainian S.S.R.] Novi knyhy URSS nos. 8-11 Mr-Ap '66.

BIBLIOGRAPHY—UKRAINE—HISTORY

A bibliography of the bibliographies of the history of the Ukrainian S.S.R., 1960-1965 (continuation). Ukr. ist. zhur. 10 no. 5:157-160 My '66.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

At the "Naukova dumka" Publishing House. Ros. lit. 10 no. 5:96 My '66.

BIBLIOGRAPHY—UL'YANOVSK PROVINCE

Ul'yanovsk. Oblastnaya biblioteka "Dvorets Knigi." Bibliograficheski otdel. [New literature on Ul'yanovsk Province, 1962] Novaya literatura ob Ul'yanovskoi oblasti (1962 god). [Ul'yanovsk] Ul'yanovskoe knizhnoe izd-vo, 1963. 58 p.

BIBLIOGRAPHY—VETERINARY PATHOLOGY

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. Spravochno-bibliograficheski otdel. [Mycoses and mycotoxicoses in farm animals and poultry; a bibliographical list of Soviet literature for 1963-1965 comprising 186 items] Mikrozy i mikotoksikozy sel'skokhoziaistvennykh zhivotnykh i ptits; bibliograficheski spisok otechestvennoi literatury na 1963-1965 gg.; v kollektivnoe 186 nazvani. Moskva, 1965. 26 p.

BIBLIOGRAPHY—VOLOGDA PROVINCE

[Literature on Vologda Province, 1964] Literatura o Vologodskoi oblasti za 1964 god. [Vologda] Severo-Zapadnoe knizhnoe izd-vo, 1965. 150 p.

BIBLIOGRAPHY—VORONEZH PROVINCE—CITIES AND TOWNS

Voronezh (Province) Publichnaya biblioteka. [Cities of Voronezh Province; index of literature] Goroda Voronezhskoi oblasti; ukazatel' literatury. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 46 p. (K 50-letiu Sovetskoi vlasti)

BIBLIOGRAPHY—WORLD HISTORY

The sources of information on Soviet studies in the field of world history. V. I. Shishkin. Vop. ist. vobshch. ist. no. 1:168-178 '64.

BIBLIOGRAPHY—WORLD WAR, 1939-1945

Books on the Great Patriotic War of the Soviet Union published by province publishing houses. I. Kiltrov. Voen.-ist. zhur. 8 no. 5:97-91 My '66.

Final campaign of the Great Patriotic War in Europe. M. Alekseev. Voen.-ist. zhur. 8 no. 5:82-87 My '66.

BIBLIOGRAPHY—YAKUTIA—EDUCATION

Gribanovskii, N. N. [Bibliography of Yakutia] Bibliografiya Yakutii. Yakutsk, Yakutskoe knizhnoe izd-vo. Pt. 3. [Public education] Narodnoe prosveshchenie. 1965. 107 p.

BIBLIOGRAPHY—YUGOSLAVIA

[New literature on Yugoslavia] Nov. lit. po Jug. nos. 3-4 '66.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

Prospective plan for the development of recommended bibliographies. M. N. Gubareva, V. V. Selchuk, R. A. Smirnova. Bibliot. SSSR no. 20:13-24 '65.

BICILLIN—SIDE EFFECTS

Allergic reactions in the preventive treatment of rheumatic fever with bicillin and aspirin. A. I. Belotina, V. A. Komarova. Sov. med. 20 no. 9:94-96 S '64.

BICYCLES AND TRICYCLES

Makovskaya, E. Z. [Bicycles and motorcycles] Volospedy i mototsikly. Moskva, Ekonomika, 1966. 108 p.

BIDSTRUP, HERLUF, 1912-

Mallatnikov, Oleg. [With the weapons of laughter; a story about Herluf Bidstrup, artist, citizen and fighter for peace] Oruzhiem smekha; rasskaz o Herlufe Bidstrup - khudozhnike, grazhdanine, borise za mir. Moskva, Politizdat, 1966. 84 p.

BIENNIALS (PLANTS)

Effect of the spectral composition of light on the development of biennial and some annual plants. A. S. Kravtshin, Z. M. Shvechikova. Fiziol. rast. 13 no. 1:123-134 Ja-F '66.

BIG BUSINESS see subdivision under United States

BIGUANIDE

Structure of biguanide and acetyl derivatives of o-aminobenzoic acid. V.I. Blyzniukov, N.T. Solon'ska. Farmatsevt. zhur. 20 no.3:9-13 '65.

BILE

Bile secretion following complete removal of the stomach in esophagojejunal anastomosis with the preservation of the right vagus nerve. V.I. Tarabin. Klin.khir. no.7:26-30 '65.

Determination of bile acids in epidemic hepatitis. Zh.M. Lopatina, B.V. Karatysh. Lab.delo no.4:221 '66.
Effect of qualitatively varied nutrition and of penicillin injections on the bile secretion level in dogs. T.I. Kudanova. Vop.pat. 23 no.4:34-35 JI-Ag '64.
Methodology for determining the secretion of bile. G.B. Mkhitarova. Fiziol.zhur. 50 no.11:1402-1403 N '64.

BILE DUCTS

Tonus of Lutkens' sphincter in normal conditions and in experimental fever. M.V. Konstantinov. Biol.eksp. biol.med. 60 no.9:53-57 S '64.

BILE DUCTS—SURGERY

Clinical aspects, diagnosis, and surgical treatment of stenosis of Vater's ampulla. E.V. Grishkevich. Klin.khir. no.7:12-15 '65.

Giant calculus of the bile duct. D.M. Tsireshkin. Klin.khir. no.7:86-87 '65.

Hepatogastrosomy. M.S. Polarkova. Klin.khir. no.7:16-19 '65.

BILE DUCTS—TUBERCULOSIS

Obstructive jaundice caused by tuberculous pericholecystic lymphadenitis. E.A. Shachanova. Vest.khir. 96 no.4:6-8 Ap '65.

BILE DUCTS—WOUNDS AND INJURIES

Latent immersed drainage from the bile ducts injured during operations. G.B. Khonchidze, I.F. Zisman. Klin.khir. no.7:85-86 '65.

BILIARY CALCULI see Calculi, Biliary

BILIARY TRACT—DISEASES

Anastomoses between the extrahepatic biliary tract and the gastrointestinal tract in bile duct obstruction of noncancerous origin. G.K. Blokh. Klin.khir. no.7:9-11 '65.

BILIARY TRACT—SURGERY

Current diagnostic methods for diseases of the liver and biliary tract in surgical practice. P.N. Napalkov. Klin.khir. no.7:3-9 '65.

Dynamics of pressure in the biliary system following surgery with external drainage of the bile ducts. A.I. Nechai. Vest.khir. 96 no.4:9-13 Ap '66.

Operational cholecystomy of the biliary tract. V.V. Vinogradov, T.D. Zaitan. Vest.khir. 96 no.4:3-5 Ap '66.

BILLS OF LADING

Claims and actions based on railroad transportation of goods. M.F. Pavlovich. Sov.iust. 30 no.9:12-14 My '66.

BINDING MATERIALS

Binding substances of autoclave hardening on a base of magnesium hydroxide and vitreous industrial waste. B.N. Vinogradov. Sbor.trud.VNIISTROM no.4:100-117 '63.

Exothermal nature of the setting of some binding agents for glass plastics. N.N. Zaslavskii, Z.P. Iazon, B.V. Volkov. Plast.massy no.5:15-17 '69.

Panels of internal supporting walls from concrete on a mixed lime-ash binder. I.M. Ben'iaminovich and others. Stroim. II no.3:35-38 Mr '65.

Polak, A.F. [Hardening of monomineral binding materials; problems of theory] Tverdenie monomineral'nykh vlyazhushchikh veshchestv; voprosy teorii. Pod red. V.B. Ratnina. Moskva, Stroizdat, 1966. 207 p.

Principal aluminum nitrates as binding materials for the making of silicon-free molds. I.S. Matusevich and others. Lit.proizv. no.4:1-3 Ap '66.

Production of unfired products with a resin bond. V.P. Pogorelyi and others. Ogneupory 31 no.5:12-17 '66.

Study of the phase composition of new formations during prolonged hardening of lime mixed binders. N.V. Ivakhin, N.P. Belkina. Sbor.trud.VNIISTROM no.4:44-56 '65.

Vermiculite-dolomite cinder. B.N. Bogomolov, L.I. Dvorkin. Stroim. II no.3:20-21 Mr '65.

BINDING MATERIALS—TESTING

Effect of heat treatment in a hermetic form on the strength of various binding agents. N.I. Gorskova, A.A. Andriaga. Izv.vy.ucheb.zav.; khim.i.khim.tekh. 9 no.1:101-104 '65.

BIOCHEMISTRY

Biochemical foundations of the pathogenesis of atherosclerosis. A.N. Klimov, T.N. Lovyagina. Pat.fiziol. i eksp.terap. 10 no.2:3-9 Mr-Ap '66.

Biogeochemistry of oceanic plankton; distribution of some chemical components of plankton in the Indian Ocean. V.G. Bogorov, O.K. Bordovskii, M.E. Vinogradov. Okeanologia 6 no.2:314-325 '66.

Bukharin, I.I. [Chemistry of living nature] Khimika zhivoi prirody. Moskva, Ob-vo "Znanie" RSFSR, 1966. 15 p. (Biblioteka "Novaya nauka: Bionika," no.1)

Chemical composition and immunogenic properties of paratyphoid A antigens. N.I. Kovaleva, N.V. Khatuniseva. Zhur.mikrobiol., epid.i immun. 41 no.7:29-33 JI '64.

Engelgard, V.A. [Chemistry studies living matter] Khimika issleduet zhivoe. Moskva, Znanie, 1966. 41 p. (Novoe v zhizni, nauke, tekhnike. XI Seriya: Khimika, no.5)

Experimental data of electrophysiological, biochemical, and morphological examination of fibrillation of the cardiac ventricles. V.A. Frolov and others. Arkh.pat. 28 no.3:51-56 '65.

Inflammation mediators. D.E. Al'pern, R.U. Lipshtits. Arkh.pat. 28 no.4:3-13 '65.

Kochelkov, N.K., I.V. Torgov, and M.M. Botvink. [Chemistry of natural compounds; carbohydrates, nucleotides, steroids, proteins] Khimika prirodnykh soedinenii; uglevody, nukleotidy, steroidy, belki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 558 p. (ICRL)

Romanisev, E.F., and others. [Early radiation-biochemical reactions] Rannie radiatsionno-biohimicheskie reaktsii. Pod red. E.F. Romaniseva. Moskva, Atomizdat, 1966. 270 p.

Study of the chemical sensitivity of the terminal lamina of a striated muscle fiber in frogs during the course of its rhythmic activation. I.A. Vladimirova. Fiziol.zhur. 50 no.11:1358-1363 N '64.

BIOCHEMISTRY—ABSTRACTS

[Biochemistry] Ref.zhur.: Biol.khim. no.5 My '66.

BIOCHEMISTRY—CONGRESSES

3d International Symposium on the Biochemistry and Physiology of Alkaloids. T.N. Il'inskaya, I.I. Pavleva. Ant.delo 15 no.2:88-89 Mr-Ap '66.

BIOLOGICAL CONTROL SYSTEMS

Mikhailov, V.N. [Control in biology] Regulirovanie v biologii. Moskva, Ob-vo "Znanie" RSFSR, 1966. 30 p. (Biblioteka "Novaya nauka: Bionika," no.1)

BIOLOGICAL RESEARCH

Kuzin, A.M. [Role of the method of research in modern biology] O roli metoda issledovaniya v sovremennoi biologii. Moskva, Znanie, 1966. 15 p. (Biblioteka "Filosofskie problemy biologii." V pomoshch' znanatshchinsia v sisteme partinnoi uchebiy)

Results of his years research and future plans. V.G. Kocherzhiukin. Izv.AN SSSR, Ser. biol. no.3:465-473 My-Je '66.

BIOLOGICAL RESEARCH—METHODOLOGY

Useful work on the methodology of biological research. L.Sh. Davitashvili. Vop.filos. 20 no.4:175-177 '66.

BIOLOGICAL TRANSPORT

Potassium and sodium content of muscles equilibrated with solutions of a high potassium concentration. S.A. Vereninova, G.I. Romanenko. TSiblogia 6 no.4:478-481 JI-Ag '64.

BIOLOGICAL WARFARE

Weapons of mass destruction. F. Petrov. Tekh.i vooruzh. 24 no.1:8-10 Ja '66.

BIOLOGY

Methods for determining the biological age in man. Francois Bourliere. Trudy MOIP, Otd. biol. 17:39-49 '66.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY

Theoretical significance of N.I. Vavilov's law of homologous series. A.IA. II'in. Vop.filos. 20 no.5:85-92 '66.

Wide adoption of the dialectical and materialistic principles of L.V. Michurin's biology in foreign countries. N.M. Honcharenko. Filos.probl.such. prirod. no.2:161-168 '64.

BIOLOGY, ECONOMIC see subdivision under Yenisey Valley

BIO-LUMINESCENCE

Effect of potassium iodide on the luminescent properties of tryptophan. E.A. Chernitskii. Dokl.AN BSSR 10 no.4:262-264 Ap '66.

Relationship between the polarization degree of protein fluorescence and the temperature. S.V. Konev, F.A. Chernitskii, V.R. Muravnikov. Dokl.AN BSSR 10 no.5:341-343 My '66.

BIOMYCIN see Aureomycin

BIONICS

Bernshtein, N.A. [Studies on the physiology of movements and the physiology of activity] Ocherki po fiziologii dvizhenii i fiziologii aktivnosti. Moskva, Meditsina, 1966. 349 p.

Gudozhnik, G.S. [Bionics' place within the system of sciences] Mesto bioniki v sisteme nauk. Moskva, Ob-vo "Znanie" RSFSR, 1966. 22 p. (Biblioteka "Novaya nauka: Bionika," no.1)

Mazilova, R.M., V.N. Oshotskaya, and B.I. Puchkin. [Olfaction and its simulation] Obonanie i ego modelirovanie. Novosibirsk, Nauka, 1965. 117 p.

Prokhorov, A.I. [What is bionics] Chto takoe bionika. Moskva, Ob-vo "Znanie" RSFSR, 1966. 23 p. (Biblioteka "Novaya nauka: Bionika," no.1)

Samvelian, V.V. [Patents of insects] "Patenty" nasekomykh. Moskva, Ob-vo "Znanie" RSFSR, 1966. 20 p. (Biblioteka "Novaya nauka: Bionika," no.1)

Some problems of cybernetics in plant growing. V.G. Karmanov, V.M. Savin. Sbor.trud.pov.agron.fiz. no.12:53-65 '65.

BIONICS—BIBLIOGRAPHY see Bibliography—Bionics

BIONIC COMMUNITIES see subdivision under Black Sea

BIOTITE

Isomorphism in biotites. T.N. Grigor'eva, D.K. Arkhipenko. Rent.mn.syr. no.4:164-169 '64.

BIRCH

(see also subdivision under Kamchatka)

Isolation and study of acetylated xylooligosaccharides. N.I. Kubina, D.P. Solov'eva. Zhur.prikl.khim. 38 no.8:1354-1357 Ag '65.

BIRDS

(see also subdivision under Azerbaijan)

From the history of the dendrophilous avifauna of the Palearctic regions. L.S. Stepanian. Zool.zhur. 45 no.4:591-598 '66.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRUKOV, MIKHAIL LEONT'EVICH, 1905-

Mikhail Leont'evich Birukov; on his 60th birthday. Arkh.pat. 26 no.4:89 '66.

BIRTH INJURIES

Characteristics of vegetative and subordinated changes in children having had birth injuries. G.T. Muradjan, E.G. Karakhanian. Zhur.eksp.i klin.med. 6 no.1:111-114 '66.

BIRTHDAYS

Good custom. Z.Toropchenova, T.Shtern, N. Elges. Doshk.vosp. 39 no.4:40-42 Ap '66.

BISMUTH

Amperometric determination of bismuth by means of 5-caprolactam. A.I. Busev and others. Zhur.anal.khim. 21 no.4:422-426 '66.

Electrolytic polishing of bismuth in a saturated solution of sodium chloride. G.P. Petrov. Elektrokhimia 2 no.5:595-597 My '66.

BISMUTH—ANALYSIS

Complexometric determination of bismuth. A.G. Petrenko. Metod. izuch. veshch. sost. i kh. prim. no.1:104-112 '65.

BISMUTH—GALVANOMAGNETIC PROPERTIES

Effect of Sn and Te impurities on the anisotropy of the galvanomagnetic properties of bismuth. D.V. Gitsu, G.A. Ivanov. Fiz.tver.tela 8 no.4:1203-1205 Ap '66.

BISMUTH CRYSTALS—ACOUSTIC PROPERTIES

Study of ultrasound absorption and microhardness in bismuth single crystals containing tellurium and tin impurities. V.V. Nekrasov. Fiz.tver.tela 8 no.3:601-603 Mr '66.

BISMUTH ELECTRODES see Electrodes, Bismuth

BISMUTH FERRATES

Phase transitions in BiFeO₃. N.N. Krainik and others. Fiz.tver.tela 8 no.3:816-821 Mr '66.

BISMUTH ORES

Flotation of bismuth minerals. V.A. Glombotskii, E.S. Sokolov, P.M. Solozhenkin. Dokl.AN Tadzh. SSR 9 no.4:23-27 '66.

BISMUTH PLATING

Electrodeposition of bismuth and some properties of bismuth deposits. M.IA. Popereka, O.I. Avramenko. Zhur.prikl.khim. 38 no.8:1783-1789 Ag '65.

BISMUTH TITANATES

Dielectric polarization of bismuth titanate ($\text{Bi}_2\text{O}_3 \cdot 3 \text{ TiO}_2$). A. N. Gubkin, A. M. Kachanova. *Izv. vuz. ucheb. zav. i fiz.* 9 no. 2:137-142 '66.

BITS (DRILLING AND BORING)

(See also subdivision under Saratov Province)

Boring of cementation shafts by using roller bits of small diameter at the construction of the Krasnoyarsk Hydroelectric Power Station. M. G. Abramson, N. G. Morgunov, F. S. Redreev. *Energ. stroit.* no. 3:68-72 '65.

Honing of roller bits on well bottoms in well drilling. P. V. Baltiskii. *Trudy MINKHGP* no. 60:26-35 '66.

Effect of magnetic assembly on the performance of roller bit bearings. M. M. Melikov, S. G. Babnev. *Za tekhn. prog.* 6 no. 4:22-23 Ap '66.

Energy of impact of roller bit teeth on a flat well bottom not subject to deformation. P. V. Baltiskii. *Trudy MINKHGP* no. 60:18-25 '66.

Evaluation of the efficiency of bits under stand conditions. A. G. Melvani, A. M. Plushch, N. N. Mamedov. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 6:69-72 '65.

Experience in using diamond bits in drilling with D-170 electric drills. T. Potopylo, I. Dumin. *Neftekhim* 10 no. 5:30-31 Ag '65.

Interchangeable equipment for the AN-63 automatic drill. *Stroitel'mashinostroy.* 10 no. 4:28 Ap '65.

New technology in the heat treatment of percussive bits for air hammers. N. A. Kiochko, M. V. Makhotkin, N. V. Molnova. *Gor. zhur.* no. 5:47-49 My '66.

Some results of the analysis of worn-out three-roller bits. S. G. Babnev, A. M. Gaudov, S. B. Tsypin. *Azerb. nef. khoz.* 43 no. 4:39-41 Ap '66.

Torque of three roller bits in turbodrilling. P. I. Astaf'ev, M. B. Barnev, P. N. Grigor'ev. *Nef. khoz.* 44 no. 4:19-22 Ap '66.

Unit for testing boring bit supports. M. M. Melikov. *Za tekhn. prog.* 4 no. 12:23-26 D '66.

BITS (DRILLING AND BORING)—TESTING

Experience in using bits with quick-release joints. M. K. Yakubina. *Ugol'* 41 no. 5:43-45 My '66.

BITSADZE, ANDREI VASIL'EVICH, 1916-

A. V. Bitsadze on his 50th birthday. S. I. Scholev, A. N. Tikhonov, N. P. Eragin. *Dif. urav.* 2 no. 5:716-719 My '66.

BITUMEN—COOLING

Apparatus for accelerated air cooling of high-melting bitumens. V. S. Akimov and others. *Nefteper. i neftekhim.* no. 3:35-37 '66.

BITUMEN—GEOLOGY see subdivision under Gissar Range

BITUMEN—TRANSPORTATION

Study of the heat regime of bitumen ducts. B. V. Medenev. *Izv. vuz. ucheb. zav. i stroit. i inzh. 9 no. 2:74-80 '66.*

BITUMINOUS CONCRETE

Use of bitumen and perlite mix for the construction of the Burshtyn State Regional Electric Power Plant. V. S. Kuznetsov. *Energ. stroit.* no. 2:8-9 '65.

BITUMINOUS MATERIALS

(See also subdivision under Uzbekistan)

Vibrational and thermal method of heating bitumen. V. D. Porshing, N. V. Mikhailov. *Stroitel'mat.* 11 no. 3:25-26 Mr '65.

BITUMINOUS ROADS see Roads, Bituminous

BITUMINOUS ROOFING see Roofing, Bituminous

BLACK EARTH see Chernozem soils

BLACK SEA—BACTERIA, SAPROPHYTIC

Seasonal distribution of saprophytic bacteria in the northwestern part of the Black Sea. A. V. Tsyban'. *Gidrobiol. zhur.* 2 no. 2:42-46 '66.

BLACK SEA—BIOTIC COMMUNITIES

Bottom biocenoses of the western half of the Black Sea. K. A. Vinogradov, V. P. Zakutskii. *Okeanologiya* 6 no. 2:340-343 '66.

BLACK SEA—GRAY MULLET

Effect of petroleum on the survival and growth rate of young gray mullets. I. O. Alifirinskaya. *Ryb. khoz.* 42 no. 3:16-18 '66.

BLACK SEA—HYDROBIOLOGY

Study of some biochemical indices of the hyponeuston of the Black Sea. B. F. Kostikov. *Dop. AN URSSR* no. 4:548-552 '66.

BLACK SEA—MERCHANT MARINE—PASSENGER TRAFFIC

Local fleet of passenger ships can work with profit. L. Pikel'. *Mor. flot* 26 no. 4:10-11 Ap '66.

BLACK SEA—MUSSELS

Biocenosis of mussel populations in the northwestern part of the Black Sea. V. N. Nikitin. *Zool. zhur.* 45 no. 4:487-493 '66.

Food products from Black Sea mussels. L. I. Lagunov, N. I. Rekhina, N. F. Moskalenko. *Ryb. khoz.* 42 no. 4:73-76 '66.

Use of mechanized lines for catching and cleaning mussels. A. I. Ivanov. *Ryb. khoz.* 42 no. 3:52-53 '66.

BLACK SEA—OCEAN CURRENTS

Water circulation in the central part of the Black Sea. V. S. Bolshakov and others. *Dop. AN URSSR* no. 4:460-462 '66.

BLACK SEA—PARASITES—CHORDATA

Metacephala of trematodes in Branchiostoma lanceolatum (Pall.) of the Black Sea. V. E. Zaika. *Zool. zhur.* 45 no. 5:768-769 '66.

BLACK SEA—TANK VESSELS

When the opportunities are missed. S. Khristenko. *Mor. flot* 26 no. 4:11-12 Ap '66.

BLACK SEA—WATER FLEAS

Mass death of Penilia tyrostris (Dana) in the northwestern part of the Black Sea. L. M. Zeleninskaya. *Gidrobiol. zhur.* 2 no. 2:53-55 '65.

BLACK SEA ECONOMIC REGION

Odesa. Kreditno-ekonomicheskii institut. [Problems of applied economics] Voprosy konkretnoi ekonomiki. [Kiev] Izd-vo Kievskogo univ., 1964- (CSI-1)

BLACK SEA REGION—GEOLOGY, STRUCTURAL

Geotectonic characteristics of the northwestern part of the Black Sea in the Neogene. A. V. Chukanov. *Dokl. AN SSSR* 168 no. 1:177-179 My '66.

BLACK SEA REGION—ROCKS, SEDIMENTARY

Identification of shells in the coastal zone. IU. D. Shatskii. *Vest. Mosk. univ. Ser. 5:Geog.* 30 no. 2:71-72 Mr-Apr '65.

BLACKFLIES

Case of blackfly toxicosis in cattle. V. Z. Kozhan and others. *Veterinariia* 43 no. 5:831-89 My '66.

BLADDER

Thermal balance in the bladder. J. Matea. *Vop. kur. i statist. i lech. fa. kul't.* 28 no. 5:431-433 S-O '64.

BLADDER—ABNORMALITIES AND DEFORMITIES

Surgical therapy of bladder ectrophy in children. T. V. Zhuravleva. *Urol. i nefr.* no. 3:39-43 '65.

BLADDER—INNERVATION

Changes in the intramural nervous system of the urinary bladder in injuries of the spinal cord: experimental study. E. M. Khimbarovskaya. *Vop. nefrologii.* 28 no. 3:18-23 My-Je '64.

BLADDER—SACCULATION

Case of removing a large calculus from a bladder diverticulum. I. V. Konstantinova. *Urol. i nefr.* no. 3:54-55 '65.

BLADDER—SURGERY

Case of removing a large calculus from a bladder diverticulum. I. V. Konstantinova. *Urol. i nefr.* no. 3:54-55 '65.

Surgical therapy of bladder ectrophy in children. T. V. Zhuravleva. *Urol. i nefr.* no. 3:39-43 '65.

BLAST EFFECT

Studying the failure of steel, aluminum, and copper under the effect of explosive loading. S. A. Novikov, I. I. Divnov, A. G. Ivanov. *Fiz. met. i metalloved.* 21 no. 4:608-615 Ap '65.

BLAST FURNACES

(See also subdivision under Ukraine)

Golub, A. D. [The blast furnace process] Domennyi protsess. Izd. 2., 1 apr. 1 dop. [Moskva] Metallurgiya, 1966. 503 p.

New developments in research. A. A. Serbriunikov and others. *Stal'* 26 no. 5:104 My '66.

Nomogram for determining the absolute humidity of blast furnace gas. E. V. Toropov, I. I. Baha. *Metallurg* 11 no. 5:12-13 My '66.

Slater reduction by gases. V. I. Loginov, A. I. Parfenov. *Izv. vuz. ucheb. zav. i Chern. met.* 9 no. 5:23-28 '66.

BLAST FURNACES—DESIGN AND CONSTRUCTION see subdivision under Ukraine

BLAST FURNACES—EQUIPMENT AND SUPPLIES

(See also subdivision under Ural Mountains)

Influence of vapor on the performance of charging equipment. F. I. Orzechovskii. *Metallurg* 11 no. 5:11-12 My '66.

Peculiarities of the technology of blast furnace smelting of titanium-containing magnetite ores. S. V. Shavrin and others. *Stal'* 26 no. 5:302-307 My '66.

Problem of the optimum consumption of natural gas.

L. I. Shepushova, L. G. Filippova. *Metallurg* 11 no. 5:5-9 My '66.

BLAST FURNACES—MATHEMATICAL MODELS

Interconnection between the rated indices of the blast furnace process and the composition of cast iron. B. P. Dergach. *Izv. vuz. ucheb. zav. i Chern. met.* 9 no. 5:31-35 '66.

BLAST FURNACES—MAINTENANCE AND REPAIR

Determination of work consumed for the repair of equipment of blast furnace plants, using mathematical methods. I. G. Vondrov, I. V. Boguslavskii. *Stal'* 26 no. 3:165-168 My '66.

BLASTING

[Boring and blasting in transportation construction] Burovyye raboty na transportnom stroitel'stve. [By] IA. Kh. Esterov i dr. Moskva, Transport, 1966. 398 p.

Boring and blasting operations at the Lchedi open-pit mine of the "KMAruda" Combine. A. I. Popov. *Vzryv. delo* no. 59/16:191-193 '66.

Breaking away with the rock mass twin borehole charges in strip mines of the North Kazakhstan. E. A. Grigorenko, M. M. Zaitsev. *Vzryv. delo* no. 59/16:193-194 '66.

Breaking of ores in a compression area using blastholes with an enlarged diameter. G. M. Burnin and others. *Gor. zhur.* no. 5:65-66 My '66.

Character of pulse attenuation of the walls of a blasting cavity. D. V. Rishchenko. *Vzryv. delo* no. 59/16:32-36 '66.

Consumption of explosives in horizontal workings. P. V. Akhmedkin, A. B. Sot'yboev, M. A. Aldarova. *Vzryv. delo* no. 59/16:253-257 '66.

Correlation between the seismic effect of explosions and the effect of rock crushing during short-delay blasting operations. V. P. Veltzhovskii, P. S. Danilov, V. N. Zaidin. *Vzryv. delo* no. 59/16:202-209 '66.

Crushing fractured rocks with charges varying in diameter. B. D. Burutskii. *Vzryv. delo* no. 59/16:193-196 '66.

Determining the optimum parameters of boring and blasting operations in strip mines of the North Kazakhstan. V. I. Kurlov, S. K. Rubtsov. *Vzryv. delo* no. 59/16:193-195 '66.

Distribution of rock lumps in a blasted block. IU. I. Beliaev, A. V. Katinin, S. A. Palanchenko. *Vzryv. delo* no. 59/16:154-160 '66.

Drukavanyi, M. P., I. M. Golman, and V. M. Komir. [New methods and prospects for expanding blasting operations in quarries] Novye metody i perspektivy razvitiia vzryvnykh rabot na kar'ernakh. Moskva, Nauka, 1966. 201 p.

Effect of the charge in overdrills. N. D. Turata, D. P. Danchenko, N. M. Duntov. *Vzryv. delo* no. 59/16:138-149 '66.

Effect of the conditions of priming on the quantity and distribution of specific blasting pulses along a forming borehole. F. A. Baum, N. S. Samarin. *Vzryv. delo* no. 59/16:13-28 '66.

Efficiency of using a diagonal borehole layout in multiple-row short-delay blasting. I. V. Klevinov. *Vzryv. delo* no. 59/16:134-139 '66.

Estimating the efficient use of the explosion energy with various parameters of boring and blasting operations. M. P. Drukavanyi, V. M. Komir, N. I. Mischenko. *Vzryv. delo* no. 59/16:70-76 '66.

Explosion pattern dependent on the lateral thrust of the stemming in a borehole. F. A. Baum, N. S. Samarin. *Vzryv. delo* no. 59/16:20-32 '66.

Improving the parameters of boring and blasting operations at the limestone quarry of the Kanysh-Barun Iron Ore Combine. A. P. Alekseenko. *Vzryv. delo* no. 59/16:125-134 '66.

Influence of controlled blasting of borehole charges on the mechanism of rock breakage. P. S. Malyi. *Shkht. stroit.* 10 no. 4:41-43 Ap '66.

Influence of rock pressure on the efficiency of short-delay blasting in longwalls. B. V. Levin. *Vzryv. delo* no. 59/16:197-202 '66.

Influence of the natural fractured state of limestones on the efficiency of blasting operations. N. U. Turata and others. *Vzryv. delo* no. 59/16:191-193 '66.

Influence of the orientation of cracks on the degree of breakage of a solid rock by blasting. N. P. Seimov, A. I. Chevkin. *Vzryv. delo* no. 59/16:95-100 '66.

Influence of the perimeter and the shape of workings on the specific consumption of explosives in underground mining. L. L. Melnikov. *Vzryv. delo* no. 59/16:247-253 '66.

Influence of the quality of comminution during explosion breaking on the performance of excavators. G. IA. Velovikov. *Vzryv. delo* no. 59/16:150-154 '66.

Influence of the size of stemming on the comminution quality of blasted rock in quarries. M. P. Drukavanyi, V. M. Komir, I. A. Sementuk. *Vzryv. delo* no. 59/16:165-177 '66.

Influence of the width of a slope on selecting the parameters of boring and blasting operations in working narrow veins. E. B. Rikhter. *Vzryv. delo* no. 59/16:219-226 '66.

Making boreholes by the method of widening deep cuts by blasting. I. S. Molodov. *Shkht. stroit.* 10 no. 4:26-28 Ap '66.

BLASTING (Continued)

Methods of determining the dislocation of rock masses during blasting. V.K. Rubtsov. Vzyv.delo no. 59/16: 64-70 '66.

Novozhilov, M.G., and others. [Tight-face blasting in open pit mines] Vzyv.delo no. 59/16: 237-247 '66.

Optimum value of the charging coefficient and the number of boreholes in mine stope of the "Chitarmarganets" Trust. G.A. Berishvili, R.V. Mikhailson. Vzyv.delo no. 59/16: 237-247 '66.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform norms and estimates for construction, assembly, and construction repair operations] Edinye normy i raschenki na stroitel'nyye, montazhnye i remonto-stroitel'nyye raboty. Moskva, Stroizdat.

Sbornik 2. [Earthwork] Zemlianye raboty. No. 3. [Boring and blasting operations] Buro-vzyvnyye raboty. 1965. 95 p.

Selecting the optimum parameters for the arrangement of boreholes in the underground breaking of potash ores. B.N. Kutuzov, V.M. Glohn. Vzyv.delo no. 59/16: 278-282 '66.

Selection of fundamentally new means for the liquidation of attacking ore in deep ore chutes. I.U. M. Mianik and others. Vzyv.delo no. 59/16: 226-237 '66.

Special features in conducting boring and blasting operations under permafrost conditions. A.G. Bagdasarov. Energ.stroi. no. 40: 37-39 '64.

Technology of boring and blasting operations in complex working faces of iron ore strip mines. V.M. Prosechkin. Vzyv.delo no. 59/16: 117-125 '66.

BLASTING-EQUIPMENT AND SUPPLIES

(see also subdivision under Kola Peninsula)

Controlling the cavity-forming process caused by blasting. A.A. Vovk, A.G. Shishnov, V.N. Khorkonov. Ugol' Ukr. 10 no. 5: 11-12 My '66.

Efficient and optimum length of stemming borehole charges. I.I. Gorgichev. Vzyv.delo no. 59/16: 266-268 '66.

Experience in improving boring and blasting operations in underground mines. A.M. Fadzulla. Vzyv.delo no. 59/16: 200-218 '66.

Experience in using divided charges with air spaces at the Ravnobor-Tshik apatite open-pit mine. F.G. Grachev, V.P. Pavlov, A.A. Kuleshev. Vzyv.delo no. 59/16: 113-117 '66.

Formation of underground cavities in plastic rocks by the method of internal explosions. A.S. Dobina, N.A. Evstropov. Gor.zhur. no. 5: 40-43 My '66.

Maximum permissible length of air cartridges. V.F. Shozhenkin. Vzyv.delo no. 59/16: 59-64 '66.

Methodology and technology of blasting from the deck of a ship-seismic station during marine seismic studies using the reflection method. A.A. Gager'ganis, L.I. Kogin. Prikl.geofiz. no. 43: 18-26 '65.

Optimum parameters of capping for the making of deep cuts. V.F. Vedutis, V.I. Blashukov, V.P. Nikolaev. Vzyv.delo no. 59/16: 257-262 '66.

Studying the blasting effect of column charges by rapid motion-picture filming. K.T. Tkachuk, S.I. Tkachev. Izv.vys.ucheb.zav.; gor.zhur. 9 no. 4: 73-76 '66.

BLASTING-MATHEMATICAL MODELS

A method of determining optimum parameters for blasting operations in strip mining. B.N. Kutuzov, I.P. Romanishkin. Vzyv.delo no. 59/16: 48-58 '66.

BLASTING-MODELS

Effect of the scale factor on the lumpiness of a blasted rock mass during the modeling of blasting. S.P. Levchik. Vzyv.delo no. 59/16: 77-83 '66.

Efficiency of using slot-type boreholes. G.S. Shcherbak, A. Annabiev. Vzyv.delo no. 59/16: 83-84 '66.

Modeling the blasting effect. O.F. Vinsov, S.A. Smirnov. Vzyv.delo no. 59/16: 5-13 '66.

BLASTING-SAFETY MEASURES

Safety of buildings in the area of industrial blasting. S.T. Ustov, A.B. Grossman. Stroitel'stvo. 7 no. 3: 30-31 Mr '66.

BLASTING-TESTING

Influence of the expansive stemming of boreholes on the results of blasting. E.G. Legastov. Vzyv.delo no. 59/16: 202-206 '66.

BLEEDING see Hemorrhage

BLOOD-AGGLUTINATION

Agglutination reaction indices with various antigens of cattle serum. K.I. Kudriavtseva. Trudy VNIIS 16: 232-241 '60.

Methodology of conducting the hemagglutination reaction for the diagnosis of rickettsiosis. K.V. Men'kova. Lab.delo no. 4: 220-230 '64.

BLOOD-ANALYSIS AND CHEMISTRY

Accelerated micro-method of determining prothrombin in plasma. N.A. Ruzev. Azerb.med.zhur. 42 no. 5: 38-40 My '65.

Alkaline phosphatase of neutrophils in acute cholecystitis. V.A. Avakimian. Vest.khir. 96 no. 4: 18-21 Ap '66.

Case of carcinoid syndrome with azotemia with a lethal outcome. L.S. Bessulyk and others. Probl.endok.i gorm. 12 no. 3: 48-50 My-Je '66.

Changes in the content of lysozymes in the blood of animals under the influence of injections of streptococcus and homologous tissue antigen. E.S. Fidal'man, L.L. Aver'fianova. Biol. eksp. biol. i med. 58 no. 12: 39-41 D '64.

Changes in the free amino acid content of the blood under nervous and emotional stress. Z.N. Lebedeva, Z.IU. Nuriakhmetova. Vop. pit. 23 no. 4: 23-26 Ji-Ag '64.

Content of haptoglobin in the blood serum in children. M.M. Alimova, I.U. A. Iurkov, T.S. Koreleva. Lab.delo no. 4: 205-207 '66.

Content of potassium and sodium in preserved blood. P.V. Kravchenko, V.E. Volkov, S.D. Fedotov. Probl. gemat. i perel.krovi 11 no. 1: 40-41 Ja '66.

Detection of nicotinamide in the fraction of adrenal blood in dogs. V.N. Goncharova. Probl.endok.i gorm. 12 no. 3: 78-81 My-Je '66.

Determination of toxemia in burns and of anitoxic properties of the blood serum in convalescent patients with burns by means of hemocultures and Paramedum reaction. V.A. Orlik. Sov.med. 28 no. 9: 37-41 S '64.

Effect of chloridine on the blood in pregnant women. E.M. Shitova. Probl.gemat. i perel.krovi 11 no. 1: 25-27 Ja '66.

Effect of D-cycloserine and florimycin on the activity of glutamate-aspartate-transaminase in the blood serum of white mice. O.M. Krupak. Antibiotiki 11 no. 4: 347-350 Ap '66.

Effect of molybdenum salts on the content of sugar, glycogen, and amylase in the blood of rabbits. V.M. Kholod. Uch.zap. Viteb.vet.inst. 18: 202-209 '64.

Methodology of electrophoretic determination of the quantity of haptoglobin in blood serum. T.M. Ogenovskii. Lab.delo no. 4: 203-205 '66.

Mirakhlmova, M.M. [Peripheral blood picture under the high-mountain conditions of the Tien Shan and Pamirs] O kartinie perifericheskoi krovi v usloviakh vysokogor'ia Tien-Shania i Pamira. Franze, M.-vo zdorovo-okhraneniia Kirgizskoi SSR, 1964. 127 p.

Ornithine-carbamoyltransferase in the blood of rabbits with Brown-Pearce carcinoma. T.P. Sarapkina. Vop. med.khiz. 12 no. 3: 263-265 My-Je '66.

Picture of the blood and bone marrow in experimental hypercholesterolemia and atherosclerosis. O.E. Tsuker'shtein. Pat.fiziol.i eksp.terap. 10 no. 2: 39-44 Mr-Ap '66.

Qualitative and quantitative determination of haptoglobins of human blood. N.N. Starostin, I.N. Cherkovskii. Lab.delo no. 4: 200-202 '66.

Significance of blood transaminase determination of the diagnosis of liver diseases. M.D. Podil'chak, O.S. Abramovich. Khim.khiz. no. 7: 20-23 '65.

BLOOD-CIRCULATION

Changes in blood circulation in the upper extremity during static stress. R.L. Titilevskaya. Fiziol.zhur. 50 no. 9: 1129-1135 S '64.

Experimental studies of intra-aneurysmal blood flow. R.P. Kikot. Vop.neirokhir. 30 no. 2: 17-21 Mr-Ap '66.

Significance of the Valalva's test in the evaluation of blood circulation. A.I. Gelfer, A.P. Matasova, O.V. Maslennikov. Kardiologiya 4 no. 5: 62-67 '64.

BLOOD-CIRCULATION, ARTIFICIAL

Artificial circulation in surgery for congenital heart defects. Report No. 2: Cardiac and respiratory insufficiency following operations on the open heart. Complications in the brain. V.I. Barukovskii and others. Grad.khiz. 0 no. 2: 3-14 Mr-Ap '66.

BLOOD-CIRCULATION, DISORDERS OF

Early manifestations of disorders of blood circulation in the heart. M.S. Brumshlein, A.M. Golubev, N.M. Potashnik. Arkh.pat. 28 no. 3: 34-38 '66.

Effect of vitamin B₆ on diastoles in patients with pronounced circulatory disorders. F.I. Komarov, V.S. Novikov, B.A. Onikienko. Kardiologiya 4 no. 2: 53-55 Mr-Ap '64.

State of peripheral vessels and hemodynamics in acute radiation sickness. V.V. Akovlev. Med.rad. 11 no. 4: 73-79 Ap '66.

BLOOD-COAGULATION

Change in the coagulation time and anticoagulation factors in the blood of dogs under the influence of insulin. M.I. Mamikonian. Biol. eksp. biol. i med. 58 no. 0: 42-46 S '64.

Changes in the blood coagulation process under the effect of valerian. V.N. Minnov. Farm.i toks. 29 no. 2: 187-188 Mr-Ap '66.

Effect of cetamphen on the prothrombin time and blood coagulation. O.I. Kozlov'ska. Farmintsev.zhur. 21 no. 2: 71-73 '66.

Effect of hydrogenated ergot alkaloids on the process of blood coagulation. I.E. Akopov, I.A. L. Levin, V.M. Iadrova. Biol. eksp. biol. i med. 58 no. 0: 88-91 S '64.

Effect of the venom of Central Asia snakes on the blood coagulation system. Z.S. Barkagan, L.Sh. Mikhman. Probl.gemat. i perel.krovi 11 no. 4: 49-53 Ap '66.

Mechanism of the effect of protamine sulfate on some indices of the blood coagulation system. V.P. Skiptrov. Farm.i toks. 29 no. 2: 188-192 Mr-Ap '66.

Participation of hyaluronidase-hyaluronic acid system in blood coagulation. E.P. Stepanian, V.M. Khrushcheva, M.A. Golosovskaya. Dokl. AN SSSR 168 no. 3: 718-720 My '66.

Some blood coagulation indices in experimental tuberculosis. E.E. Polushkina. Probl.tub. no. 5: 79-82 '64.

Study of the coagulation properties of the blood following surgical interventions in tuberculosis patients. Z.IA. Lipskii. Probl.tub. 42 no. 6: 49-55 '64.

BLOOD-COLLECTION AND PRESERVATION

(see also subdivision under Gorky Province)

Content of potassium and sodium in preserved blood. P.V. Kravchenko, V.E. Volkov, S.D. Fedotov. Probl.gemat. i perel.krovi 11 no. 1: 40-41 Ja '66.

Electron microscopy of leucocytes in the process of their preservation. E.I. Tarentova and others. Probl.gemat. i perel.krovi 11 no. 1: 26-34 Ja '66.

Equipment for lyophilization of blood preparations and automation of the drying process. M.V. Podol'skii. Probl.gemat. i perel.krovi 11 no. 3: 52-54 Mr '66.

Portable box for blood procurement under field conditions. V.I. Zarudskii. Probl.gemat. i perel.krovi 11 no. 3: 54-56 Mr '66.

Use of blood preserved in highly diluted solutions in surgical practice. I.M. Dumkin. Vest.khir. 96 no. 4: 62-64 Ap '66.

BLOOD-DISEASES

Effect of adenosine triphosphate and adenosine diphosphate on the morphology and functions of blood platelets in thrombasthenia. N.B. Cherniak, A.I. Isankian, A.A. Tol'skaya. Probl.gemat. i perel.krovi 11 no. 4: 41-48 Ap '66.

Hypo- and afibrinogenemia and their control. A.G. Karavanov, S.S. Lavrik, T.A. Kutsenko. Probl.gemat. i perel.krovi 11 no. 4: 54-55 Ap '66.

BLOOD-EXAMINATION

Significance of dye dilution curves in hemodynamic studies on rheumatic lesions of the heart. R.S. Vinit'skaya, B.M. Kostuchenok. Kardiologiya 4 no. 2: 23-30 Mr-Ap '64.

BLOOD-OXYGEN CONTENT

Effect of cyclophosphamide and thiophosphamide on proteins of the blood and its saturation with oxygen. A.M. Efimenko. Farm.i toks. 29 no. 2: 215-218 Mr-Ap '66.

Oxygen saturation of arterial and venous blood in acute closed cerebrocranial trauma: experimental and clinical study. N.D. Lezhova, V.A. Kozlov. Vop.neirokhir. 28 no. 3: 8-12 My-Je '64.

Oxygen tension and hemodynamics in the brain in fatal hemorrhage and subsequent resuscitation (experimental studies). I.U. M. Levin, B.I. Shovikov. Biol. eksp. biol. i med. 58 no. 12: 27-31 D '64.

Oxymetric control of children undergoing exercise therapy. M.B. Kogan, A.A. Vysotskaya. Vop.kur. i fiziot. i lech. fiz. kul't. 29 no. 5: 447-450 S-O '64.

BLOOD-SEDIMENTATION

Erythrocyte sedimentation reaction in parenchymatous degenerative and mesenchymal hepatitis. V.S. Andreeva. Lab.delo no. 4: 222-224 '66.

BLOOD-TRANSFUSION

(see also subdivision under Moscow)

Clinical aspects and treatment of blood transfusion complications. V.A. Agranenko. Probl.gemat. i perel.krovi 11 no. 3: 17-17 Mr '66.

Complications in intra-arterial blood transfusion. N.N. Korenevich. Probl.gemat. i perel.krovi 11 no. 3: 31-34 Mr '66.

Disorders of phosphorus metabolism in acute kidney insufficiency caused by blood transfusion complications. I.L. Vinogradova, V.A. Agranenko, A.A. Safarova. Probl.gemat. i perel.krovi 11 no. 3: 34-40 Mr '66.

Duration of half life of erythrocytes following exchange transfusion in acute hemorrhage in dogs. N.A. Gorbunova. Probl.gemat. i perel.krovi 11 no. 1: 34-36 Ja '66.

Effect of hypophysectomy and compensatory administration of ACTH on the development of blood transfusion shock with acute edema of the lungs and tachypnoea. G.V. Kurygin, R.L. Barukii. Probl.endok.i gorm. 10 no. 2: 62-67 Mr-Ap '64.

Effectiveness of the hemostatic action of replacement transfusions in hemophilia. D.M. Grozdov, I.N. Kozhevnikov. Probl.gemat. i perel.krovi 11 no. 4: 3-6 Ap '66.

Etiology and pathogenesis of transfusion reactions. R.M. Glants. Probl.gemat. i perel.krovi 11 no. 3: 24-31 Mr '66.

BLOOD—TRANSFUSION (Continued)

- Method of treating surgeon's hands and the flexor carpi ulnaris of the donor with "Novosept" without water. D. L. Osherevich, L. B. Stepanova. *Probl. gemat. i perel. krovi* 11 no. 1:52-54 Ja '66.
- Pathogenesis and treatment of complications caused by transfusion of infected blood. I. R. Petrov, V. A. Bondina. *Probl. gemat. i perel. krovi* 11 no. 3:18-24 Mr '66.
- Pathological-anatomical analysis of posttransfusion kidney insufficiency. O. A. Zakharova. *Probl. gemat. i perel. krovi* 11 no. 3:40-45 Mr '66.
- Prevention of posttransfusion complications. A. N. Filatov. *Probl. gemat. i perel. krovi* 11 no. 3:5-7 Mr '66.
- Transfusion of heterogeneous blood in horses. M. D. Kharchenko. *Trudy Mosk. vet. akad.* 10:70-77 '66.
- Types of the clinical course of acute renal insufficiency in transfusion of incompatible blood. V. A. Agranenko, Urol. i nefr. no. 3:9-16 '65.
- Use of blood preserved in highly diluted solutions in surgical practice. I. M. Dumin. *Vest. khir.* 96 no. 4:62-64 Ap '66.
- Use of plasma obtained by the plasmapheresis method in hemophilia A. G. M. Abdullayev, Z. R. Maller, I. N. Kozhevnikov. *Probl. gemat. i perel. krovi* 11 no. 4:15-19 Ap '66.

BLOOD AS FOOD OR MEDICINE

- Effect of the blood of pregnant mares on the sperm production of boars. K. L. Levin. *Veterinariia* 42 no. 4: 66-69 Ap '66.
- Hormonal activity of pregnant mare's blood. P. I. Shatalov, V. M. Krivul'ko, E. R. Akimov. *Veterinariia* 43 no. 5: 73-74 My '66.
- Luteinizing factor and the hormonal properties of pregnant mare's serum. E. L. Gorev. *Veterinariia* 43 no. 5:70-72 My '66.
- Treating bronchopneumonia in calves with heterogeneous blood. B. N. Zhilinskii. *Uch. zap. Viteb. vet. inst.* 18:266-269 '64.

BLOOD CELLS

- Effect of heliophysical factors on the cellular composition of the blood. B. A. Ryvkin. *Probl. gemat. i perel. krovi* 11 no. 1:24-25 Ja '66.

BLOOD PLASMA

- Binding of hydrocortisone by the plasma of estrogenized guinea pigs. N. A. Iudov, V. B. Rozen, A. S. Mikosha. *Probl. endok. i gorm.* 10 no. 2:73-76 Mr-Apr '64.

BLOOD PLASMA SUBSTITUTES

- Treatment of experimental botulin poisoning with low-molecular polymer blood substitutes. Preliminary report. L. N. Zhuk. *Zhur. mikrobiol. i epid. i immun.* 41 no. 8:28-29 Ag '64.

BLOOD PLATELETS

- Effect of adenosine triphosphate and adenosine diphosphate on the morphology and functions of blood platelets in thrombasthenia. N. B. Cherniak, A. I. Isaakian, A. A. Tot'skaia. *Probl. gemat. i perel. krovi* 11 no. 4: 41-48 Ap '66.
- Study of the morphological characteristics of lyophilized thrombocytes. A. A. Tot'skaia, N. D. Ulanova. *Probl. gemat. i perel. krovi* 11 no. 3:49-51 Mr '66.

BLOOD PRESSURE

- Basal, normal, and supplementary blood pressure in healthy and hypertensive persons. T. E. Dobrotvorskaya. *Kardiologiya* no. 3:54-57 '64.

- Effect of some chloroethylamines and ethylenamines on the electrocardiogram and blood pressure in rabbits. A. P. Belikova, N. A. Kudryavina. *Farm. i toks.* 29 no. 2:213-215 Mr-Apr '66.

- Importance of arterial blood pressure indices in the control of the training of race horses. A. A. Laskov, S. S. Lapidus, A. A. Kudryavtsev. *Trudy VNIIVS* 16: 321-327 '60.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PROTEINS

- Change in the content of proteins and protein fractions of the blood serum in trauma complicated by shock and hemorrhage. F. V. Kuz'mina, I. M. Mailunas. *Vest. khir.* 96 no. 4:65-66 Ap '66.
- Change in the quantity of protein and protein fractions of sheep serum under the effect of oxytetracycline. A. S. Vil'chinskaya. *Uch. zap. Viteb. vet. inst.* 18:259-265 '64.
- Changes in the total protein and major protein fractions in the serum of calves. A. N. Egorov, E. A. Ostrovskaya. *Veterinariia* 43 no. 5:58-60 My '66.
- Clinical significance of studying C-reactive protein in tuberculous meningitis in children. G. P. Petrova. *Probl. tub.* no. 7:62-65 '65.
- Determination of the coefficient of cholesterol strongly bound with proteins in dry blood serum. O. N. Nikol'skaya. *Labi delo* no. 4:207-210 '66.

- Dynamics of protein and its fractions in the blood serum of swine after their active immunization against hog cholera. Dzh. R. Sadikhov. *Trudy VNIIVS* 16:242-250 '60.

- Electrophoretic characteristics of serum proteins of animals with transplantable tumors. T. A. Goriukhina, N. N. Shaitina. *Vop. onk.* 12 no. 5:71-76 '66.
- Stability of cholesterol binding in cholesterol-protein complexes of the blood serum in Itsenko-Cushing's disease. A. M. Lobanova. *Probl. endok. i gorm.* 12 no. 3:11-14 My-Je '66.

BLOOD TUMOR see Hematoma

BLOOD VESSELS

- Angiology. V. A. Val'dman. *Kardiologiya* no. 5:68-70 '64.
- Arteries and veins of the withers of a horse. P. I. Melikhin. *Trudy Mosk. vet. akad.* 10:218-242 '66.
- Effect of trypsin and chymotrypsin on the respiration and contraction of the vascular wall. N. S. Mishchenko, K. N. Veronchenko, A. I. Kizim. *Pat. fiziol. i eksp. terap.* 10 no. 2:61-64 Mr-Apr '66.

BLOOD VESSELS—SURGERY

- Methodology of the construction of anastomoses using the PKS-25 apparatus. B. E. Petersen. *Vest. khir.* 96 no. 4:138-139 Ap '66.

BLOODLETTING

- Vasomotor responses to reduced glycemia level and blood-letting. T. V. Popova. *Fiziol. zhur.* 50 no. 10:1245-1255 O '64.

BOARDING SCHOOLS

(see also subdivision under Great Britain)

- Levinson, B. G. [A reform of educational work in boarding schools for deaf children] *Perestroika vospitatel'noi raboty v shkole-internate dlia glukhikh detei*. Pod red. S. A. Zykhova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 77 p. (Pedagogicheskie chteniia)

BOARS

(see also subdivision under Soviet Far East)

- Castrating large boars with blind suturing of the castration wounds. G. S. Mastyko, E. M. Bagrinovskaya, V. M. Laktionov. *Uch. zap. Viteb. vet. inst.* 18:321-322 '64.
- Effect of the blood of pregnant mares on the sperm production of boars. K. L. Levin. *Veterinariia* 42 no. 4: 66-69 Ap '66.

BOATS AND BOATING—EQUIPMENT AND SUPPLIES

- The gain in time. A. Minkh. *Tekh. i vooruzh.* 24 no. 4:56-57 Ap '66.

BOBRUYSK (WHITE RUSSIA)—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

- Contribution of mechanical engineers. I. I. Vinogradov. *Prom. Bel.* 9 no. 1:51-52 Ja '66.

BODY FLUIDS

- Seasonal changes in extracellular fluid metabolism in greater gerbils and yellow suslik. A. K. Atadzhikov, E. P. Serebriakov. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 2:67-69 '66.

BODY SIZE

- Body proportions of whales in the Bally Islands region of Antarctica. I. P. Golubovskii. *Zool. zhur.* 45 no. 5: 781-784 '66.

BODY TEMPERATURE—REGULATION

- Changes in the functional state of the thermoregulation center in overheating and following overheating. F. P. Sultanov. *Pat. fiziol. i eksp. terap.* 10 no. 2:23-38 Mr-Apr '66.
- Comparative significance of skeletal musculature and the intestine in chemical thermoregulation. K. P. Ivanov, D. A. Rashevskaya. *Fiziol. zhur.* 51 no. 2:197-203 F '65.
- Critical notes on B. I. Kadykov and S. I. Liutinskii's article "Dynamic changes in the temperature of the skin, liver, and rectum in experimental fever." P. N. Veselkin. *Pat. fiziol. i eksp. terap.* 10 no. 2:100-102 Mr-Apr '66.
- Dynamic changes in the temperature of the skin, liver, and rectum in experimental fever. B. I. Kadykov, S. I. Liutinskii. *Pat. fiziol. i eksp. terap.* 10 no. 2:10-14 Mr-Apr '66.
- Effect of aminazine block of the reticular formation of the brainstem section on the reactivity of the thermoregulation centers. L. I. Gorbatshevich. *Fiziol. zhur.* 52 no. 5: 582-587 My '66.
- Skin temperature and its changes under the effect of iodine bromide baths. T. F. Rezne. *Vop. kur., fizioter. i lech. fiz. kul't.* 29 no. 5:435-439 S-O '64.
- Temperature variation curve of the salivary glands in dogs at rest in the absence of alimentary stimulation. N. I. Yakoluk. *Fiziol. zhur.* 52 no. 5:529-533 My '66.
- Thermal balance in the bladder. J. Mates. *Vop. kur., fizioter. i lech. fiz. kul't.* 29 no. 5:431-433 S-O '64.

BOGUSLAV REGION (UKRAINE)—SNOW SURVEYS

- Effect of meteorological conditions on the character of snow cover in a river basin. M. S. Deleur. *Trudy Ukr-NIGMI* no. 58:52-56 '66.

- Snow melting and the water yield from snow in the basin of the Dovzhik Gorge in the spring of 1964. M. S. Deleur. *Trudy Ukr-NIGMI* no. 58:59-62 '66.

BOHR, NIELS HENRIK DAVID, 1885-1962

- Rutherford and Bohr. D. S. Danila. *Priroda* 55 no. 5:96-108 My '66.

BOILERS

- Additive VNIIP-102 for mazut fired boilers. L. I. Samoilov. *Energomashstroenie* 12 no. 4:29-30 Ap '66.
- Burners for burning natural gas, coke gas, and blast furnace gas in boiler furnaces. I. A. Kirillov. *Energ. tekhn.* 14 no. 5:39-43 My '66.
- Choice of parameters and unit power ratings of power equipment. I. V. Shapiro. *Energomashstroenie* 12 no. 4:42-43 Ap '66.
- Choice of the initial parameters of steam for large serially produced units. A. G. Ryss, T. I. Ozeran. *Elek. sta.* 36 no. 3:8-13 Mr '65.
- Effect of the initial unevenness on the stressed state of the boiler of a tank carrying an internal pressure load. V. N. Koturanov. *Trudy MIIT* no. 10:1228-234 '65.
- Suytkin, V. V. [Handbook on the adjustment and operation of the automatic equipment of gas-fired heating boilers] *Rukovodstvo po naladke i ekspluatatsii avtomatizirovannykh otoplenykh kotlov i nykh*. Leningrad, Nedra, 1965. 175 p. (Biblioteka masters gazovokhizstva)
- Standardization of regulating injector valves. V. N. Cherniak. *Elek. sta.* 37 no. 3:19-21 Mr '66.
- Waste-heat boilers of double co-axial pipes. G. M. Levin. *Trudy Kish. politekh. inst.* no. 2:44-151 '64.

BOILERS—CLEANING

- Prestart acid-hydrazine cleaning of 200 Mw. block. V. Storonskii. *Elek. sta.* 36 no. 3:70-73 Mr '65.

BOILERS—CORROSION

- Protection of high-pressure boilers from nitrite corrosion by treating feedwater with hydrazine. L. L. Tomash. *Elek. sta.* 36 no. 3:19-21 Mr '65.

BOILERS—DESIGN AND CONSTRUCTION

- (see also subdivision under Konakovo, Kalinin Province)
- Installing a PTVM-100 boiler, using building methods. N. F. Gusev, V. M. Mishin. *Energ. stroi.* no. 2:26-29 '65.
- Installing a TGM-94 boiler unit, using a gantry crane. *Energ. stroi.* no. 2:29-33 '65.
- Russia (1923— U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] *Stroitel'nye normy i pravila*. Moskva, Stroizdat.
- PL 2. Sec. G. Ch. 9. [Boiler systems; design specifications] *Kotel'nye ustanovki; normy proektirovaniia (SNiP II-G, 9-65)*. 1965. 19 p.

BOILERS—INCURSTATIONS

- Investigating steel corrosion caused by mineralized feedwater in high-pressure boiler units. L. Z. Makinskii, S. A. Logunova. *Za tekhn. prog.* 4 no. 12:39-31, 42 19 '61.

BOILERS—LAWS AND REGULATIONS

- Operation of steam boilers. *Okhr. truda i soiz. strakh.* 8 no. 3:45-46 Mr '65.

BOILERS—RELIABILITY

- Vaukov, A. K. [Reliability and economic efficiency of gas and black-oil fired boilers] *Nadezhnost' i ekonomichnost' kotlov dlia gaza i mazuta*. Moskva, Energiia, 1966. 367 p.

BOILERS—SAFETY MEASURES

- Economic efficiency of operational safety controls of boilers and turbines. B. I. Batov, I. A. Krichenova, D. V. Smagin. *Elek. sta.* 37 no. 3:2-7 Mr '66.

BOILERS—TESTING

- Methods for operational and adjustment tests of boiler systems using an express method. O. I. Osolov, A. G. Ivanov, A. A. Popov. *Elek. sta.* 36 no. 3:13-16 Mr '66.

BOILERS—WATER SUPPLY

- Feeding of boilers with high and medium pressure with highly mineralized water. I. Z. Makinskii and others. *Energomashstroenie* 12 no. 4:10-22 Ap '66.

BOILERS, MARINE

- Arrangement of a smooth-tube bundle of the steam superheater in the gas conduit of a marine boiler. N. I. Denisenko. *Trudy TSNIIMF* no. 68:60-71 '65.
- Changes in the salt content of saturated steam due to variable operating conditions of marine boilers. A. K. Gol'denon. *Trudy TSNIIMF* no. 68:60-65 '65.
- Determining the salt content of steam. K. Kornilov. *Mor. flot* 24 no. 1:27-28 Ja '64.
- Feedwater quality of marine steam boilers. P. Sobolev, E. Maksimova. *Rech. transp.* 23 no. 2:28-27 F '64.
- Some characteristics of the performance of the KV-5 boilers under conditions of transient regimes. S. Belitskii. *Rech. transp.* 23 no. 2:33-26 F '64.

BOILERS, MARINE—CLEANING

Investigating the conditions of acid cleaning of parts of ship mechanisms. V. A. Orlov. Trudy TSNIIMF no. 68: 45-59 '65.

BOLOMETER

Device with a transistor bolometer for microactionometry. V. G. Karmanov, E. P. Rihova. Sbor. trud. po agron. fiz. no. 12:195-203 '65.

BOLTIN, EVGENII ARSEN'EVICH

Defense of a doctoral dissertation. N. Lebedev. Voen.-ist. zhur. 8 no. 4:115-116 Ap '66.

BOLTS AND NUTS

(see also subdivision under Krivoy Rog Basin)

Use of high-strength bolts in the assembly of the steel elements of a standard converter plant. V. Vasil'ev, I. Vishnevskii, L. Tsai'man. Prom. stroi. i inzh. soor. 6 no. 3:28-31 My-Je '64.

BONCH-BRUEVICH, MIKHAIL ALEKSANDROVICH,

1888-1940

Roginskii, V. Iu. Mikhail Aleksandrovich Bonch-Bruvich. Moskva, Nauka, 1966. 154 p. (Nauchno-biograficheskaia seriya)

BONDI, SERGEI MIKHAILOVICH

In the A. S. Pushkin Museum. V. Nepomlashchii. Teatr 25 no. 9:87 S '64.

BONE GRAFTING

Characteristics of the surgical technique in the transplantation of the articular ends of large tubular bones. A. A. Kozh, R. R. Talyshinskii. Vest. khir. 96 no. 4:104-110 Ap '66.

Experimental study of prepared cortical autotransplant in the healing of defects of the long tubular bones. V. P. Babii. Vest. khir. 96 no. 4:126-129 Ap '65.

Use of preserved homogenous bones in the treatment of fractures. S. S. Tkachenko. Vest. khir. 96 no. 4:100-104 Ap '66.

BONE IMPLEMENTS see subdivision under Ivanovo Province

BONE MARROW see Marrow

BONES—CANCER

Role of a tomographic examination in the diagnosis of metastasis of cancer of the breast to the bones. M. A. Aliev. Azerb. med. zhur. 42 no. 5:41-46 My '66.

BONES—DISEASES

Meliorheostosis (Leit's disease). S. S. Avedisov, M. I. Stepak. Vest. khir. 96 no. 4:139-140 Ap '66.

Vascular tumors of the skin associated with bone changes. F. I. Lapidus, S. A. Pokrovskii. Vest. rent. i rad. no. 2:59-62 '64.

BONES—SURGERY

Results of surgical treatment of bone tuberculosis in its acute stage in adults. D. G. Ermakov, I. A. U. Lobko, I. A. Sipko. Khirurgiia 42 no. 2:45-48 F '66.

Treatment of complicated fractures of some bones of the pelvic girdle in horses. M. V. Plakhotin. Trudy Mosk. vet. akad. 10:59-64 '56.

BONES—TRANSPLANTATION

Method of embedding bone tissue in paraffin. V. S. Silyun. Ortop. travm. i protez. 25 no. 10:67-69 O '64.

BONES—TUBERCULOSIS

(see also subdivision under Kostroma Province)

Results of surgical treatment of bone tuberculosis in its acute stage in adults. D. G. Ermakov, I. A. U. Lobko, I. A. Sipko. Khirurgiia 42 no. 2:45-48 F '66.

BONES—TUMORS

Homophilic pseudotumors of the skeleton. E. Z. Novikova, G. M. Abdullayev. Probl. geniat. i perel. krovi 11 no. 4: 20-35 Ap '66.

Plastic surgery for the repair of cavities and defects following removal of bone tumors in children. L. V. Prokopyeva. Vest. khir. 96 no. 4:122-126 Ap '66.

BONES—WOUNDS AND INJURIES

Effect of parathyroidectomy on the posttraumatic regeneration of bone tissue. A. I. Volozhnyi. Pat. fiziol. i ekap. terap. 10 no. 2:73-76 Mr-Apr '60.

BONUS SYSTEM

An economic experiment in mines of the "Luganskugol" Combine. A. P. Stepanov, V. P. Mogilin, G. A. Dats', Ugol' 41 no. 5:47-51 My '66.

In the Institute of Economics of the Academy of Sciences of the U.S.S.R. Economic stimulation of technological progress. Sots. trud. 11 no. 5:140-149 '66.

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots. trud. 11 no. 5:140-143 '66.

Methodological instructions for transferring individual industrial enterprises to the new system of planning and economic stimulation in 1966; a sequel. Ekonom. zhizn' 8 no. 4:31-38 Ap '66.

Methodological instructions for working out regulations on issuing bonuses to workers of individual industrial enterprises which are being transferred to the new system of planning and economic stimulation of industrial production in 1966. Nar. khoz. Kazakh. 24 no. 3:89-93 Ap '66.

New conditions for industrial development and issuing bonuses to engineering and technical workers. E. Vasil'ev, V. Khokhlov. Sots. trud. 11 no. 5:16-24 '65.

Practice in preparation for the transfer to the new system of planning and economic stimulation. Sots. trud. 11 no. 5:122-126 '65.

Regulations concerning bonuses. Biol. stroi. tekhn. 27 no. 3:39-39 Mr '65.

Use of a piece-rate bonus system of payment for work on refrigerator floating bases. V. Burmeister, Ryb. khoz. 42 no. 3:74-76 '66.

BOOK CLUBS see subdivision under Kharkov

BOOKBINDING

Blkova, K. M. [Seamless fastening of books] Besshveitnoe skreplenie knig. Moskva, Kniga, 1965. 114 p. (Biblioteka poligrafista)

BOOKPLATES see subdivision under Latvia

BOOKS see subdivision under Ukraine

BOOKS—REVIEWS

[Chronicle of reviews] Let. rets. no. 2 '66.

BOOKS AND READING

You and the printed word. V mire knig 6 no. 4:6-7 Ap '66.

BOOKSELLERS AND BOOKSELLING

(see also subdivision under Estonia; Gorkiy; Leningrad Province; Moscow; Penza Province; Saratov Province; Ukraine; Uzbekistan)

Creative quests. Knizh. tor. 17 no. 5:11-14 My '66.

Local publications should be sold in all republics. N. Savin. Knizh. tor. 17 no. 5:20-21 My '66.

Methodological principles of planning the bookselling. A. Kuznetsov. Knizh. tor. 17 no. 5:36-41 My '66.

Orders by telephone. A. T. Sukanov. Knizh. tor. 17 no. 5:23 My '66.

Ten-day festivals of the literatures of fraternal countries. IU. Subbotin. Knizh. tor. 17 no. 5:22 My '66.

BOOKSELLERS AND BOOKSELLING—EDUCATION AND TRAINING

Some suggestions to those who apply for admission to our institutions of higher education. K. Elagina. Knizh. tor. 17 no. 5:42 My '66.

BOOKSTORES see subdivision under Fergana; Moscow

BOOTS AND SHOES

Fashion shoes of 1967. K. Gulaeva. Sov. potreb. koop. 10 no. 5:61-63 My '66.

BORATES

Isotermia of sorption on anion exchangers and the electrophoretic mobility of borate complexes of some carbohydrates. K. K. Ivanov, I. V. Shibaeva. Biokhimiia 31 no. 2:342-347 Mr-Apr '66.

BORDEAUX MIXTURE

How to prepare Bordeaux mixture. P. Ruzinov. Zashch. rast. 11 no. 5:40-41 '63.

BORIC ACID

Synthesis of nitroalkyl esters of boric acid. L. M. Kozlov, V. I. Burmistrov, T. P. Telkova. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:63-64 '66.

BORING

(see also subdivision under Krasnoyarsk Hydroelectric Power Station)

[Boring and blasting in transportation construction] Burorzyvnye raboty na transportnom stroitel'stve. [By] I. A. Kh. Esterov i dr. Moskva, Transport, 1960. 308 p.

Determining the heat-transfer factor in boreholes drilled 7000 m deep. S. M. Kuliev, B. I. Es'man, G. G. Gabuzov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 3:123-133 '64.

Drilling of directional holes in underground coal gasification. G. D. Drozdov, I. V. Korolev, V. I. Pronin. Razved. i okh. nedr 31 no. 9:25-28 S '66.

Driving holes in frozen ground during piling operations. V. N. Markulin, A. N. Badulin, I. U. P. Ratchkovskii. Mekh. stroi. 22 no. 4:21-22 Ap '65.

Effect of the deflection of drill pipes on the deformation of clay crust. A. E. Kuliev, A. I. Raghinov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 4:86-89 '65.

Effecting withdrawals in testing aquifers using an advanced method. A. G. Teslia. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:86-89 My '66.

Efficiency of diamond drilling and means of improving it. P. S. Dorofeev, V. I. Pantukov. Razved. i okh. nedr 31 no. 9:16-19 S '65.

Efficiency of using slot-type boreholes. G. S. Sheherbak, A. Anasbaev. Vryv. delo no. 59:16:83-94 '66.

Estimating the efficient use of the explosion energy with various parameters of boring and blasting operations. M. F. Drukovanyi, V. M. Komir, N. I. Miachina. Vryv. delo no. 56:16:70-76 '66.

Practice in slope drilling of holes with compressed air in prospecting for the purpose of engineering geology. E. F. Levin. Trudy Leningradskoi 2:168-173 '65.

Some problems in the selection of efficient parameters for boring and blasting operations in breaking off thin and very thin veins. Sh. N. Mamedov, T. Nurullaev. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 4:58-66 '65.

Special features in conducting boring and blasting operations under permafrost conditions. A. G. Bagdasarov. Energ. stroi. no. 40:37-39 '64.

Sulakhin, S. S. [Regularities of deflection and the directed drilling of geological exploration boreholes] Zakonomernosti iskrivleniya i napravlennoe burenie geologorazvedochnykh skvazhin. Moskva, Nauka, 1966. 202 p.

The value every minute of working time. IU. Rogozin. Neftianik 10 no. 5:11-12 Ag '65.

Voriman, Z. M. [Practices in rotary percussion drilling for water] Praktika udarno-kanatnogo burenia na vodu. Moskva, Nedra, 1966. 238 p.

BORING—EQUIPMENT AND SUPPLIES

Equipment for backflow diamond drilling. Z. A. Levin, V. I. Safranov. Razved. i okh. nedr 31 no. 9:50-52 S '65.

Mechanics of percussion rock breaking. A. F. Kichigin, I. A. Iantsen, P. N. Nestorenko. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:67-72 '65.

Preparation of boreholes for diamond drilling. I. A. Zhurav. Razved. i okh. nedr 31 no. 9:47-49 S '65.

BORING MACHINERY

(see also subdivision under Marmansk)

Deformation of the body of cumulative perforator in liquid medium. N. G. Grigorian. Prikl. geofiz. no. 43: 139-162 '65.

Drilling underground drainage holes with the NKR-100 semiautomatic drill. V. V. Papis, V. D. Pashchenko. Shkhit. stroi. 10 no. 4:23-24 Ap '66.

Further developments in boring and blasting operations at the Kola Peninsula mines. N. P. Shumkov, A. T. Sereda. Gor. zhur. no. 5:38-40 My '60.

Measuring the boring speed of rotary drills with the aid of transmitting mag-slips. A. A. Zhukovskii. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:121-125 '63.

BORING MACHINERY—TESTING

Economic efficiency of the complex drilling of holes with the BUKS-1 boring machine. R. G. Mordukhovich. Gor. zhur. no. 5:50-51 My '60.

BORNEO—RODENTS—EXTERMINATION

Field rat control on Kalimantan Island. V. Bykovskii. Zashch. rast. 11 no. 1:51-52 '66.

BORON

Distribution of boron in potassium salts. M. Dlarov. Geokhimiia no. 5:594-599 My '66.

BORON CARBIDES

Crucibles made of boron carbide and sodium borate and others. Ogneupory 31 no. 5:52-53 '66.

BORON-MANGANESE ALLOYS see Manganese-boron alloys

BORON ORGANIC COMPOUNDS see Organoboron compounds

BORON OXIDES

Reaction of boric anhydride with barium and lithium fluorides. S. I. Berul', I. N. Nikonova. Zhur. neorg. khim. 11 no. 4:910-915 Ap '66.

BORON OXIDES—THERMAL PROPERTIES

Heat capacity of boric anhydride and sodium borate glasses at low temperatures. V. A. Turlakin, V. V. Tarasov. Zhur. neorg. khim. 11 no. 4:931-933 Ap '66.

BORON-SILICON ALLOYS see Silicon-boron alloys

BOTANICAL GARDENS

Development prospects of botanical gardens in the north of our homeland. V. P. Dobrokhvalov. Biol. Glav. bot. sada no. 59:113-114 '65.

BOTANICAL RESEARCH

250th anniversary of the V. L. Komarov Botanical Institute of the Academy of Sciences of the U.S.S.R. D. V. Lebedev. Izv. AN SSSR, Ser. biol. no. 3:461-464 My-Je '66.

BOTANICAL SOCIETIES see subdivision under Voronezh

BOTANY

(see also subdivision under Ayon Island; Chukchi Peninsula; Dezhnev, Cape; Kirov Province; Muostakh Island; Soviet Far East; Taymyr Peninsula; Tiksi Bay region; Ural Mountains; Valaam Island; Verkhoyansk Range)

Kursanov, L. I., and M. I. Golenkin. [Botany in two volumes] Botanika v dvukh tomakh. Moskva, Prosveshchenie.

Vol. 1. Kursanov, L. I., and others. [Plant anatomy and morphology] Anatomia i morfologiya rastenii. Izd. 7., ispr. i dop. Pod obshch. red. L. V. Kudrashova. 1966. 422 p.

BOTANY—ANATOMY

(see also subdivision under Kazakhstan)

Characteristics of the anatomical structure of stems and leaves in the species of Aconitum L. S. A. Tumanian. Biol. Glav. bot. sada no. 59:50-66 '65.

Study of the diagnostic characteristics of the roots and rootstocks of Anisodus luridus. O. T. Dachyshyn. Farmatsev. zhur. 21 no. 2:63-67 '66.

BOTANY—CLASSIFICATION

Epidermis of the leaf of Vitaceae and its systematic significance. I. G. Zubkova. Bot. zhur. 51 no. 2:278-283 F '65.

Significance of the polytomous principle in the taxonomy of animals and plants. P. Kh. Kiskin. Vred. i polez. fauna bespozv. Mold. no. 2:30-38 '65.

BOTANY—DICTIONARIES

Lietuvos TSR Mokslu akademijos. Vilna. Botanikos institutas. [Dictionary of botanical terms] Botanikos terminu zodinas. Redagavo J. Dagys, A. Lekavicius ir V. Malisauskienė. Vilnius, Mintis, 1965. 680 p. [In Lithuanian]

BOTANY—ECOLOGY

(see also subdivision under Kuybyshev Reservoir region; Rila Mountains)

Indicator plant method for compiling maps of restored vegetation. B. N. Gorbachev. Bot. zhur. 51 no. 4:531-546 Ap '66.

BOTANY—EMBRYOLOGY

Anomalies in the development of embryo sacs in apple tree. A. Ja. Radchenko. Dokl. AN SSSR 168 no. 1: 215-218 My '66.

Biology of flowering and embryology of Stipa. M. P. Solntseva. Trudy Bot. inst. Ser. 3 no. 17:133-150 '65.

Cytomixis in the process of microsporogenesis. E. I. Milhaeva. Biol. Glav. bot. sada no. 59:53-59 '65.

Development of the embryo in the seeds of Acanthopanax sessiliflorum (Rupr. et Maxim.) Seem. before their germination. I. A. Ivanova. Biol. Glav. bot. sada no. 59: 39-44 '65.

Development of the female gametophyte, the seed and fruit of ash (Fraxinus). Z. V. Nikolaeva. Bot. zhur. 51 no. 2: 233-251 F '66.

Formation of embryos in Papaver somniferum L. during in vitro cultivation of ovules. V. E. Poutovich, I. N. Sveshnikova. Fiziol. rast. 13 no. 1:105-113 Ja-F '66.

BOTANY—LABORATORY MANUALS

Pol'tovny's'kiy, P. M. [Field manual in botany] Pol'tovnyi praktikum z botaniki. Kyiv, Radlansk'a shkola, 1963. 200 p. fold. map (insert)

BOTANY—STUDY AND TEACHING

Usvalskan, A. V. [The study of house plants in the lower grades of auxiliary schools; a manual for the teachers of lower grades] Uchenie komnatnykh rastenii v mladshikh klassakh vspomogatel'noi shkoly; posobie dlia uchitelei nachal'nykh klassov. Izd. 2., ispr. i dop. Moskva, Prosveshchenie, 1966. 77 p.

BOTANY, ECONOMIC see subdivision under Abkhazia; Georgia; Ural Mountains

BOTANY, MEDICAL

(see also subdivision under Azerbaijan; Caucasus, Northern; Pereslavl'sky District)

Popov, O. P. [Medicinal plants in popular medicine] Likars'ki rosliny v narodni meditsyni. Kyiv, Zdorov'ia, 1965. 344 p.

BOTFLIES—EXTERMINATION

Effectiveness of dibrom in the control of botflies in reindeer. D. V. Savol'ev. Veterinarin 43 no. 5: 46-47 My '66.

BOTTLED GAS see Liquefied petroleum gas

BOTULISM

Characteristics of serological methods of detecting botulinum toxin. T. I. Butanova. Zhur. mikrobiol., epid. i immun. 41 no. 7:79-84 Ji '64.

Detection of botulin toxin of the E type in the body. T. I. Sergeeva. Zhur. mikrobiol., epid. i immun. 43 no. 4:54-59 Ap '65.

The effect of preliminary introduction of anatoxin on the resistance of mice to botulin toxin. Preliminary report. Zhur. mikrobiol., epid. i immun. 41 no. 7:39-42 Ji '64.

Significance of type E botulin toxin activation in the laboratory diagnosis of botulism. T. I. Butanova. Zhur. mikrobiol., epid. i immun. 41 no. 3:97-101 Ag '64.

Treatment of experimental botulin poisoning with low-molecular polymer blood substitutes. Preliminary report. L. N. Zhuk. Zhur. mikrobiol., epid. i immun. 41 no. 8:26-29 Ag '64.

BOUNDARY LAYER

Approximate solution of equations of the laminary boundary layer of the non-Newtonian fluid on a plate. K. I. Strakhovich, S. L. Lur'e. Izv. fiz. zhur. 10 no. 5:592-595 My '65.

Control of the boundary layer. L. F. Kozlov. Mor. shor. 49 no. 5:74-80 My '65.

Secondary instability of the boundary layer. L. M. Maseev. Trudy MII no. 222:64-70 '65.

BOUNDARY VALUE PROBLEMS

Boundary conditions and surface superconductivity. R. O. Zaitsev. Radio no. 4:1055-1063 Ap '65.

Case of an inverse mixed boundary value problem. O. M. Turovskii. Dokl. AN SSSR 168 no. 2:292-295 My '65.

BRACHIAL ARTERY

Arterial vessels of the brachial plexus of domestic animals. I. V. Khristaleva. Trudy Mosk. vet. akad. 10:261-279 '65.

BRACHIAL PLEXUS—WOUNDS AND INJURIES

Prognosis and choice of the method of treatment in closed lesions of the brachial plexus. K. A. Grigorovich. Vop. neirokhir. 30 no. 2:40-44 Mr-Ap '66.

BRACHIOPODA

(see also subdivision under Azerbaijan)

Statistical characteristics of the convexity of rectimarginate brachiopods. M. Ribel. Izv. AN Est. SSR, Ser. fiz.-mat. i tekhn. nauk 15 no. 1:144-149 '66.

BRADYKININ—PHYSIOLOGICAL EFFECT

Chemoreception and nociceptive effects of bradykinin. R. S. Sonina, V. M. Khalutin. Fiziol. zhur. 52 no. 5:547-555 My '66.

BRAIN

Activity of spinal cord neurons following stimulation of the hypothalamus and hippocampus. A. I. Shapovalov, B. A. Arutunian. Biol. eksp. biol. i med. 58 no. 12:3-11 D '64.

Cytochemical study of succinic dehydrogenase and alpha-glycerophosphate dehydrogenase distribution in the Dettler's nucleus of a rabbit. N. N. Kul'tas. Tsitologiya 6 no. 4:42-457 Ji-Ag '64.

Disorders in the function of the nervous system in dogs with Eck-Pavlov venous anastomosis. E. N. Speranskaya, N. F. Baranova. Fiziol. zhur. 50 no. 9:1083-1088 S '64.

Enzyme activity in the succinic oxidase system in the mitochondria of neurons in the auditory and visual cortex and cerebellum under conditions of relative rest and adequate stimulation. I. A. Vinikov, I. L. Zhinkin, S. A. Shekhtukov. Fiziol. zhur. 50 no. 11:1326-1334 N '64.

Free and bound urea in the brain. I. M. Agafonova, A. A. Krivevskaya, Z. S. Gershenovich. Dokl. AN SSSR 168 no. 2:456-458 My '66.

Hypothalamus-neurohypophysis-adrenal cortex system during prolonged corticosteroid therapy. N. K. Bogdanovich, E. V. Fleshtman. Arkh. pat. 28 no. 4:18-24 '66.

Nitrogen metabolism of the brain in rats under the effect of impulse accelerations. Z. S. Gershenovich and others. Vop. med. khim. 12 no. 3:262-268 My-Je '66.

Representation of visual and olfactory receptors and lateral line receptors in the fish brain. V. I. Gusevnikov, M. I. Onufrieva, A. Ia. Supin. Fiziol. zhur. 50 no. 9: 1104-1112 S '64.

BRAIN—ABNORMALITIES AND DEFORMITIES

Congenital anencephalia and meningomyelia on the basis of toxoplasmosis. N. I. Popova. Arkh. pat. 28 no. 3: 69-71 '66.

BRAIN—ABSCESS

Late abscesses of the brain caused by gunshot wounds. R. S. Neishtadt-Abramovich. Vop. neirokhir. 28 no. 3: 54-55 My-Je '64.

BRAIN—BLOOD SUPPLY

Effect of some hypotensive agents on the cerebral blood circulation. T. U. Liberman. Farm. i toka. 29 no. 2:140-142 Mr-Ap '66.

New method of recording cerebral blood circulation. V. A. Tokarzhevskii, I. A. Berkovskaya. Fiziol. zhur. 52 no. 5:601-603 My '63.

Oxygen tension and hemodynamics in the brain in fatal hemorrhage and subsequent resuscitation (experimental studies). I. U. M. Levin, D. I. Slovnikov. Biol. eksp. biol. i med. 58 no. 12:27-31 D '64.

BRAIN—CONCUSSION

Vestibular disturbances in brain concussions of various localization. A. P. Kobova. Vop. neirokhir. 28 no. 3: 12-15 My-Je '64.

BRAIN—DISEASES

Combined traumatic and spontaneous intracranial pneumocephalon. J. Witak. Vent. rent. i rad. no. 2: 73-74 '64.

Comparative evaluation of methods for complement fixation in the cold, double diffusion in agar and passive hemagglutination of the detection of antiserum antibodies in the serum of patients with neuropsychic diseases. N. I. Kuznetsova. Biol. eksp. biol. i med. 58 no. 12:90-93 D '64.

Structural and metabolic changes in the brain of animals with disorders of higher nervous activity following repeated administration of amphetamine. M. M. Aleksandrovskaia, I. U. Ia. Gelmman, L. G. Samoilova. Biol. eksp. biol. i med. 58 no. 9:80-86 S '64.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—LOCALIZATION OF FUNCTIONS

Trophic function of the animal brain. A. A. Gubin. Uch. zap. TGU 21:130-148 '64.

BRAIN—SURGERY

Changes in the bioelectric activity of the brain following surgery on its arteries. S. E. Gluzburg, E. I. Zlotnik. Vop. neirokhir. 30 no. 2:10-17 Mr-Ap '66.

Controversial problems in the diagnosis and surgery of cerebral tumors. I. S. Babchin. Vop. neirokhir. 30 no. 2:1-6 Mr-Ap '66.

Mechanism of the formation of hemiparetic commissure in dogs with the cerebral fissure. V. M. Alchiz, R. S. Rzhizhaskii. Dokl. AN SSSR 168 no. 3:716-717 My '66.

Pallidectomy and thalamectomy in the treatment of some diseases of the extrapyramidal system. D. G. Sherer, L. N. Nesterov. Vop. neirokhir. 28 no. 3:33-39 My-Je '64.

BRAIN—TUMORS

Clinical X-ray diagnosis of cerebral aneurysms and angiomas. A. M. Kun, L. S. Soskin. Vent. rent. i rad. no. 2:36-41 '64.

Controversial problems in the diagnosis and surgery of cerebral tumors. I. S. Babchin. Vop. neirokhir. 30 no. 2:1-6 Mr-Ap '66.

Diagnosis of arachnoid endothelioma in premature ossification of cranial sutures. V. M. Mikshin. Vent. rent. i rad. no. 2:72 '64.

Diagnostic significance of glycoproteins in the cerebrospinal fluid of patients with brain tumors. I. B. Makhmudov. Vop. neirokhir. 28 no. 3:49-52 My-Je '64.

Effect of munitin on the synthesis of nucleic acids of cerebral tumors in mice. M. Sh. Prongolov, L. I. Levenchenko, N. G. Lazareva. Vop. neirokhir. 30 no. 2: 53-56 Mr-Ap '66.

Functional state of the thyroid gland in brain tumors. I. N. Vinogradova, D. G. Palinkash. Vop. neirokhir. 20 no. 3:44-49 My-Je '64.

Medical tactics in cerebral tumors in pregnant women. N. D. Luk'lanova, I. I. Usovskii. Vop. neirokhir. 30 no. 2:58-59 Mr-Ap '66.

Metastasis of arachnoid endothelioma into the lungs. I. A. Samotokina, M. V. Tsyvkin. Vop. neirokhir. 30 no. 2: 57-59 Mr-Ap '66.

Pneumoventriculographic syndrome in tumors of the septum pellucidum. I. F. Ikhlerman. Vent. rent. i rad. no. 2:41-46 '64.

Syndrome of simultaneous rise of the protein level in the ventricular and lumbar fluid in tumors of the brain. A. M. Murzaev. Vop. neirokhir. 30 no. 2:49-53 Mr-Ap '66.

Treatment of sphenoidal leptomenigeal and cholesteatoma appearing as late sequelae of tuberculous meningitis. M. M. Vilkher. Probl. tub. no. 5:58-62 '64.

BRAIN—WOUNDS AND INJURIES

Correlations between the hypothalamo-hypophyseal and adrenal system during the acute period of a cerebrocranial trauma. N. I. Grashchenkov and others. Vop. neirokhir. 28 no. 3:1-5 My-Je '64.

Evaluation of pneumoencephalographic results in children. B. N. Klosevskii, V. R. Turin. Vent. rent. i rad. no. 2:32-36 '64.

Oxygen saturation of arterial and venous blood in acute closed cerebrocranial trauma; experimental and clinical study. N. D. Leizhan, V. A. Kozayev. Vop. neirokhir. 28 no. 3:8-12 My-Je '64.

Pneumoencephalography in the diagnosis of traumatic brain lesions. M. D. Gal'parin, B. N. Ilii. Vent. rent. i rad. no. 2:27-32 '64.

BRUCELLOSIS IN CATTLE

Epizootic significance of cows giving positive reactions for brucellosis long after their vaccination. G. G. Cherenin and others. Veterinaria 43 no. 5:20-21 My '66.
Some characteristics of the localization of antibodies in vaccinated animals and animals with brucellosis. V. S. Stepin. Veterinaria 43 no. 5:13-15 My '66.

BRUCELLOSIS IN SHEEP

Results of the eradication of brucellosis in sheep. G. N. Giotov, G. I. Giotova. Veterinaria 43 no. 5:22-25 My '66.

BRUSH see subdivision under Lithuania

BRUSHES, ELECTRIC

Increasing of the current density in the slip rings of electrical machines. I. A. F. Anisimov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:416-419 '66.

BRUSHES, ELECTRIC—TESTING

Method for testing slip rings under high vacuum conditions. M. L. Dridzo. Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:476-478 '66.

BYANSK PROVINCE—ALDER

Reproduction of black alder in the Byansk forest tract. V. I. Rukhtsov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1: 30-33 '66.

BYANSK PROVINCE—FOREST REPRODUCTION

Reproduction of black alder in the Byansk forest tract. V. I. Rukhtsov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1: 30-33 '66.

BYANSK PROVINCE—INDUSTRIAL HYGIENE

Special railroad car. V. I. Ivenkov. Okhr. truda i zds. strakh. 8 no. 3:16 Mr '66.

BYANSK PROVINCE—PRODUCE TRADE

High pledges. I. Khukhrikov. Zakup. sel'khoz. prod. no. 4:42-43 Ap '66.

BUCKWHEAT see subdivision under Ukraine

BUCKWHEAT—EXHIBITIONS

Masters of high buckwheat crops. I. Elagin. Inform. biul. VDNKH no. 5:24-25 My '66.

BUFFON, GEORGE LOUIS LECLERC, COMTE DE, 1707-1788

Knaev, L. I. [George Louis Leclerc de Buffon, 1707-1788]. Zhurnal L'et. de Buffon, 1707-1788. Moskva, Nauka, 1966. 264 p. (Nauchno-biograficheskaya seriya)

BUDAPEST—DESCRIPTION

Spring in Budapest. Vik. Kudriavtsev. Nov. vrem. 23 no. 2:126-27 Je '66.

BUILDING

(see also subdivision under Russia, Northern)

Makhach-Kala. Dagestanskii gosudarstvennyi universitet. [Collection of scientific papers on engineering and construction] Sbornik nauchnykh soobshchenii po tekhnike i stroitel'stvu. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965. 106 p.

Not only to do a propaganda job, but also to introduce all the new techniques in an efficient way. Na stroi. Ros. 7 no. 4:28-29 Ap '66.

Successes in assembly-line methods of construction. V. Ivanov, N. Chabanov, B. Shvets. Stroi. i arkh. 14 no. 4:1-8 Ap '66.

Zhgun, V. P. [Aid for the assembler of large-panel buildings; a manual for improving the skill of workers in housing construction combines]. V pomoshch' montazhniku krupnopanelynykh zdaniy; posobie po povysleniiu masterstva rabochikh DSK. Leningrad, Stroizdat, 1966. 110 p.

BUILDING—COLD WEATHER CONDITIONS

Eizenov, S. G. [New developments in the technology of winter insulating operations using nonfreezing cold asphaltic mastics]. Novoe v tekhnologii zimnikh izolatsionnykh rabot s primeneniem nezamerasushchikh kholodnykh asfal'tovykh mastik. Leningrad, 1965. 27 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Stroitel'noe proizvodstvo)

BUILDING—EQUIPMENT AND SUPPLIES

Dismountable, block, and mobile temporary structures for building sites. K. Goltysynskii, M. Riad'ko. Prom. stroi. i inzh. soor. 5 no. 8:40-51 N-D '63.

BUILDING—ESTIMATES

(see also subdivision under Uzbekistan)

Guide materials on problems of computing budgetary costs and on calculations for finished construction and assembling work. Na stroi. Ros. 7 no. 4:32 Ap '66.

Verification of documentation on construction. A. Pozdnikov. Dost. i kved. 24 no. 5:67-71 My '66.

BUILDING—SAFETY MEASURES

Labor protection and safety engineering. V. Areshkovich. Stroi. i arkh. 14 no. 4:3-4 Ap '66.

Safety measures on construction sites. E. Grechshnikova. Inform. biul. VDNKH no. 5:19-21 My '66.

BUILDING—TECHNOLOGICAL INNOVATIONS

Try it yourself. Sel'. stroi. 18 no. 4:27 Ap '64.

BUILDING, IRON AND STEEL

Assembling the steel frame of a shipyard with continuous span pieces. A. Z. TSifirnovich. Prom. stroi. 43 no. 5:22-26 '66.

Characteristics of the calculation of prestressed metal elements under a sliding load. Yu. V. Gaidarov. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 3:1-8 '66.

BUILDING, WOODEN see subdivision under Czechoslovakia

BUILDING BLOCKS

Manufacturing large hollow blocks in brick factories. I. S. Kashkaev, P. P. Sinitskii. Stroi. mat. 11 no. 3:18 Mr '65.

BUILDING FAILURES

Deformation of a building as a result of the freezing of the foundation soil. B. I. Kochengin, B. N. Mol'nikov. Prom. stroi. 43 no. 5:41-42 '66.

BUILDING MACHINERY see Construction equipment

BUILDING MATERIALS

Calculating structural elements on the basis of a new method of the approximate solution of differential equations. D. I. Shil'kut. Trudy Kish. politekh. inst. no. 2:49-70 '64.

Efficient use of light aluminum alloys in moving structures. N. Pisanko. Prom. stroi. i inzh. soor. 5 no. 6: 36-40 N-D '63.

Fire resistance of polymer building materials. A. G. Anokhin. Stroi. mat. 11 no. 3:22-23 Mr '65.

On the road to new materials. L. Slesin. Zhil. stroi. no. 8:30 '64.

Ural'skii nauchno-issledovatel'skii i proektnyi institut stroitel'nykh materialov. [Building materials and products from metallurgical slag; theoretical and experimental studies] Stroitel'nye materialy i izdeliia iz metallurgicheskikh shlakov; teoreticheskie i eksperimental'nye issledovaniia. Pod obshech. red. A. A. Marchenko. Nauchn. red. L. A. Vladimirova. Moskva, Stroizdat, 1965. 205 p.

Using dehydrated clays in mixes with caustic magnesite in the production of autoclave building materials. E. I. Ved', E. F. Zharev, I. M. Priimakov. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 2:69-73 '65.

BUILDING MATERIALS—EXHIBITIONS

"Arbolt" as building material. I. Mizina. Inform. biul. VDNKH no. 5:16-17 My '66.

BUILDING MATERIALS—TESTING

Recent developments in testing and studying structural elements. K. Kucherenko, V. Skatynskii. Prom. stroi. i inzh. soor. 5 no. 6:30-32 N-D '63.

BUILDING MATERIALS INDUSTRY

(see also subdivision under Lithuania; Moscow; Novosibirsk Province; Ukraine; Zmelnka, Ryazan Province)

Awards to production personnel, scientists, and designers. Stroi. mat. 11 no. 3:30-31 Mr '65.

Conditions for successfully introducing the results of research in industry. L. K. Petrov. Stroi. mat. 11 no. 3: 3-6 Mr '65.

Disseminate everywhere the achievements of Moscow and Leningrad workers. Stroi. mat. 11 no. 3:1-2 Mr '65.

Making provision in plans for the extensive use of the achievements of science. D. D. Sarmeli. Stroi. mat. 11 no. 3:6 Mr '65.

Regime of savings and efficiency in production. Stroi. mat. 12 no. 4:1-3 Ap '66.

BUILDING MATERIALS INDUSTRY—PRODUCTION

Methods
Russia (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniam. [Technology of metals and other building materials; program, methodological instructions, and test assignments for mechanics specialty students attending higher correspondence schools, faculties and departments] Tekhnologiya metallov i drugikh konstruktivnykh materialov; programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia studentov mekhanicheskikh spetsial'nostei zaочnykh vysshikh uchebnykh zavedenii, fakul'tetov i otdelenii. [By V. T. Zhadan and B. G. Grinberg] Moskva, Vysshaya shkola, 1965. 113 p.

BUILDING MATERIALS INDUSTRY—QUALITY CONTROL

Introducing nondestructive methods of testing in quality control of elements. Zhil. stroi. tekhn. 27 no. 3:7-9 Mr '66.

BUILDING MATERIALS INDUSTRY—SCHEDULING

Network scheduling and management in the building materials industry. E. K. Rala. Stroi. mat. 12 no. 4:15-16 Ap '66.

BUILDING MATERIALS PLANTS

(see also subdivision under Soviet Central Asia; Tselinograd)

Pavlov, V. F., and N. M. Nikiforova. [Thermal engineering and thermal power equipment for factories in the building materials and elements industry] Teplotekhnika i teplotekhnicheskoe oborudovanie zavodov promyshlennosti stroitel'nykh materialov i izdelii. Moskva, Vysshaya shkola, 1965. 571 p.

BUILDING MATERIALS PLANTS—DESIGN AND CONSTRUCTION

(see also subdivision under Tashkent)

Accelerate the construction of enterprises of the construction industry. Stroi. trubitoprov. no. 6:4 Je '65.

BUILDING RESEARCH

Fruits of creative research. Na stroi. Ros. 7 no. 4:27 Ap '65.

Principal research work in 1965. N. P. Bylinkin. Zhil. stroi. tekhn. 27 no. 3:21-24 Mr '65.

What the institutes are working on. N. N. Zhenitshek. Stroi. mat. 11 no. 3:7-8 Mr '65.

BUILDING STONES

Prospects for industrializing the manufacture of facing stone. Z. A. Atagorolian, K. G. Simonian. Stroi. mat. 11 no. 3:20-30 Mr '65.

BUILDINGS—DESIGN AND CONSTRUCTION

Economic characteristics of buildings on sagging soil. S. Kligerman. Stroi. i arkh. 14 no. 4:12-13 Ap '66.

BUILDINGS, PREFABRICATED

(see also subdivision under Moscow; Upper Tula Hydroelectric Power Station)

Interchangeability of architectural elements of large-panel buildings. V. P. Solov'ev. Stroi. i arkh. [Sbornik] no. 4:53-61 '66.

Makhov, L. M. [Structural elements of the present and the future] Stroitel'nye konstruktivnye nastoiashchego i budushchego. Moskva, Stroizdat, 1965. 99 p. (Nauchno-populiarnaya seriya)

Office and employees' buildings of industrial enterprises constructed from three-dimensional elements. N. Plokhov and others. Prom. stroi. i inzh. soor. 5 no. 8:9-13 N-D '63.

Standardization of three-dimensional structural parts of buildings. A. K. Chechel'nistakii. Stroi. i arkh. [Sbornik] no. 4:62-68 '66.

Standardized sections for temporary buildings and structures. Zhil. stroi. tekhn. 27 no. 3:1-2 Mr '65.

BUKATCHUK, SOZONT VASYLOVYCH, 1896-1948

A fighter for the well-being of our people; the 70th anniversary of S. V. Bukatchuk's birth. V. R. Tverchikhin. Ukr. ist. zhur. 10 no. 5:131-133 My '66.

BUKHARA—CITIES AND TOWNS

Bukhara, O. A. [Bukhara in the 10th and 20th centuries; the cities of the late feudal period and their population] Bukhara XIX-XX v.; pozdnefeodalnyi gorod i ego naselenie. Moskva, Nauka, 1966. 327 p.

BUKOVINA—BRICK INDUSTRY

With these resources it was possible to double the brick output. V. M. Struk. Stroi. mat. 12 no. 4:23 Ap '66.

BUKOVINA—ECONOMIC POLICY

Improvement and development of Soviet Bukovina. M. Andriashyn, M. Biduk. Ekon. Rad. Ukr. 9 no. 4:5-9 Ap '66.

BUKOVINA—POETS, UKRAINIAN

A national bard of Bukovina; on the 130th anniversary of S. I. Vorobkevych's birth. I. P. Sereduk. Ukr. ist. zhur. 10 no. 5:136-137 My '66.

BUKOVINA—UKRAINIAN NEWSPAPERS

Against monotony and dullness. V. Kushnir. Koiner. Ukr. 40 no. 5:85 My '66.

BULGARIA—AGRICULTURAL MACHINERY

Exhibits of the People's Republic of Bulgaria. Tekhn. sel'khoz. 26 no. 4:68-91 Ap '66.

BULGARIA—ANTIQUITIES

Azmashka Mogila, a multilayer settlement near the city of Stara Zagora. G. R. Georgiev. Krat. soob. Inst. arkh. 100, 106:3-10 '66.

BULGARIA—BIBLIOGRAPHY

[New literature on Bulgaria] Nov. lit. po Bolg. no. 4 '66.

BULGARIA—CRUSHING MACHINERY

Operational study of a pulverizing plant with an ATM 2000/3230/735 main mill in grinding Bulgarian lignite. B.N. Muravkin, A.I. Svetanski. *Elek. sta.* 37 no. 3: 29-35 Mr '66.

BULGARIA—ELECTRIC POWER PLANTS

Operational study of a pulverizing plant with an ATM 2000/3230/735 main mill in grinding Bulgarian lignite. B.N. Muravkin, A.I. Svetanski. *Elek. sta.* 37 no. 3: 29-35 Mr '66.

BULGARIA—KAOLIN

Beneficiation of kaolins by the vibration method. S. Stoev, N. Kolev. *Ogneupory* 31 no. 4: 61-64 '65.

BULGARIA—MERCHANT MARINE

Development of the merchant marine of Bulgaria. A. Nikol'skii. *Mor. flot* 24 no. 142-43 Ja '64.

BULGARIA—MUSIC—INSTRUCTION AND STUDY

From the experience of friends. O. Sveshnikova. *Sov. muz.* 30 no. 4: 127-132 Ap '66.

BULGARIA—Q FEVER

Q fever in Bulgaria. A. Mitov, L. Shindarov, V. Serbozov, Zhur. mikrobiol., epid. i immun. 41 no. 8: 101-106 Ag '64.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA

The role of the Union of Bulgarian-Soviet Societies in the strengthening of friendship and brotherhood among the peoples of the Soviet Union and the People's Republic of Bulgaria. V. A. Aydeev. *Uch. zap. Ped. inst. Gerts.* no. 238: 221-238 '66.

BULGARIA—SCREW CUTTING

A fine pitch. *Izobr. i v. s.* no. 4: 4-5 Ap '66.

BULGARIA—STRAWBERRIES

New commercial strawberry varieties of the Bulgarian People's Republic. L. Khristov, A. I. Kochurova, R. Panova. *Kons. i ov. prom.* 21 no. 5: 36-44 My '66.

BULGARIA—VETERINARY HELMINTHOLOGY

Veterinary helminthology in the Bulgarian People's Republic. D. N. Antipin. *Veterinaria* 43 no. 5: 106-108 My '66.

BULGARIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS

Neyerov, S. V. [Concise Bulgarian-Russian phrase book] *Kratkii bulgaro-ruski razgovornik*, 3. izd. Moskva, Kn-vo na chuzhdi ezitsi, 1963. 116 p. (Cty)

BULLA ISLAND—GEOMORPHOLOGY

Geomorphology of Bulla Island. N. A. Abdullaev. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no. 6: 67-74 '64.

BULLDOZERS

Kinematics and dynamics of the mechanism of lifting the moldboard of a bulldozer. T. V. Alekseeva, I. E. Belov. *Izv. v. s. ucheb. zav.; strol. i arkh.* 9 no. 2: 110-121 '66.

BULLDOZERS—MAINTENANCE AND REPAIR

Kiev. Nauchno-issledovatel'skii institut stroitel'nogo proizvodstva. [Album for the maintenance of the D-275 (200) bulldozer] *Album tekhnicheskogo obsluzhivaniia buldozera D-275 (200)*. Moskva, Stroiizdat, 1966. 79 p.

BULLS

Effect of the breed, age, and origin of herd bulls on the quantity and qualitative indices of semen. N. A. Tratnev. *Uch. zap. Viteb. vet. inst.* 18: 60-71 '64.

Some indices of intermediate metabolism in herd bulls. O. A. Ivanova and others. *Uch. zap. Viteb. vet. inst.* 18: 50-59 '64.

BULLS—DISEASES AND PESTS

Treatment of herd bulls with trichomoniasis. A. V. Goltikov, N. V. Botina. *Veterinaria* 43 no. 5: 79-80 My '66.

BUNIN, VASIA ZAKHAROVNA, 1898-1960

Kharkov. Ukrainskii institut usoverasheniya v. r. chel. [Problems of the diagnosis and treatment of tuberculosis] *Voprosy diagnostiki i lecheniia tuberkuleza*. Kharkov, [Izd-vo Kharkovskogo gos. univ.] 1961. 219 p. (DNLM)

BURDENKO, NIKOLAI NILOVICH, 1876-1946

An outstanding military surgeon. S. Bagdasar'yan. *Voen.-ist. zhur.* 8 no. 6: 117-119 Jo '66.

BUREYA VALLEY—FOREST ECOLOGY

Basic associations of poplar forests of the Bureya floodplain. V. S. Shaga. *Izv. v. s. ucheb. zav.; les. zhur.* 9 no. 1: 47-50 '66.

BUREYA VALLEY—POPLAR

Basic associations of poplar forests of the Bureya floodplain. V. S. Shaga. *Izv. v. s. ucheb. zav.; les. zhur.* 9 no. 1: 47-50 '66.

BURIAL see subdivision under Pamirs

BURMA—PETROLEUM GEOLOGY

Some problems relative to oil and gas reserves and trends in prospecting for them in Burma. F. M. Baghi-zade, U. Nita-Pi. *Azerb. neft. khoz.* 45 no. 4: 46-53 of cover Ap '66.

BURNERS

Distribution of pulverized coal at the nozzles of some round burners. A. G. Ivanov, G. V. Gromov. *Energo-mashinostroyeniye* 12 no. 4: 16-18 Ap '65.

New type of preheating burner. L. A. Bulanskii, Strol. truloprov. 10 no. 4: 28 Ap '65.

BURNS AND SCALDS

Bleznin, A. P. [Chemical burns of the esophagus in children] *Khimicheskie ozhogi pishchevoda u detei*. Moskva, Meditsina, 1966. 101 p. (DNLM)

Burns and frostbite. S. E. Ostrovskii. *Khirurgiya* 42 no. 2: 144 P '66.

Comparative characteristics of respiratory tract lesions caused by various thermal agents and smoke. V. N. Khrebtovich. *Biul. eksp. biol. i med.* 50 no. 9: 57-61 S '64.

Determination of toxemia in burns and of antitoxin properties of the blood serum in convalescent patients with burns by means of hemocultures and pharmacium reaction. V. A. Orlik. *Sov. med.* 28 no. 9: 37-41 S '64.

Effect of burns on erythrocyte resistance to the effect of acid hemolysis. M. M. Smyk. *Pat. fiziol. i eksp. terap.* 10 no. 2: 79-81 Mr-Apr '66.

Sepsis in patients with burns. A. N. Orlov. *Khirurgiya* 42 no. 2: 36-34 P '66.

Skin autograft and its effect on fever in burn disease. L. I. Mikropol'skaia. *Klin. khir.* no. 7: 87-88 '65.

BURNS AND SCALDS—COMPLICATIONS AND SEQUELAE

Treatment and prevention of postburn contractures of the shoulder joint. N. E. Povstianol. *Khirurgiya* 42 no. 2: 35-40 P '66.

BURYAT A.S.S.R.—BIBLIOGRAPHY

Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut. [Index to the publications of the Buryat Scientific Research Institute of the Siberian Department of the Academy of Sciences of the U. S. S. R. (1959-1962)] *Ukazatel' izdani Buriatskogo kompleksnogo nauchno-issledovatel'skogo instituta SO AN SSSR (1959-1962 gg.)*. Ulan-Ude, 1964. 93 p.

BURYAT A.S.S.R.—BIOGRAPHY

Zorkin, V. I. [From the generation of the unbending; an historical reportage] *Iz pokoleniia neslabinnykh; istoricheskiy reportazh*. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 81 p. (CSL-1)

BURYAT A.S.S.R.—CAPITAL

Baldanov, B. M. B. [Economic incentives for the efficient use of working capital in industry; based on materials of the ferrous metallurgy enterprises of the U. S. S. R. and a number of the industrial enterprises of the Buryat A. S. S. R.] *Ekonomichekie stimulyrovanie effektivnogo ispol'zovaniia obratnykh sredstv v promyshlennosti; po materialam predpriatii chernoi metallurgii SSSR i r. d. promyshlennykh predpriatii Buriatskoi ASSR*. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 27 p.

BURYAT A.S.S.R.—RECLAMATION OF LAND

Petrovich, P. I. [Peat soils in the Selenga Delta and their agricultural use] *Torfyany pochvy del'ty r. Selengi i ikh sel'skokhoziaistvennoe ispol'zovanie*. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 93 p. (DNAL)

BURYAT FOLK SONGS see Folk songs, Buryat

BUS CONDUCTORS (ELECTRICITY)

Measuring the electric conductivity of aluminum-copper weldments. A. V. Lozovskaya, O. A. Gorchinskii. *Avtom. svar.* 10 no. 4: 78 Ap '66.

BUSINESS ENTERPRISES—LAW AND LEGISLATION

Shor, L. M. [Statute on the socialist state production enterprise in questions and answers] *Polozhenie o socialisticheskom gosudarstvennom proizvodstvennom predpriatii v voprosakh i otvetakh*. Moskva, Ekonomika, 1966. 44 p.

BUTADIENE

Alkylation of phenols by compounds with two functions. Report No. 12; Catalytic alkylation of o- and p- cresols with butadiene. E. A. Viktorova, N. I. Shukhin, E. A. Karakhanov. *Izv. AN SSSR. Ser. khim.* no. 5: 915-918 '66.

Effect of hexachlorobutadiene on the microfauna of vineyard soils. O. P. Stegarekko, Vred. i polez. fauna bespoz. Mold. no. 2: 112-118 '65.

Obtaining butadiene by oxidative dehydrogenation of normal butenes on a solid catalyst. I. I. Iukel'son, E. A. Boguslavskii. *Neftekhimika* 4 no. 6: 834-838 N-D '64.

Oil-extended stereoregular cis-1, 4-butadiene rubber. M. M. Gostev and others. *Kauch. i rez.* 25 no. 5: 3-4 '65.

Oxidative dehydrogenation of normal butenes to butadiene 1, 3. V. A. Kolobikhin, E. N. Emel'ianova. *Neftekhimika* 4 no. 6: 829-833 N-D '64.

BUTADIENE POLYMERS

Microstructure of poly-1-phenyl-1, 3-butadienes. N. G. Kasatkina, V. E. Koukin. *Vysokom. soed.* 8 no. 5: 713-766 My '66.

BUTADIENE

Method of synthesizing arylacetylenes. V. N. Andrievskii, M. S. Shvartsberg. *Izv. AN SSSR. Ser. khim.* no. 5: 882-886 '66.

BUTANE

Means for redesigning plant installations of isobutane alkylation by butylenes. E. G. Vol'pova, N. G. Shai'kovskii. *Nefteper. i neftekhim.* no. 5: 34-37 '66.

Properties of catalysts prepared on the basis of rare earth oxides in the conversion of n-butane. Kh. M. Minchev, I. U. S. Khodakov. *Izv. AN SSSR. Ser. khim.* no. 5: 819-822 '66.

BUTENE

Means for redesigning plant installations of isobutane alkylation by butylenes. E. G. Vol'pova, N. G. Shai'kovskii. *Nefteper. i neftekhim.* no. 5: 34-37 '66.

Obtaining butadiene by oxidative dehydrogenation of normal butenes on a solid catalyst. I. I. Iukel'son, E. A. Boguslavskii. *Neftekhimika* 4 no. 6: 834-838 N-D '64.

Oxidative dehydrogenation of normal butenes to butadiene 1, 3. V. A. Kolobikhin, E. N. Emel'ianova. *Neftekhimika* 4 no. 6: 829-833 N-D '64.

Some characteristics of the catalytic polymerization of 2-methylbutene-2 and 2-methylbutene-1 in the presence of a sulfo phenol formaldehyde KU-1 cation exchanger. N. G. Pollanskii, P. E. Tulupov. *Neftekhimika* 4 no. 6: 860-862 N-D '64.

BUTENE CRYSTALS

Mechanism of considerable reversible deformations in crystalline polybutylene. V. A. Kargin, T. I. Sogolova, I. U. Tsarevskaya. *Dokl. AN SSSR* 168 no. 1: 143-145 My '66.

BUTKA VALLEY—PALEOBOTANY, STRATIGRAPHIC

Oligocene flora of Smolenskoye on the Butka River in the trans-Ural region. P. I. Dorofeev. *Dokl. AN SSSR* 169 no. 3: 613-616 My '66.

BUTTERFAT

Some physiological characteristics of cows with high butterfat percentage. A. S. Gur'ianova. *Uch. zap. Viteb. vet. inst.* 18: 43-49 '64.

BUTYL ALCOHOL

Kinetics of the dehydration of tert-butyl alcohol on KU-1 ion-exchange resins. D. N. Chaptis, K. D. Samokhvalova, I. A. Turiava. *Khim. prom.* 42 no. 5: 334-338 My '66.

Strength of acids in butyl and isobutyl alcohol. N. V. Lichkova, V. I. Dulova. *Izv. v. s. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1: 18-21 '65.

BUTYL PHOSPHATES

Extraction of hydrofluoric and sulfuric acids present together by means of tri-n-butyl phosphate. S. S. Korovin and others. *Zhur. neorg. khim.* 11 no. 4: 948-949 Ap '66.

Kinetics of the re-extraction of nitrates of some metals from alkylphosphoric solutions into water. Part I: Systems $UO_2(NO_3)_2$ (S-DBEP, REDBP, TBPO). V. S. Fedorov, M. F. Pushlenkov. *Radiekhimika* 8 no. 2: 132-135 '66.

Role of hydrochloric acid in the extraction of scandium by tributyl phosphate. L. V. Favorskaya, A. D. Romanova. *Zhur. neorg. khim.* 11 no. 5: 1227-1228 My '66.

Solubility products of rare-earth dibutyl phosphates. E. I. Sinayevskaya, Z. A. Sheka. *Zhur. neorg. khim.* 11 no. 5: 1210-1213 My '66.

BUTYRALDEHYDE

Reaction of diethyl acetal of epoxybutyraldehyde with ammonia and benzylamine. B. I. Kozyrkin, L. A. Ivanovskaya, V. F. Kucherov. *Izv. AN SSSR. Ser. khim.* no. 5: 819-820 '66.

BUTYRIC ACID

Distribution of γ -aminobutyric acid and its derivatives in the bodies of man and animals. M. N. Meslova, V. I. Rozengart. *Vop. med. khim.* 12 no. 3: 284-287 My-Je '66.

BUTYRIC ACID—PHYSIOLOGICAL EFFECT

Effect of cetamphenol on the prothrombin time and blood coagulation. O. I. Kozlovskaya, Farmatsev. zhur. 21 no. 2: 71-73 '66.

BUTYRIC ACID—PHYSIOLOGICAL EFFECT (Continued)

tole of γ -aminobutyric acid in the activity of the nervous system. A. S. Batuev. *Fiziol. zhur.* 50 no. 10:1307-1308 O '64.

BUTYROLACTONE

Interaction of α -saturated γ -acetylbutyrolactones with Grignard reagent. Part I. M. G. Zolotarev, V. S. Arutunyan, M. T. Dangian. *Izv. AN Arm. SSR, Khim. nauk.* 18 no. 6:594-598 '65.

CABBAGE

Lizgunova, T. V. [Cabbage] Kapusta. Leningrad, Kolos, 1965. 383 p. (DNAL)

CABBAGE—DISEASE AND PEST RESISTANCE

Harmfulness of the cabbage moth depending on environmental conditions and cabbage cultivation practices in Leningrad Province. G. E. Onimovskii, V. V. Titov. *Zap. LSKH* 93:53-58 '65.

CABBAGE MAGGOT—EXTERMINATION

Physiological and histological changes in cabbage maggots poisoned by organochlorine insecticides. N. G. Berim, N. I. Rassvetayeva. *Zap. LSKH* 95:12-19 '65.

CABLES

(see also subdivision under Erivan)

What can be more complicated than a cable? A. Eriv, *Izobr. i rats.* no. 3:18-19 Mr '66.

CABLES—STANDARDS

Russia (1923—U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Steel cables] Kanaly stal'nye. *Izd. ofitsial'noe.* Moskva, 1958. 186 p. (SSSR. Gosudarstvennyy standarty)

CADMIUM

Effect of cadmium additions on the artificial aging of certain aluminum alloys. O. A. Romanova, A. M. Spalyay. *no. 4:107-111 '66.*

Effect of the concentration of a cadmium impurity on the substructure of zinc single crystals. I. K. Zasluchuk, D. E. Ovsienko. *Dokl. AN SSSR* 168 no. 1: 80-82 My '66.

CADMIUM IODIDE—THERMAL PROPERTIES

Thermal expansion of cadmium iodide at low temperatures. I. U. A. Kovalevskaya, P. G. Strelkov. *Fiz. tver. tela* 8 no. 4:1302-1304 Ap '66.

CADMIUM ISOTOPES, EFFECT OF RADIATION ON

Orientation of CdII nuclei by 3261 Å resonance radiation. E. B. Aleksandrov, A. P. Sokolov, P. I. v. red. *Zhur. eksper. i teoret. fiz.* 3 no. 10:416-422 My '66.

CADMIUM SULFIDE

Studying the recombination emission of cadmium sulfide induced by electrons. N. N. Gerasimenko and others. *Fiz. tver. tela* 8 no. 5:1461-1466 My '66.

CADMIUM SULFIDE—PHOTOELECTRIC PROPERTIES

Infrared quenching of impurity photoconductivity in cadmium sulfide. A. A. Ptashchenko, V. V. Serdiuk, I. A. Kuz'menko. *Fiz. tver. tela* 8 no. 5:1623-1625 My '66.

CADMIUM SULFIDE CRYSTALS—ELECTRIC PROPERTIES

Some volt-ampere characteristics of thin cadmium sulfide single crystals with nonohmic contacts. A. S. Gerslun, L. A. Sysoev, B. L. Timan. *Fiz. tver. tela* 8 no. 5:1633-1635 My '66.

CADMIUM SULFIDE CRYSTALS—OPTICAL PROPERTIES

Optical characteristics of CdS single crystals in the depth of fundamental absorption and the structure of energy bands. M. S. Brodin, M. I. Strashnikova. *Fiz. tver. tela* 8 no. 3:684-687 Mr '66.

CADMIUM SULFIDE CRYSTALS, EFFECT OF RADIATION ON

Effect of gamma rays and fast neutrons on the electro-physical properties of cadmium sulfide single crystals. A. P. Galushka and others. *Fiz. tver. tela* 8 no. 4:1040-1048 Ap '66.

Some characteristics of the generation of optical radiation on CdS crystals under electron excitation. N. G. Bazov, O. V. Bogdanovich, A. G. Deviatkov. *Fiz. tver. tela* 8 no. 5:1536-1538 My '66.

CADMIUM TELLURIDE—PHOTOELECTRIC PROPERTIES

Spectral distribution of a high-voltage photoelectric effect in thin CdTe films. M. I. Korsunskii, V. M. Fridman. *Dokl. AN SSSR* 168 no. 2:318-319 My '66.

CADMIUM TIN ARSENIDE—OPTICAL PROPERTIES

Optical and magneto-optical effects in CdSnAs₂. G. A. Siharulidze and others. *Fiz. tver. tela* 8 no. 4:1159-1164 Ap '66.

CAFFEINE—PHYSIOLOGICAL EFFECT

Effect of large doses of caffeine on the formation of immunity to tuberculosis in vaccinated white mice. A. E. Perel'man. *Bliz. eksp. biol. i med.* 58 no. 9:102-105 S '64.

CAISSONS see subdivision under Krivoy Rog Dash

CALAMINE, EFFECT OF TEMPERATURE ON

Behavior of calamine upon heating. A. G. Merkulov, B. S. Khristoforov. *Rent. min. syr.* no. 4:125-134 '64.

CALCIFICATION

Antibiotics of the tetracycline series in calciphylaxis. P. Malek, V. Zastava, J. Kolc. *Antibiotiki* 11 no. 4: 343-347 Ap '66.

Case of general calcinosis. V. A. Shevchenko. *Vest. rent. i rad.* no. 2:75-76 '64.

Two cases of calcification of soft tissues following therapeutic quinine injections. N. D. Kadyr-Zade, G. E. Gon. *Vest. rent. i rad.* no. 2:77 '64.

CALCITE

Determining the phenomenological parameters in the dislocation theory for elastic twins in calcite. V. S. Boiko, R. I. Garber. *Zhur. eksp. teor. fiz.* 50 no. 4:905-910 Ap '66.

CALCIUM

Calcium reduction and the form of its existence in molten chromium-nickel steels and alloys. M. F. Sidorenko and others. *Izv. vys. ucheb. zav. ; chern. met.* 9 no. 5:56-60 '65.

CALCIUM—ANALYSIS

Photocolorimetric determination of calcium in the production control of aluminum fluoride. A. A. Moshkina, I. G. Kozlova. *Zav. lab.* 32 no. 1:23-24 '66.

CALCIUM—EFFECT ON PLANTS see Plants, Effect of calcium on

CALCIUM CARBONATE

Effect of finely dispersed calcium carbonate on the hardening process and composition of lime concrete hydration products. I. U. M. Butt, V. M. Kolbasov, E. S. Savin. *Stroitel. i* no. 3:33-35 Mr '65.

CALCIUM CHLORIDE—PHYSIOLOGICAL EFFECT

Effect of pituitrin and calcium chloride on the uterus of cows under experimental and clinical conditions. I. A. G. Gubarevich, V. M. Voskoboynikov. *Uch. zap. Viteh. vet. inst.* 18:235-295 '64.

CALCIUM CHROMATES

Ternary system consisting of lithium, potassium chlorides and calcium chromate. A. S. Arabadzhan, A. G. Bergman. *Ukr. khim. zhur.* 32 no. 5:539-541 '66.

CALCIUM FLUORIDE CRYSTALS—GROWTH

Trigonal Gd³⁺ centers in CaF₂ with hydroxyl compensation. F. Z. Gilyanov, L. D. Livanova, A. I. Stolov. *Fiz. tver. tela* 8 no. 4:1165-1167 Ap '66.

CALCIUM HYDROXIDE

System for automatic dosing-out of milk of lime and coagulant using one DM transducer. I. U. N. Novozhilov. *Energetika* 14 no. 5:25-26 My '66.

CALCIUM IN THE BODY

Changes in the content of potassium and calcium in traumatic toxemia. I. U. M. Maksimov. *Khirurgiya* 42 no. 2:23-30 F '66.

CALCIUM SALTS

Absorption of calcium ions by manganese dioxide from mixtures of strong electrolytes. V. V. Pushkarev, B. N. Khristoforov. *Zhur. prikl. khim.* 38 no. 8:1777-1782 Ag '65.

CALCIUM SILICATES

Kinetics of dissolution of dicalcium silicate in the liquid phase of cement clinker. N. A. Toropov, P. F. Rumantsev. *Zhur. prikl. khim.* 38 no. 8:1858-1860 Ag '65.

Kinetics of dissolution of tricalcium silicate in the liquid phase of cement clinker. N. A. Toropov, P. F. Rumantsev. *Zhur. prikl. khim.* 38 no. 8:1860-1861 Ag '65.

CALCIUM SODIUM SILICATES

Conditions of formation of sodium-calcium hydrosilicate in the system Na₂O - CaO - SiO₂ - H₂O. V. S. Sazhin and others. *Ukr. khim. zhur.* 32 no. 5:518-520 '66.

CALCIUM TITANATES—SPECTRA

Thermoluminescence and trapping levels in CaTiO₄. Pr. L. M. Babkin, D. S. Konevskaya. *Fiz. tver. tela* 8 no. 3: 987-989 Mr '66.

CALCULATING MACHINES

Class of summation devices with increased operational reliability. A. M. Shuman. *Vych. tekhn. i vop. prog.* no. 4:104-109 '65.

Lebedev, A. N. [Computing machines] Schetno-reshatel'skiye ustroystva. 2, ispr. i dop. izd. Moskva, Mashinostroenie, 1966. 424 p.

Turing machines operating on a plane. N. V. Belinkin. *Dokl. AN SSSR* 168 no. 3:502-503 My '66.

CALCULI, BILIARY

Case of gas-containing calculi in the gallbladder. L. A. Chernavskaya, K. N. Tsatsoukid. *Vest. rent. i rad.* no. 2:76-77 '64.

Giant calculus of the bile duct. D. M. Tsvetshkin. *Klin. khir.* no. 7:86-87 '65.

CALCULI, URINARY

Case of removing a large calculus from a bladder diverticulum. I. V. Konstantinova. *Urol. i nefr.* no. 3:54-55 '65.

Giant calculus of the ureter in a child. M. Sh. Shakhirav, R. K. Sattarov. *Vest. khir.* 96 no. 4:136 Ap '66.

Renal form of primary hyperparathyroidism. O. I. Tikhonov. *Urol. i nefr.* no. 3:3-8 '65.

Ureterolithotomy in a patient with angiohemophilia. G. M. Abdullaev. *Urol. i nefr.* no. 3:52-54 '65.

CALCULUS OF PREDICATES

Resolution problem for a narrow calculus of predicates. I. U. Sh. Gurevich. *Dokl. AN SSSR* 160 no. 3:510-511 My '66.

CALCULUS OF VARIATIONS

Using V. Z. Vlasov's variational method in calculating elastic plates and shallow shells. V. V. Petrov. *Prikl. mekh.* 2 no. 5:50-57 '66.

Using variational method in solving problems of heat conduction with internal heat sources. A. M. Pahn. *Uch. i fiz. zhur.* 10 no. 5:658-675 My '66.

CALORIMETERS

Precision calorimeter for the determination of thermal effects in solutions. V. P. Vasil'ev, G. A. Lohmanov. *Zhur. neorg. khim.* 11 no. 3:688-702 Ap '66.

Spherical calorimeter for determining the heat conductivity of liquids and gases. A. K. Abbas-Zade, K. D. Guseinov, E. A. Gylmanov. *Izv. vys. ucheb. zav. ; prib.* 9 no. 2:126-129 '66.

CALVES

Changes in the total protein and major protein fractions in the serum of calves. A. N. Egorov, B. A. Ostrovskaya. *Veterinariia* 43 no. 5:58-60 My '66.

Some biochemical indices of the blood in newborn calves. P. E. Petrov. *Veterinariia* 42 no. 4:76-77 Ap '66.

CALVES—DISEASES AND PESTS

(see also subdivision under Hungary)

Basis for pathogenetic treatment of dyspepsia in newborn calves. V. V. Mitushin. *Veterinariia* 43 no. 4: 73-75 Ap '66.

Clinical and anatomical changes in diplococcal septicemia in calves. M. M. Kalchenko. *Veterinariia* 42 no. 4:43 Ap '66.

Diagnosis of enterotoxemia in calves caused by Clostridium perfringens. V. I. Len'kov, V. A. Len'kova, I. P. Jakaba. *Veterinariia* 42 no. 4:30-31 Ap '66.

Differential diagnosis of dyspepsia, colibacteriosis and paratyphoid in calves. R. A. Tsien. *Veterinariia* 43 no. 5:50-53 My '66.

Effect of ionized air on calves in a preventorium. G. K. Volkov, I. A. Andreev. *Veterinariia* 42 no. 4:92-93 Ap '66.

Histochemical examinations in dyspepsia in newborn calves. V. P. Shlepkov. *Veterinariia* 42 no. 4:76-79 Ap '66.

Novocaine block of the stellate ganglion in bronchopneumonia of calves. I. N. Shvetsova, E. I. Chudnovskii. *Veterinariia* 43 no. 5:60-61 My '66.

Results of prevention and treatment of dyspepsia in calves. A. I. Fomin, V. A. Varlanov. *Veterinariia* 42 no. 4:6 Ap '66.

Treating bronchopneumonia in calves with heterogenous blood. B. N. Zhilinskii. *Uch. zap. Viteh. vet. inst.* 10:256-260 '64.

Treatment of dyspepsia in calves. A. V. Troshchkin. *Veterinariia* 42 no. 4:71-72 Ap '66.

CAMOUFLAGE (MILITARY SCIENCE)

Dummy targets, an element of the navy's camouflage. N. P. Gordeev. *Mor. shor.* 49 no. 5:39-42 My '66.

Experience in the operational camouflage of preparations for a frontal offensive. I. Galkitskii. *Voen.-tset. zhur.* 8 no. 5:40-40 My '66.

CAMPION

Prospects of fir boiling. I. U. M. Kulomzin. *Gidroliz. i lesokhim. prom.* 10 no. 4:30-31 '66.

- CAMPS**
(see also subdivision under Riga)
According to their interests. A. Ganopol'skaia, Nar. obr. no. 5:88-89 My '66.
Who will become the Pioneer leader? O. Egorova, Sov. profsoyuzy 22 no. 9:33 My '66.
- CAMS**
Ludmirskaya, I. B. [Design of cam mechanisms] Proektirovaniye kulachkovykh mekhanizmov. Red. N. A. Kovalev. Moskva, Mosk. energ. in-t, 1966. 41 p.
Meladze, A. Z. [Machining spiral grooves of cylindrical cams on lathes] Obrabotka spiral'nykh pазov tsilindricheskikh kulachkov metodom tocheniya. Tbilisi, TSodna, 1964. 75 p.
- CANADA—CATHOLIC CHURCH (BYZANTINE RITES)**
Marunchak, M. H. [Canadian Terebovlya; the place of the first Ukrainian Divine Service in Canada] Kanadijs'ka Terebovlya; misto pershoi ukrains'koi Sluzhby Bozhoi v Kanadi. Winnipeg, Zahal'na biblioteka "UKT," 1964. 40 p. illus. map.
(NN)
- CANADA—FOREST FIRES—PREVENTION AND CONTROL**
Tamarkin, M. L. [Forest fire protection in North America] Okhrona tosov ot pozharov v Severnoi Amerike. Moskva, Lesnaya promyshlennost', 1966. 135 p.
(DNAL)
- CANADA—GRAIN ELEVATORS**
Grain elevators of Canada. L. Novikova. Zakup. sel'khoz. prod. no. 4:60-63 Ap '66.
- CANADA—UKRAINIANS**
Marunchak, M. H. [Canadian Terebovlya; the place of the first Ukrainian Divine Service in Canada] Kanadijs'ka Terebovlya; misto pershoi ukrains'koi Sluzhby Bozhoi v Kanadi. Winnipeg, Zahal'na biblioteka "UKT," 1964. 40 p. illus. map.
(NN)
- CANAIS**
(see also Salmaa Canal)
Approximate calculation of a curve on a chute. S. A. Egorov. Izv. vys. ucheb. zav.; stroit. i arkh. 9 no. 2:114-117 '66.
- CANCER**
(see also subdivision under United States)
Activity of W-amidase in malignant tumors of man and animals. T. T. Berezov. Vop. onk. 12 no. 5:56-58 '66.
Changes in the activity of catalase and the morphological composition of the blood in oncological patients subjected to various methods of treatment. S. A. Gulleva, L. I. Abaskulova. Azerb. med. zhur. 41 no. 6:29-24 Je '64.
Excessive nutrition, obesity and cancer; survey of the literature. A. A. Dinerman. Vop. pit. 23 no. 4:81-88 Ji-Ag '64.
Oncithine-carbamoyltransferase in the blood of rabbits with Brown-Pearce carcinoma. T. P. Surapkina. Vop. med. khim. 12 no. 3:253-255 My-Je '66.
Serebrov, A. I., and I. F. Grekh, eds. [Nonspecific medicinal prevention and treatment of cancer; some ways of development] Nospetsificheskaya lekarstvennaya profilaktika i terapiya raka; nekotorye puti razvitiya. [Leningrad] Meditsina, 1966. 206 p.
(DNLM)
- CANCER—MORTALITY**
Some materials on the mortality from malignant neoplasms. A. M. Markov. Uch. zap. po stat. 9:295-223 '65.
- CANCER CELLS**
Morphology and histochemistry of the "dark" cells of breast. N. N. Piten'ko. Vop. onk. 12 no. 5:39-46 '66.
Study of antigen fractions isolated from tumor cells treated with detergents. B. D. Brondz. TSitologiya 6 no. 4:443-451 Ji-Ag '64.
- CANCER RESEARCH**
Antigen analysis of media used for the cultivation of cells in vitro. E. P. Ugriumov, V. T. Kakpakov. Biul. eksp. biol. i med. 58 no. 12:70-75 D '64.
Effect of the RNA from normal tissues on the growth of transplanted tumors. N. N. Akserova and others. TSitologiya 6 no. 4:499-501 Ji-Ag '64.
Synthesis of organ-specific liver antigens by transplanted rat lymphosarcoma cells under the influence of the rat liver RNA. T. N. Kopylova-Sviridova and others. TSitologiya 6 no. 4:501-504 Ji-Ag '64.
- CANCERINITE** see subdivision under Azov Sea region
- CANDIDA (FUNGUS)**
Biological activity of lipids and polysaccharides in yeastlike fungi. N. P. Ellinov, N. A. Zalkina, A. V. Tsinzerling. Biul. eksp. biol. i med. 58 no. 12:41-44 D '64.
- CANDIDA (FUNGUS)—CULTURES AND CULTURE MEDIA**
Production of polyploid forms in different Candida species under the influence of mitotic poisons. L. S. Popova. Mikrobiologiya 35 no. 2:271-278 Mr-Ap '66.
- CANKER (PLANT DISEASE)**
Dobichiza necrosis of poplars and its causative agent. G. I. Denbinovetskii. Bot. zhur. 51 no. 2:291-293 F '66.
- CANNED FISH** see Fish, Canned
- CANNED FOOD** see Food, Canned
- CANNED FRUIT** see Fruit, Canned
- CANNERIES—EQUIPMENT AND SUPPLIES**
Machine for filling fish cans. E. I. Antonovskii. Ryb. khoz. 42 no. 3:58-60 '66.
Mobile machine unit for tank washing. B. P. Bobrov, M. A. Sirota, N. I. Ermolaev. Kons. i ov. prom. 21 no. 5:13-15 My '66.
- CANNING AND PRESERVING**
Riekels, Janis, and Jullis Jakobsons. [Primary processing of fruits and berries] Augli un ogu plirnapstrado. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1964. 91 p. [In Latvian]
Rowan preserves. M. S. Vasil'kov. Kons. i ov. prom. 21 no. 5:26 My '66.
- CANNING INDUSTRY**
Problems of the "green" table. I. A. Karpov. Sov. profsoyuzy 22 no. 9:7-11 My '66.
- CANNING INDUSTRY—BY-PRODUCTS** see subdivision under Uzbekistan
- CANNING INDUSTRY—PRODUCTION STANDARDS**
Need for uniform methodology in planning labor requirements. D. K. Dobrovolskaya. Kons. i ov. prom. 21 no. 5:11-12 My '66.
- CAPILLARIES**
Electron microscopic and histochemical examination of the pulmonary capillaries during the process of formation of immunity following BCG vaccination. V. F. Salov. Probl. tub. no. 7:76-79 '65.
- CAPILLARIES—PERMEABILITY**
Capillary resistance and permeability in pulmonary tuberculosis. L. S. Sapozhnikova. Probl. tub. no. 7:45-50 '65.
Role of the capillary wall in the permeation of substances; experiments with glucose. T. K. Vysochinn, K. A. Shoshenko. Fiziol. zhur. 51 no. 2:222-229 F '65.
- CAPITAL**
(see also subdivision under Duryat A. S. S. R.; Indonesia)
Dronov, F. A. [Efficiency of the use of capital assets in industry] Effektivnost' ispol'zovaniya osnovnykh fondov promyshlennosti. Minsk, Nauka i tekhnika, 1966. 189 p.
On an extreme problem connected with a PERT model. V. V. Matimikov, L. D. Povarkova, A. I. Sobolev. Trudy LIEI no. 53:229-232 '66.
- CAPITAL—MATHEMATICAL MODELS**
Problems of the optimal system of national economic reserves. S. M. Vishnev. Ekon. i mat. metod. 2 no. 3: 370-380 My-Je '66.
- CAPITAL INVESTMENTS**
(see also subdivision under Europe, Eastern; Moldavia)
Capital investments financed from the production development fund. S. Chernikov. Den. i kred. 24 no. 5:34-38 My '66.
Issuing credit for capital expenditures. A. Tetorina. Sov. tor. 39 no. 5:17-21 My '66.
Rozenman, E. S., ed. [Problems of the economic efficiency of capital investments and new equipment] Voprosy ekonomicheskoi effektivnosti kapital'nykh vlozhenii i novoi tekhniki; sbornik materialov. Moskva, Mosk. energ. in-t, 1966. 94 p.
- CAPITALISM**
Some agrarian problems of capitalism and bourgeois theories. B. Kuznetsov. Vop. ekon. no. 4:95-105 Ap '68.
State monopoly capitalism and foreign trade. G. Koftov. Vnesh. tor. 46 no. 5:30-35 '60.
- CAR COUPLINGS**
Couplings of electric trains could have a longer service life. V. V. Kolesnichenko, N. P. Ermol'yanov. Elek. i topl. tuga 10 no. 4:21-22 Ap '66.
- CAR WHEELS**
Feasibility of sectional forging for the manufacture of railroad wheels. L. V. Prozorov, A. V. Altykiss. Kur. - shtam, protzv. 8 no. 5:42-43 My '66.
- CARBAMIC ACID**
Dithiocarbamate complexes of uranium. I. D. Muzyka, E. D. Romanenko, N. N. Tananaeva. Zhur. neorg. khim. 11 no. 5:124-129 My '66.
S-carbamylthioglycol derivatives of sulfanilamide preparations. V. I. Iakubych. Farmatsev. zhur. 21 no. 2:14-16 '66.
Spectrophotometry of sodium diethyldithiocarbamate in water and carbon tetrachloride. N. P. Komar', A. K. Khakhrianskii. Zhur. neorg. khim. 11 no. 5:1148-1154 My '66.
- CARBAMIC ACID—SPECTRA**
Paramagnetic shifts in the nuclear magnetic resonance spectra of some NN-dialkyl dithiocarbamates and Fe (III) alkyl xanthogens. E. E. Zaev, S. V. Larionov, I. U. Molin. Dokl. AN SSSR 168 no. 2:341-343 My '66.
- CARBANIONS**
Nature of active centers in cationic polymerization. A. R. Gantmakher, S. S. Medvedev. Vysokom. soed. 8 no. 5: 955-956 My '66.
- CARBODIIMIDE**
Kinetics of the addition of water-soluble carbodiimide to nucleotides and transfer RNA. D. G. Koorre and others. Biokhimiya 31 no. 2:334-341 Mr-Ap '66.
- CARBOHYDRATE METABOLISM**
Characteristics of carbohydrate metabolism in cancer of the corpus uteri. L. A. Danova. Vop. onk. 12 no. 5:46-51 '66.
Effect of disorders of carbohydrate metabolism on the aortic wall and the development in it of alimentary lipodosis in rabbits. M. V. Bavina and others. Arkh. pat. 28 no. 3:21-25 '66.
Effect of 5-fluorouracil on some indices of the carbohydrate metabolism in white rats. R. A. Anderson. Farm. i toks. 29 no. 2:210-221 Mr-Ap '66.
Effect of the time of defoliation on carbohydrate metabolism in the cotton fiber. A. I. Inamalleev, P. K. Bar'etas. Fiziol. rast. 13 no. 1:55-62 Ja-F '66.
- CARBON**
Effect of structural nonhomogeneity of cokes on the quality of carbon-graphitic materials. I. E. Sukhorukov and others. Nefteper. i neftekhim. no. 5:12-15 '66.
Organic carbon in the waters of the near-equatorial and southern parts of the Atlantic Ocean and in the Mediterranean Sea. B. A. Skopinsev, S. N. Timofeeva, O. A. Vershina. Okeanologiya 6 no. 2:251-260 '66.
Polymeric carbon with increased heat capacity. I. B. Rabinovich and others. Dokl. AN SSSR 168 no. 3:599-602 My '66.
Shulepov, S. V. [Carbon atom and artificial graphite] Atom ugirod i tekstilnyy grafit. [Chelabinsk] Izdno-Ural'skoe knizhnoe izd-vo, 1965. 114 p.
Studying the rate of silica reduction with carbon dissolved in iron. V. I. Platonov, S. I. Popel', Zhur. prikl. khim. 38 no. 8:1868-1871 Ag '65.
- CARBON, ACTIVATED**
Adsorption properties of carbon adsorbents. Report No. 7: Theoretical analysis of experimental data on equilibrium adsorption of vapors of substances on activated coals with different microporous structure. M. M. Dubinin, E. F. Polstianov. Izv. AN SSSR, Ser. khim. no. 5:793-801 '66.
Kinetics of ¹³³Xe absorption by carbon adsorbents from air. A. M. Trofimov, A. M. Pankov, A. P. Kovarskii. Radiokhimiya 8 no. 2:240-245 '66.
- CARBON BLACK**
Effect of carbon black on nitril rubber resistance to temperature changes. I. T. Gridunov, V. A. Fomina. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1: 126-131 '66.
Effect of carbon black type on the residual deformations of butadiene-nitrile rubber. A. D. Zaleskaya, R. Sh. Frenkel', I. A. Silonova. Kauch. i rez. 25 no. 5:22-23 '66.
- CARBON COMPOUNDS**
Effect of light intensity on the utilization of various carbon compounds by photosynthesizing bacteria. A. I. Nesterov, I. N. Gogolov, E. N. Kondrat'eva. Mikrobiologiya 35 no. 2:193-199 Mr-Ap '66.
- CARBON DIOXIDE—PHYSIOLOGICAL EFFECT**
Effect of carbon dioxide on oxygen tension in the myocardium. N. V. Sanotskaia. Fiziol. zhur. 52 no. 5:556-557 My '66.
Heterotrophic assimilation of carbon dioxide as an index of the development of bacteria. V. I. Romanenko. Dokl. AN SSSR 168 no. 1:195-198 My '66.
Role of carbon dioxide and acetate in biosynthesis of sulfur-reducing bacteria. I. U. Sorokin. Dokl. AN SSSR 168 no. 1:199-201 My '66.

CARBON DISULFIDE

Smurov, V.S., and B.S. Aranovich. [Production of carbon disulfide] *Proizvodstvo serougleroda*. Pod red. R.M. Levita. Moskva, Khimika, 1966. 270 p.

CARBON ISOTOPES—SPECTRA

Nuclear magnetic resonance in carbon-13. Part 2. Use of the time-sharing method. Nuclear magnetic resonance spectra of carbon-13 at high temperatures. E. Lippman and others. *Izv. AN Est. SSR, Ser. fiz.-mat. i tekhn. nauk* 15 no. 1:58-63 '66.

CARBON MONOXIDE

The disintegration of refractories by carbon monoxide at high temperatures. N.P. Kozinskii. *Ogneupory* 31 no. 4:41-47 '66.

CARBON MONOXIDE—SPECTRA

Infrared spectra of carbon monoxide adsorbed on osmium, iridium, and platinum within a wide temperature range. N.N. Kavtaradze, N.P. Sokolova. *Dokl. AN SSSR* 168 no. 1:140-142 My '66.

CARBON TETRACHLORIDE—PHYSIOLOGICAL EFFECT

Effect of hepatic lesion induced by carbon tetrachloride on the development of experimental cholesterol lipodosis of the aorta in rabbits. V.I. Metelitsa. *Kardiologiya* no. 5:57-62 '64.

Effect of urea on the activity of the enzyme system of acetylation in the liver of pigeons controlled and injured by CCl₄. A.E. Grebennikova. *Dokl. AN Tadzh. SSR* 9 no. 4:38-41 '66.

CARBON TETRACHLORIDE—TOXICOLOGY

Acute renal insufficiency caused by carbon tetrachloride poisoning. N.I. Palivoda. *Urol. i nefr.* no. 3:49-50 '65.

CARBONATES

Standard roentgenograms of breunnerite and pistomessite and dependence of their characteristics on chemical composition. A.A. Nyrkov. *Rent. min. syr.* no. 4:108-112 '64.

CARBONATITES see subdivision under Vishnevyye Mountains

CARBONIC ACID

Some properties of chlorine-containing polycarbonates. O.V. Smirnova, S.B. Erofeeva. *Plast. massy* no. 5:43-46 '65.

CARBONIC ANHYDRASE

Rapid micromethod for the determination of the activity of carbonic anhydrase. A.A. Pokrovskii, V.A. Tutel'ian. *Vop. med. khim.* 12 no. 3:310-316 My-Je '66.

CARBONYL GROUP

Comparison of the Szabolcs and hydroxylamine methods for determining small quantities of carbonyl groups in viscose celluloses. N.E. Rikhter, G.L. Akim, V.I. Nikitin. *Zhur. prikl. khim.* 39 no. 8:1848-1853 Ag '65.

CARBONYLS

Comparison of the Szabolcs and hydroxylamine methods for determining small quantities of carbonyl groups in viscose celluloses. N.E. Rikhter, G.L. Akim, V.I. Nikitin. *Zhur. prikl. khim.* 39 no. 8:1848-1853 Ag '65.

CARBORANES

Synthesis of barene alcohols and haloalkyl barenes. L.I. Zakharin, V.A. Bratsev, V.I. Stanko. *Zhur. ob. khim.* 36 no. 5:856-862 My '66.

Synthesis of carboxylic acids of the barene series. L.I. Zakharin and others. *Zhur. ob. khim.* 36 no. 5:878-886 My '66.

CARBURETORS

Checking the setting of the phases of gas distribution. I. Khodjaev. *Tekh. v sel'khoz.* 26 no. 4:51-52 Ap '66.

CARD SYSTEM IN BUSINESS

Centrally-controlled card system in a plant construction combine. V. Barskii, O. Skachkov, E. Fedorets. *Prom. stroit. i inzh. soor.* 6 no. 3:43-44 My-Je '64.

CARDIA—CANCER

Methodology of radiotherapy of cancer of the cardiac portion of the stomach on 25 May betatron. B.A. Tsybul'skii, I.I. Kornev. *Med. rad.* 11 no. 4:3-8 Ap '66.

CARDIAC CATHETERIZATION

Catheterization and examination of the left chambers of the heart using contrast media in mitral and aortic defects; a review of literature. A.I. Gusev. *Kardiologiya* no. 5:71-76 '64.

Disorders of the cardiac activity in percutaneous punctures of the left ventricle with aortic catheterization. G.I. Astrakhanova, I.U. S. Petrosian. *Kardiologiya* 4 no. 2:63-70 Mr-Apr '64.

CARDIAC GLYCOSIDES

Transformation of cardiac glycosides using micro-organisms and enzymatic preparations from them. P.I. Il'vovskiy, D.II. Kolesnikov. *Farmatsev. zhur.* 19 no. 2:37-40 '64.

CARDING

Application of Markov chains in studying the carding process. M.L. Zavyalovich. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:19-53 '66.

Some problems of the theory and practice of carding. G.O. Lazhebrukh. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:72-75 '66.

CARDING MACHINES

Combining flat carding machines in pairs. D.IA. Skanbit, N.I. Trusev. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:51-58 '66.

CARDING MACHINES—TESTING

Characteristics of work of the taker-in unit of high-capacity cotton carding machines. V.G. Goncharov. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:66-71 '66.

CARDIOGRAPHY

Diagnosis of the degree of mitral insufficiency by the esophagocardiographic method. T.N. Liovtinskii. *Kardiologiya* 4 no. 2:63-67 Mr-Apr '64.

CARDIOTHAIST—TOXICOLOGY

Case of toxic effect of cardiostat in its intra-aortic introduction. B.L. Polenskiy, V.B. Sytenko, V.S. Viatchenko. *Vest. rent. i rad.* 41 no. 2:100-102 Mr-Apr '65.

CARDIOVASCULAR SYSTEM—DISEASES

Akademii nauk Gruzinskoi SSR, Tiflis. Institut eksperimental'noi morfologii. [Pathogenesis and treatment of some cardiovascular disorders; materials of the joint symposium of the A.N. Natsvili Institute of the Georgian S.S.R. and A.V. Vishnevskii Institute of Surgery of the Academy of Medical Sciences of the U.S.S.R.] K patologenozu i terapii nekotorykh sserdechno-sosudisticheskikh razstroystv; materialy sovmestnogo simpoziuma instituta eksperimental'noi morfologii Im. A.V. Vishnevskogo AMN SSSR. Tbilisi, Metsniereba, 1965. 139 p. (DNLM)

Cardiovascular syndrome in periarthritis nodosa. V.E. Liubomirov. *Kardiologiya* no. 5:82 '64.

Catheterization and examination of the left chambers of the heart using contrast media in mitral and aortic defects; a review of literature. A.I. Gusev. *Kardiologiya* no. 5:71-76 '64.

Changes in the heart and vascular system in patients with diabetes mellitus and tuberculosis. K.IA. Keleberda. *Probl. tub.* no. 9:21-25 '61.

Disorders of carbohydrate and nitrogen metabolism in vascular disorders (infarct, insult) in elderly persons. O.L. Babrova. *Trudy MOIP, Otd. biol.* 17:171-179 '66.

Methods for studying the distribution of cardiovascular diseases. V.A. Nesterov. *Uch. zap. po stat.* 9:20-47 '65.

CARDIOVASCULAR SYSTEM—SURGERY

Latest results of palliative operations in tetralogy of Fallot. Ch. Ts. Dragolchev. *Grud. khir.* 9 no. 2:32-35 Mr-Apr '66.

CARGO HANDLING

(see also subdivision under Archangel; Gorkiy; Kazan; Omsk; Ufa; United States)

Develop and improve combined waterway and railroad transportation of goods. S. Ratin, N. Makhotkin. *Rech. transp.* 25 no. 4:9-10 '66.

Direct variant of transshipping operations. V. Strakhov. *Rech. transp.* 25 no. 4:23-24 '66.

Improving the work of ports is a most important task. *Rech. transp.* 23 no. 2:1-3 F '64.

Tasks of port workers in the first year of the five-year plan. *Rech. transp.* 25 no. 4:6-8 '66.

CARGO HANDLING—EQUIPMENT AND SUPPLIES

(see also subdivision under Kandalaksha, Murmansk Province)

Russia (1923- U.S.S.R.) Ministerstvo rechnogo flota, Tekhnicheskoe upravlenie. Tsentral'noe proektno-konstruktorskoe biuro. Otnaslovo otdel obshchego opytom i tekhnicheskoi informatsii. [Reference catalog of equipment and devices for the mechanization of loading and unloading operations in ports and landing places] Katalog-spravochnik oborudovaniya i prisoobsheniya dlia mekhanizatsii pogruzochno-razgruzochnykh rabot v portakh i na pristanakh. Moskva, Transport, 1965. 137 p.

CARGO HANDLING—SAFETY REGULATIONS

Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Safety and industrial hygiene requirements in the loading and unloading of dangerous cargoes (excluding explosives and poisonous materials) in ports and landing places of the Ministry of the River Fleet. Supplement to the "Safety and industrial hygiene regulations for loading and unloading operations in ports and landing places of the Ministry of the River Fleet" in effect by order No. 115 of July 18, 1961 of the Ministry of the River Fleet] Trebovaniya tekhniki bezopasnosti i proizvodstvennoi sanitarii na pogruzochno-razgruzochnykh rabotakh s opasnymi gruzami (krome gruzov VV i OV) v portakh i na pristanakh rechnogo flota. Dopolnenie k "Pravilam tekhniki bezopasnosti i proizvodstvennoi sanitarii na pogruzochno-razgruzochnykh rabotakh v portakh i na pristanakh Ministerstva rechnogo flota," vvedennym v deystvie prikazami MRF No. 115 of 18 iul'ia 1961 g. Moskva, Transport, 1966. 90 p.

CARNALLITE

System KCl - MgCl₂ - H₂O. M.P. Shul'gina, O.S. Khar'chuk. *Zhur. neorg. khim.* 11 no. 5:103-110 My '66.

CARNOSINE

Synthesis of L-carnosine and its analogs. A.A. Glemzha, S.E. Severin. *Izv. AN SSSR, Ser. khim.* no. 5:861-865 '66.

CAROTID ARTERY

Carotid-vertebral angiography by the catheterization of the internal thoracic artery. V.M. Ugriyev, A.G. Zhagrin, V.I. Gelis. *Vop. neirokhir.* 30 no. 2:25-27 Mr-Apr '66.

CAROTID BODY—INNERVATION

Projection of the topographical anatomy of the sinocarotid zone in horses. M.V. Plakhotin. *Trudy Mosk. vet. akad.* 10:93-107 '56.

CAROTID BODY—SURGERY

Glematomy and implantation of adrenal glands in the treatment of bronchial asthma. E.S. Karashurav. *Vest. khir.* 88 no. 4:39-42 Ap '66.

Methodology of glematomy. G.N. Akzhigitov. *Vest. khir.* 96 no. 4:41-47 Ap '66.

CAROTID SINUS

Afferent impulses from the carotid sinus region stimulated by cortin and adrenocorticotrophic hormone. G.I. Butko. *Dokl. AN SSSR* 10 no. 5:352-355 My '66.

CAROTID SINUS—INNERVATION

Projection of the topographical anatomy of the sinocarotid zone in horses. M.V. Plakhotin. *Trudy Mosk. vet. akad.* 10:93-107 '56.

CARP see subdivision under Kara Kum Canal

CARPATIAN MOUNTAIN REGION—DWELLINGS—DESIGN AND CONSTRUCTION

Taking into account the natural and climatic characteristics when designing dwellings for the Carpathian Mountain region of the Ukrainian S.S.R. Z.A. Petrova. *Stroitel' arkh.* [Shornik] no. 4:78-85 '66.

CARPATIAN MOUNTAIN REGION—GAS, NATURAL—GEOLOGY

Time of the formation of gas fields in the outer zone of the Carpathian piedmont fault. A.K. Ivanov. *Geol. nefi i gaza* 10 no. 5:49-53 My '66.

CARPATIAN MOUNTAIN REGION—PEASANT UPRISINGS

Grabovetskii, V.V. [Antifeudal struggle for Carpathian peasant guerrillas from the 16th to 19th centuries] Antifeodal'na borot'ba karpats'koho opryadkivstva XVI-XIX st. [Lviv] Vyd-vo L'vivskoho univ., 1966. 260 p.

CARPATIAN MOUNTAIN REGION—RADIO—COMMUNICATIONS

"Field day" in the Carpathian Mountains. V. Karafanli. *Radio* no. 12:14 D '66.

CARPATIAN MOUNTAIN REGION—VERTEBRATES, FOSSIL

Eocene vertebrates of Yedolia and the Carpathian Mountain region. K.A. Tatarinov. *Ist. Kon. chety. per.* no. 32:51-82 '66.

CARPATIAN MOUNTAINS—GEOCHEMISTRY—CONGRESSES

Scientific-production conference on the problem of the direction of thematic mineralogical and geochemical studies in some regions of the Ukrainian Carpathians. *Min. shor.* 19 no. 2:205-206 '66.

CARPATHIAN MOUNTAINS—GEOLOGY

Some characteristics of the Carpathian Paleozoic of the Rakov Massif. F. I. Zhukov, L. O. Serhieleva, I. A. V. Pashchynk. Geol. zhur., 24 no. 6:31-37 '64.

CARPATHIAN MOUNTAINS—PETROLOGY—CONGRESSES

Scientific-production conference on the problem of the direction of thematic mineralogical and geochemical studies in some regions of the Ukrainian Carpathians. Min. sbor., 19 no. 2:265-266 '65.

CARPATHO-UKRAINE see Transcarpathia

CARTILAGE—TRANSPLANTATION

Use of preserved homocartilage in plastic surgery on postoperative osseous cavities in chronic hematogenic osteomyelitis. S. A. Vagin. Khirurgia 42 no. 2:97-100 F '66.

CARTILAGE—TUMORS

Chondromatosis of the knee joint. A. G. Sadykhov. Vest. khir., 96 no. 4:89-91 Ap '66.

CARTOGRAPHY

Color measurements in cartography. V. N. Pulin. Geod. i kart., no. 3:64-72 Mr '66.

Garaevskaya, L. S. [Editing small-scale maps and atlases] Redaktsionnoye melkomshkalnykh kart i atlasov. 2. izd., pererab. i dop. Moskva, Nedra, 1966. 202 p.

The number of competitors for a worthy celebration of the 23d Congress of the CPSU is being multiplied. Geod. i kart., no. 3:3-6 Mr '66.

Salishev, K. A. [Cartography] Kartografiya. Moskva, Vysshaia shkola, 1966. 214 p.

CASAS, BARTOLOME DE LAS, 1474-1566

Bartolomé de las Casas, the accuser of Spanish colonizers. V. I. Afanas'ev. Nov. i noveish. ist., no. 3:60-72 '65.

CASE HARDENING

Effect of boron carbide formation on the corrosion-fatigue strength of steel. N. G. Kaidash, V. I. Pokhmurskii. Fiz.-khim. mekh. mat., 1 no. 6:712-716 '65.

High-temperature X-ray study of the nitriding of Armeo iron. A. V. Belotskii, A. V. Moldart, V. G. Permiakov. Izv. vys. ucheb. zav.; Chern. met., 9 no. 5:147-151 '66.

CASHEW NUT

Cashew nut. K. Dubrovina. Sov. tor., 39 no. 5:50-52 My '66.

CASPIAN LOWLAND—GAS, NATURAL—GEOLOGY

Prospecting for oil and gas in Middle Jurassic sediments of the Caspian Lowland. K. M. Sultanov, Ch. M. Khalifa-zade, S. S. Samedov. Azerb. neft. khoz., 45 no. 4:1-3 Ap '66.

CASPIAN LOWLAND—GEOLOGY, STRATIGRAPHIC

Stratigraphy and oil and gas potentials of Lower Triassic sediments in the eastern margin of the Caspian Lowland. P. I. Ivov and others. Izv. AN Kazakh. SSR. Ser. geol., 25 no. 1:11-20 Ja-F '66.

CASPIAN LOWLAND—GEOLOGY, STRUCTURAL

Tectonic regionalization in the western part of the Caspian Lowland and its margins. G. M. Avaniatian, A. A. Aksekov, A. E. Langhert. Izv. AN SSSR. Ser. geol., 31 no. 5:21-31 My '66.

CASPIAN LOWLAND—GEOLOGY, STRUCTURAL—MAPS

Method of reconstructing the "primary" tectonic relief by a topographical map (given the conditions of slightly eroded plains). N. G. Shubina, L. B. Aristarkhova. Vest. Mosku, Ser. 5:Geog., 20 no. 2:34-41 Mr-Apr '65.

CASPIAN LOWLAND—PALEOGEOGRAPHY

Method of reconstructing the "primary" tectonic relief by a topographical map (given the conditions of slightly eroded plains). N. G. Shubina, L. B. Aristarkhova. Vest. Mosku, Ser. 5:Geog., 20 no. 2:34-41 Mr-Apr '65.

CASPIAN LOWLAND—PETROLEUM GEOLOGY

Aizenshtadt, G. E. -A., and M. V. Gorfunkel. [Tectonics and oil potential of the Caspian and North German lowlands; comparative analysis] Tektonika i neftenosnost' Prikaspijskoi i Severo-Germanskoi vpadin; sravnitel'nyi analiz. Leningrad, Nedra, 1965. 152 p. (Leningrad, Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 240)

Prospecting for oil and gas in Middle Jurassic sediments of the Caspian Lowland. K. M. Sultanov, Ch. M. Khalifa-zade, S. S. Samedov. Azerb. neft. khoz., 45 no. 4:1-3 Ap '66.

CASPIAN LOWLAND—TUBERCULOSIS

Some problems of tuberculosis epidemiology in a district of the Caspian Lowlands. I. A. Blagodurnyi and others. Probl. tub., no. 7:5-11 '65.

CASPIAN SEA

Role of Russian scientists in the study of the Caspian Sea. K. K. Gial'. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 3:187-191 '64.

CASPIAN SEA—EVAPORATION (METEOROLOGY)

Variation of evaporation on the surface of the Caspian Sea and factors determining it. M. I. Abakarov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:104-106 '63.

CASPIAN SEA—GAS, NATURAL—GEOLOGY

Prospects for finding oil and gas in the Caspian Sea. E. N. Alikhanov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:3-12 '65.

CASPIAN SEA—GOBIES

Distribution of gobies near the western shores of the central and southern Caspian Sea. D. D. Ragimov. Dokl. AN Azerb. SSR 21 no. 12:47-50 '65.

CASPIAN SEA—OCEANOGRAPHY

Rise and flow phenomena in the Azerbaijan coastal area of the Caspian Sea. I. G. Mamedov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:79-83 '64.

CASPIAN SEA—OIL WELL DRILLING, SUBMARINE

New deep-water foundation. Neftianik 11 no. 5:21 My '66.

CASPIAN SEA—PETROLEUM GEOLOGY

Prospects for finding oil and gas in the Caspian Sea. E. N. Alikhanov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:3-12 '65.

CASPIAN SEA—SALVAGE

Pontoonless hoisting of a ship. E. Nemirovskii. Mor. flot., 26 no. 4:37 Ap '66.

CASPIAN SEA—SEA TRAINS

Light-alloy passenger superstructures of the Caspian sea trains. P. G. Varenov and others. Sudostroenie 56 no. 3:3-8 Mr '66.

CASPIAN SEA—SPRATS

Sprat processing in the areas of its catch. N. Teruni. Ryb. khoz., 42 no. 4:82 '66.

CASPIAN SEA—ZOOBENTHOS

Caloricity of zoobenthos in the central and southern Caspian Sea. A. M. Mahmudov. Gidrobiol. zhur., 2 no. 2:31-36 '66.

CASPIAN SEA REGION—PALEONTOLOGY, STRATIGRAPHIC

Biostratigraphic characteristics of Quaternary sediments in the southwestern part of the Caspian Sea region. N. I. Saprunova, V. A. Vronskaia. Biol. Kom. chetv. per., no. 32:114-124 '66.

Taphonomy of the deposits of the fossil and semifossil remains of small mammals in connection with some problems of the fauna history of rodents in the troughs of the northwestern part of the Caspian Sea region. A. G. Maleeva. Biol. Kom. chetv. per., no. 32:75-86 '66.

CASPIAN SEA REGION—PLANT SUCCESSION

Succession of soils and vegetation in the maritime zone of the northwestern Caspian Sea region. I. U. M. Miroshnichenko, N. V. Miroshnichenko. Bot. zhur., 51 no. 4:520-541 Ap '66.

CASPIAN SEA REGION—POTASSIUMS

Korenevskii, S. M., and M. L. Voronc. [Conditions governing the formation of posite in the Caspian syncline and U cis-Uralian trough] Geologiya i ustoychivost' mestorozhdenii Prikaspijskogo proгиба. Mo 1966. 278 p.

CASPIAN SEA REGION—SALINE AND

Succession of soils and vegetation in the northwestern Caspian Sea region. I. U. M. Miroshnichenko, N. V. Miroshnichenko. Bot. zhur., 51 no. 4:520-541 Ap '66.

CASSITERITE

Action of low-molecular fatty acids on cassiterite, tantalite and garnet. S. I. Pol'kin. Obog. rud., 11 no. 1:12-

CASSITERITE—SPECTRA

Composition of microelements on the basis of data of point X-ray spectra. Dolomanova, V. V. Lider, V. N. Rozl'min, obz. va 95 no. 2:214-221 '66.

CAST IRON see subdivision under Ar

CAST IRON—ANALYSIS

Evaluating the actual distribution of sulfur between cast iron and slag in a blast furnace. G. A. Volovik. Stal' 26 no. 5:398-404 My '66.

Interconnection between the rated indices of the blast furnace process and the composition of cast iron. B. P. Dovgaliuk. Izv. vys. ucheb. zav.; Chern. met., 9 no. 5:31-35 '66.

CAST IRON—BRITTLENESS

Temper brittleness of ferritic magnesium cast iron. E. G. Fomina, F. K. Tkachenko. Lit. proizv., no. 2:27-28 F '64.

CAST IRON—COOLING

Cooling of iron castings in metal molds. S. E. Rozenfel'd and others. Lit. proizv., no. 2:17-21 F '64.

Intensification of the process of the forced cooling of iron frame castings in foundry molds. G. A. Anisovitch, R. N. Grinkevich. Lit. proizv., no. 2:15-16 F '64.

CAST IRON—HARDENING

Efficiency of vibration aging of iron castings. G. A. Adoljan, A. M. Gershtikov, E. Ch. Gini. Lit. proizv., no. 2:29-31 F '64.

CAST IRON—HEAT TREATMENT

Effect of cyclic heat treatment on austenite transformation in magnesium cast iron. K. P. Bunin and others. Dop. AN URSSR no. 4:463-466 '66.

CAST IRON—METALLOGRAPHY

Effect of the scale factor on the properties of malleable iron castings. K. M. Ankvab, G. E. Shal'te, P. N. Bida-lia. Izv. vys. ucheb. zav.; Chern. met., 9 no. 5:166-170 '66.

Effect of the structure and the substructure of magnesium cast iron on its wear resistance. G. N. Bakskin, A. P. Lushchenko, A. M. Petrichenko. Lit. proizv., no. 4:26-27 Ap '66.

Influence of the composition of deposited cast iron on its thermal stability. I. U. A. Gretskaia and others. Avtom. svar., 19 no. 4:26-29 Ap '66.

Internal structure of graphite and the metal base of cast iron. I. G. Netzhko. Lit. proizv., no. 2:25-26 F '64.

Isothermal transformation of austenite in annealed magnesium cast iron. K. P. Bunin, L. B. Vyshinskaya, M. I. Prilomanova. Lit. proizv., no. 4:23-24 Ap '66.

Structural heterogeneity of cast iron. K. P. Bunin, L. T. Kalina. Lit. proizv., no. 2:26 F '64.

Studying the slow decarburizing of cementite at 700°C. V. A. Shalashov, A. A. Zhukov, V. K. Tomas. Fiz. met. i metalloved., 21 no. 4:623-625 Ap '66.

CAST IRON—METALLURGY

Complex cast-iron inoculant. V. D. Charnetskii, B. A. Noskov. Lit. proizv., no. 4:35-36 Ap '66.

Effect of elements dissolved in cast iron on the activity of magnesium during inoculation. B. M. Lepinskikh, O. A. Esin. Lit. proizv., no. 2:23-25 F '64.

Effect of gas blowing on the structure and properties of cast iron. N. G. Girshovich, L. N. Shveinbergs. Lit. proizv., no. 4:22-23 Ap '66.

Foundry cast iron made from converter pig iron in the Indle, M. Sh. Mindel and others. Metallurg 11 no. 5:9-10 My '66.

Kinetics of and the limiting link in the graphitization of white cast iron. F. K. Tkachenko, T. N. Tkachenko. Lit. proizv., no. 4:24-25 Ap '66.

Neutralization of inoculants preventing spheroidization in

CATALASE

Changes in the activity of catalase and the morphological composition of the blood in oncological patients subjected to various methods of treatment. S.A. Gullieva, I.I. Abakulova. *Azerb. med. zhur.* 41 no. 6:20-24 Je '64.

Intracellular distribution and some properties of water-soluble and lipid-bound catalase in normal liver and in transplantable hepatoma. G.A. Drozdova and others. *Vop. med. khim.* 12 no. 3:227-234 My-Je '66.

Study of the catalase process by the method of the variation of medium properties. G.I. Likhitshtein, V.I.A. Nikitin, A.P. Parnal'. *Biokhimiia* 31 no. 2:253-257 Mr-Apr '66.

CATALOGING

Vsesoluznaya knizhnitsa patala. [Abbreviations of Russian words in library and bibliographical descriptions] *Sokrashchennia russkikh slov v bibliotekhnicheskoi bibliograficheskoi oplanit.* Moskva, "Kniga," 1966. 30 p.

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U.S.S.R. Series B: Social sciences] *Svod, bibl. nov. inostr. knig, postup. v bibl. SSSR. Ser. B: Obshchestv. nauk* no. 6 '66.

CATALYSES

Catalytic activity of some metals in reactions involving hydrogen as related to metal-hydrogen bond energy. S.M. Heshmatikov, A.M. Sokol'skaia, D.V. Sokol'skii. *Dokl. AN SSSR* 168 no. 3:620-631 My '66.

Catalytic dehydrogenation of 2-methyl-5-ethylpyridine. O.K. Bogdanova, I.P. Belomestnykh, A.A. Balandin. *Dokl. AN SSSR* 168 no. 2:372-375 My '66.

Catalytic effect of nitrogen-containing compounds on the isomeric conversions of carbohydrates. Part I: Effect of aliphatic amines on α , β -isomerization of D-glucose. V.A. Afanas'ev, D.V. Mal'kovskaya. *Kin. i kat.* 7 no. 2:330-332 Mr-Apr '66.

Catalytic properties of cobalt-nickel catalysts as dependent on their electronic structure. R.F. Lavrentovich, M.T. Rusov, I.U.N. Artukh. *Kin. i kat.* 7 no. 2:254-257 Mr-Apr '66.

Catalytic properties of some iron-containing zeolites. S.A. Levina, L.M. Malashovich, N.F. Ermolenko. *Dokl. AN BSSR* 10 no. 4:236-240 Ap '66.

Effect of the surface acidity of a catalyst on the rate of polymerization of three-membered heterocycles. O.O. Bartan, O.V. Krylov, E.A. Fokina. *Kin. i kat.* 7 no. 2: 289-294 Mr-Apr '66.

Improved gradientless reactors with a piston turbulence mixer for investigating the kinetics of heterogeneous catalytic processes. G.P. Korneichuk, V.G. Vysochenko, N.A. Konstantinova. *Kin. i kat.* 7 no. 2:350-361 Mr-Apr '66.

Kinetics and mechanism of acetylene catalytic conversions. Part I: Kinetics of acetonitrile synthesis from acetylene and ammonia on a ZnO/Al_2O_3 catalyst. K.M. Akhmedov, R.M. Fild, L.M. Kartashov. *Kin. i kat.* 7 no. 2:295-302 Mr-Apr '66.

Kinetics of benzene hydrogenation on nickel. Part I: Reactions in the kinetic region. I.U.S. Saugovskii, G.D. Likharskii, G.M. Ostrovskii. *Kin. i kat.* 7 no. 2:250-255 Mr-Apr '66.

Mechanism of chain branching in the catalyzed oxidation of n-decane in the presence of cobalt stearate. G.M. Bulgakova, Z.K. Matzov, I.P. Skibida. *Kin. i kat.* 7 no. 2:332-335 Mr-Apr '66.

One general rule of the catalytic activity of metals. Ken-ichi Tanaka, Kenji Tamari. *Kin. i kat.* 7 no. 2: 242-247 Mr-Apr '66.

Oxygen-initiated heterogeneous-catalytic reaction of condensation of olefins in the presence of hydrogen. Part I: Conversions of 1-pentene. N.I. Ershov, I.A. T. Eklus, V.R. Erokhina. *Kin. i kat.* 7 no. 2:336-340 Mr-Apr '66.

Some notes concerning the mechanism of catalytic conversions of α -pinene under the effect of H_2PO_4 deposited on activated birch coal. I.U. P. Kluuev, A.I. Lomotkin. *Dokl. AN BSSR* 10 no. 5:302-311 My '66.

CATALYSTS

Effect of restoration conditions of the catalyst for ammonia synthesis on its activity. Z.N. Bardik and others. *Khim. prom.* 42 no. 3:351-355 My '66.

Existence and stability of stationary conditions in chemical reactions on porous catalyst grains. L.M. Pis'men, I.U.I. Khar'kova. *Dokl. AN SSSR* 168 no. 3:632-635 My '66.

Experience in using the homogeneous Mn-Na (K) catalyst for paraffin oxidation. P.N. Uzunokan and others. *Nefteper. i neftekhim.* no. 3:17-20 '66.

From the experience in the production of xylitol. E.A. Nemanov, Gidroliz. i lesokh. prom. 19 no. 4:123 '66.

Investigating the activity of spent P-1 catalyst used in the dehydrogenation of ethylbenzene. V.P. Svatkov, R.M. Sadykhova, L.G. Konvalova. *Azerb. nef. i khim.* 45 no. 4:35-36 Ap '66.

Phase analysis of iron-molybdenum catalysts. A.S. Kuznetsova, L.M. Slizobkova, B.S. Khristoforov. *Kin. i kat.* 7 no. 2:354-355 Mr-Apr '66.

Properties of catalysts prepared on the basis of rare earth oxides in the conversion of n-butane. Kh.M. Minachev, I.U.S. Khodakov. *Izv. AN SSSR, Ser. khim.* no. 5:819-822 '66.

CATARACT see subdivision under Azerbaijan

CATHODE RAY OSCILLOGRAPH

Methods and reading accuracy in the determination of phase difference using the Lissajous figure. V.S. Panchenko. *Izv. vys. ucheb. zav. i radiotekh.* 9 no. 2: 196-206 Mr-Je '66.

CATHODES

Study of breakdown traces in systems with oxide-coated cathodes. P.V. Poshekhonov and others. *Radiotekh. i elektron.* 11 no. 5:886-893 My '66.

CATHODIC PROTECTION

Corrosion protection of communication cables and mechanization of its construction. V.A. Nikol'skii. *Avtom., telem. i svyaz'* 10 no. 4:15-17 Ap '66.

Effect of a buried metal pipeline on the distortion of the electrical field of stray currents. V.N. Tkachenko. *Elektrichestvo* no. 5:77-80 My '66.

Electrochemical protection against corrosion of metal structures of hydroelectric power stations. M.S. Trifil'. *Elek. sta.* 37 no. 3:339-343 Mr '66.

CATHOLIC CHURCH see subdivision under Lithuania

CATHOLIC CHURCH (BYZANTINE RITES)

(see also subdivision under Canada)

Kuz'k, Dmytro. [For the Ukrainian language in our Church; is there a basis for the argument against the Ukrainian language in the divine service?] *Za ukrains'ku movu v nashii Tserkvi; chymaiut' osnovy argumenty tykh, shcho te proty ukrains'koi movy v Bohosluzhkyh?* Trenton, N.J., 1964-1965, 2 v.

CATION-EXCHANGING COMPOUNDS see Base-exchanging compounds

CATTLE--ANATOMY

Blood supply of the spinal cord in cattle. H.I. Valinichuk. *Uch. zap. Viteb. vet. inst.* 18:338-343 '64.

Topographical anatomy of the abdominal wall in cattle. G.V. Gusev. *Trudy Mosk. vet. akad.* 10:120-120 '66.

CATTLE--DISEASES AND PESTS

(see also subdivision under Tyumen' Province; White Russia)

Chemoprophylactic properties of berberil and azidine used against babesiosis in cattle. N.A. Kolashkii and others. *Veterinariia* 42 no. 4:47-49 Ap '66.

Diagnostic importance of the leucocyte reaction in inflammatory processes in cattle. E.M. Bagirovskaya. *Uch. zap. Viteb. vet. inst.* 18:177-184 '64.

Disinfection in asymptomatic anthrax of cattle. S.IU. Ismailov. *Veterinariia* 42 no. 4:96-97 Ap '66.

Epizootology and treatment of animals with theileriasis. S.K. Svanbaev, I. Iskhakov. *Veterinariia* 43 no. 5:39-40 My '66.

Functional diagnosis of diseases of the liver in cattle. P.V. Katnikov. *Uch. zap. Viteb. vet. inst.* 18:160-163 '64.

Medullary hemopoiesis in cattle with chronic hematuria. A.S. Kalinin. *Uch. zap. Viteb. vet. inst.* 18:165-162 '64.

Specific characteristics of the reactivity of the organism of cattle to injuries. G.S. Mastysko. *Uch. zap. Viteb. vet. inst.* 18:135-144 '64.

Unilateral pneumothorax in young cattle. P.I. Kuz'minov. *Trudy Mosk. vet. akad.* 10:35-46 '66.

CATTLE--FEEDING AND FEEDS

(see also subdivision under Polog District)

Use of trace elements in fattening young cattle on beet pulp enriched with urea. V.K. Dyman, G.V. Makarova. *Khim. v sel. khoz.* 4 no. 5:50-51 My '66.

CATTLE--PARASITES see Parasites--Cattle

CATTLE--PHYSIOLOGY

Effect of pneumatic cleaning of the skin of the organisms of cows. V.M. Kartashova. *Trudy VNIIS* 16:273-283 '60.

CATTLE BREEDING

Comparative data on the development of Kostroma heifers produced by inbreeding and outbreeding. N.A. Gorski and others. *Uch. zap. Viteb. vet. inst.* 18:33-36 '64.

Council on breeding improvement of the brown cattle breed. K. Sheherbakova, L. Krasnikova. *Vest. sel. khoz. nauk* 11 no. 4:137-138 Ap '66.

CATTLE TRADE see subdivision under Kamenets-Podolskiy District

CAUCASIAN LANGUAGES--PHONETICS

Zhengil', S.M. [Problems of the phonetics of the Kartvelian languages; selected works] *Voprosy fonetiki kartvel'skikhazykov; izbrannye trudy.* Tbilisi, Ganatleba, 1965. 331 p. [In Georgian and Russian] (MI)

CAUCASUS--CINNABAR

New datolite-cinnabar association. V.B. Chernitsyn, D.A. Apostolov, K.S. Divakov. *Dokl. AN SSSR* 168 no. 3:658-660 My '66.

CAUCASUS--DATOLITE

New datolite-cinnabar association. V.B. Chernitsyn, D.A. Apostolov, K.S. Divakov. *Dokl. AN SSSR* 168 no. 3:658-660 My '66.

CAUCASUS--GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of Upper Cretaceous sediments in the Zurnabad region and Mount El'vor (Lesser Caucasus). O.B. Aliev. *Izv. AN Azerb. SSR, Ser. geol. i geog. nauk* no. 4:3-10 '65.

CAUCASUS--GEOLOGY, STRUCTURAL

Practice of studying the tectonic development of the Zhdanov uplift (northern slope of the Lesser Caucasus) using mathematical statistics. Azhdar Aliev, A.S. Ragimov. *Izv. AN Azerb. SSR, Ser. geol. i geog. nauk* no. 3:73-80 '64.

CAUCASUS--GOLD MINES AND MINING

Sampling by small-section channels at a gold-ore deposit of the Caucasus. T. Magaladze, A. Babakhan. *Prory. Arm.* 9 no. 3:67-69 Mr '66.

CAUCASUS--GRANITE

Accessory minerals of granitoids in the northeastern part of the Lesser Caucasus. G.V. Mustafayev. *Izv. AN Azerb. SSR, Ser. geol. i geog. nauk* no. 4:35-40 '65.

CAUCASUS--IRON ORES

Genetic types of iron ore deposits in the Caucasus. M.A. Koshkai. *Izv. AN Azerb. SSR, Ser. geol. i geog. nauk* no. 3:81-96 '64.

CAUCASUS--LOESS

Age, lithology, and conditions governing the formation of loess in the southeastern part of the Lesser Caucasus. A.M. Ismailov, A.G. Gusev. *Izv. AN Azerb. SSR, Ser. geol. i geog. nauk* no. 3:85-93 '64.

CAUCASUS--MAN, PREHISTORIC

The Caucasus in the ancient history of our country. Y.I. Krupnov. *Vop. ist.* 41 no. 3:27-40 My '66.

CAUCASUS--MINERALS

Accessory minerals of granitoids in the northeastern part of the Lesser Caucasus. G.V. Mustafayev. *Izv. AN Azerb. SSR, Ser. geol. i geog. nauk* no. 4:35-40 '65.

CAUCASUS--PALEONTOLOGY, STRATIGRAPHIC

Paleontological fauna for the isolation of Houtervian and Burevian sediments in the northeastern termination of the Greater Caucasus. A.G. Khalilov. *Izv. AN Azerb. SSR, Ser. geol. i geog. nauk* no. 3:51-58 '64.

CAUCASUS--RIVERS

River-water resources in the southeastern part of the Caucasus. S.G. Rustamov. *Izv. AN Azerb. SSR, Ser. geol. i geog. nauk* no. 3:149-156 '64.

CAUCASUS--ROCKS, IGNEOUS

Intrusive complexes in the region of the main range of the Caucasus at the sources of the Aksum, Bol'shoy Zelenchuk, and Loba Rivers. G.A. Mikheev. *Sov. geol.* 4 no. 8:134-142 S '65.

CAUCASUS--TERRACING

Laying out horizontal terraces on slopes. I.P. Kovalev, V.N. Gusev. *Vest. sel'khoz. nauk* 11 no. 2:85-88 F '66.

CAUCASUS--WOODY PLANTS

Abadentia nauk Gruzinskoi SSR. *Trudy Instituta lesa.* [Trees of the Caucasus; wild and cultivated trees and shrubs] *Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki.* Tbilisi, Metsnereba. Vol. 4. Angiospermae - pokrytosemennye. Dicotyledonae - dvudol'nye, Rosaceae (rozatovnye), Leguminosae (bobovye). 1965. 398 p.

CAUCASUS, NORTHERN--BOTANY, MEDICAL

Study of the flavonoid composition in some plants of the Northern Caucasus. V.A. Haidukova, N.V. Sorigoleva, H.L. Shynkarenko. *Fitomaterialy, zhur.* 19 no. 2:40-44 '64.

CAUCASUS, NORTHERN—DRILLING MUDS

Determining the zone of drilling mud flow in reservoirs in fields of western Ciscaucasia. P. M. Us, K. S. Kozhina. *Geol. nefti i gaza* 10 no. 5:36-39 My '66.

CAUCASUS, NORTHERN—FARM BUILDINGS—DESIGN AND CONSTRUCTION

Let's supply in good time the planning documentation for rural construction work. A. Pollakov. *Sel. stroi.* 18 no. 4:12-14 Ap '64.

CAUCASUS, NORTHERN—GARNET

Metasomatic garnet rock of the Markopidzh Valley (Northern Caucasus). V. V. Plosko, N. P. Shport. *Izv. AN SSSR, Ser. geol.* 31 no. 5:85-88 My '66.

CAUCASUS, NORTHERN—GAS, NATURAL

New data on gas occurrences in Triassic sediments in western Ciscaucasia. G. M. Aladkov. *Geol. nefti i gaza* 10 no. 5:42-46 My '66.

CAUCASUS, NORTHERN—GRASSES

Valuable species of wild grasses in piedmont regions of the Northern Caucasus. P. A. Labenets. *Vest. sel'khoz. nauki* 11 no. 2:38-44 F '66.

CAUCASUS, NORTHERN—MACHINERY INDUSTRY—PRODUCTION STANDARDS

What hinders the application of general machinery manufacture norms. E. Belov, M. Gramm. *Sots. trud.* 11 no. 5:119-121 '66.

CAUCASUS, NORTHERN—ORE DEPOSITS

New scheme of the genesis of the Baron pyrite-complex metal deposit in the Northern Caucasus. K. Karrera. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 2:109-115 Mr-Apr '66.

Prospecting for complex metal deposits in the Jurassic schistose formation in the Northern Caucasus. D. P. Kolesov. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 6:19-25 '64.

CAUCASUS, NORTHERN—PRECIPITATION (METEOROLOGY)

Significance of May precipitation for the harvest of winter wheat in the steppe regions of the Ukraine and the Northern Caucasus. E. S. Ulanova. *Meteor. i gidrol.* no. 5:17-25 My '66.

CAUCASUS, NORTHERN—PROSPECTING

Prospecting for complex metal deposits in the Jurassic schistose formation in the Northern Caucasus. D. P. Kolesov. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 6:19-25 '64.

CAUCASUS, NORTHERN—PROSPECTING—GEO-PHYSICAL METHODS

Characteristics of the interpretation of field geophysical well data obtained at great depths in western Ciscaucasia. V. K. Popov. *Geol. nefti i gaza* 10 no. 3:53-56 My '66.

CAUCASUS, NORTHERN—WHEAT

Significance of May precipitation for the harvest of winter wheat in the steppe regions of the Ukraine and the Northern Caucasus. E. S. Ulanova. *Meteor. i gidrol.* no. 5:17-25 My '66.

CAUSATION

Spectral features of the correlation of microphenomena and their role in the interpretation of the spectral aspects of microcausation. L. P. Kurylo. *Filos. probl. such. pyrod.* no. 2:76-83 '64.

Time and causation. I. A. F. Askim. *Vop. filos.* 20 no. 5:74-84 '66.

CAVES see subdivision under Nyrab region (Perm Province); Perm Province

CAVITATION

Cavitation today. S. Bogdanskii. *Izobr. i rita.* no. 3:40 Mr '66.

Ratner, A. V., and V. G. Zelenskii. [Erosion of the materials used in thermal power engineering equipment] *Erozia materialov teploenergeticheskogo oborudovaniia.* Moskva, Energiia, 1966. 270 p.

CECUM—SURGERY

Liver changes in rats with choline deficiency after cecotomy. Kh. E. Gadzhiev, L. A. Shamov. *Vop. pit.* 23 no. 4: 50-54 Ji-Ag '64.

CEILINGS

Assembling acoustical ceilings with the help of telescopic and swivel installation machinery. E. V. Patako. *Mekh. stroi.* 22 no. 4:11-12 Ap '65.

CELESTIAL MECHANICS see Mechanics, Celestial

CELL DIVISION (BIOLOGY)

Activation of the cells in reparative regeneration of the liver in white cells in functional overloading of the organ. N. F. Semenova. *Itul. eksn. biol. i med.* 58 no. 12:60-63 D '64.

Stimulatory and inhibitory effect of estrogens on mitotic activity. S. S. Laguchev. *TSitologiya* 6 no. 4:436-463 Ji-Ag '64.

Two theoretical conceptions of cell division in present-day cytology. K. I. Kostrukova. *Filos. probl. such. pyrod.* no. 2:150-160 '64.

CELL METABOLISM

Manometric determination of mitochondrial respiration with graphic recordings. L. M. Raikhan. *Biokhimiia* 31 no. 2:277-281 Mr-Apr '66.

CELL NUCLEI

Comparison of the properties of DNA obtained from mitochondria and from hepatic cell nuclei. T. B. Kuzakova, K. A. Markosian. *Dokl. AN SSSR* 168 no. 3: 697-700 My '66.

Cytomorphological and cytochemical observations on the cell nuclei of some representatives of the figwort family. V. L. Ryzhkov. *TSitologiya* 6 no. 4:405-414 Ji-Ag '64.

Effect of histones on the development of sea urchin embryos. V. I. Vorob'ev, A. A. Neifakh. *TSitologiya* 6 no. 4:486-498 Ji-Ag '64.

Effect of ionizing radiation on the protein synthesis in the cell nuclei of rat tissues. V. D. Blokhina, E. F. Romantsev. *Dokl. AN SSSR* 168 no. 2:454-455 My '66.

CELLOPHANE

Mathematical model of a complete recovery of the precipitation bath in cellophane production. I. S. Poleschuk. *Khim. volok.* no. 3:52-54 '66.

CELLS

Ultrastructure of the embryonic cell of the medullary layer of the adrenal glands. N. A. Smitten. *Dokl. AN SSSR* 168 no. 2:447-450 My '66.

CELLS—PERMEABILITY

Permeability of the giant axon of squids to neutral red and cyanole. N. N. Nikol'skii, S. A. Krolenko. *TSitologiya* 6 no. 4:421-426 Ji-Ag '64.

CELLULOSE

H-carboxymethylcellulose as a swelling scarifier for the improvement of the disintegration of tablets. E. E. Borzunov, S. M. Shevchenko. *Farmatsev. zhur.* 21 no. 2:50-53 '66.

Study of the adsorption of electrolytes on monocarboxyl-cellulose by means of labeled cation and anion. Z. I. Chereiskii. *Radiochimia* 8 no. 2:254-258 '66.

Synthesis and properties of insoluble compounds of some enzymes with cellulose. B. P. Surinov, S. K. Manolov. *Biokhimiia* 31 no. 2:387-397 Mr-Apr '66.

Synthesis of graft copolymers of cellulose and polyacryl-hydroxamic acid. L. S. Gal'braikh, T. V. Vladimirova, Z. A. Rogovin. *Izv. vys. ucheb. zav. ; khim. i khim. tekhn.* 9 no. 1:113-116 '66.

Use of cellulose for the sorption of zirconium from dilute solutions (qualitative determination). T. I. Katinina, N. A. Tutina. *Zhur. prikl. khim.* 38 no. 8:1882-1884 Ag '65.

CELLULOSE ACETATES

Synthesis and characteristics of graft copolymers of cellulose triacetate and poly-2-methyl-5-vinyl pyridine. R. I. Kovalunas, R. M. Livshits, Z. A. Rogovin. *Khim. volok.* no. 3:54-57 '66.

Synthesis and study of the properties of mixed cellulose acetate-oleate. O. K. Ioannidis and others. *Khim. volok.* no. 3:58-60 '66.

CELLULOSE-DECOMPOSING MICRO-ORGANISMS see Micro-organisms, Cellulose-decomposing

CELLULOSE ETHERS

Synthesis of cellulose ether containing triple carbon-carbon bonds. G. S. Masudova and others. *Vysokom. soed.* 8 no. 5:865-869 My '66.

CEMENT

Carbonate rocks as fillers for cement. A. S. Panteleev, V. M. Kolbasov, E. S. Savin. *Trudy MKHTI* no. 45: 19-24 '64.

Contraction and formation of contraction porosity in the hydration setting of cements. A. I. Markov, N. V. Mikhailov. *Dokl. AN SSSR* 168 no. 1:161-164 My '66.

Phase composition of water in cement paste and mortar during early freezing. E. Kh. Bulgakov. *Izv. vys. ucheb. zav. ; stroi. i arkhit.* 9 no. 2:55-63 '66.

Phase transition during the roasting of phosphogypsum and the strength of phosphogypsum cement. V. I. Berezovskii. *Zhur. prikl. khim.* 38 no. 8:1637-1693 Ag '65.

Solubility of cement in formation waters. V. S. Danil'shevskii, A. I. Lipovetskii, I. P. Tolstikh. *Trudy MINKHGP* no. 60:62-66 '66.

Stability of the color of colored "clinker" cement in various conditions of hardening. P. I. Rozhenov, L. N. Khlopova, G. M. Zaitseva. *Izv. vys. ucheb. zav. ; stroi. i arkhit.* 9 no. 3:50-56 '66.

Study of the desaturation of cement paste during mixing. I. U. P. Dolzhikov. *Trudy Kish. politekh. inst.* no. 2:75-86 '64.

CEMENT—HARDENING

Determining temperatures in wells during the hardening of cement. M. A. Abdinov. *Azerb. nefi. khoz.* 45 no. 4: 15-17 Ap '66.

CEMENT CLINKERS

Effect of gypsum on the properties of plugging cements at high temperature. V. S. Danil'shevskii, I. U. M. Butt, A. I. Lipovetskii. *Trudy MKHTI* no. 45:69-74 '64.

Effect of potash on the kinetics of hardening of basic clinker minerals at different temperatures. A. V. Lagolda, I. U. M. Butt, V. M. Kolbasov. *Trudy MKHTI* no. 45: 55-62 '64.

Effectiveness of potash as an antifrost addition for cements of various mineralogical composition. A. V. Lagolda, I. U. M. Butt, V. M. Kolbasov. *Trudy MKHTI* no. 45:63-68 '64.

Kinetics of dissolution of dicalcium silicate in the liquid phase of cement clinker. N. A. Toropov, P. F. Rumantsev. *Zhur. prikl. khim.* 38 no. 8:1855-1860 Ag '65.

Kinetics of dissolution of tricalcium silicate in the liquid phase of cement clinker. N. A. Toropov, P. F. Rumantsev. *Zhur. prikl. khim.* 38 no. 8:1860-1861 Ag '65.

Properties of minerals and cements containing CdO and TiO₂ in their composition. M. R. Romankulov, I. U. M. Butt, V. V. Timashev. *Trudy MKHTI* no. 45:38-44 '64.

Sintering of alite-alumoferrite clinkers. M. M. Nikolaev, I. U. M. Butt, V. V. Timashev. *Trudy MKHTI* no. 45: 25-29 '64.

Study by a chemical method of the mineralogical composition of the clinkers of the Chernorechenskiy Cement Plant. V. K. Kozlova, A. I. Kiriak. *Izv. vys. ucheb. zav. ; stroi. i arkhit.* 9 no. 3:56-59 '66.

Viscosity of clinker melts at 1300-1700°C. D. A. Vysotskii, I. U. M. Butt, V. V. Timashev. *Trudy MKHTI* no. 45:30-33 '64.

CEMENT INDUSTRIES see subdivision under Akhan-Garan (Uzbekistan); Armenia

CEMENT PLANTS—DESIGN AND CONSTRUCTION

Krasnenikov, M. N., and others. [Design of cement and asbestos cement plants] *Proektirovanie tsementnykh i asbestotsementnykh zavodov.* Pod red. A. F. Semendina. Leningrad, Stroiizdat, 1966. 349 p. fold. diagrs. (insert)

CENSUS

Methodological problems of studying general morbidity in the next population census year. A. M. Morkov. *Uch. zap. po stat.* 9:5-18 '63.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL CHERNOZEM PRESERVE—OAK

Seeding the oak *Quercus pedunculata* Ehrh. in various plant communities of the forest-steppe subzone. G. M. Zozulina. *Bot. zhur.* 51 no. 2:273-277 F '66.

CENTRAL CHERNOZEM REGION—WINDBREAKS, SHELTERBELTS, ETC.

Moichanov, A. A. [Optimal forest coverage; as exemplified by the Central Chernozem Region] *Optimal'naya lesistost' na primere TsChR.* Moskva, Nauka, 1966. 124 p. (DNAL)

CENTRIFUGAL CASTING

Making shaped Al8 alloy castings on centrifugal machines. S. Ia. Kosovtsev, A. A. Mikhailov. *Lit. protzv.* no. 4:32 Ap '66.

CENTRIFUGES

Centrifuges and separators. D. E. Shkoropad, Khim. i nefi, mashinostr. no. 5:29-33 My '66.

CEPHALOSPIDAE see subdivision under Pacific Ocean

CERAMIC METALS

Hypochlorite method of processing dust-like wastes from the grinding of hard-alloy tools. A. N. Zelikman, F. A. Gmel'farb. *Izv. vys. ucheb. zav. ; svet. met.* 9 no. 2: 110-116 '66.

Life durability of porous bearings depending on the kind of impregnating lubricants. V. D. Zozulina. *Porosh. met.* 6 no. 5:103-106 My '66.

Mechanical properties of sintered metal-glass materials. A. T. Bolovan and others. *Porosh. met.* 6 no. 5:41-48 My '66.

Slip casting of molybdenum disulfide. A. B. Dobrovolskii, N. V. Nazarchuk. *Porosh. met.* 6 no. 5:1-8 My '66.

Studying the wearing-in of iron-base ceramic metal materials. I. M. Fedorchenko, D. A. Draigor, E. T. Mamynkin. *Fiz.-khim. mekh. mat.* 1 no. 6:670-674 '65.

CERAMIC METALS—METALLOGRAPHY

Dependence of the nonuniform distribution of properties in height of ceramic metal filtering elements on the technology of their manufacture. B. F. Shitirayev. Porosh. met. 6 no. 5:74-79 My '66.
Revealing by ionic bombardment the structure of powder materials in the system metals-metallic oxides. L. I. Gladneva and others. Porosh. met. 6 no. 5:67-73 My '66.

CERAMIC METALS—TESTING

Materials for the protection of surfaces from abrasive wear. A. I. Artamonov, G. A. Boykun. Porosh. met. 6 no. 5:29-31 My '66.
Testing on a test unit of the UMB-4C ceramic metal packing material. M. F. Bolitskii, B. G. Ivanov, B. V. Arlanin. Porosh. met. 6 no. 5:60-68 My '66.

CERAMICS

Criteria of crack formation during the drying of ceramic materials. M. A. Buz. Sbor. tr. VNIETROM no. 5: 13-25 '65.

Effect of the nature of starting raw materials and the composition of highly argillaceous earths on their physico-mechanical and thermochemical properties. G. N. Duderov, Zh. Kambekov. Trudy MKHTI no. 45:81-90 '64.

Properties of pure oxide ceramics at high temperatures. E. S. Lukin, D. N. Polubolarinov. Trudy MKHTI no. 45: 98-105 '64.

Solidification of castings made of silicate melts of pyroxene composition. I. I. Rykov, B. Kh. Khan. Lit. proizv. no. 4:33 Ap '66.

CERAMICS—TESTING

Effect of the composition of raw materials on the physico-mechanical properties of porcelain. G. N. Duderov, Chizhan Si-tsun. Trudy MKHTI no. 45:112-120 '64.

CERAMICS—THERMAL PROPERTIES

Relaxation absorption of ultrasound near the phase transition temperature in the $PbMg_{1/2}W_{1/2}O_3$ ceramic. K. A. Minaeva, B. A. Strukov, V. A. Koptsk. Fiz. tver. tela 8 no. 5:1631-1633 My '65.

CEREBELLUM—TUMORS

Methodology of topographic-anatomical study of formations in the region of the foramen of the tentorium cerebelli under normal and neoplastic conditions. K. A. Ogileznev. Vop. neirokhir. 28 no. 3:52-54 My-Je '64.

Pseudofrontal symptoms in a tumor of the tentorium cerebelli. A. P. Kutsenilova, A. R. Lur'ia, E. D. Khomskaia. Vop. neirokhir. 30 no. 2:15-18 Mr-Ap '66.

CEREBRAL ARTERIOSCLEROSIS

Oxygen therapy of patients with cerebral arteriosclerosis. N. A. Gurin. Trudy MOIP, Otd. biol. 17:202-215 '66.

CEREBRAL CORTEX

Analysis of secondary bioelectric reactions from the associative zones of the cerebral cortex. O. G. Baklavadzhian. Fiziol. zhur. 51 no. 2:149-158 F '65.

Effect of the cerebral cortex on the subcortical inhibition of the knee reflex. V. G. Zilov. Fiziol. zhur. 51 no. 2:190-196 F '65.

Evoked potentials in the visceral ganglia of bivalved mollusks in chemical stimulation of the mantle. V. A. Sokolov. Fiziol. zhur. 52 no. 5:436-490 My '66.

Possibilities of using a neuronally isolated cortex for studying the mechanisms of action of pharmacological substances in chronic experiments. M. M. Khananashvili. Biol. eksp. biol. i med. 58 no. 12:80-88 D '64.

Selective cortical control of evoked activity of the reticular structures of the brain. A. G. Rabin. Fiziol. zhur. 51 no. 2:159-163 F '65.

CEREBRAL CORTEX—AGING

Formation and transformation of the electric activity of the cerebral cortex in dogs in various age periods. I. A. Arshavskii, I. I. Gokhblit. Fiziol. zhur. 51 no. 2: 181-189 F '65.

CEREBROSPINAL FLUID

Detection of specific antibodies in the cerebrospinal fluid and blood serum as a method of early diagnosis of tuberculous meningitis in adults. L. F. Chik. Probl. tub. no. 5:53-58 '64.

Diagnostic significance of glycoproteins in the cerebrospinal fluid of patients with brain tumors. U. B. Mikhimov. Vop. neirokhir. 28 no. 3:49-52 My-Je '64.

Syndrome of simultaneous rise of the protein level in the ventricular and lumbar fluid in tumors of the brain. A. M. Murzalov. Vop. neirokhir. 30 no. 2:49-53 Mr-Ap '66.

CEREBROVASCULAR DISEASE

Clinical aspects of a supratentorial arteriovenous aneurysm. A. P. Burlutskii. Vop. neirokhir. 28 no. 3:30-35 My-Je '64.

Clinical X-ray diagnosis of cerebral aneurysms and angiomas. A. M. Kun, L. S. Soskin. Vest. rent. i rad. no. 2:36-41 '64.

CERIUM CARBIDE

Thermionic emission from CeC_2 . I. U. B. Paderno and others. Zhur. tekhn. fiz. 35 no. 10:1060-1062 O '65.

CERIUM-LIQUID NICKEL ALLOYS see Liquid nickel-cerium alloys

CERIUM NITRATES

Effect of the composition of organophosphorus compounds on the extraction of trivalent cerium nitrate. I. U. F. Orlov, V. P. Slivodov. Radiokhimiya 8 no. 2:139-145 '66.

CERIUM OXIDES

Melting crucibles from cerium dioxide. E. G. Ivanov and others. Ogneupory 31 no. 5:27-29 '66.

CERULOPLASMIN

Ceruloplasmin activity as an index of copper metabolism in diseases of the liver. M. A. Borisova. Lab. delo no. 4:214-215 '66.

CERUSSITE

A new method of determining cerussite. E. M. Katsnel'son. Obog. rud 10 no. 6:37-38 '65.

CERVANTES SAAVEDRA, MIGUEL DE, 1547-1610

Don Quixote and his creator. I. U. Aikhenval'd. Sem. i shkola 21 no. 4:45-48 Ap '66.

CESIUM

Determination of cesium in the urine by the flame photometry method. I. U. F. Koval'. Lab. delo no. 4:213-214 '66.

CESIUM CHLORIDE

System $CeCl_2 - SbCl_3 - HCl - H_2O$ at 25° C. G. V. Zimina and others. Zhur. neorg. khim. 11 no. 4:859-863 Ap '66.

CESIUM HALIDES

Solid solutions in the ternary system of cesium chlorides, bromides, and iodides. I. I. D'lasov, A. G. Bergman. Ukr. khim. zhur. 32 no. 5:541-542 '60.

CESIUM OXIDES

System $Ce_2O_3 - SiO_2$. Z. D. Alekseeva. Zhur. neorg. khim. 11 no. 5:171-176 My '66.

CESIUM SILICATES

Compressibility and solvation of cesium soluble glasses. M. A. Matveev, A. V. Voronin. Trudy MKHTI no. 45: 165-170 '64.

CHAINS

Fatigue-strength analysis of plates of bushed-roller chains. L. D. Kniazev. Izv. vys. ucheb. zav.; mashinostr. no. 2:42-47 '66.

CHAINS (MATHEMATICS)

Application of Markov chains in studying the carding process. M. L. Zaylevich. Izv. vys. ucheb. zav.; tekhn. tekhn. prom. no. 2:49-53 '66.

CHALCID FLIES

Ooencyrtus as a parasite of the larch sawfly. L. Orlov, N. Gorskoy. Zashch. rast. 11 no. 1:39-40 '66.

CHALCOCITE see subdivision under Tur Lake region

CHALCOGENIDES

Effect of thermal treatment on the electron paramagnetic resonance spectra in certain chalcogenide glasses. L. D. Bogomolova, V. N. Lazukin. Dokl. AN SSSR 168 no. 3:550-553 My '66.

CHALCOPYRITE

Characteristics of the diffraction pictures of chalcopyrites of different deposits. I. A. Bud'ko. Rent. min. ayr. no. 4:88-91 '64.

Cubic chalcite and cubic chalcopyrite. A. D. Genkin and others. Geol. rud. mestorozh. 8 no. 1:41-54 Ja-F '66.

Influence of the alkalinity of a solution on the surface conditions of chalcopyrite. A. A. Abramov. Obog. rud 10 no. 6:42-45 '65.

CHALDYSEV, VLADIMIR

First height. Nikolai Shilin. Sov. voen 48 no. 10:2-3 My '66.

CHALTYR' (ROSTOV PROVINCE)—COLLECTIVE FARMS—PENSIONS

Nobody is forgotten. V. Leont'ev. Sots. obes. 41 no. 5: 15-16 My '66.

CHEBOKSARY—WHARVES

A new port on the Volga River. N. Abazian. Rech. transp. 25 no. 4:43-44 '66.

CHEBYSHEV POLYNOMIALS

Using Chebyshev polynomials in problems of structural mechanics. B. P. Derzhavin. Trudy MFT no. 104:99-110 '66.

CHECHEN-INGUSH A.S.S.R.—ANTIQUITIES

Archaeological study of a burial mound near the village of Banut. R. M. Munchayev, V. I. Saralandi. Krat. soob. Inst. arkheol. no. 105:74-80 '66.
Studying the ancient settlement of Serzhen'-Yurt; the excavations of 1964. V. I. Kozenkova, E. I. Krupnov. Krat. soob. Inst. arkheol. no. 105:81-87 '66.

CHECHEN-INGUSH A.S.S.R.—PROSPECTING

Method of commercial exploration of oil pools in Upper Cretaceous carbonate fractured reservoirs in the Chechen-Ingush A.S.S.R. N. A. Plotnikov, N. N. Bolyshev. Geol. netri i gaza 10 no. 5:39-42 My '66.

CHEESE

Cheese made with vegetable fat. G. Eglazhrov. Sov. torg. 39 no. 5:52 My '66.

CHEESE FACTORIES see subdivision under Minsk

CHEKHOV, ANTON PAVLOVICH, 1860-1904

The A. P. Chekhov Sanatorium. N. I. Batmanov. Probl. tub. no. 9:9-11 '64.

The fate of the "Sea gull." L. Malugin. Teatr 25 no. 9: 60-68 S '64.

Tuberculosis in the life and works of A. P. Chekhov; on the 60th anniversary of his death. Sandor Szekely. Probl. tub. no. 9:3-9 '64.

CHELATES

Electron paramagnetic resonance spectra of catalytically active chelate complexes of copper. V. F. Anufriyenko, E. K. Mamaeva, N. P. Keler. Dokl. AN SSSR 168 no. 1:116-119 My '66.

Synthesis and some transformations of sulfides of the thiophene series. Report No. 9; Complex-forming compounds from substituted 5-mercapto-2-alkylthiophenes. I. A. L. Goldfarb and others. Izv. AN SSSR, Ser. khim. no. 5:897-902 '66.

Synthesis and study of the thermal resistance of acrylonitrile copolymers containing intermolecular ionic and chelate bonds. G. I. Kudravytsev, V. N. Odorova, M. V. Shablygin. Vysokom. soed. 8 no. 5:821-828 My '66.

CHELYABINSK—IRON AND STEEL PLANTS—EQUIPMENT AND SUPPLIES

Hardening of equipment at the Chelyabinsk Metallurgical Plant. Z. Bitner, L. Goldsman. Metallurg 11 no. 5: 34 My '60.

CHELYABINSK—MACHINERY INDUSTRY

Export services in the enterprises of the Urals. Vnesh. torg. 46 no. 4:36-37 '66.

CHELYABINSK—OPEN-HEARTH FURNACES

Automatic control of heat processes in the open-hearth furnaces of the Chelyabinsk Metallurgical Plant. Stal' 26 no. 5:416-422 My '66.

CHELYABINSK BASIN—COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Thickness of inclined seams as a factor of fire hazard in coal mining in the Chelyabinsk Basin. A. V. Chuchalov. Ugol' 41 no. 5:64-66 My '66.

CHELYABINSK BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Ural gems. I. Shatalov. Sov. shakht. 15 no. 5:11 My '66.

CHELYABINSK PROVINCE—METALWORKERS—EDUCATION AND TRAINING

Akhumova, L. G., and F. N. Gol'bukh. [Know, dare, and lead!] Znati, derzat', vesti za soboi! [Chelabinsk] Iuzhno-Ural'skoe knizhnoe izd-vo, 1965. 68 p.

CHELYABINSK PROVINCE—NICKEL ORES—GRADING

Blending of ores in the Ufaley strip mines. G. K. Zagorluko. Gor. zhur. no. 5:21-24 My '66.

CHEMICAL APPARATUS

Design and calculation method for the improvement of self-acting valves. A. I. Borisoglobovskii, R. V. Kuz'min. Khim. i nef. mashinostr. no. 3:6-10 Mr '66.

Elements of bubble cap gas distributing systems. V. E. Kozin, A. P. Baskakov. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:137-143 '65.

Increasing the operative efficiency of esterification apparatus. A. G. Tarasova, A. A. Semenov. Gidroliz. i lesokhim. prom. 19 no. 4:122 '66.

CHEMICAL APPARATUS (Continued)

Modernized PAK-320-6 bypass valve of the column for ammonia synthesis. V. P. Klimov. Khim. i nef. mashinost. no. 3:45 Mr '66.

Thermochemical apparatus. G. M. Vekaler, I. U. M. Vinogradov, N. M. Samsonov. Khim. i nef. mashinost. no. 5: 18-24 My '66.

Work of downcomerless sieve plates in apparatus with a fluidized bed. I. I. Shishko, K. N. Shabalin. Izv. vys. ucheb. zav.; Khim. i khim. tekhn. 9 no. 1:132-136 '66.

CHEMICAL APPARATUS—MAINTENANCE AND REPAIR

Moscow. Tsentral'noe biuro promyshlennyykh normativov po trudu. [Branch time norms for the repair of apparatus with mixers in chemical plants] Otrazheno normy vremeni na remont apparatov s meshalkami dlia predpriyatiy khimicheskoy promyshlennosti. 2. izd. Moskva, 1965. 31 p.

CHEMICAL APPARATUS—TESTING

Experimental unit for studying heat transfer in the film flow of fluids. I. I. Chernobyl'skiy, I. U. M. Tatanatko, E. G. Vorontsov. Khim. mashinost. no. 2:125-131 '65.

CHEMICAL BONDS

Synthesis and study of the thermal resistance of acrylonitrile copolymers containing intermolecular ionic and chelate bonds. G. I. Kudriavtsev, V. N. Odnoraleva, M. V. Shablygin. Vysokom. soed. 8 no. 5:821-828 My '66.

CHEMICAL DENUDATION

Results of studying mechanical and chemical denudation of drainage basins. V. P. Kazarinov, A. E. Kontorovich, L. M. Gerasimova. Sov. geol. 8 no. 8:63-73 S '65.

CHEMICAL ELEMENTS

Behavior of alkali rock forming and accessory elements in the alkali rocks of the Sushchany-Perga zone. O. V. Zhechenko. Min. shor. 19 no. 2:208-219 '65.

CHEMICAL ELEMENTS—THERMAL PROPERTIES

Moscow. Vsesoyuznyi institut nauchnoy i tekhnicheskoy informatsii. [Thermal constants of substances; a manual in ten numbers] Termicheskie konstanty veshchestv; spravochnik v desyati vypuskakh. Podgotovlen pod nauch. rukovodstvom V. P. Glushko. Moskva, Nauch. Zhur. no. 2. Glushko, V. P., and others, eds. S. Sc, Te, Po. 1966. 94 p.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Inter-crystalline corrosion of pipe system parts in the production of urea. I. G. Kharlamov, A. N. Kuzukov. Khim. i nef. mashinost. no. 3:45-46 Mr '66.

CHEMICAL ENGINEERING—LABORATORY MANUALS

Nikolenko, L. N. [Laboratory work on intermediate products and dyes] Laboratornyy praktikum po promyshlennym produktam i krasitel'nyam. 2. izd., 1. ispr. Moskva, Vysshaya shkola, 1965. 342 p.

CHEMICAL EQUILIBRIUM

Phosphomolybdate - metal phosphomolybdate equilibrium constants for the titanium subgroup. I. U. F. Sikaravskiy, Zhur. neorg. khim. 11 no. 4:797-802 Ap '66.

CHEMICAL INDUSTRIES

(see also subdivision under *Erivan*)

Accelerated expansion of the chemical industry is an important and imperative task. D. P. Ivanov. 1. it. proizv. no. 2:1 F '64.

All-Union conference on the economic problems in the development of chemical industries and chemization of the national economy. A. S. Valin. Plant. massy no. 5: 63-70 '66.

Moscow. Institut narodnogo khozjalstva. Kafedra ekonomiki promyshlennosti. [Chemicalization of U. S. S. R. industry] Khimizatsiya promyshlennosti SSSR. Pod red. L. I. Ilin. Moskva, 1965. 132 p.

Network planning of developments. K. K. Kirdin. Khim. prom. 42 no. 5:366-373 My '66.

Wide prospect for the Chemist's Day. S. Tikhomirov. Agitator 34 no. 10:42-43 My '66.

CHEMICAL INDUSTRIES—MANAGEMENT

Piggot, S. G. [Automation of the management of enterprises of the chemical industry] Avtomatizatsiya upravleniya predpriyatiyami khimicheskoy promyshlennosti. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnika. IV Seriya: Tekhnika, no. 10)

CHEMICAL INDUSTRIES—MATHEMATICAL MODELS

see subdivision under *Baltic Economic Region*

CHEMICAL INDUSTRIES—PRODUCTION STANDARDS

Moscow. Tsentral'noe biuro promyshlennyykh normativov po trudu. [Branch time norms for the repair of apparatus with mixers in chemical plants] Otrazheno normy vremeni na remont apparatov s meshalkami dlia predpriyatiy khimicheskoy promyshlennosti. 2. izd. Moskva, 1965. 31 p.

CHEMICAL INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Problems of improving the technological level of the chemical industry. I. Kochetkov, V. Rebrov, N. Telezhkin. Vop. ekon. no. 4:24-32 Ap '66.

CHEMICAL LABORATORIES

see subdivision under *Novosibirsk; Zaporozh'ye*

CHEMICAL LABORATORIES—SAFETY MEASURES

Kostin, N. V. [Work safety measures in chemical laboratories] Tekhnika bezopasnosti raboty v khimicheskikh laboratoriyakh. [Moscow] Izd-vo Mosk. univ., 1966. 344 p.

CHEMICAL MACHINERY

Determining the cylindrical stiffness of plates with checked perforation. G. A. Salomatin. Khim. i nef. mashinost. no. 3:1-3 Mr '66.

CHEMICAL MACHINERY—TESTING

Results of the testing of colloid heater-cavitation mills. V. M. Karaulov, A. N. Solovyanov. Khim. i nef. mashinost. no. 3:27-29 Mr '66.

CHEMICAL MACHINERY INDUSTRY

Basic ways in increasing the technological level of chemical and petroleum machinery manufacturing in the period 1960-1970. K. I. Brekhov. Khim. i nef. mashinost. no. 5:1-4 My '66.

CHEMICAL MACHINERY INDUSTRY—LABOR

PRODUCTIVITY see subdivision under *Ukraine*

CHEMICAL PLANTS

Semienclosed area for the equipment of compressor stations at chemical enterprises. M. E. Ostrovskiy, V. B. Sokolov, S. S. Mitrofanov. Prom. stroi. 43 no. 5:18-19 '66.

Use of bent elbows and welded joints in high-pressure pipe systems. A. A. Kurkumeli, V. V. Nizkiy, S. P. Gorbachev. Khim. i nef. mashinost. no. 3:31-34 Mr '66.

CHEMICAL PLANTS—DESIGN AND CONSTRUCTION

Method for further improvement of the construction of chemical enterprises. G. Stepanovich. Prom. stroi. i inzh. soor. 8 no. 3:1-5 My-Je '64.

CHEMICAL PLANTS—EQUIPMENT AND SUPPLIES

see subdivision under *Ukraine*

CHEMICAL REACTION, RATE OF

Akademika nauk SSSR. Institut khimicheskoy fiziki. [Chemical kinetics and chain reaction] On the seventieth birthday of Academician N. N. Semenov] Khimicheskaya kinetika i ispynye reaktsii; k semidesyatiy letiyu akademika N. N. Semanova. Moskva, Nauka, 1966. 603 p.

Akademika nauk SSSR. Institut khimicheskoy fiziki. [Chemiluminescent methods of studying slow chemical processes] Khimiluminescentnye metody issledovaniya medlennykh khimicheskikh protsessov. [By] V. I. A. Shilpintokh i dr. Moskva, Nauka, 1966. 299 p.

Decomposition of dicyanodiamide in aqueous-alkaline media. I. U. I. Muehkin, A. I. Pinkshteyn. Kin. i kat. 7 no. 2:219-223 Mr-Apr '66.

Effect of chromium on the kinetics of niobium oxidation. R. F. Volkovich. Ukr. khim. zhur. 32 no. 5:445-448 '66.

Kinetics and mechanism of the thermal decomposition of ethane. Part 2. I. U. I. Kudriavtseva, V. I. Vedenev. Kin. i kat. 7 no. 2:208-213 Mr-Apr '66.

Kinetics of the high-temperature chlorination of ethylene in a flow. A. I. Subbotin, V. N. Antonov, V. S. Etlis. Kin. i kat. 7 no. 2:202-207 Mr-Apr '66.

Tables and diagram for determining maximum yields in primary products of consecutive-parallel reactions. S. I. Burnistrov. Kin. i kat. 7 no. 2:356-358 Mr-Apr '66.

Two types of compensation effect. A. I. Gelfman, R. G. Lazan. Dokl. AN SSSR 168 no. 1:137-139 My '66.

Ways of molecular nitrogen activation. I. U. G. Dorod'ko, A. E. Shilov, A. A. Shteinman. Dokl. AN SSSR 168 no. 3:581-584 My '66.

CHEMICAL REACTIONS

Existence and stability of stationary conditions in chemical reactions on porous catalyst grains. L. M. Pistmen, I. U. I. Kharkats. Dokl. AN SSSR 168 no. 3:632-635 My '66.

Experimental study of chemical reactions involving macromolecules. A. I. Babaev and others. Zhur. eksp. teor. fiz. 50 no. 4:877-889 Ap '66.

Mathematical description of reaction processes in styrene production considered as optimization objects. T. G. Razuvaev. Za tekhn. prog. 4 no. 12:8-12 D '64.

Study of some solid-phase reactions by the method of high-temperature roentgenography. S. A. Stakheeva, E. I. Khazanov. Rent. min. syr. no. 4:117-124 '64.

CHEMICAL REACTORS

From the experience in the production of xylitol. E. A. Nomanov. Gidroliz. i lesokhim. prom. 19 no. 4:23 '66.

Improved gradientless reactors with a piston turbulence mixer for investigating the kinetics of heterogeneous catalytic processes. G. P. Kornelchuk, V. G. Vysochenko, N. A. Konstantinov. Kin. i kat. 7 no. 2:358-361 Mr-Apr '66.

Kinetics of polymerization in a flow reactor of ideal mixing. A. D. Litmanovich, V. A. Agasandian. Kin. i kat. 7 no. 2:309-318 Mr-Apr '66.

New design of a reactor for studying gas reactions by the electron paramagnetic resonance method. E. N. Sarkisyan, V. V. Azatian. Kin. i kat. 7 no. 2:362-363 Mr-Apr '66.

Service life of refractories in reactors used for the production of carbon black. M. V. Pitak, Z. D. Zhukova, V. K. Bocharov. Ognesupory 31 no. 5:55-56 '66.

Studying heat transfer in polymerization apparatus. S. A. Gorodinskaya, V. I. Gnatovskiy, S. V. Sidorenko. Khim. mashinost. no. 2:140-144 '65.

Use of vibratory working members for the intensification of the dissolving process. P. P. Loboda. Khim. mashinost. no. 2:119-124 '65.

Vibratory spouting reactor for gas-liquid processes. A. B. Fisman, K. A. Sheharov, D. V. Sokol'skiy. Izv. vys. ucheb. zav.; Khim. i khim. tekhn. 9 no. 1:148-150 '66.

CHEMICAL REACTORS—MODELS

Modeling and design of a reactor for isopropylbenzene oxidation. M. E. Aerov and others. Khim. prom. 42 no. 5:379-384 My '66.

CHEMICAL REDUCTION

see *Reduction, Chemical*

CHEMICAL TESTS AND REAGENTS

Nitrated sulfite alcohol stillage as reagent for oil well drilling fluids. V. Izumrudova and others. Gidroliz. i lesokhim. prom. 19 no. 4:25 '66.

CHEMICAL WARFARE

Weapons of mass destruction. F. Petrov. Tekhn. i vooruzh. 24 no. 1:8-16 Ja '66.

CHEMICALS

Akademika nauk SSSR. Institut goruchikh iskopaemykh. [New means for obtaining chemical products on the basis of combustible minerals] Noveye sposoby polucheniya khimicheskikh produktov na osnove goruchikh iskopaemykh. Moskva, Nauka, 1966. 113 p.

CHEMICALS—PHYSIOLOGICAL EFFECT

Increase resistance of muscle proteins in heterotic hybrids of *Coregonus lavaretus ludoga* and *C. albus*. A. A. Kusakina. Tsitologiya 6 no. 4:493-495 Ji-Ag '64.

CHEMISTRY

Starodubtsev, S. I. A. [Concise course of chemistry] Kratkiy kurs khimii. Red. V. A. Shcherbinin. Moskva, Energ. in-t. No. 1. 1965. 171 p.

23d Congress of the CPSU. Ukr. khim. zhur. 32 no. 5:1-IV '66.

CHEMISTRY—ABSTRACTS

[Chemistry] Ref. zhur.; Khim. no. 8 (pts. 1-2) Je '66.

CHEMISTRY—BIBLIOGRAPHY

see *Bibliography—Chemistry*

CHEMISTRY—EXPERIMENTS

Planning of experiments for measuring normally distributed values of comparatively great dispersion. M. I. Pavlishchev. Khim. mashinost. no. 2:132-139 '65.

CHEMISTRY—LABORATORY MANUALS

Kriachkov, N. N., and A. M. Klubashvili. [General chemistry; a manual on laboratory work for students of all departments except technical chemistry] Obshchaya khimiya; posobie po laboratornym rabotam dlia studentov vsekh fakul'tetov, krome khimiko-tekhnologicheskogo. Leningrad, Severo-Zapadnyi zaokhmyi politekh. in-t, 1965. 95 p.

CHEMISTRY, ANALYTICAL

"Chemical analysis in ultraviolet rays" by K. P. Stollarov, I. M. Korenman. Zhur. anal. khim. 21 no. 4:514 '66.

Conference on the analytical chemistry of semiconducting materials. L. S. Kopanskaya. Zhur. anal. khim. 21 no. 4:516-517 '66.

Present state of chemical composition analysis and prospects for its further development. B. S. Khristoforov. Metod. izuch. veshch. sost. i ikh prim. no. 1:5-19 '65.

Use of ascorbic acid in analysis; a survey. A. T. Filipenko, M. B. Kindinskaya. Zav. lab. 32 no. 1:3-10 '66.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY

see *Bibliography—Chemistry, Analytical*

- CHEMISTRY, ANALYTICAL—LABORATORY MANUALS**
Vasil'ev, V.V., and N.N. Grigor'ev. [Laboratory manual on chemical qualitative semimicroanalysis] *Prakticheskoe rukovodstvo po kachestvennomu khimicheskomu polimikroanalizu.* [Leningrad] Izd-vo Leningr. univ., 1960. 263 p.
- CHEMISTRY, FORENSIC**
 Use of adsorption and precipitation chromatography in forensic chemistry. L.M. Vlasenko. *Ant. delo* 15 no. 2:77-80 Mr-Apr '66.
- CHEMISTRY, INORGANIC**
Bozhevol'nov, E.A. [Luminescent analysis of inorganic substances] *Luminiscentnyi analiz neorganicheskikh veshchestv.* Moskva, Khimika, 1966. 415 p.
Kontrinas, Justinas, and Natalija Smorigaitė. [Inorganic chemistry; a short course] *Neorganinė chemija; trumpas kursas. 2. patalaitas leidimas.* Vilnius, Mintis, 1965. 247 p. [In Lithuanian]
- CHEMISTRY, INORGANIC—HANDBOOKS, MANUALS, ETC.**
Akhmetov, N.S. [Inorganic chemistry; a manual for students of chemical and technological departments] *Neorganicheskaya khimiya; uchebnoe posobie dlia studentov khimiko-tekhnologicheskikh spetsial'nostei.* Kazan', Kazanskii khimiko-tekhnologicheskii in-t im. S.M. Kirova. Pis. 1-2. Izd. 2., perer. 1965. 551 p.
- CHEMISTRY, INORGANIC—LABORATORY MANUALS**
Ripan, R., and I. Ceteanu. [Manual for laboratory work in inorganic chemistry; nonmetals. Translated from the Romanian] *Rukovodstvo k prakticheskim rabotam po neorganicheskoi khimii; nemetali.* Pod red. V.I. Spitsyna. Moskva, Mir, 1965. 564 p.
- CHEMISTRY, MEDICAL AND PHARMACEUTICAL**
 Calculation methods for the conversion of alcohols of various concentrations. E.L. Marholis. *Farmatsev. zhur.* 10 no. 2:87-88 '64.
 Methodology of determining the extraction coefficient of lipids from lipoproteins. V.E. Anisimov, V.I. Novichkov, I.G. Salikhov. *Lab. delo* no. 4:211-212 '66.
 Pterolones of some new medicinal preparations. M.P. Iavors'kiy. *Farmatsev. zhur.* 19 no. 2:65-69 '64.
 Quantitative determination and optimal conditions for the extraction of platyphylline using organic solvents. E.I. Elhorova. *Farmatsev. zhur.* 19 no. 2:76-80 '64.
 Rapid micro-method for the determination of the activity of carbonic anhydrase. A.A. Pokrovskii, V.A. Tutel'ian. *Vop. med. khim.* 12 no. 3:310-316 My-Je '66.
 Semimicro-method for the extraction of heavy metals from the ashes of biological material and their polarographic determination. V.I. Seibel'man. *Lab. delo* no. 4:215-221 '66.
 Study of accompanying substances contained in commercial tetracycline preparations. Isolation and identification of acetyldicarboxamidotetracycline. V.I. Frolova, A.D. Kuzovkov, G.S. Rozenfeld. *Antibiotiki* 11 no. 4: 208-202 Ap '66.
 Study of the mechanism of polymycin M inactivation. L.A. Baratova, A.B. Silaev, R.I. Khrapova. *Antibiotiki* 11 no. 4:302-307 Ap '66.
 Synthesis and properties of 3-alkyl-2-thio-4-thiazanone. B.S. Zimenkiv'skiy. *Farmatsev. zhur.* 21 no. 2:11-14 '66.
 Use of triple complexes in pharmaceutical analysis. V.P. Kunakh, N.V. Korinna, M.I. Mykhailenko. *Farmatsev. zhur.* 19 no. 2:60-65 '64.
 Volumetric and gravimetric methods for determining pachycarpine hydrochloride using picric acid. N.P. Iavors'kiy. *Ant. delo* 15 no. 2:37-43 Mr-Apr '66.
- CHEMISTRY, ORGANIC**
Pokrovskaya, G.V., and V.S. Chernov. [Organic chemistry] *Organicheskaya khimiya.* Izd. 2., ispr. i dop. Moskva, Vysshaya shkola, 1966. 225 p.
- CHEMISTRY, ORGANIC—HANDBOOKS, MANUALS, ETC.**
Napolskii, S.A. [Preparation, properties, and use of organic compounds; molecules of types I and II. A manual for students of organic chemistry] *Pou-chenie, svoista i primenenie organicheskikh soedinenii; molekuly I i II tipa. V pomoshch' izuchalushchim organicheskuyu khimiyu.* Kirov, Kirovskii gos. pedagog. in-t. No. 2. 1964. 135 p.
- CHEMISTRY, ORGANIC—LABORATORY MANUALS**
Golodnikov, G.V. [Laboratory work in organic synthesis] *Prakticheskie raboty po organicheskoi sintezu.* Pod red. I.A. D'akonova. [Leningrad] Izd-vo Leningr. univ., 1966. 309 p.
- CHEMISTRY, PHYSICAL AND THEORETICAL**
Pavluchenko, M.M., and I.G. Tishchenko, eds. [Heterogeneous reactions and reactivity] *Geterogennye reaktsii i reaktivnaya sposobnost'. Minsk, Vysshaya shkola, 1964. 288 p.*
- CHEMISTRY, TECHNICAL**
 (see also subdivision under Kazakhstan)
Kizel'shtein, V.I.A. [Chemistry in metalwork] *Khimiya v obrabotke metallov.* [Leningrad] Lenizdat, 1966. 152 p.
Nikolaev, S.F. [Wonderland] *Oblast' chudes.* [Perm'] *Perskoe knizhnoe izd-vo*, 1965. 93 p.
Tovbin, I.M., and E.E. Fainberg. [Technological design and planning of oils and fats processing enterprises; oil splitting and production of glycerin. Glycerin distillation. Distillation and rectification of fatty acids. Production of household and toilet soap. Production of synthetic washing powders. Production of margarine, culinary and confectionery oils and fats] *Tekhnologicheskoe proektirovanie zhiropererabatyvushchikh predpriiati; rasche-penie zhиров i pouchenie gitsierina. Distillatsiya gitsierina. Distillatsiya i rektifikatsiya zhirnykh kisel. Proizvodstvo khozhaistvennogo i tsel'nogo myla. Proizvodstvo sinteticheskikh molushchikh poroshkov. Proizvodstvo margarina, kulinarnykh i konditerskikh zhиров.* Pod red. A.L. Markmana. Moskva, Pishchevala promyshlennost', 1965. 515 p.
- CHEMISTS**
 Chemist's Day. *Kauch. i rez.* 25 no. 5:2 '66.
 Chemist's Day. *Khim. prom.* 42 no. 5:321 My '66.
 Chemist's Day. *Khim. volok.* no. 3:1-2 '66.
- CHEMOTHERAPY**
 Further experimental study of the effectiveness of chemical anthrax vaccine. N.I. Aleksandrov and others. *Zhur. mikrobiol., epid. i immunit.* 41 no. 8:45-50 Ag '64.
Kassirskii, I.A. [Seekers of new antimicrobial drugs] *Iskatel' novykh antimikrobykh lekarstv.* Moskva, Meditsina, 1966. 65 p. (Naucho-populiarnaya meditsinskaya literatura)
 Pyridoxine metabolism and transaminase activity of blood serum in patients with pulmonary tuberculosis during chemotherapy. V.D. Gol'dshtein. *Vop. med. khim.* 12 no. 3:234-239 My-Je '66.
- CHERENKOV RADIATION**
 Theory of Cherenkov radiation of a charged particle in a cold plasma. V.N. Kordumov. *Zhur. tekh. fiz.* 35 no. 10:1771-1781 O '65.
 The Vavilov-Cherenkov effect on surface waves. K.A. Barsukov, L.G. Naryshkina. *Zhur. tekh. fiz.* 36 no. 5: 800-805 My '66.
- CHEREPOVETS (VOLOGDA PROVINCE)—IRON AND STEEL PLANTS**
 The "Severnaya Magnitka" steel plant. A. Kabanov. *Agtator* no. 3:48-50 F '64.
- CHEREPOVETS (VOLOGDA PROVINCE)—METALLURGICAL PLANTS—SCHEDULING**
 Three-step system of network scheduling. D. Mamicev. *Na stroi. Ros.* 7 no. 4:3-5 Ap '66.
- CHERNIAKOVSKII, IVAN DANILOVICH, 1896-1945**
 One of the best commanders. A. Kiselev. *Voen. -ist. zhur.* 8 no. 6:36-49 Je '66.
- CHERNIGOV—HISTORICAL RESEARCH**
 Scholarly research in the Chernigov Pedagogical Institute. O.M. Ukr. ist. zhur. 10 no. 5:156 My '66.
- CHERNIGOV—SEED INDUSTRY**
 A new plant in Chernigov. N. Lysak. *Zakup. sel'khoz. prod.* no. 4:35-36 Ap '66.
- CHERNOVTSY PROVINCE** see Bukovina
- CHERNOZEM SOILS**
 (see also subdivision under Odessa Province)
 Change in the content and composition of humus and nitrogen in Chernozems of the European part of the U.S.S.R. when brought under cultivation. V.V. Lavrent'ev. *Agrokhimia* no. 5:17-26 My '66.
 Effect of continuous cultivation and regular use of fertilizers on the content and composition of humus in leached Chernozems. P.S. Koltakova, G.A. Shevchenko. *Agrokhimia* no. 5:27-33 My '66.
 Effect of continuous use of fertilizers on the productivity of some crops in monoculture and on the agrochemical properties of Chernozem soils in the forest-steppe of the Ukraine. M.G. Gupalo and others. *Vil'an, dlit. prin. udob. na plod. poch. i prod. sevoobor.* no. 2:250-281 '64.
 Effectiveness of farm manure and mineral fertilizers as related to the amount used in crop rotations on the Chernozem soils in the steppe of the Ukraine. I.K. Artukhov. *Vil'an, dlit. prin. udob. na plod. poch. i prod. sevoobor.* no. 2:226-248 '64.
- CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1826-1880**
 N.G. Chernyshevskii and the Azerbaijani language. A.A. Seid-zade. *Izv. AN Azerb. SSR. Ser. obschestv. nauk.* no. 6:74-83 '65.
- CHERRY LAUREL** see subdivision under Azerbaijan
- CHEST—DISEASES**
 "Acute thorax" as a term for emergent diseases of the organs of the thoracic cavity. G.K. Aliev, N.M. Izaev. *Azerb. med. zhur.* 42 no. 5:11-16 My '65.
- CHEST—SURGERY**
 Changes in mineral metabolism following thoracic operations. I.F. Grekh, M.P. Ronsankova, E.A. Bogdanov. *Grad. khir.* 8 no. 2:10-15 Mr-Apr '66.
 Changes in the function of the adrenal cortex in intrathoracic surgery following the use of metaplast. V.E. Ryzhenkov and others. *Vest. khir.* 96 no. 4:23-31 Ap '66.
- CHEST—TUMORS**
 X-ray diagnosis of neurogenic tumors of the chest cavity. K.A. Golubeva, A.I. Rozhdestvenskaya. *Vest. rent. i rad.* 41 no. 2:23-31 Mr-Apr '66.
- CHIATURA (GEORGIA)—MANGANESE MINES AND MINING**
 Optimum value of the charging coefficient and the number of borholes in mine stope of the "Chiaturmanganese" Trust. G.A. Berlabvili, R.V. Mikhe'lon. *Vzryv. delo* no. 59:16:237-247 '66.
- CHIATURA REGION (GEORGIA)—MANGANESE ORES—MICROBIOLOGY**
 Participation of micro-organisms in the formation of oxidized ores of the Chiatura manganese deposits. G.A. Sokolova-Dubnina, Z.P. Derzhugba. *Mikrobiologiya* 35 no. 2:343-349 Mr-Apr '66.
- CHICK-PEA**
 Herbicides in chick-pea and vetching fields. B. Saitov, N. Germantseva. *Zashch. rast.* 11 no. 4:30 '65.
- CHICKEN CHOLERA**
 Microscopic changes in the liver of turkeys with pasteurellosis. L.I. Volkov. *Veterinaria* 43 no. 5:34-35 My '66.
- CHICKEN CHOLERA—MICROBIOLOGY**
 Aerosol method for the disinfection of premises in the case of pasteurellosis of poultry. V.G. Zharov, A.A. Polakov. *Trudy VNIIVS* 16:132-150 '66.
 Decontamination of grain infected with the pathogens of pasteurellosis in poultry. V.G. Zharov, A.A. Polakov. *Trudy VNIIVS* 16:154-156 '66.
 Pasteurellosis infection of poultry through contaminated feeds. V.G. Zharov, A.A. Polakov. *Trudy VNIIVS* 16: 151-153 '66.
 Survival of Pasteurella avis in an external environment. V.G. Zharov. *Trudy VNIIVS* 16:92-108 '66.
 Working out the method for moist disinfection in pasteurellosis of poultry. V.G. Zharov, A.A. Polakov. *Trudy VNIIVS* 16:110-131 '66.
- CHIGIRIN (UKRAINE)—DRUGSTORES**
 170 years of the Chigirin drugstore. V.S. Privorots'kiy. *Farmatsev. zhur.* 21 no. 2:77-79 '66.
- CHILD STUDY**
 Ability to see and to hear. A. Venger, L. Venger. *Sem'ia i shkola* 21 no. 4:6-8 Ap '66.
- CHILDREN**
 Content of hemoglobin in the blood serum in children. M.M. Alimova, I.U.A. Urkov, T.S. Koroleva. *Lab. delo* no. 4:203-207 '66.
 A present. B.L. Ishita. *Doshk. vosp.* 39 no. 4:24 Ap '66.
- CHILDREN—DISEASES**
 (see also subdivision under Sumgait, Azerbaijan; Ukraine)
 Hemophilia in children. A.V. Mazurin, T.G. Pakhuta. *Probl. gemat. i perel. krovi* 11 no. 4:23-28 Ap '66.
Marushvili, G.M. [Helminthic diseases in children] *Glistnye zabolevaniia u detei.* Moskva, Znaniye, 1966. 30 p. (Narodnyi universitet; Fakul'tet zdorov'ia, no. 10)
- CHILDREN—INSTITUTIONAL CARE**
 In a sanatorium kindergarten. N. Grunynsheva. *Doshk. vosp.* 39 no. 4:67 Ap '66.
- CHILDREN—MANAGEMENT**
 Behind the blue smoke of a cigarette... V. Vishnevskii. *Sem'ia i shkola* 21 no. 4:25-29 Ap '66.
 Effectual words. F. Ippolitov. *Sem'ia i shkola* 21 no. 4: 14-15 Ap '66.
 From man to man. A. Eliseeva. *Doshk. vosp.* 39 no. 4: 52-54 Ap '66.
 Let's know the child. E. Papkovskaya. *Doshk. vosp.* 39 no. 4:22-23 Ap '66.
 Liking or necessity? L. Zakhar'in. *Sem'ia i shkola* 21 no. 4:32 Ap '66.
 Right of children to be respected. *Sem'ia i shkola* 21 no. 4:17-19 Ap '66.

CHILDREN—MANAGEMENT (Continued)

- School as a center of educational work. A. Aref'eva. Nar. obr. no. 5:82-85 My '66.
- Talented educator. O. Ashurkova. Doshk. Vosp. 39 no. 3:84-87 Ap '66.
- Thoughts full of concern. Z. Dobroborskaia. Doshk. vosp. 39 no. 4:35-37 Ap '66.
- When the child loses faith in the good.... M. T. Syrovatka. Rad. shkola 45 no. 5:90-91 My '66.

CHILDREN—NUTRITION

- Energy expenditure in children during various periods of epidemic hepatitis. G. S. Kisteneva. Vop. pit. 23 no. 4:26-30 Ji-Ag '64.

CHILDREN—SURGERY

- Plastic surgery for the repair of cavities and defects following removal of bone tumors in children. L. V. Prokopenko. Vest. khim. 96 no. 4:122-126 Ap '66.
- Preoperative X-ray diagnosis of congenital median cervical cysts and fistulae in children. IU. B. Bogdasarov, E. B. Badanova. Vest. rent. i rad. no. 2: 56-59 '64.

CHILDREN, DEAF

- Levinson, B. G. [A reform of educational work in boarding schools for deaf children.] Perestroika vospitatel'noi raboty v shkole-internate dlia glukhih detei. Pod red. S. A. Zykova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 77 p. (Pedagogicheskie chteniia)

CHILDREN'S CLOTHING

- Breeches for children. R. Z. Tret'iakova. Prom. Bel. 9 no. 1:38-39 Ja '66.

CHILDREN'S CLUBS

- (see also subdivision under Moscow)

- "Light" in Parkovaya Street. M. Lidiia. Sem'ia i shkola 21 no. 4:35-37 Ap '66.

CHILDREN'S LIBRARIES see Libraries, Children's

CHIMKENT PROVINCE—WATER SUPPLY

- Water supply of the Chimkent industrial region and exploitation of the Irtys ore field. V. V. Galitakii. Vest. AN Kazakh. SSR 22 no. 4:50-64 Ap '66.

CHIMNEYS

- Assembling a metal chimney having a height of 60 m. V. Babich. Prom. stroi. i inzh. soor. 6 no. 3:61-62 My-Je '64.

CHIMNEYS—CORROSION

- Corrosion of reinforced concrete smokestacks of electric power plants. D. A. Bursakovskii. Flek. atn. 36 no. 3: 29-36 Mr '66.

CHINA—AGRICULTURE—ECONOMIC ASPECTS

- Nepomnin, O. E. [Genesis of capitalism in the agriculture of China.] Genesis kapitalizma v sel'skom khoziaistve Kitaa. Moskva, Nauka, 1966. 270 p.

CHINA—HISTORY—SOURCES

- Eftimov, G. V. [Historical and bibliographical review of sources and literature on the modern history of China.] Istoriko-bibliograficheskii obzor istochnikov i literatury po novoi istorii Kitaa. [Leningrad] Izd-vo Leningr. univ. Pt. 1. [Introduction and review of the source materials] Vvedenie, obzor istochnikov. 1965. 177 p.

CHINA—PEASANT UPRISINGS

- Simonovskii, L. V. [Anti-feudal struggle of Chinese peasants in the 17th century.] Antifeodal'nata bor'ba kitaiskikh krest'ian v XVII voke. Moskva, Nauka, 1966. 340 p.

CHINA CLAY see Kaolin

CHINGIZTAU—FAULTS (GEOLOGY)

- New data on the nature of the Chingiztau fault (eastern Kazakhstan). A. I. Suvorov, S. G. Samygin. Dokl. AN SSSR 168 no. 3:654-657 My '66.

CHINGIZTAU—GEOLOGY, STRUCTURAL

- Deformation of the Pre-Eocene penoplain of the Chingiztau. G. M. Kozlovskii. Izv. AN Kazakh. SSR. Ser. geol. 23 no. 1:67-72 Ja-F '66.

CHINGIZTAU REGION—GEOLOGY

- Structural facies zones in the southwestern slope of the Chingiztau. E. M. Velikovaia, B. I. A. Zhuravlev, E. P. Uspenskii. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:80-101 Mr-Ap '66.

CHINGILSUITE

- Study of the radial distribution in the rosenogenomorphous minerals of the chingilsuite-hisingerite group. M. D. Dorfman, A. I. Sokolov. Rent. min. syr. no. 4:82-86 '64.

CHIRCHIK RIVER—ICE

- Precalculation of the flow of frazil. V. A. Berg. Trudy Lengidropromkha 2:168-197 '65.

CHITA PROVINCE—PETROLOGY

- Contact interaction between the coarse-grained and glaucic-grained calcite carbonatites of the Gultinsk Massif and their enclosing rocks. E. A. Landa. Dokl. AN SSSR 168 no. 2:439-441 My '66.

CHITA PROVINCE—SCHOOLHOUSES

- Activities and plans. TS. Nemogonov. Nar. obr. no. 5: 25 My '66.

CHIKALOV, VALERII PAVLOVICH, 1904-1938

- Our Chkalov. S. Rumiantsev. Rech. transp. 23 no. 2: 44 F '64.

CHIKALOV PROVINCE see Orenburg Province

CHLORIDES

- Extraction of the chlorides of cobalt (II), nickel (II), and manganese (II) by tributyl phosphate. B. Jesowska-Tiszeblatowska, S. Kopacz. Radiokhimiia 8 no. 2:145-153 '66.

CHLORIDES—TOXICOLOGY

- Electrocardiographic changes in workers exposed to organic chlorine insecticides. E. P. Krasniuk. Sov. med. 28 no. 9:134-137 S '64.

CHLORINATION

- High-temperature chlorination of ethylene in presence of vinyl chloride. A. I. Subbotin and others. Khim. prom. 42 no. 5:329-333 My '66.
- Kinetics of the high-temperature chlorination of ethylene in a flow. A. I. Subbotin, V. N. Antonov, V. S. Ellis. Khim. i tekhn. 7 no. 2:202-207 Mr-Ap '66.
- Radiation chlorination of kerosene. R. V. Dzhigat'shchikh and others. Khim. prom. 42 no. 5:336-340 My '66.
- Rate of chlorinating titanium-containing briquets. A. I. Lytskov, N. V. Galitakii, N. A. Vasilutskii. TSvet. met. 39 no. 5:72-74 My '66.

CHLORINE

- Analysis of the acid-forming function of the stomach depending on the excretion of chlorine. T. M. Torosov. Fiziol. zhur. 52 no. 5:521-524 Mr-Ap '66.

CHLORITES—ANALYSIS

- Study of the chemical constitution and the connection of optics with the chemical composition of chlorites by the method of correlation analysis. M. M. Il'vitskii, Z. I. Tamar-Barash. Zap. Vses. min. ob-va 95 no. 2: 224-229 '66.

CHLOROFORM

- Isothermo-isolators and distillation lines in the ternary system acetone-chloroform-water. N. V. Lutyngha, L. I. Reshetova, L. P. Semenova. Zhur. prikl. khim. 30 no. 8:1794-1801 Ag '65.
- Study of DNA denaturation process by the chloroform precipitation method. T. I. Tikhonenko, G. A. Perever'tailo, S. P. Vorotilo. Biokhimiia 31 no. 2:227-233 Mr-Ap '66.

CHLOROMERCURIC ACID

- Kinetics and mechanism of formation of cycles in mercuriation of organic compounds. Part 1: Chloromercuriation of o-allylphenol. I. M. Vasil'kevich, E. A. Shilov. Ukr. khim. zhur. 32 no. 5:474-485 '66.

CHLOROMETHYLATION

- Synthesis on the base of benzene polychlorides. Part 2. Preparation of the products of chloromethylation of n- and o-dichlorobenzenes and their derivatives. A. A. Spryskov, B. P. Smirnov. Izv. vys. ucheb. zav. khim. i khim. tekhn. 9 no. 1:58-62 '66.

CHLOROMETRY

- Iodochlorometric method of quantitative determination of α -naphthylthiourea (krysid). P. P. Suprun. Farmatsev. zhur. 20 no. 3:36-41 '65.

CHLOROPHOS

- Effectiveness of chlorophos against the green oak roller and the moth Operophtera brumata. S. S. Logolda. Khim. v sel. khoz. 4 no. 5:29-30 My '66.
- Use of granulated chlorophos against the corn borer. I. Kolontskii, V. Voskoleznikov, E. Katsova. Zashch. rast. 11 no. 5:33 '66.

CHLOROPHYLL

- Dependence of the bioelectric reaction of plant leaves on the quality of light and the presence of chlorophyll in tissues. O. O. Lialin. Sbor. trud. po agron. fiz. no. 12: 66-68 '65.

CHLOROPHYLL, EFFECT OF RADIATION ON

- Luminescence of chlorophyll excited by a ruby laser. G. I. Kobyshev, G. N. Lialin, A. N. Terentii. Dokl. AN SSSR 168 no. 1:68-71 My '66.

CHLOROPLASTINATES

- Kinetics of the alkaline hydrolysis of isomers of $[Pt(NH_3)_2Cl_2]$ composition. A. A. Grinberg, A. A. Korobleva. Zhur. neorg. khim. 11 no. 4:751-759 Ap '66.

CHLOROSIS (PLANTS)

- Nature of chlorosis of hops in the Ukraine. S. M. Moskovets', A. L. Bokko. Mikrobiol. zhur. 28 no. 2:41-46 '66.

CHLOROSIS (PLANTS)—CONGRESSES

- Conference on the control of chlorosis. S. Iurkin, S. Butylin. Zashch. rast. 11 no. 4:55-56 '66.

CHLORPHOMAZINE

- Experimental data on the effect of aminazine on some indicators of the reactivity of the organism to dysentery intoxication. P. D. Kats. Azerb. med. zhur. 42 no. 5: 32-37 My '65.

CHLORPHOMAZINE—PHYSIOLOGICAL EFFECT

- Effect of aminazine block of the reflex formation of the brainstem section on the reactivity of the thermoregulation centers. L. I. Gorbatsevich. Fiziol. zhur. 52 no. 5:502-507 My '66.

- Effect of pyrimidin and aminazine on the temperature and gaseous exchange in animals with experimental thyrotoxicosis. V. Z. Blankleder. Pat. fiziol. i eksp. terap. 10 no. 2:28-31 Mr-Ap '66.

- Structural and metabolic changes in the brain of animals with disorders of higher nervous activity following repeated administration of aminazine. M. M. Aloksandrovskii, IU. I. A. Gentsman, L. G. Samoilova. Biol. eksp. biol. i med. 58 no. 9:80-88 S '64.

CHOIRS (MUSIC) see subdivision under Vilnius

CHOLESTEROL

- Determination of the coefficient of cholesterol strongly bound with proteins in dry blood serum. O. N. Nikol'skii. Lab. delo no. 4:207-210 '66.

CHOLESTEROL ESTERASES

- Cholinesterase reactivators, a new class of pharmacological substances. S. N. Golikov and others. Vest. AMN SSSR 21 no. 5:3-8 '66.

CHOLESTEROL METABOLISM

- Stability of cholesterol binding in cholesterol-protein complexes of the blood serum in Itsenko-Cushing's disease. A. M. Lobanova. Probl. endok. i gorm. 12 no. 3:11-14 My-Je '66.

CHOLINE

- Liver changes in rats with choline deficiency after oocyte-tomy. Kh. E. Gadzhiev, I. A. Shamov. Vop. pit. 23 no. 4: 59-54 Ji-Ag '64.

CHOLINE—PHYSIOLOGICAL EFFECT

- Effect of adrenaline and acetylcholine on the activity of individual neurons in the reticular formation of the medulla oblongata. L. A. Vikhrev, IU. T. I. Imanakii, N. N. Prokhorovskii. Fiziol. zhur. 50 no. 11:1313-1320 N '64.

- Effect of choline on the rate of acetylcholine hydrolysis with acetylcholinesterase of bovine erythrocytes. A. P. Brestkin, L. A. Ivanova, V. V. Svechnikova. Biokhimiia 31 no. 2:416-423 Mr-Ap '66.

- Immediate effect of acetylcholine on kidney function. G. D. Anikin. Biol. eksp. biol. i med. 58 no. 12:53-55 D '64.

- Mechanism of prolonged muscle contraction in turtles. I. I. Lebedinskii. Fiziol. zhur. 50 no. 11:1350-1357 N '64.

CHOLINESTERASES

- Change in the cholinesterase activity of the blood in nephritis of children. D. A. Kristian. Dokl. AN SSSR 168 no. 5:359-362 My '66.

- Kinetic constants of cholinesterase and its substrate specificity. V. A. Iakovlev, R. S. Agabekian. Biokhimiia 31 no. 2:428-434 Mr-Ap '66.

CHONDRIOSOMES see Mitochondria

CHORDATA—PARASITES see Parasites—Chordata

CHRISTMAS TREES

- Christmas tree light switch. Radio no. 12:47-48 D '65.

CIROMATES

- Cathode deposition of chromium from polychromate solutions. S. S. Savelyev and others. Zhur. prikl. khim. 38 no. 8:1770-1776 Ag '65.

- Complex chromates of yttrium group elements. D. I. Riabchikov, N. S. Vagina. Zhur. neorg. khim. 11 no. 5:1036-1044 My '66.

CHROMATOGRAPHIC ANALYSIS

- Microstructure of poly-1-phenyl-1, 3-butadienes, N. G. Kasatkina, V. E. Kozlov, Vysokom. soed. 8 no. 5:733-748 My '66.
- Separation of gallium traces from zinc by partition chromatography, I. P. Alimarin, T. A. Bol'shova, Zhur. anal. khim. 21 no. 4:411-414 '66.
- Symmetrical electron integrator for gas chromatography, A. Sigit, Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:46-50 '66.
- Use of a flame-ionization detector for the quantitative determination of impurities in organic compounds, P. Laiga, P. Puss, Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:37-45 '66.
- Use of a katharometer operating simultaneously on two different carrier-gases, O. V. Al'tshuler, O. M. Vnogradova, A. E. Elkin, Zav. lab. 32 no. 1:121-122 '66.
- Use of adsorption and precipitation chromatography in forensic chemistry, L. M. Vlasenko, Apt. delo 15 no. 2:77-80 Mr-Apr '65.
- Use of commercial-type isotopic mass spectrometers for chromatographic detectors, V. I. Gorskoy, G. D. Tantsyrev, V. L. Tatroze, Zav. lab. 32 no. 1:114-115 '66.

CHROMATOPIORES

- Observations on the changes of chloroplasts under the effect of ionizing radiation, I. A. Atrokhin, V. E. Kozlov, Sbor. trud. po agron. fiz. no. 12:140-149 '65.

- Structure of chloroplasts and formation of lipid globules, A. A. Shakhov, B. N. Golubkova, Bot. zhur. 51 no. 4: 551-553 Ap '66.

CHROMITE

- Zones of pseudobreccias in gabbro diorites of the Don chromite deposits, G. G. Kravchenko, Geol. rud. mestorozh. 9 no. 1:96-100 Ja-F '66.

CHROMIUM CATALYSTS

- Kinetics of cyclohexane dehydrogenation on chromium oxide in a gradientless system, Part 1, V. S. Gadzhikashumov and others, Khim. i kat. 7 no. 2:273-278 Mr-Apr '66.

- Valence state of chromium in active centers on a dehydrogenant aluminum-chromium-potassium catalyst, K. I. Slovtseva, A. M. Rubinshtein, Khim. i kat. 7 no. 2: 342-344 Mr-Apr '66.

CHROMIUM COMPOUNDS

- Aqueous solution of dichlorotetraaqua-chromic chloride in the presence of bivalent chromium ions, N. E. Nechaeva and others, Zhur. neorg. khim. 11 no. 5:891-899 My '66.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-NICKEL STEEL—ELECTROMETALLURGY

- Calcium reduction and the form of its existence in molten chromium-nickel steels and alloys, M. F. Sidorenko and others, Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:56-60 '66.

CHROMIUM-NIOBIUM ALLOYS see Niobium-chromium alloys

CHROMIUM PLATING

- Cathodic deposition of chromium from polychromate solutions, S. S. Savet'ev and others, Zhur. prikl. khim. 38 no. 8:1770-1776 Ag '65.

CHROMIUM PLATING—EQUIPMENT AND SUPPLIES

- Establishing efficient parameters for d.e. generators supplying chromium plating tanks, G. A. Aslan-Zade, Za tekhn. prog. 4 no. 3:19-20, 45 Mr '64.

CHROMIZING

- Levitin, I. I., V. G. Shul'gin, and M. Z. Vainshtein. [Black chromizing] Chernoe khromirovanie. Leningrad, 1965. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Zashchitnye i dekorativnye pokrytiya)

CHROMOSOMES

- Cytologic systematic study of some Caucasian species of the Ornithogalum section of the genus Ornithogalum L., N. D. Agapova, Bot. zhur. 51 no. 2:210-220 F '66.

CHRONAXIA

- Effect of hypo- and hyperglycemia on muscular chronaxy, S. R. Odzhakverdzade, N. D. Mikaladze, F. I. Salmanov, Azerb. med. zhur. 41 no. 6:71-75 Je '64.

CHRYSOTILE

- Genesis of chrysotile-asbestos veins and its deposits, P. M. Tatarinov, Zap. Vses. min. ob-va 95 no. 2:121-133 '65.

CHU VALLEY—GAS, NATURAL—GEOLOGY

- Tectonics and oil and gas potentials of the southern part of the eastern Chu Depression based on regional geophysical data, V. L. Molokov, S. A. Chelkina, Geol. nefi i gaz 10 no. 5:21-24 My '66.

CHU VALLEY—PETROLEUM GEOLOGY

- Tectonics and oil and gas potentials of the southern part of the eastern Chu Depression based on regional geophysical data, V. L. Molokov, S. A. Chelkina, Geol. nefi i gaz 10 no. 5:21-24 My '66.

CHU VALLEY—SOIL FORMATION

- Characteristics of soil formation in the Chu Valley, M. A. Orlova, Zh. U. Akhmedov, V. A. Kornilenko, Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no. 4:12-18 Ji-Ag '64.

CHUBAR', VLASIAKOV LEVICH, 1891-1939

- A meeting in memory of an outstanding leader of the party and the Soviet state, D. I. Ilinshyn, Ukr. ist. zhur. 10 no. 5:153-158 My '66.

CHUKCHI NATIONAL AREA—ORE DEPOSITS

- Igneous formations and metallogeny of the Anyuy meganticlinorium (Chukchi National Area), A. I. Sadovskii, Sov. geol. 9 no. 4:41-59 Ap '66.

CHUKCHI NATIONAL AREA—ROCKS, IGNEOUS

- Igneous formations and metallogeny of the Anyuy meganticlinorium (Chukchi National Area), A. I. Sadovskii, Sov. geol. 9 no. 4:41-59 Ap '66.

CHUKCHI PENINSULA—APATITE

- Carbonatite fluorapatites from the deposit of the Argayynakh-Khayskiy intrusion, G. K. Krivokoneva, Rent. min. syr. no. 4:67-74 '64.

CHUKCHI PENINSULA—BOTANY

- Contribution to the flora of the Bering Sea coast of the Chukchi Peninsula, B. A. Tikhondrov, V. A. Gavriluk, Ist. Krain. Sev. SSSR i ee osv. no. 6:58-79 '66.

CHUM SALMON

- Causes for decrease of chum salmon resources, V. K. Starev, Ryb. khoz. 42 no. 3:9-10 '66.

CHURCH AND STATE

- Decision of the Presidium of the Supreme Soviet of the R. S. F. S. R. re application of Sec 142 of the Criminal Code of the R. S. F. S. R., Sov. iust. 30 no. 9:20 My '66.

CHURCHILL, SIR WINSTON LEONARD, 1874-1965

- Winston Churchill (to be continued), V. G. Trukhanovskii, Vop. ist. 41 no. 5:130-148 My '66.

CHUSOVAYA VALLEY—PHYSICAL GEOGRAPHY

- Physicogeographical regionalization of the Vishera-Chusovaya area of the Urals, B. A. Chizov, Trudy MOIP 18:65-106 '65.

CHUVASHIA—EDUCATION

- Volkov, G. N. [Traditions of the Chuvash people in aesthetic education] O traditsiyakh chuvashskogo naroda v esteticheskoy vospitanii, Chiboksary, Chuvashskoe knizhno-izd-vo, 1965. 58 p. (WU)

CHUVASHIA—HOPS

- Specialization in hop growing, G. Kolenov, Zakup. sel'khoz. prod. no. 4:39 Ap '66.

CHUVASHIA—WOMEN

- [Beautiful in work, generous in heart] Krastnye trudom, shehedrye serdtsam. Chiboksary, Chuvashskoe knizhno-izd-vo, 1965. 166 p. (CS-H)

CHYMOTRYPSIN

- Study of conformational changes in α -chymotrypsin by the rotatory dispersion method, I. A. Boletina, M. V. Volkenshtein, O. P. Chikalova-Luzina, Biokhimiya 31 no. 2:241-245 Mr-Apr '66.

CICHLIDEA

- Tilapia in cooling pools of state regional electric power plants, N. P. Kraev, Ryb. khoz. 42 no. 3:24-25 '66.

CILIA AND CILIARY MOTION

- Injurious effect of the high hydrostatic pressure and heating on the ciliated epithelium cells and the protective action of glycerol, N. I. Aronov, TSitologiya 8 no. 4: 432-442 Ji-Ag '64.

CILIATA

- Rhythmic activity of the contractile system of single-cell organisms and conditions of its establishment, L. N. Seravin, TSitologiya 8 no. 4:516-520 Ji-Ag '64.

CILIATA—CULTURES AND CULTURE MEDIA

- Phagocytosis in paramecia under conditions of individual and mass culture, N. E. Kovaleva, TSitologiya 8 no. 4: 520-524 Ji-Ag '64.

CINCHONINIC ACID

- Concentration of copper microimpurities in the agglomerate of Kerch ores and copper determination by means of 2, 2 bichloronitric acid, N. N. Lapin, A. I. Vovk, Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:27-30 '66.

CINNABAR see subdivision under Caucasus

CIRCULAR SAWS

- Effect of rolling on the stressed state of circular saws, I. M. Stakhiev, Izv. vys. ucheb. zav.; les. zhur. 9 no. 1: 112-114 '66.
- Universal circular saw, V. S. Nachinnato, N. A. Iumankov, Sudostroenie 56 no. 3:67 Mr '66.

CITIES AND TOWNS

- (see also subdivision under Bukhara; India)
- Akademika nauk SSSR. Institut istorii. [Cities of feudal Russia; a collection of articles in memory of N. V. Ust'ugov] Goroda feodal'noi Rossii; sbornik statei pamiati N. V. Ust'ugova. Moskva, Nauka, 1966. 562 p.

CITIES AND TOWNS, MEDIEVAL see subdivision under Semirech'ye

CITRATES

- Rare earth citrates in aqueous solutions, N. A. Skorik, V. V. Serebrennikov, Zhur. neorg. khim. 11 no. 4:761-765 Ap '66.

CITY PLANNING

- (see also subdivision under Bessarabia; Moldavia; Russia, Northern; Soviet Central Asia; Ukraine, Western)

- Building of cities and planning, D. Svetlichnyi, Arkhit. SSSR no. 3:28-32 '66.

- General plan of the urban trade system, M. Nalbadin, Sov. torg. 39 no. 5:21-25 My '66.

CIVIL LAW

- Amenfeldt, G. M. [Cases in Soviet civil and labor law] Sbornik zadach po sovetskomu grazhdanskomu i trudovomu pravu. Izd. 2., perer. Moskva, Ekonomika, 1966. 126 p.

- Khafina, R. O. [Reactionary nature of the civil law of modern capitalist countries] Reaktsionnaya sushchest'no grazhdanskogo prava sovremennykh kapitalisticheskikh gosudarstv. Moskva, Vses. nauch. izd-vo, 1961. 131 p. (CIV-L)

CIVIL LAW—EXAMINATIONS, QUESTIONS, ETC.

- Moscow. Universitet. Iuridicheskii fakul'tet. [Collection of problems on Soviet civil law; a textbook for students of law institutes and faculties] Sbornik zadach po sovetskomu grazhdanskomu pravu; uchebnoe posobie dlia studentov iuridicheskikh institutov i fakul'tetov. Moskva, Iuridicheskaya literatura, 1964. 294 p. (CST-II)

CIVIL RIGHTS

- Civil rights and liberties in the constitutions of the bourgeois states, M. A. Krutogolov, Sov. gos. i pravo 38 no. 5:91-100 My '66.

CIVILIZATION

- Ortega y Gasset, José. [The revolt of the masses. Translated from the Spanish] Bunt mas. New York, Vyd. Organizatsii oborony chetyr'okh svobod Ukrainy, 1965. 157 p. (NN)

CLADOCERA see Water fleas

CLASSIFICATION—BOOKS

- General and typical territorial divisions in tables of Soviet library-bibliographic classification, E. R. Suklasan, Bibliot. SSSR no. 28:107-127 '65.

CLASSIFICATION, UNIVERSAL DECIMAL

- For the information of the readers, Apt. delo 16 no. 2: 93-94 Mr-Apr '66.

- Moscow. Nauchno-Issledovatel'skii Institut avtomobil'nogo transporta. [Universal decimal classification; automotive transportation, highways, and the related areas of science and technology] Universit'naya desiatichnaya klassifikatsiya avtomobil'nykh transport, avtomobil'nye dorogi i smezhnye oblasti nauki i tekhniki, MFD 384. Moskva, Transport, 1965. 111 p.

CLAVICLE—DISLOCATION

- Osteosynthesis in the dislocation of the acromial end of the clavicle, I. Z. Neiman, V. V. Morrison, Vest. khir. 96 no. 4:94-100 Ap '66.

CLAY

- (see also subdivision under Don Valley; Leningrad Economic Region; Saratov Province; Siberia, Western; Ukraine)

- Dependence of the mechanical properties of clay rocks on the degree of their consolidation, S. M. Kuliev, F. A. Askerov, A. A. Shamalev, Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:35-42 '64.

CLAY (Continued)

- Dynamics of the softening by phase composition and structure formation of sand clay during its sintering. M. P. Elinson, B. N. Vinogradov, V. N. Burmistrov. *Sbor. tr. VNIISTROM* no. 5:139-152 '65.
- Effect of the deflection of drill pipes on the deformation of clay crust. A. E. Kuliev, A. I. Ragimov. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 4:86-89 '65.
- Mathematical statistics applied to the study of the temperature interval of the expansion of flexible clay. P. P. Budukov, E. A. Kolesnikov. *Sbor. tr. VNIISTROM* no. 5:13-12 '65.
- The part of microelements in the process of expanding clay. S. M. Sukhanova, N. S. Mamedova, V. P. Varlamov. *Sbor. tr. VNIISTROM* no. 5:153-161 '65.
- Using statistical probability evaluations in the analysis of the relation of the quality of keramzit to the quality of the preparation of a clay mass. A. I. Poliakovsky and others. *Sbor. tr. VNIISTROM* no. 5:26-37 '65.
- Working parameters of rotary bucket excavators for the selective mining of refractory clay and kaolin. I. S. Korinshkin. *Ogneupory* 31 no. 4:33-35 '66.

CLAY—ANALYSIS see subdivision under Adzhinour Lake region

CLAY—THERMAL PROPERTIES

- Determining the heat capacity of weighted clay solutions. M. A. Abdinov, E. A. Akopian. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 4:97-99 '65.

CLAY MINERALS

(see also subdivision under Ukraine)

- Crystochemistry of the cation-exchange clay minerals: II-hydromin, III-kaolin, and halloysit. E. G. Kukovskii, A. B. Ostrovskaya, E. V. Dzhuva. *Reit. min. syr.* no. 4: 144-152 '64.
- Diffraction study of the mechanically, thermally, and chemically treated clay minerals. N. P. Vakhirev. *Reit. min. syr.* no. 4:153-163 '64.
- Distribution of clay minerals in the sediments of the Indian Ocean. Z. N. Gorbunova. *Okeanologiya* 6 no. 2: 267-275 '66.
- Effect of exchange ions on the development of coagulation structures in aqueous dispersions of clay minerals. N. N. Kruglitskii and others. *Ukr. khim. zhur.* 32 no. 5:407-473 '66.
- Effect of the hydrothermal conditions of treatment on the physicochemical properties of argillaceous minerals. I. I. Martish and others. *Dokl. AN SSSR* 160 no. 2:396-399 My '66.

CLEANING AND DYEING INDUSTRY

- Today and tomorrow of chemical cleaning. L. P. Shul'man. *Prom. Bel.* 9 no. 1:45 Ja '66.

CLEANING COMPOUNDS

- Optimum work conditions of sprayer-type evaporating apparatus for alkyl sulfate separation in alcohol distillation. G. I. Moskvina and others. *Mash. zhur. prom.* 32 no. 4:18-20 Ap '66.
- Study of antigen fractions isolated from tumor cells treated with detergents. B. D. Brondz. *Tsitologiya* 6 no. 4:443-451 Ji-Ag '64.

CLEARING OF LAND

(see also subdivision under Kalinin Province; Lithuania)

- Unit for plowing under shrubs in floodlands. E. El'tsev. *Tekhn. v sel'khoz.* 26 no. 4:26-30 Ap '66.

CLIMACTERIC

- Organization of exercise therapy and sport for women and men in the transitory age. Preliminary report. A. N. Trankvillitski. *Trudy MOIP, Od. biol.* 17:268-272 '66.
- State of some visual functions in the climacteric. G. M. Nosrullayeva. *Azerb. med. zhur.* 42 no. 5:24-28 My '65.

CLIMATOLOGY, MEDICAL see subdivision under Crimea

CLOCHÉ, PAUL, 1881-1961

- Some problems of ancient Macedonia discussed in the works of the French historian Paul Cloché. A. S. Shofman, G. V. Atlasov. *Vop. ist. yevroshch. ist.* no. 1:111-154 '64.

CLOCKMAKING AND WATCHMAKING see subdivision under Erivan

CLOCKS, ELECTRIC

- Fedotov, V. N. [Technical electrochronometry] *Tekhnicheskije elektrozmeritel'nyye vremeni.* Moskva, Mashinostroyeniye, 1966. 150 p.

CLOSTRIDIUM

- Clostridium perfringens* contamination of the carcasses of sheep slaughtered by necessity. G. I. Sidorenko, I. U. Pivovarov. *Vop. pit.* 23 no. 4:73-75 Ji-Ag '64.
- Diagnosis of enterotoxemia in calves caused by *Clostridium perfringens*. V. I. Len'kov, V. A. Len'kova, E. P. Iakubo. *Veterinariia* 42 no. 4:30-31 Ap '66.

- Distribution of *Clostridium pasteurianum* in the U.S.S.R. G. N. Blinikov, A. A. Romanov. *Uch. zap. TGU* 21:51-63 '64.

- Two cases of food toxoinfection caused by A type *Clostridium perfringens*. T. I. Sergeeva, E. P. Zomilantskaia. *Zhur. mikrobiol., epid. i immunit.* 41 no. 8:131-132 Ag '64.

- Virulence of type D *Clostridium perfringens*, the pathogen of enterotoxemia of sheep. K. R. Urguev. *Veterinariia* 43 no. 5:15-17 My '65.

CLOSTRIDIUM—CULTURES AND CULTURE MEDIA

- Effect of pH of the medium on the vital activity of butylic bacteria. V. V. Lipshits, S. S. Nahorna. *Mikrobiol. zhur.* 29 no. 3:9-14 '66.
- Experience in obtaining *Clostridium histolyticum* toxin on casein nutritive medium. I. S. Kazdolina, I. N. Vinogradova, F. P. Tsudkov. *Zhur. mikrobiol., epid. i immunit.* 41 no. 8:93-96 Ag '64.
- Purified preparations of glutaminase from *Clostridium welchii* SR-12. S. R. Mardashev, A. V. Gerasimova, E. A. Kozlov. *Mikrobiologiya* 35 no. 2:223-227 Mr-Ap '66.

CLOTHING, PROTECTIVE

- Protective masks against heat for steelworkers and rolling mill operators. A. F. Babalov, V. P. Gnutov. *Metallurg* 11 no. 5:41-43 My '66.

CLOTHING INDUSTRY

(see also subdivision under Moscow; Pavlodar Province)

- Striving for economies and thriftiness in production. *Shvein. prom.* no. 2:1-3 Mr-Ap '65.
- Use of motion-picture photography in the study and introduction of advanced practices and work methods. I. I. Basalygo, V. I. Vasil'eva. *Shvein. prom.* no. 2:7-11 Mr-Ap '65.

CLOTHING INDUSTRY—ACCOUNTING see subdivision under Baranovich

CLOTHING INDUSTRY—COSTS

- Problems in planning the cost of clothing production under the new work conditions. S. G. Babadzhanyan. *Shvein. prom.* no. 2:4-6 Mr-Ap '66.

CLOTHING INDUSTRY—MANAGEMENT

- (see also subdivision under Krasnodar; Moscow)
- Novik, G. B. [Organizing the work of a technological laboratory (experimental shop) at a sewing factory] *Organizatsiya raboty tekhnologicheskoi laboratorii (eksperimental'nogo tsokha) na shvein. fabrike.* Kiev, In-t tekhn. informatsii, 1964. 58 p.

CLOUD CHAMBER

- Recording of several particles in an acoustic spark chamber. G. M. Gorodinskii, E. A. Damaskinskii, M. Rom'nov. *Zhur. tekh. fiz.* 35 no. 10:1910-1911 O '65.

CLOUDS

- Villmann, C. *Svodka nabludeniit serebristyykh oblakov v SSSR v 1964 g.* Summary of Noctilucent Clouds Reports in USSR in 1964 [sic]. Tartu, In-t fiziki i astronomii Akad. nauk Estonskoi SSR, 1966. 8 p.

CLOVER—DISEASES AND PESTS

- Anthraxnose of clover. Z. Kudrinsheva. *Zashch. rast.* 11 no. 4:22-29 '66.

CLUBROOT

- Changes in the biochemical composition of cabbage infected by clubroot in connection with the dynamics of the development of disease and the degree of infection. G. G. Antonova. *Zap. LSKH* 95:144-148 '65.

CLUTCHES (MACHINERY)

- Coupling of the power shafts of drilling units by means of a pneumatic band clutch. A. A. Antonov. *Khim. i nef. mashinost.* no. 3:20-23 Mr '66.
- Redesigning the safety clutch on the automatic 350 mill. A. F. Krisanov, F. A. Cheberko. *Metallurg* 11 no. 5: 32 My '66.

COAGULATION

- Effect of exchange ions on the development of coagulation structures in aqueous dispersions of clay minerals. N. N. Kruglitskii and others. *Ukr. khim. zhur.* 32 no. 5:407-473 '66.
- Particular features of the development of deformations in coagulation structures of aqueous dispersions of some Soviet and foreign kaolins. M. S. Komskaia. *Ukr. khim. zhur.* 32 no. 5:528-531 '66.

COAL see subdivision under Kuznetsk Basin

COAL—ANALYSIS

(see also subdivision under Donetsk Basin)

- Determining the ash content of coal based on reflected beta-ray emission. E. M. Filippov, G. A. Kuznetsov, V. G. Rustaev. *Razved. i okh. nedr* 31 no. 9:35-38 S '65.

- Thermographic study of the mineral components of coal. M. I. Vasovenko, L. A. Gulak, N. I. A. Chuvstina. *Vest. AN Kazakh. SSR* 22 no. 4:50-57 Ap '66.

COAL—TRANSPORTATION

- Use of ejector pumps in hydraulic unloading of coal. I. U. Artukhin, A. Shitlerman. *Rech. transp.* 23 no. 2: 13-15 F '64.

COAL, PULVERIZED

- Distribution of pulverized coal at the nozzles of some round burners. A. G. Ivanov, G. V. Gromov. *Energo-mashinostroyeniye* 12 no. 4:16-18 Ap '66.
- Results of the adjustment of a coal preparatory system with ShMT 1500/3230 mills and inertial separators. V. E. Rupoport, A. A. Kokushkin. *Elek. sta.* 36 no. 3: 21-25 Mr '65.

COAL GASIFICATION, UNDERGROUND

- Drilling of directional holes in underground coal gasification. G. D. Drozdov, I. V. Korolev, V. I. Pronin. *Razved. i okh. nedr* 31 no. 9:25-28 S '65.

COAL GEOLOGY see subdivision under Dnepropetrovsk; Lowland; Karaganda Basin; Tunguska Basin

COAL MINERS—LEGAL STATUS, LAWS, ETC.

- Heartless people. V. Varfolomeev. *Sov. shakht.* 15 no. 4:26 Ap '66.

COAL MINERS—RECREATION

- For all and everybody; notes on a club's activities. V. Varfolomeev. *Sov. shakht.* 15 no. 5:19 My '66.

COAL MINES AND MINING

(see also subdivision under Donetsk Basin; Kuznetsk Basin; Ukraine)

- Bring into life the plans of the party. A. G. Shengella and others. *Sov. shakht.* 15 no. 4:2-4 Ap '66.
- Donetsk. *Nauchno-issledovatel'skii ugol'nyi institut.* [Temporary methodology for the procedure to be used in the calculation of norms for the consumption of basic types of materials used in mines and open pits of the coal industry] *Vremennaya metodika o poriadke rascheta norm raschoda osnovnykh vidov materialov, potreblennykh na shakhtakh i kar'erakh ugol'noi promyshlennosti.* Moskva, Nedra, 1965. 70 p.

- The fate of my town is my own fate too. N. Khuntua. *Sov. shakht.* 15 no. 5:20-21 My '66.

- Observe labor discipline with fervor; at the plenary session of the Central Committee of Trade Unions. *Sov. shakht.* 15 no. 4:25 Ap '66.

- Specific features of production conditions in manless mining. I. U. F. Savenko. *Ugol' Ukr.* 10 no. 5:6 My '66.

- Under the unconquerable banner of Marxism-Leninism toward the victory of communism! *Ugol' Ukr.* 41 no. 5: 1-6 My '66.

- World record for drilling footage of vertical holes in the coal industry. *Prom. stroi. i inzh. soor.* 5 no. 6:46-49 N-D '65.

COAL MINES AND MINING—COMPETITIONS

- High rewards to innovators. *Sov. shakht.* 15 no. 4:8 Ap '66.

COAL MINES AND MINING—COSTS

- Calculated and nomographic methods of determining maintenance costs for inclined workings. I. S. Tsukerman, M. A. Shuklov, V. A. Moskvina. *Shakht. stroi.* 10 no. 4: 7-11 Ap '66.

- Methods of determining the optimum dimensions of blocks in mines with an extremely flat occurrence of coal seams. N. P. Khomenko. *Ugol' Ukr.* 10 no. 5:12-14 My '66.

- Planning and accounting in the cost expenditures connected with operational losses of coal. N. P. Tkhomirova. *Ugol' Ukr.* 41 no. 5:51-53 My '66.

COAL MINES AND MINING—ECONOMIC ASPECTS see subdivision under Donetsk Basin; Ukraine

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

- Experience in using bits with quick-release joints. M. K. Iakunin. *Ugol' Ukr.* 41 no. 5:43-45 My '66.
- For a higher performance of electric locomotives. G. A. Sviderskii. *Ugol' Ukr.* 10 no. 5:20 My '66.

- A rapid method of determining quality changes in coal during its hydraulic transportation by pipelines. E. F. Rukov, A. E. Smoldyrev, V. V. Trainis. *Ugol' Ukr.* 41 no. 5:29-30 My '66.

- Selecting certain initial parameters for rotary bucket excavators with an increased cutting force. E. F. Kolesnikov, D. I. Terentev, V. M. Iakimovich. *Ugol' Ukr.* 10 no. 5:42-44 My '66.

- Use of heavy trucks in the coal industry. Z. L. Stronkin. *Ugol' Ukr.* 41 no. 5:24-25 My '66.

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

- (see also subdivision under Chelyabinsk Basin)
- Estimating economic damages caused by spontaneous fires. V. I. A. Kirsanov, L. P. Tomashevskii. *Ugol' Ukr.* 41 no. 5: 63-64 My '66.

COAL MINES AND MINING—LABOR PRODUCTIVITY

(see also subdivision under Chelyabinsk Basin; Donetsk Basin; Ukraine)

Broad shoulders. A. Tsyrlapkin. Sov. shakht. 15 no. 4: 14 Ap '66.

The foremost obligation. V. Lepikhin. Sov. shakht. 15 no. 5:9-10 My '66.

Proper work organization is a guarantee for success. F. M. Gindes, V. I. Stromnov, O. I. Krivositskaya. Ugol' Ukr. 10 no. 5:21-22 My '66.

Reflections after the conference. P. Ermachenko and others. Sov. shakht. 15 no. 4:9-12 Ap '66.

Speed records in conducting main development workings. P. B. Bibin, V. N. Zotov. Ugol' Ukr. 41 no. 5:73-77 My '66.

Toward new achievements, comrade miners! Sov. shakht. 15 no. 4:1 Ap '66.

COAL MINES AND MINING—LAWS AND REGULATIONS

Bypassing the law. I. A. Kirpota. Sov. shakht. 15 no. 4: 26-27 Ap '66.

Personal interest plus responsibility. S. Protopopov. Sov. shakht. 15 no. 4:19-20 Ap '66.

COAL MINES AND MINING—MANAGEMENT

(see also subdivision under Donetsk Basin)

Calculating requirements of coal mine expansion in selecting the speed of mining. I. I. Ushko, V. G. Ivanov. Ugol' Ukr. 10 no. 5:38-39 My '66.

Calculating the time factor in the estimates of mining economics. P. V. Nagibin, E. N. Veremei. Ugol' Ukr. 10 no. 5:36-38 My '66.

Coal industry in the new five-year plan. L. E. Grafov and others. Sov. shakht. 15 no. 3:3-8 My '66.

Coping with the planned capacity of our coal mine ahead of schedule. P. I. Koshkin. Ugol' Ukr. 10 no. 5:17-19 My '66.

Feeling of ownership. V. Khallov. Sov. shakht. 15 no. 4: 5 Ap '66.

Incorrect formulation of a problem. I. Chelobitichikov. Sov. shakht. 15 no. 4:10 Ap '66.

COAL MINES AND MINING—PRODUCTION METHODS

(see subdivision under Donetsk Basin)

COAL MINES AND MINING—SAFETY MEASURES

(see also subdivision under Donetsk Basin; Pechora Basin)

Calculating safety pillars in the areas of geological dislocations in outbreak-prone coal seams. V. V. Khodot. Ugol' Ukr. 41 no. 5:59-63 My '66.

Causes of rock swelling and the character of the distribution of rock pressure in development workings depending on the method of their protection. A. M. Fud'ko, A. I. Rubichev. Ugol' Ukr. 10 no. 5:9-10 My '66.

Chernov, O. I., and E. S. Rozantsev. [Prevention of sudden outbursts of coal and gas in coal mines] Produzhenie vnezapnykh vybrosov ugla i gaza v ugodnykh shakhtakh. Moskva, Nedra, 1965. 208 p.

Work organization and production standards for the lining of mine workings with new forms of permanent supports. V. A. Dubodelov, V. I. Kartashev, F. A. Mashchenov. Shakht. stroi. 10 no. 4:13-14 Ap '66.

COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS

Efficiency promoters are getting more followers. P. Andreev. Sov. shakht. 15 no. 4:22 Ap '66.

COAL MINING MACHINERY

(see also subdivision under Ukraine)

Coping with the planned capacity of our coal mine ahead of schedule. P. I. Koshkin. Ugol' Ukr. 10 no. 5:17-19 My '66.

The "Dnepr" cutter-loader is walking to the joy of coal miners. P. Mil'ko. Sov. shakht. 15 no. 4:13 Ap '66.

Give modern machinery to the coal industry. V. G. Lutskiy. Ugol' Ukr. 10 no. 5:25-26 My '66.

COAL MINING MACHINERY—DESIGN AND CONSTRUCTION

The K-101 narrow-cut cutter-loader for coal. F. Z. Masovich, S. F. Rybalko. Ugol' Ukr. 41 no. 5:34-37 My '66.

COAL MINING MACHINERY—EFFICIENCY

(see subdivision under Moscow Basin)

COAL MINING MACHINERY—ELECTRIC DRIVING

New electric motors for coal cutter-loaders. A. A. Zak, L. B. Landkof. Ugol' Ukr. 41 no. 5:37-39 My '66.

COAL MINING MACHINERY—EQUIPMENT AND SUPPLIES

Do it yourself. V. Khoroshaev and others. Sov. shakht. 15 no. 5:13-14 My '66.

Do it yourself. V. Zanchenko and others. Sov. shakht. 15 no. 4:20-21 Ap '66.

COAL MINING MACHINERY—MAINTENANCE AND REPAIR

Electromechanical equipment in coal mines should operate economically and without breakdowns. N. M. Derzhavintsev, A. I. Reznikov, A. M. Imshenetskiy. Ugol' Ukr. 10 no. 5:28-29 My '66.

COAL MINING MACHINERY—TESTING

Braking of fractured rocks with cutting tools. N. I. Sidorenko. Ugol' Ukr. 41 no. 5:40-41 My '66.

Efficiency of using mining machine units. V. V. Baranov, A. I. Gorbacheva. Shakht. stroi. 10 no. 4:2-5 Ap '66.

Industrial testing of the US-1 chain scraper-plow. F. M. Polozhil and others. Ugol' Ukr. 10 no. 5:20-31 My '66.

Introducing equipment complexes in shaft sinking in areas beyond the Arctic Circle. K. I. Aganbekov. Shakht. stroi. 10 no. 4:15-17 Ap '66.

The K-101 cutter-loader. Sov. shakht. 15 no. 5:8a My '66.

COAL PREPARATION

Crushing of high-grade anthracite during free falling. A. M. Glazhev. Ugol' Ukr. 10 no. 5:46-47 My '66.

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Studying the direct-flow dust concentrator with a multishovel grate. V. I. Ignatiev, A. V. Kalmykov. Ugol' Ukr. 41 no. 5:70-76 My '66.

Ways of improving repair services at the coal preparation plants. G. V. Zhovtinsk, A. I. Okonskiy, A. M. Umanskiy. Ugol' Ukr. 10 no. 5:44-46 My '66.

COAST CHANGES

(see subdivision under Crimea; Sulak River Estuary)

COASTS

Investigation of the evolution of a lagoon shore by means of the hydrometeorological method of studying coast dynamics. I. A. Pravotorov. Okeanologiya 6 no. 2: 306-313 '66.

COAXIAL CABLES

Regular and irregular effects in high-frequency cables. V. O. Shvartsman. Elektrosvaz' 20 no. 5:43-48 My '66.

COBALT

(see also subdivision under Aden, Gulf of; Red Sea)

Temperature dependence of the Hall effect and the Nernst-Ettingshausen effect in cobalt. A. V. Chermushkina, R. P. Vasil'eva. Fiz. tver. tela 8 no. 3:822-825 Mr '66.

COBALT—ANALYSIS

3-Methyl-5-propylpyrrole-(2-azo-2)-phenol as a reagent for the photometric determination of cobalt. A. I. Cherepakhin. Zhur. anal. khim. 21 no. 4:502-504 '65.

COBALT—ELECTROMETALLURGY

Electroextraction of cobalt from sulfate solutions. E. S. Lekht, L. S. Ivanova. TSvet. met. 39 no. 5:37-41 My '66.

COBALT—METALLURGY

Kinetics of the reduction of cobaltamine from solutions under hydrogen pressure. Z. L. Ratner, G. N. Dobrokhotov. Izv. vyz. ucheb. zav. i tsvet. met. 9 no. 2:26-34 '66.

COBALT CARBYNIDS

Thermal decomposition of cobalt carbynids in the liquid phase. D. P. Krut'kin, D. M. Rudkovskiy. Zhur. prikl. khim. 38 no. 8:1670-1677 Ag '65.

COBALT COMPOUNDS

Extraction of cobalt complexes with hydroxy acids in the presence of tributylamine. I. V. Platnitskiy, R. S. Kharchenko. Ukr. khim. zhur. 32 no. 5:503-507 '66.

Kinetic study of the hydration of cobalt (III) complexes in aqueous organic solutions. V. D. Pannasiuk, E. R. Falendysh, L. B. Kotova. Zhur. neorg. khim. 11 no. 5:1063-1068 My '66.

Substitution reactions of acidsulfite-bis-dimethylglyoximatecobaltates. G. P. Syrtsova, A. V. Ablov, L. N. Korotkova. Zhur. neorg. khim. 11 no. 5:1124-1129 My '66.

Synthesis of inner-complex compounds of Co^{II} with ortho-substituted anils of salicylaldehyde. V. A. Kogan and others. Zhur. neorg. khim. 11 no. 4:938-939 Ap '66.

COBALT-IRON ALLOYS

(see Iron-cobalt alloys)

COBALT-IRON-NICKEL ALLOYS

(see Iron-cobalt-nickel alloys)

COBALT-NICKEL ALLOYS

Catalytic properties of cobalt-nickel catalysts as dependent on their electronic structure. R. F. Lavrentovich, M. T. Rusov, I. N. Artyukh. Kin. i kat. 7 no. 2:254-257 Mr-Apr '66.

COBALT OXIDE CRYSTALS—ELECTRIC PROPERTIES

Electric properties of cobalt oxide single crystals in the high-temperature range and their dependence on oxygen partial pressure. A. I. Shelykh, K. S. Artemov, V. E. Shvalko-Shvalkovskiy. Fiz. tver. tela 8 no. 3:883-887 Mr '66.

COCARBOXYLASE

Effect of the carboxylase coenzyme on cardiac arrhythmia. M. S. Bakumenko. Kardiologiya no. 5:49-53 '64.

COCKCHAFFERS

How to determine the fertility of a cockchafer. A. Koshkov. Zashch. rast. 11 no. 5:48-49 '66.

CODEINONE

Polygraphic determination of hydroxycodolone and dihydrocodolone. D. R. Dzhalilov, N. G. Ermachenko, M. I. Gorlaev. Apt. det. 15 no. 2:49-51 Mr-Apr '66.

CODING THEORY

Problems of coding economic information. V. I. Lashavskiy. Trudy LPI no. 59:233-250 '66.

CODLING MOTH

Resistance of the codling moth to DDT in orchards of Moldavia. G. K. Shapovalova. Khim. v sel. khoz. 4 no. 5:26-28 My '66.

CODLING MOTH—EXTERMINATION

Codling moth. A. Eberg. Zashch. rast. 11 no. 1:42-44 '66.

COFFERDAMS—DESIGN AND CONSTRUCTION

Analyzing methods of river damming. V. T. Delozikov. Trudy LPI no. 257:134-160 '65.

COINS

(see subdivision under Baltic region)

COINS, FRENCH

Coins of the Paris Commune. M. Palkin. Den. i kres. 24 no. 5:87-88 My '66.

COKE

(see also subdivision under Fergana Province)

Formation of the aromatic structure of peat coke. V. E. Rakovskiy, N. D. Drozhzhina. Dokl. AN BSSR 10 no. 5: 316-318 My '66.

COKING PLANTS

Sheikov, A. K., ed. [Manual for coke chemists in six volumes] Spravochnik kokshimika v shesti tomakh. Moskva, Metallurgiya. Vol. 4. [Designing, constructing, and putting coke chemical plants into operation] Proektirovaniye, sooruzheniye i pusk kokshimicheskikh predpriyatiy. 1966. 391 p.

COLD STORAGE WAREHOUSES

(see subdivision under Volgograd)

COLLAGEN DISEASES

[Multivolume manual on internal diseases] Mnogotomnoye rukovodstvo po vnutrennim boleznyam. Moskva, Meditsina.

Vol. 8. Nesterov, A. I., ed. [Collagen diseases of the organs of movement and metabolism. Avitaminoses] Kollagenovye bolezni organov dvizheniya i obmena veshchestv. Avitaminozy. 1965. 602 p. (DNLM)

COLLECTIVE FARMS

(see also subdivision under Akhunbabaevskiy District; Daghestan; Ivanovka, Orenburg Province)

Around the izba. Sergey Viktorov, Aleksandr Sushkov. Oktiah' 42 no. 5:177-186 My '66.

Green light for initiative! T. S. Alkhantov. Kommunist 43 no. 5:20-26 My '66.

Honorary members of collective farms. D. Madryga. Part. zhizn' no. 12:68-69 Je '66.

Intensify the protection of property rights of collective farms. I. Koz'min. Sov. iust. 30 no. 0:6-7 My '66.

Moshkov, I. A. [The grain problem during the years of massive collectivization of agriculture in the U.S.S.R., 1929-1932] Zernovaya problema v gody eploshnoi kollektivizatsii sel'skogo khozaystva SSSR (1929-1932 gg.). [Moskva] Izd-vo Mosk. univ., 1966. 220 p.

COLLECTIVE FARMS—ACCOUNTING

Accounting for the production stocks of a collective farm. V. Kocherova. Vest. stat. no. 5:45-50 '65.

Business accounting and state procurement. N. Rusakov. Zekup, mol'khoz. prod. no. 4:1-3 Ap '66.

COLLECTIVE FARMS—FINANCE

The bank and the collective farm. Den. i kres. 24 no. 5: 44-57 My '66.

COLLECTIVE FARMS—INCOME DISTRIBUTION

The wage fund on collective farms. M. Rozhkov. Sots. trud. 11 no. 5:138-139 '66.

COLLECTIVE FARMS—INTERFARM COOPERATION

Legal aspects of the property of the interfarm construction organizations. K. Balyrev. Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 2:29-35 '66.

COLLECTIVE FARMS—LAWS AND LEGISLATION

Improving the legal regulation of the collective farm contacts with governmental agencies. V. N. Den'chenko. Sov. gos. i pravo 36 no. 5:31-40 My '66.

COLLECTIVE FARMS—MANAGEMENT

(see also subdivision under Samarkand Province; Srednetchirchikskiy District; Stavropol Territory)

Sedyayev, I. A. [Differential rent and the leveling of the economic conditions of the management of collective farms] *Differentsial'naya renta i vyrovni-vanie ekonomicheskikh usloviy kolkhoznov*. Moskva, Ekonomika, 1966. 221 p.

COLLECTIVE FARMS—PENSIONS

(see also subdivision under Challyr', Rostov Province; Moscow Province; Nefitovka District)

In the social insurance council of the collective farmers of the R. S. F. S. R. *Sots. obespr.* 41 no. 5:20-21 My '66.
Moscow. *Moskovskaya sel'skokhoznaya i sel'skaya akademiya imeni K. A. Timirязeva. Kafedra ekonomiki sotsialisticheskogo sel'skogo khozaystva.* [Social security of collective-farm members in the U. S. S. R.] *Sotsial'naya obespechenie chlenov kolkhozov v SSSR.* Razrabotano A. G. Pervushinym. Moskva, 1965. 38 p.

COLLECTIVE LABOR AGREEMENTS—COOPERATIVE SOCIETIES

How to organize the verification of the fulfillment of collective agreements. *V. Maksimov. Sov. potrebn. koop.* 10 no. 5:60-61 My '66.

COLLEGE AND SCHOOL JOURNALISM

Our radio newspaper. *A. Sviridov. Sred. spets. obr.* 13 no. 4:35 Ap '66.

COLLISIONS (NUCLEAR PHYSICS)

Effect of interelectron collisions on the distribution function of electrons in a strong electric field. *I. B. Levinson, G. E. Mazhulite. Zhur. eksp. teor. fiz.* 50 no. 4:1046-1051 Ap '66.

COLLISIONS AT SEA—PREVENTION

Introduction of the new Rules for the Prevention of Collision of Ships at Sea. *T. Vandarov. Ryb. khoz.* 42 no. 3:30-31 '66.

COLLOIDS

Morphology of the surface of breakdown of polymer gels. *M. M. Isdeeva, S. P. Papkov. Vysokom. sred.* 8 no. 5:335-350 My '66.

COLON (ANATOMY)—CANCER

Anatomical type of tumor growth as a manifestation of the degree of malignancy and its effect on the prognosis in cancer of the rectum and distal portion of the sigmoid. *D. P. Bereskin. Sov. med.* 28 no. 9:73-77 S '64.

COLOR CENTERS

Theory of thermo-field ionization of F-centers. *I. A. Roznerblin, A. G. Cheban. Fiz. tver. tela* 8 no. 5:137-4-1378 My '66.

Trigonal Gd^{3+} centers in CaF_2 with hydroxyl compensation. *F. Z. Gifanov, L. D. Livanova, A. L. Stolov. Fiz. tver. tela* 8 no. 4:1165-1167 Ap '66.

COLOR IN INDUSTRY

Color of the automotive transportation of airports. *A. Dneprovskiy. Tekh. est.* no. 2:45-46 F '65.

COLOR SENSE

Model with two photoelements imitating color vision of man and its anomalies. *N. G. Volkov, V. K. Lapidovskiy. Dokl. AN SSSR* 166 no. 3:607-600 My '66.

COLORLESS GLASS see Glass, Colored

COLORIMETERS

Characteristics of the work with Zeiss' photometer and Lange's electric photocolormeter. *G. G. Shobe. Khim. v sel'sk. khoz.* 4 no. 5:50-52 My '66.

COLORIMETRY

Colorimetric determination of thiocarbonates in viscose. *R. A. Khurgina. Khim. volok.* no. 3:44-45 '66.

Colorimetric study of the cometary nebula Anon Θ^{140} . *E. E. Khachikyan, E. S. Parsanian. Astrofizika i no. 4:417-420 D '65.*

Photocolorimetric method for quantitative determination of phenyllin. *P. E. Kahan, T. O. Kohel. Farmatsev. zhur.* 21 no. 2:24-27 '66.

Photocolorimetric method of determining amylin in medicinal forms. *M. P. Ilyayevskiy, V. I. Starushchenko. Farmatsev. zhur.* 20 no. 3:28-33 '65.

Photocolorimetric method of quantitative determination of pyridine bound by ribonucleic acid. *A. M. Golubev, E. L. Golubeva. Arkh. pat.* 20 no. 4:80-82 '66.

Photoelectrocolorimetric determination of barbitol in mixtures with bromisoval and amidopyrine. *V. I. Popova, V. P. Kramarenko. Farmatsev. zhur.* 21 no. 2:27-31 '66.

Studying the photocolorimetric method of sulfate determination by chromate excess in the filtrate. *G. M. Babkin, I. A. Feher, M. E. Averbukh. Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:154-156 '66.

Use of the FFK-56 photoelectrocolorimeter in determining oiling agent content of fibers. *Z. D. Tul'guk, A. M. Gol'tsev. Khim. volok.* no. 3:65-66 '66.

COLUMNS, CONCRETE

Calculating the two-sided columns of open crane trestles. *L. Lyubarskiy. Prom. stroit. inzh. soor.* 5 no. 6:41-42 N-D '63.

Cantilevers of precast reinforced-concrete columns. *A. Gurskiy. Prom. stroit. inzh. soor.* 6 no. 4:31-34 Ji-Ag '64.

COMA

Lavage of respiratory passages through tracheostomy in patients in comatose state caused by cerebrocranial trauma. *D. V. Isakov, E. Z. Ustinova, N. S. Beliaev. Vop. neirokhir.* 30 no. 2:27-31 Mi-Ap '66.

COMBINES (AGRICULTURAL MACHINERY)

Device for the removal of the rolls of the KKKh-3 combine. *V. Kolodiy. Tekh. v sel'sk. khoz.* 26 no. 4:78-79 Ap '66.

Iaponenko, V. S., and others. [Agricultural combines] *Sil'skokhoznars'ki kombainy. Za red. P. T. Honcharenko.* 3. pereoblene ta dopovnene vydannya. Kyiv, Urozhai, 1965. 407 p. (Posilnyky dlia pidhotovky sil's'kykh mekhanizatoriv) (DNL)

COMBING MACHINES

Increasing the operative capacity of worsted combing machines. *G. A. Shumilov. Tekst. prom.* 26 no. 5:46-50 My '66.

COMBUSTION

Comment on the occurrence of vortexes in vibratory combustion. *V. N. Podymov, D. S. Kalmova. Inzh.-fiz. zhur.* 10 no. 5:676-677 My '66.

Criterion of the instability of a developed deflagration and the analogy of the consumption process in a detonation wave and in a jet engine. *S. K. Aslanov. Izv. vys. ucheb. zav.; av. tekhn.* 9 no. 1:108-114 '66.

Determination of the volumes of air and combustion products from normalized fuel characteristics. *I. A. L. Pekker. Elektr. sta.* 37 no. 3:12-17 Mi '66.

Effect of the initial temperature on the speed of flame propagation in a turbulent flow of a homogeneous mixture. *V. K. Zolot, A. V. Talantov. Izv. vys. ucheb. zav.; av. tekhn.* 9 no. 1:115-122 '66.

Moist coal into the fire chamber. *E. Dikov. Izobr. i s.* no. 3:6-8 Mi '66.

Some problems in gas dynamics of jets in a lateral flow in burning. *V. A. Kosterin, E. V. Rzhavskiy, A. I. A. Khramov. Izv. vys. ucheb. zav.; av. tekhn.* 9 no. 1:130-139 '66.

Using deductions of the thermal theory of ignition to determine the general condition for flame stabilization by a slightly streamlined body. *V. A. Mironenko. Izv. vys. ucheb. zav.; av. tekhn.* 9 no. 1:140-145 '65.

Using the method of integral relationships in solving problems in the ignition theory. *A. M. Grishin. Inzh.-fiz. zhur.* 10 no. 5:653-659 My '66.

COMBUSTION, SPONTANEOUS

Theory of thermal ignition. Report No. 2: Effect of an external heat transfer on the characteristics of ignition. *V. G. Abramov, V. T. Gontkovskiy, A. G. Merzhanov. Izv. AN SSSR, Ser. khim.* no. 5:823-827 '66.

COMMERCE

State monopoly capitalism and foreign trade. *G. Koflov. Vnesh. tor.* 46 no. 5:30-35 '66.

COMMERCE—TABLES, CALCULATIONS, ETC.

Moscow. *Nauchno-issledovatel'skii kon'funktturnyi institut.* [Tables for computing the annual rates of increase] *Tablitsy dlia ischisleniya srednegodovykh tempov prirosta.* Moskva, 1966. 40 p.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL AGENTS

Announcements. *Vnesh. tor.* 46 no. 4:50-62 '66.
Announcements. *Vnesh. tor.* 46 no. 5:54-56 '66.

COMMERCIAL LAW

A theoretical conference on the legal problems of industrial management (to be concluded). *L. Borisov. Sov. gos. i pravo* 36 no. 5:49-55 My '66.

COMMERCIAL PRODUCTS

[New consumer goods; information bulletin] *Nov. tov.; inform. blul.* no. 4 '66.

COMMON MARKET COUNTRIES see European Economic Community countries

COMMUNICABLE DISEASES

Akademiya nauk URSS, Kiev. [Regional parasitology and natural foci of transmissible diseases] *Krayeva parazitologiya i prirodna ochagovost' transmissivnykh boleznei.* Kiev, Naukova dumka, 1966. 167 p. (Respublikanskiy mezhvedomstvennyi sbornik. Seriya: "Problemy parazitologii")

Effect of sustained infectious diseases on diphtheria immunity. *G. N. Raikhat and others. Zhur. mikrobiol., epid. i immun.* 43 no. 4:50-54 Ap '66.

[Multivolume manual on the microbiology, clinical aspects and epidemiology of infectious diseases] *Mnogotomnoe rukovodstvo po mikrobiologii, klinike i epidemiologii infektsionnykh boleznei.* Moskva, Meditsina.

Vol. 7. [Bacterial and spirochetotic infections. Skin diseases and anaerobic infections] *Bakterialnye i spirokhetoznye infektsii. Bolezni pokrovov i anaerobnye infektsii.* Red. K. I. Matveev, P. A. Petrishcheva. 1966. 736 p. (DNL)

COMMUNICABLE DISEASES—PREVENTION

Disinfection and its role in the system of measures for the eradication and control of infectious diseases. *V. I. Vashkov. Zhur. mikrobiol., epid. i immun.* 41 no. 8:3-7 Ag '64.

COMMUNICABLE DISEASES IN ANIMALS

[Epizootology and basic microbiology] *Epizootologiya su mikrobiologijos pagrindais.* [By] V. Stukys ir kiti. Vilnius, Mintis, 1966. 255 p. [In Lithuanian] (DNL)

COMMUNICATION AND TRAFFIC—EMPLOYEES

Sinukhin, V. E. [What communication workers should know about the fundamental problems of labor; a manual] *Chto nuzhno znat' rabotnikam svyazi po osnovnym voprosam trudovogo zakonodatel'stva; spravochnik.* Moskva, Svyaz', 1966. 87 p.

COMMUNISM

Commodity and monetary relations under socialism and their use in the building of communism. *D. Akhmedov. Vop. ekon.* no. 4:106-110 Ap '66.

Communist ideology is a great revolutionary force. *V. Sheliag. Komm. Voruzh. Sil* 47 no. 11:9-15 Je '66.

The further development of the material and technical foundation of communism in the new five-year plan. *O. Nesterenko. Ekon. Ind. Ukr.* 9 no. 4:10-25 Ap '66.

Khabarovsk. *Institut inzhenerov zheleznodorozhnogo transporta.* [Problems of socialist communism] *Voprosy nauchnogo kommunizma.* [Khabarovsk] *Khabarovskoe knizhnoe izd-vo*, 1965. 230 p. (CSI-II)

Kishinev. Universitet. [Character of the present epoch; the general line of the international communist movement] *A methodological textbook for students of the Kishinev State University* [Kharakter sovremennoi epokhi; general'naya liniya mezhdunarodnogo kommunisticheskogo dvizheniya. Uchebno-metodicheskoe posobie dlia studentov KGU. Kishinev, 1965. 10 p. (CSI-II)]

Klovov, V. I., and V. P. Demchenko. [Origin of the world system of socialism and the progress of mankind] *Vyniknennia svitovoi systemy sotsializmu i progress ludstva.* Kyiv, 1965. 47 p. (Tovarystvo "Znannya" Ukrainy kol SSR. Seriya 1, no. 9)

Krut'ko, N. G. [The struggle for democracy as a constituent part of the struggle for socialism] *Bor'ba za demokratiyu - sostavnaia chlast' bor'by za sotsializm.* Minsk, Nauka i tekhnika, 1966. 171 p.

Leninist theory of the socialist revolution and our time; a theoretical conference. *Kommunist* 43 no. 5:63-80 My '66.

Optimism of Soviet people, the builders of communism. *M. Akopov. Komm. Ukr.* 40 no. 5:18-27 My '66.

Our beloved party should be greeted in a proper manner. *Radio no. 12:1-2 D '65.*

Relationship between the theory and practice of communist construction. *A. S. Kovalchuk. Vop. filos.* 20 no. 4:10-21 '66.

Resolutions of the Congress as the program for our era. *P. T. Troits'ko. Rad. shkola* 45 no. 5:1-9 My '66.

Under Lenin's banner toward communism. *Doshk. vosp.* 39 no. 4:3-5 Ap '66.

COMMUNISM AND ART

Akademiya khudozhestv SSSR, Institut teorii i istorii izobrazitel'nykh iskusstv. [Problems of art in the light of the struggle of ideologies] *Voprosy iskusstva v svete bor'by ideologii; sbornik statei.* Oshchana red. A. V. Solodovnikova. Moskva, Sovetskii khudozhnik, [1966] 108 p.

Donchenko, R. I. [Communism and the freedom of creativity] *Kommunizm i svoboda tvorchosti.* Kyiv, Znannya, 1964. 42 p. (CaOTU)

Leninist guiding principles of the development of artistic culture. *V. Shcherbina. Kommunist* 43 no. 5:37-47 My '66.

COMMUNISM AND LITERATURE

Academic conference devoted to the 60th anniversary of V. I. Lenin's article "Party organization and party literature." *Izv. AN SSSR, Ser. lit. i iaz.* 25 no. 2:173-175 Mi-Ap '66.

COMMUNISM AND LITERATURE (Continued)

- General meeting of the Department of Languages and Literature. N. D. Orlova. Izv. AN SSSR, Ser. lit. i iaz. 25 no. 2:172-173 Mr-Apr '66.
- Leninist guiding principles of the development of artistic culture. V. Shcherbina. Kommunist 43 no. 8:37-47 My '66.
- The Party guides. Rad. lit. 10 no. 5:3-11 My '66.
- Vital and aggressive. A. Meichenko. Oktabr' 42 no. 5:187-216 My '66.

COMMUNISM AND RELIGION

- Look around; answer to a woman believer. Agitator 34 no. 11:39-41 Je '66.
- Varshavskii, A. S. [Antireligious paintings by Russian and Soviet artists; album for an exhibition] Antireligioznye kartiny russkikh i sovetskikh khudozhnikov; albom-vystavka. Moskva, Politizdat, 1964. 22 plates (in portfolio).

COMMUNISM AND SOCIETY

- (see also subdivision under Lithuania)
- Glezerman, G. E. [Correlation of the objective conditions and the subjective factor in the building of communism] Sootnosheniye ob'ektivnykh usloviy i sub'ektivnogo faktora v stroitel'stve kommunizma. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosofiya, no. 10)
- The transitional stages of development as a social phenomenon. D. Kshibekov. Izv. AN Kazakh, SSR, Ser. obshchestv. 4 no. 2:7-15 Mr-Apr '66.
- Volkov, I. U. E. [Thus communist self-government is being born; experience in concrete sociological research] Tak rozhdaetsia kommunisticheskoe samoupravlenie; opyt konkretno-sotsiologicheskogo issledovaniia. Moskva, Mysl', 1965. 238 p. (Sotsiologiya i zhizn')

COMMUNIST COMPETITION

(see also subdivision under Lithuania; Ulyanovsk Province)

- The foremost obligation. V. Lepikhin. Sov. shakht. 15 no. 5:9-10 My '66.
- Sadomirov, P. F. [Work practices of the collectives and shock workers of communist labor on river vessels and in river ports] Opyt kollektivov i udarnikov kommunisticheskogo truda rechnykh sudov i portov. Moskva, Transport, 1965. 77 p.
- Work in the communist way! Tekh. i vooruzh. 24 no. 1:4-7 Ja '66.

COMMUNIST COMPETITION—BIBLIOGRAPHY see Bibliography—Communist competition

COMMUNIST COUNTRIES—COMMERCE

- Development of international trade relations in the Comecon countries. Vest. stat. no. 5:88-95 '66.
- Shagolov, G. L. [Economic efficiency of barter among socialist countries] Ekonomicheskaya effektivnost' tovarnogo obmena mezdu sotsialisticheskimi stranami. Moskva, Mysl', 1966. 280 p.

COMMUNIST COUNTRIES—COSTS, INDUSTRIAL—CONGRESSES

- International conference on the methodology of the international comparability of cost indices. V. Simchera. Vest. stat. no. 5:82-87 '66.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

- Times of great accomplishments. M. Domogatskikh. Agitator no. 3:29-31 F '64.

COMMUNIST COUNTRIES—RELATIONS (GENERAL) WITH UKRAINE

- The Ukraine in the technical and scientific cooperation of socialist countries. Z. Kharchenko. Ekon. Rad. Ukr. 9 no. 4:90-93 Ap '66.

COMMUNIST COUNTRIES—STATISTICS

- Development of international trade relations in the Comecon countries. Vest. stat. no. 5:88-95 '66.

COMMUNIST COUNTRIES—TECHNOLOGICAL INNOVATIONS—FINANCE

- Butkov, D. D., and V. I. Boshkova. [Financing of technological progress in the Comecon countries] Finansirovaniye tekhnicheskogo progressa v stranakh SEV. Moskva, Finansy, 1966. 133 p.

COMMUNIST EDUCATION

(see also subdivision under Lithuania; Ukraine; Ulyanovsk)

- Emotional effect of Lenin's words. I. I. Dolgopolev. Sov. pedagog. 30 no. 4:72-76 Ap '66.
- For children about Lenin. A. Pavlova. Doshk. vosp. 39 no. 4:18-22 Ap '66.
- Friendship with soldiers. A. S. Zolotukhin. Rad. shkola 45 no. 5:22-26 My '66.
- Glory of these days will live forever. L. M. Loseva. Nach. shkola 34 no. 5:24-25 My '66.
- In the school named after Aleksandr Zubarev. I. S. Madzhon. Rad. shkola 45 no. 5:21-22 My '66.

- Let's inculcate the skills of propaganda work in students. IU. Sergeev. Sred. spets. obr. 13 no. 4:31-33 Ap '66.

- Let's train patriots. V. B. Mironov. Nach. shkola 34 no. 5:20 My '66.

- Let's train them according to the traditions of older generation. Sov. pedagog. 30 no. 4:3-9 Ap '66.

- Love for Vladimir Il'ich. I. Bogdanova, E. Striuk, R. Sadykova. Doshk. vosp. 39 no. 4:12-17 Ap '66.
- Military and patriotic training in elementary schools. F. I. Golikov. Nach. shkola 34 no. 5:20-23 My '66.

- Student training based on the traditions of the "Young guard." I. R. Chukavov. Rad. shkola 45 no. 5:16-20 My '66.

- Sverdlovsk. Ural'skii gosudarstvennyi universitet. [Communist education of workers; a handbook for students of all faculties and departments] Kommunisticheskoe vospitanie trudiaschchiksl; uchebnoe posobie dlia studentov vseh fakul'tetov i otdelenii. Sverdlovsk, 1965. 24 p. (CSI-1)

COMMUNIST ETHICS

(see also subdivision under Lithuania)

- Mironov, A. E. [My dear teenager!] Dorogoi moi podrostok! Minsk, Belarus', 1966. 88 p. (Po zakonam sovetski chelosti)
- [Salute to labor] Chest' trudu; sbornik. Donetsk, Donbass, 1965. 62 p.

- V. I. Lenin on the class and general aspects of morals. O. N. Krutava, N. N. Krutov. Sov. pedagog. 30 no. 4:10-22 Ap '66.

- [World of the beautiful; essays] Mir prekrasnogo; ocherki. Moskva, Izd-vo gazety "Krasnaia zvezda," 1966. 29 p. (Bibliotekha "Krasnoi zvezdy," no. 8(188))

COMMUNIST PARTIES—BIBLIOGRAPHY see Bibliography—Communist parties

- COMMUNIST PARTY see subdivision under Argentina; Czechoslovakia; France; Germany, East; Italy; Lithuania; Romania; Ukraine, Western

COMMUNIST PARTY IN LITERATURE AND ART

- Portrayal of party workers in motion pictures. V. Shalmovskii. Part. zhizn' no. 12:58-61 Je '66.

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Azerbaijan; Donetsk Basin; Kirov Province)

- Along Lenin's path toward communism. Nach. shkola 34 no. 5:3-7 My '66.

- Bring into life the plans of the party. A. G. Shengella and others. Sov. shakht. 15 no. 4:2-4 Ap '66.

- [The CPSU in the final stage of the building of socialism, 1945-1958] KPSS na zavershaiushchem etape stroitel'stva sotsializma (1945-1958 gody). [By G. A. Deborin i dr.] Moskva, Politizdat, 1966. 107 p. (Molodomu kommunistu ob istorii KPSS)

- Employees of the party apparatus. Part. zhizn' no. 12:37 Je '66.

- Gileva, E. I. [Party's struggle for the development of the socialist revolution and the strengthening of the Soviet regime, October 1917-1918] Bor'ba partii za razvitiye sotsialisticheskoi revoliutsii i uprochneniye Sovetskoi vlasti (Oktabr' 1917 g. - 1918 g.). Moskva, Politizdat, 1966. 45 p. (Uchebno-metodicheskie posobia k izucheniiu istorii KPSS)

- Going the Leninist way. Vop. filoz. 20 no. 4:3-9 '66.

- History of the conferences of the Central Committee of the Russian Communist Party (Bolshevik) with the representatives of the national republics and provinces, 1919-1923. S. I. Elkina. Vop. ist. KPSS 10 no. 3:54-61 Mr '66.

- How often the meetings of party members should be held? Part. zhizn' no. 11:48 Je '66.

- Increased role of the CPSU in the guidance of building of communism. Komm. Vooruzh. Sil 47 no. 10:61-65 My '66.

- The inviolable law of party life. Komm. Vooruzh. Sil 47 no. 11:2-7 Je '66.

- Kommunisticheskaya partiia Sovetskogo Soyuza. Vysshaya partiinaya shkola. Kafedra istorii KPSS. [Lectures on the history of the CPSU] Lektsii po istorii KPSS. Moskva, Mysl', No. 1. 1966. 656 p.

- The Leninist party, organizer and inspirer of the great victory. A. Rytov. Kryn. rod. 16 no. 4:1-2 Ap '66.

- Leninist vanguard of the Soviet people. V. Iakushkin. Komm. Vooruzh. Sil 47 no. 10:7-15 My '66.

- The management of party records. M. Gavrilov. Part. zhizn' no. 12:43-44 Je '66.

- Problems in the history of the CPSU discussed at a session in T. II. Shevchenko University in Kiev. V. P. Shevchuk, P. M. Ponomarenko. Ukr. ist. zhur. 10 no. 5:151-152 My '66.

- Revolutionary consistency of the party of Lenin. I. Pomelev. Kommunist 43 no. 8:58-67 My '66.

- Selecting sources of party history. M. A. Varshavchik. Vop. ist. KPSS 10 no. 3:112-117 Mr '66.

- Viatkin, A. Ia. [Defeat of Trotskyism and other anti-Leninist groups by the Communist Party] Razгром Kommunisticheskoi partiei trotskizma i drugikh antileninskikh grupp. [Leningrad] Izd-vo Leningr. univ., Pt. 1. [November 1920-1925] Nofabr' 1926-1925 gg. 1966. 174 p.

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

- Approaching the congress. Tekh. i vooruzh. 24 no. 1:2-3 Ja '66.

- Carry out the decisions of the party. Stal' 26 no. 5:385 My '66.

- Following the course set by Lenin, the party leads us toward communism. A. V. Chursin. Elek. i tept. tiaga 10 no. 4:1-2 Ap '66.

- From the directives of the 23d Congress of the Communist Party of the Soviet Union regarding the five-year plan on the national economy of the U.S.S.R. Metalurg 11 no. 5:1 My '66.

- Historical event in the life of the party and the country. Vest. AN Kazakh, SSR. 23 no. 4:3-7 Ap '66.

- How the party orders. V. A. Sudets. Vest. protivovoz. obr. no. 5:3-6 My '66.

- Kommunisticheskaya partiia Sovetskogo Soyuza. 23. s'ezd. [Materials of the 23d Congress of the CPSU] Materialy. Moskva, Politizdat, 1966. 393 p.
- Objectives of the refractories industry in the light of resolutions of the 23d Congress of the CPSU. Ogneupory 31 no. 5:1-3 '66.

- Powerful stride. M. Zakharov. Tekh. i vooruzh. 24 no. 4:1-9 Ap '66.

- The 23d Congress of the CPSU and tasks of sailors. S. G. Gorskikh. Mor. shor. 49 no. 5:3-13 My '66.

- The 23d Congress of the CPSU and tasks of the Hydrometeorological Service. Meteor. i gidrol. no. 5:1-1V My '66.

- The 23d Congress of the Communist Party of the Soviet Union. Nau. khoz. Kazakh. 24 no. 4:3-5 Ap '66.

- Under Lenin's banner. D. K. Man'ko and others. Sov. voen 48 no. 8:2-5 Ap '66.

- Under the unconquerable banner of Marxism-Leninism toward the victory of communism! Ugoi' 41 no. 5:1-6 My '66.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

- It doesn't change the procedure of admission into the party. N. Grachev. Part. zhizn' no. 12:46-47 Je '66.
- There is no reason to blame you. N. Shil'syn. Part. zhizn' no. 12:47 Je '66.

- We should call to account those who recommend such people. A. Zhelezkov. Part. zhizn' no. 12:69 Je '66.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Karaganda Province; Khorosn Province; Kostroma; Leningrad; Mordovia; Moscow; Samarkand Province; Uzbekistan; Vladimir Province)

- Activists of the street; readers' comments. I. Iakra. Agitator 34 no. 11:22 Je '66.

- Akhumova, L. G., and F. N. Gel'bulch. [Know, dare, and read] Znat', derzhat', vest' za soboi! [Chetabinsk] Uzhno-Ural'skoe knizhnoe izd-vo, 1965. 88 p.

- Combat efficiency. V. Gorskii. Grazhd. av. 23 no. 6:5 Je '66.

- Comments by the delegates to the 23d Congress of CPSU. K. B. Diltalov, L. M. Rybina, I. P. Semenov. Sred. spets. obr. 13 no. 4:2-4 Ap '66.

- Decisive stage of the electoral campaign. Agitator 34 no. 10:2-6 My '66.

- The earth will return a hundredfold. E. Evteev. Agitator 34 no. 10:47-49 My '66.

- Education of the growing generation based on Leninist traditions. A. A. Grigor'eva. Vop. ist. KPSS 10 no. 3:145-149 Mr '66.

- Guidance toward action; report on the party meeting of Gorky University. P. Balbarin. Agitator 34 no. 10:50-52 My '66.

- Half a century in the ranks. R. Pollatskin. Agitator 34 no. 11:29 Je '66.

- Important tasks of the political work. Agitator 34 no. 11:3-6 Je '66.

- In the propaganda centers. Agitator 34 no. 10:12 My '66.

- Lenin's plan for building socialism in the U.S.S.R. I. A. D. Kurtonin. Vop. ist. KPSS 10 no. 3:79-87 Mr '66.

- Model themes of lectures, reports and discussions. Agitator 34 no. 10:13 My '66.

- Our opinion. I. Zakharov. Part. zhizn' no. 12:45 Je '66.

- Party news. Part. zhizn' no. 12:70-80 Je '66.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK (Continued)

Party workers tell about their work. *Sots.obesp.* 41 no. 5:14 My '66.

The propaganda train "Relay-race of generations." A. Akhmedov, S. Mustafayev. *Agitator* 34 no. 11:38 Je '66.

Provtolov, V. P. [In anxieties and joys; diary of a party worker] V trevogakh i radostiakh; zapiski partinogo rabotnika. [Leningrad] Lenizdat, 1966. 93 p.

Public organizations of a kindergarten and their role in management. *Doshk.vosp.* 39 no. 4:30-39 Ap '66.

Rulla, Zvonozas. [Leninist principles of party-state control] Leninistai partines-vaistybinės kontrolės principai. Vilnius, Mintis, 1965. 70 p. [In Lithuanian]

Self-education of a propagandist. M. Semichayevskii. *Agitator* 34 no. 11:30-32 Je '66.

Supervisor of the pedagogical collective. B. Kobzar'. *Nar. obr.* no. 5:8-11 My '66.

Their duty and their vocation. P. Bogdanov. *Part. zhizn'* no. 12:45-46 Je '66.

Unity of theory and practice as the most important principle in the activity of the CPSU. V. V. Platkovskii. *Vop. ist. KPSS* 10 no. 3:6-17 Mr '66.

Work creatively, in the new way. V. Niskorodov. *Grazhd. sv.* 23 no. 6:6-7 Je '66.

COMMUNIST REVISIONISM

Viatkin, A. I. A. [Defeat of Trotskyism and other anti-Leninist groups by the Communist Party] Razgrom kommunisticheskoi partii trotskizma i drugih antileninisticheskikh grupp. [Leningrad] Izd-vo Leningr. univ., Pt. 1. [November 1920-1925] Notabr' 1920-1925 gg. 1966. 174 p.

COMMUNIST STATE

Kozlov, I. U. M., ed. [Bringing democratic principles to perfection in the Soviet form of state administration] Soveshcheniya demokraticheskikh printsipov v sovetskoy gosudarstvennoy upravlenii. [Moskva] Izd-vo Mosk. univ., 1966. 346 p.

The role and prospects of the national Soviet state in the process of the building of communism. D. S. Kiselev. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 2:10-18 '66.

Volkov, I. U. E. [Thus communist self-government is being born; experience in concrete sociological research] Tak rozhdaetsia kommunisticheskoe samoupravlenie; opyt konkretno-sotsiologicheskogo issledovaniia. [Moskva, Mysl', 1965. 238 p. (Sotsiologiya i zhizn')]

COMMUNIST STATE—CONGRESSES

Soveshchanie po sovremennym problemam materialisticheskoi dialektiki. [Moscow, 1965. [Dialectics of the material and intellectual life of society in the period of the building of communism; materials] Dialektika materialnoi i dukhovnoi zhizni obshchestva v period stroitel'stva kommunizma; materialy. Moskva, Nauka, 1966. 271 p. (Sovremennye problemy materialisticheskoi dialektiki)]

COMMUNIST STRATEGY

Kishinev, Universitet. [Character of the present epoch; the general line of the international communist movement. A methodological textbook for students of the Kishinev State University] Kharakter sovremennoi epokhi; general'naya liniia mezhdunarodnogo kommunisticheskogo dvizheniia. Uchebno-metodicheskoe posobie dlia studentov KGU. Kishinev, 1965. 16 p. (CSL-18)

Sosnova, G. S., and E. I. Stroganova. [V. I. Lenin on the ways of the development of the socialist revolution and the possibility of its peaceful victory in Russia] V. I. Lenin o putiakh razvitiia sotsialisticheskoi revoliutsii i vozmozhnosti ee mirovoi pobedy v Rossii. [Saratov] Izd-vo Saratovskogo univ., 1965. 70 p. (CSL-11)

COMMUNIST YOUTH LEAGUE

(see also subdivision under Archangel Province; Vologda Province; White Russia)

Always together with the members of the Communist Youth League and the Pioneers. V. Lagerev. *Nar. obr.* no. 5:85-88 My '66.

Blatin, M. A. [The mission of the Communist Youth League] Komsmol'skoe poruchenie. [Moskva] Molodai gvardiia, 1966. 94 p. (Biblioteka komsmol'skogo aktivista)

Boisakova, S. V. We - that's you and I! My - eto ia i ty. [Moskva] Molodai gvardiia, 1966. 82 p. (Biblioteka komsmol'skogo aktivista)

Brozheev, L. I. [Speech at the 15th Congress of the Communist Youth League. Greetings of the Central Committee of the CPSU to the 15th Congress of the Communist Youth League] Rech' na XV s'ezde VLKSM. Prilozhenie TsK KPSS XV s'ezdu VLKSM. Moskva, Molodai gvardiia, 1966. 23 p.

[The Communist Youth League Searchlight] Komsmol'skii prozhektor. [Chelabinsk] Izdno-Ural'skoe knizhnoe izd-vo, 1965. 77 p. (CSL-11)

Congress of the young Leninists. *Agitator* 34 no. 11:9-12 Je '66.

Didusenko, A. A., and A. P. Skrypnik. [Law of komsmol life] Zakon komsmol'skoi zhizni. [Moskva] Molodai gvardiia, 1966. 124 p. (Biblioteka "Vstupaiushchemu v komsmol")

Faithful disciples of the party. B. Pastukhov. *Komm. Vopr.* 47 no. 11:60-75 Je '66.

Ganushkin, V. A., and B. D. Pankin. [Why there are five decorations on the Komsmol flag] Pochemu na znamenii komsmola piat' ordenov. [Moskva] Molodai gvardiia, 1966. 79 p. (Biblioteka "Vstupaiushchemu v komsmol")

Gents, N. N. [Commissars of the 1960's] Komissary 60-kh godov. [Moskva] Molodai gvardiia, 1966. 93 p. (Biblioteka komsmol'skogo aktivista)

Kuchina, O. A. [There will be no record of proceedings] Protokola ne budet. [Moskva] Molodai gvardiia, 1966. 92 p. (Biblioteka komsmol'skogo aktivista)

The Lenin Komsmol is an efficient helper of the party. *Part. zhizn'* no. 11:8-11 Je '66.

Salutskii, A. S. [If the war begins tomorrow...] Esli zavtra v pokhod... [Moskva] Molodai gvardiia, 1966. 78 p. (Biblioteka komsmol'skogo aktivista)

Schools and the Communist Youth League. N. Mikhlov. *Nach. shkola* 34 no. 5:11-15 My '66.

Semenova, E. I. [Olympia sources] Olimpijskie ruchelki. [Moskva] Molodai gvardiia, 1966. 94 p. (Biblioteka komsmol'skogo aktivista)

Staroverov, V. I. [Our number is growing] Nas stanovitsia bol'she. [Moskva] Molodai gvardiia, 1966. 94 p. (Biblioteka komsmol'skogo aktivista)

Take the search with you. R. Pionova. *Sred. spets. obr.* 13 no. 4:26-31 Ap '66.

COMMUNIST YOUTH LEAGUE—CONGRESSES

Communist Youth League soldiers to the 15th Congress of the All-Union Leninist Communist Youth League. V. G. Mikhov. *Vest, protivopozd. obr.* no. 5:7-10 My '66.

COMMUNISTS

Communists have no privileges. *Part. zhizn'* no. 12:36 Je '66.

COMMUNITY AND SCHOOL

(see also subdivision under Tunkinsky District)

Responsible for everyone. I. Konarzhenskii. *Nar. obr.* no. 5:45-49 My '66.

Schools as organizers of work with children in summer. S. P. Val'eva. *Nach. shkola* 34 no. 5:57-60 My '66.

Student brigades and the community. I. Dulla. *Nar. obr.* no. 5:70-73 My '66.

COMMUNITY CENTERS see subdivision under Odessa Province

COMMUTATIVE GROUPS see Abelian groups

COMPARATIVE PATHOLOGY see Pathology, Comparative

COMPASS

Setting the flinders bar on the ship without shore observations. V. Zharashchenko. *Mor. flot* 26 no. 4:22-24 Ap '66.

COMPLEMENT FIXATION

Comparative evaluation of methods for complement fixation in the cold, double diffusion in agar and passive hemagglutination of the detection of anticerebral antibodies in the serum of patients with neuropsychic diseases. N. I. Kuznetsova. *Biul. eksp. biol. i med.* 58 no. 12:90-93 D '64.

Significance of the preservation of foreign antigens in the body for the phenomenon of immunological tolerance. B. N. Sofronov. *Biul. eksp. biol. i med.* 58 no. 12:56-60 D '64.

COMPLEX COMPOUNDS

Complex formation in nonaqueous solutions. Part 4: Extraction of nitric acid by trihexylamine. B. A. Galkin, A. A. Chukharskii. *Radiochimia* 8 no. 2:154-163 '66.

Complex formation in nonaqueous solutions. Part 10: Reaction of trihexylamine with acetic acid. A. A. Chukharskii, B. P. Nikolskii, B. A. Mikhailov. *Radiochimia* 8 no. 2:163-171 '66.

Extraction of protactinium by tributyl phosphate. Part 3: Determination of the composition and stability constants of nitrate complexes of protactinium. V. P. Khlebnikov, R. A. Diachkova, V. I. Spilayn. *Radiochimia* 8 no. 2:125-131 '66.

Stability of the complex compounds of zinc, cadmium, cobalt, and nickel with thiourea in aqueous-acetone solutions. V. M. Shal'man and others. *Zhur. neorg. khim.* 11 no. 5:1076-1080 My '66.

Stability of complexes and rate of addend exchange as related to the hydration of ions. V. I. Ashkichev. *Zhur. neorg. khim.* 11 no. 5:1229-1230 My '66.

COMPLEX COMPOUNDS—ELECTRIC PROPERTIES

Electric properties of molecular complexes of some polyconjugated systems. G. P. Karpacheva, B. E. Davydov. *Elektrokhimiia* 2 no. 5:599-600 My '66.

COMPLEX COMPOUNDS—SPECTRA

Infrared absorption spectra of urea complexes with bivalent metal salts. N. S. Antonenko, I. A. A. Nuger. *Zhur. neorg. khim.* 11 no. 5:1072-1075 My '66.

COMPLEXES

Quasi-tetrahedral complexes. Part 1. N. I. Kovantsov. *Ukr. geom. sbor.* no. 1:28-38 '65.

COMPLEXONS

Complexometric determination of bismuth. A. G. Petrenko. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:104-112 '65.

Zirconium and hafnium complexones. A. N. Ermakov, I. N. Marov, G. A. Evtikova. *Zhur. neorg. khim.* 11 no. 5:1155-1160 My '66.

COMPLICATED LABOR see Labor, Complicated

COMPLICATIONS OF PREGNANCY see Pregnancy, Complications of

COMPOSERS

Drabms, Schubert, Ravel, Weber, and Grieg. T. Lebedeva. *V mire knig* 6 no. 4:36-37 Ap '66.

COMPOSERS, CUBAN

Meetings on the island of freedom. *Sov. muz.* 30 no. 4:133-134 Ap '66.

COMPOSITAE see subdivision under Kazakhstan

COMPRESSED AIR

Maximum permissible length of air cartridges. V. F. Sizhenkin. *Vzryv. delo* no. 58:16:59-64 '66.

COMPRESSORS

Choice of the optimal values of the pitch angle of the threads of a screw compressor. I. A. Sakun, I. I. Dimentov. *Energomashinostr.* 12 no. 4:33-35 Ap '66.

Distribution of pressures in the piston packing of a compressor. S. M. Altukhov. *Khim. i nef. mashinostr.* no. 3:10-14 Mr '66.

Sanctioned area for the equipment of compressor stations at chemical enterprises. M. E. Ostrovskii, V. B. Sokolov, S. M. Mitrofanov. *Prom. stroi.* 43 no. 5:66-19 '66.

Sorobrennikov, V. V., and V. V. Bykov. [Handbook for the operator of pumping and compressor units] Spravochnik mashinista masosnykh i kompressornykh ustanovok. Kiev, Tekhnika, 1966. 251 p.

COMPRESSORS—TESTING

Use of tensiometry in testing piston compressors and piston pneumatic engines. V. I. Kiselev, V. V. Alekseev. *Izv. vuz. ucheb. zav. i geol. i razv.* 9 no. 5:113-115 My '66.

CONRADES COURTS

(see also subdivision under Azerbaijan) Give constant assistance to comrades courts. I. Mikhailovskaya. *Sov. iust.* 30 no. 9:18-19 My '66.

CONCERTS see subdivision under Leningrad; Moscow

CONCRETE

Davydov, S. S. [Reinforced cementless concrete and cementless concrete] Armoplastbeton i plastbeton; uchebnoe posobie. Moskva, Mosk. inzhenerov zhel-dor. transporta, 1965. 47 p.

Economic effectiveness of coarse-grained heavy lime concrete. I. U. M. Asilov. *Sbor. trud. VNIISTROM* no. 4:203-210 '65.

Effect of additives on the property of gypsum-cement-pozzolanic concrete. I. A. L. Aradovskii. *Stroi. i arkhit.* 1/21, 7 no. 5:37-40 My '66.

Effect of early drying of concrete on its structure and adhesion to reinforcement. S. N. Korotkov, N. V. Svechin, R. I. Arolov. *Sbor. trud. VNIISTROM* no. 4:128-141 '65.

Effect of finely dispersed calcium carbonate on the hardening process and composition of lime concrete hydration products. I. U. M. But, V. M. Kolbasov, E. S. Savin. *Stroi. mat.* 11 no. 3:33-35 Mr '66.

Effect of the additions of soluble inorganic salts on the strength and degree of interaction of components of a silicate concrete obtained by autoclave hardening. E. S. Savin, I. U. M. But, V. M. Kolbasov. *Trudy MKHIT* no. 45:45-54 '64.

Effect of the degree of lime dispersion on the properties of lime concrete prepared according to various systems. P. M. Zil'berfarb. *Sbor. trud. VNIISTROM* no. 4:3-22 '65.

Increasing the density and strength of concrete and brick. N. A. Moshchanskii, I. K. Kasimov. *Stroi. mat.* 11 no. 3:21-22 Mr '66.

Precast cellular concrete dams constructed from hollow reinforced concrete blocks. I. U. Gontar'. *Prom. stroi. i inzh. soor.* 8 no. 6:13-15 N-D '63.

Selecting the constituents of fine-grained concrete with binders of Ural granulated slag. V. V. Bogdanov, V. V. Telegina. *Sbor. trud. VNIISTROM* no. 4:89-95 '66.

CONCRETE (Continued)

- Some problems of the technology of heavy lime concrete. M. S. Shvartszaid, E. N. Leon'ev. *Sbor. trud. VNIISTROM* no. 4:23-32 '65.
- Study of deformations of prestressed heavy lime concrete elements under bending. *Sbor. trud. VNIISTROM* no. 4: 142-160 '65.
- Study of some properties of sand-lime stone of lime concrete. I. U. M. Butt, L. M. Khavkin, R. I. Chervinskaya. *Sbor. trud. VNIISTROM* no. 4:211-222 '65.
- Use of some mathematical procedures in experiments on the technology of concrete. V. A. Voznesenskii. *Trudy Kish. politekh. inst.* no. 2:87-102 '64.

CONCRETE—ELASTIC PROPERTIES

- Formation of elastic properties of dense lime concrete in the process of autoclaving. Z. M. Khaimskii and others. *Sbor. trud. VNIISTROM* no. 4:77-88 '65.
- Thermoelastic pressure on a concrete block during its splitting. G. B. Kolchin. *Trudy LPI* no. 257:18-25 '65.

CONCRETE—EXPANSION AND CONTRACTION

- Studying the swelling of concrete in water. O. A. Roehnik. *Trudy LPI* no. 257:88-92 '65.

CONCRETE—TESTING

- Durability of gypsum-cement-puzzolanic concrete. I. A. L. Aradovskii. *Stroi. i arkh. Uzb.* 7 no. 3:19-20, 25 Mr '66.
- Testing of the water permeability of concrete under field conditions. Kh. A. Tokhmakhian. *Energ. stroi.* no. 49: 39-41 '64.
- Testing the rigidity of concrete mix. T. D. Chikovani. *Energ. stroi.* no. 3:77-81 '65.

CONCRETE—THERMAL PROPERTIES

- Applying the theory of the heat liberation of concrete to the calculation of temperature fields of concrete blocks. I. D. Zaporozhets. *Trudy LPI* no. 257:78-87 '65.
- Isothermal and adiabatic processes in the heat liberation of concrete. I. D. Zaporozhets. *Trudy LPI* no. 257:67-77 '65.
- Portioning of hydraulic engineering concrete with reduced heat liberation. I. D. Zaporozhets, S. D. Okorokov, A. A. Paritskii. *Trudy LPI* no. 257:59-66 '65.

CONCRETE BEAMS

- Calculating for torsion I-beams with varying wall thickness by the displacement method. A. V. Aleksandrov. *Trudy MIT* no. 194:220-227 '66.

CONCRETE BRIDGES

- See Bridges, Concrete

CONCRETE COLUMNS

- See Columns, Concrete

CONCRETE CONSTRUCTION

- (See also subdivision under Novovoronezhskiy Atomic Power Plant)

- Sealing of the section joints of discharge channels by means of concrete spraying. L. V. Butovich, L. Voller, M. M. Orlov. *Energ. stroi.* no. 46:3-11 '64.

CONCRETE CONSTRUCTION—FORMWORK

- Effect of heat treatment in a hermetic form on the strength of various binding agents. N. I. Gorshkova, A. A. Andriaga. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 9 no. 1:101-104 '65.

CONCRETE DAMS

- Temperature regime of large dams in the miscellaneous divisions in blocks of concreting. P. I. Vasil'ov. *Trudy LPI* no. 257:11-17 '65.

CONCRETE FLOORS

- See Floors, Concrete

CONCRETE MIXERS

- System of automatic measuring of materials in concrete mixing equipment. A. B. Minin, V. A. Fateev. *Mekh. stroi.* 22 no. 4:8-9 Ap '65.

CONCRETE PIPE

- See Pipe, Concrete

CONCRETE PLANTS

- Plant for precasting and demoulding of large-panel dwelling structures. S. V. Demidov. *Energ. stroi.* no. 2:85-93 '65.

CONCRETE PRODUCTS

- Kazakova, O. S., and B. V. Konlav. [Course and diploma project for a major in "Manufacture of concrete and reinforced-concrete products and elements for prefabricated construction"] Kursovoe i diplomnoye proektirovaniye po spetsial'nosti "Proizvodstvo betonnykh i zhelezobetonnykh izdelii i konstruktsii dlia sbornogo stroitel'stva." Pod red. V. I. Sorokera. Moskva, Vysshaya shkola, 1966. 183 p.
- Studying under bending elements, with ordinary reinforcement, prepared of heavy lime concrete. V. N. Gusekov, V. V. Bogdanov. *Sbor. trud. VNIISTROM* no. 4:171-207 '65.
- Use of loess in the manufacture of lime concrete products. M. S. Shvartszaid, E. S. Grodzenskaya. *Sbor. trud. VNIISTROM* no. 4:69-76 '65.

CONCRETE REINFORCEMENT

- Checking the stress and heating temperature of wire reinforcement during its tensioning by the electrothermal method. K. Korenev, R. Shumetko. *Prom. stroi. i inzh. soor.* 6 no. 4:35-37 Ji-Ag '64.
- Effect of prestressing on the carrying capacity of flexible compressed rods. A. A. Svetov. *Det. i zhel.-bet.* 12 no. 3:30-34 Mr '66.
- Experimental determination of the reactions of the cementing of rods. Kh. Popescu. *Sbor. trud. LSI* no. 48:100-105 '65.

CONCRETE REINFORCEMENT—BOND

- Interaction with circumferential concrete of decentralized joints of reinforcement overlapping. G. A. Karev. *Trudy LPI* no. 257:159-165 '65.

CONCRETE REINFORCEMENT—CORROSION

- Method of determining the coefficient. A. Kishonias. *Sbor. trud. LSI* no. 48:106-112 '65.

CONCRETE REINFORCEMENT—FORMWORK

- Prestressed reinforced concrete rings of sectional slabs with reinforcement tensioned by the electric heating method. N. V. Sorokin. *Det. i zhel.-bet.* 12 no. 3:16-19 Mr '66.

CONCRETE REINFORCEMENT—STRENGTH

- Russia (1923- V. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions on using hot-rolled class A-II rod reinforcement made of grades St. 5ps and KSt. 5ps semikilled steel in reinforced-concrete elements] Kazaniya po primeneniiu v zhelezobetonnykh konstruktsiyakh gorishekatannoi sterzhnevoi armatury klassa A-II iz poluspokoimoi stali marok St. 5ps i KSt. 5ps (SN 327-65). Moskva, Stroizdat, 1966. 7 p.

CONCRETE REINFORCEMENT—TENSILE

- Saving steel in reinforced concrete elements of large-panel apartment houses. *Blud. stroi. tekhn.* 27 no. 3:6-7 Mr '65.

CONCRETE REINFORCEMENT—TORSION

- Effect of early drying of concrete on its structure and adhesion to reinforcement. S. N. Korotkov, N. V. Svalchin, R. I. Aronov. *Sbor. trud. VNIISTROM* no. 4:128-141 '65.

CONCRETE REINFORCEMENT—TREATMENT

- Corrosion resistance of the reinforcement in autoclave concrete with binders of the slag of nonferrous metallurgy. G. V. Krasnova, O. I. Rogacheva. *Sbor. trud. VNIISTROM* no. 4:33-43 '65.

CONCRETE REINFORCEMENT—WELDING

- Covering breakdown resulting from the corrosion of stressed reinforcement. E. Shit'man. *Prom. stroi. i inzh. soor.* 6 no. 3:45-47 My-Je '64.

CONCRETE ROOFING

- See Roofing, Concrete

CONCRETE SHIPS

- See Ships, Concrete

CONCRETE SLABS

- Reinforced concrete slabs filled with bars heat-treated for strength. I. A. I. Arkhin. *Energ. stroi.* no. 3:101-105 '65.

CONDENSED MILK

- See Milk, Condensed

CONDENSERS (ELECTRICITY)

- Magnitude of the dielectric absorption factor for different types of condensers. A. T. Oganesian. *Trudy LPI* no. 258:132-137 '65.

CONDENSERS (THERMAL)

- Optimal law governing the charging of condenser batteries. I. V. Fentchev, I. V. Volkov. *Dop. AN URSR* no. 4:477-479 '66.

CONDENSERS (VACUUM)

- Oxide paper for power condensers. L. M. Gullayeva, M. N. Morozova, T. V. Renne. *Trudy LPI* no. 258:125-131 '65.

CONDENSERS (WATER)

- Temperature-frequency characteristics of chlorinated saturation liquids. L. I. Aleksandrova and others. *Trudy LPI* no. 258:106-115 '65.

CONDENSERS (STEAM)

- Some design shortcomings of steam turbine condensers. V. I. Riabtev. *Energetik* 14 no. 5:22 My '63.

CONDITIONED RESPONSE

- Afferent effect of adrenal glands on the higher nervous activity in dogs. N. M. Turubiner. *Probl. endok. i gorm.* 10 no. 2:80-83 Mr-Ap '64.

CONDITIONED REFLEXES

- Conditioned reflexes to verbal stimulants in swine. V. A. Konukhova. *Vest. sel'khoz. nauk* 11 no. 2:103-107 F '66.

- Disorders in the function of the nervous system in dogs with Eck-Paylov venous anastomosis. E. N. Speranskaya, N. F. Baranova. *Fiziol. zhur.* 50 no. 9:1083-1088 S '64.

- Morphological and functional organization of defensive responses evoked by stimulation of the hypothalamus. M. M. Kozlovskaya. *Fiziol. zhur.* 50 no. 10:1218-1226 O '64.

- Problem of the identification of some types of nonprimary responses. M. V. Serbilenko. *Fiziol. zhur.* 50 no. 10: 1296-1299 O '64.

- Structural and metabolic changes in the brain of animals with disorders of higher nervous activity following repeated administration of aminazine. M. M. Aleksandrovskaya, I. A. Geinisman, L. G. Samoilova. *Biul. eksp. biol. i med.* 50 no. 9:80-86 S '64.

CONDUCTOMETRIC ANALYSIS

- Amperometric and indicator methods of titration of nitrites in anhydrous acetic acid. A. P. Kreshkov and others. *Zav. lab.* 32 no. 1:10-12 '66.

- Amperometric determination of bisulphite by means of L-captopolactam. A. I. Busev and others. *Zhur. anal. khim.* 21 no. 4:422-426 '66.

- Chronoconductometric method of analysis of amino acid mixtures with other acids. T. A. Khudjakova, A. P. Kreshkov. *Plast. massy* no. 5:54-57 '66.

- Improvement of the conductometric method of determining nitrogen in steel. I. V. Gushko, B. A. Shumakov. *Zav. lab.* 32 no. 1:14-16 '66.

- Use of high-frequency measurements for the inspection of medicinal substances. B. P. Artamonov, I. V. Iukhrieva. *Farmatsev. zhur.* 10 no. 2:23-32 '64.

CONFECTIONERY—MECHANIZATION

- See subdivision under Erlvan

CONFECTIONERY—TECHNOLOGICAL INNOVATIONS

- See subdivision under Moscow

CONFECTIONERY INDUSTRY

- See subdivision under Tashkent

CONFORMAL MAPPING

- Extended notion of the quasi-conformality of plane mappings and mixed-type linear systems of differential equations. G. A. Kusk, G. D. Suvorov. *Dokl. AN SSSR* 168 no. 2:280-283 My '66.

- A generalization of perfect mappings. Kh. N. Inasayidze. *Dokl. AN SSSR* 168 no. 2:266-268 My '66.

CONGO (LEOPOLDVILLE)—POLITICS AND GOVERNMENT

- Struggle for power in the Congo. B. Piliatskii. *Nov. vrem.* 23 no. 2:13-24 Je '66.

CONGRESSES AND CONVENTIONS

- [Bulletin of international scientific meetings, conferences, and congresses] *Biul. mezhdunar. nauch. s'ezd., konf. i kongr.* no. 2 '66.

CONNECTING RODS

- Design of the connecting rod for a plane-printing machine allowing for its own weight and the forces of inertia. G. M. Iashin. *Sbor. trud. Mosk. tekhn. inst.* no. 8:182-198 '64.

CONNECTIVE TISSUES

- Effect of hydrogen sulfide (Matsugata) baths on the mast cells of connective tissue. V. P. Lavrov, S. I. Kaplan. *Vop. kur., fizioter. i lech. fiz. kul't.* 20 no. 5:447-410 '66.

- Effect of proteinase of streptococcus culture filtrates on the metachromatic substance of connective tissue. I. V. Boletskaia, V. A. Burshtein. *Arkh. pat.* 28 no. 4:73-73 '66.

- Preliminary data on the possible role of the connective tissue during deep hypothermia. R. Laborit and others. *Vest. AN SSSR* 21 no. 5:53-59 '66.

CONODONTS

- See subdivision under Estonia

CONSERVATION OF NATURAL RESOURCES

- See subdivision under Ural Mountains

CONSTITUTIONAL LAW

- Civil rights and liberties in the constitutions of the bourgeois states. M. A. Krutogolov. *Sov. gos. i pravo* 36 no. 5:91-100 My '66.

CONSTITUTIONS

- Akademii nauk SSSR. Institut gosudarstva i prava. [Bourgeois constitutions during the period of the general crisis of capitalism] *Burzhuannye konstitutsii v period obshchego krizisa kapitalizma.* Moskva, Nauka, 1966. 334 p.

CONSTRUCTION EQUIPMENT

- (See also subdivision under Uzbekistan)

- Assembling acoustical ceilings with the help of telescopic and swivel installation machinery. E. V. Patsko. *Mekh. stroi.* 22 no. 4:11-12 Ap '65.

CONSTRUCTION EQUIPMENT (Continued)

Bondarenko, N. A. [Special machinery and mechanisms for railroad electrification used in transportation construction] Spetsializirovannyye mashiny i mekhanizmy dlya elektrifikatsii zheleznitsykh dorog, primenyaemye v transportnom stroitel'stve. Moskva, Mosk. zashch. stroit. tekhn. transport. stroitel'stva, 1965. 77 p.

Khar'kovskii Promstroiniproekt. [Technological equipment and means of small-scale mechanization for assembling and installing structural elements of industrial structures; an album and catalog] Tekhnologicheskaya osnastka i sredstva maloi mekhanizatsii dlya sborki i montazha stroitel'nykh konstruktivnykh promyshlennykh sooruzhenii; al'bom-katalog. Moskva, Stroizdat, 1966. 62 p.

New attachments for building machinery. L. A. Kozlov. Energ. stroit. no. 3:95-106 '65.

New mechanisms for finishing work. V. I. Arzintsev. Stroitel'no-arkhit. Sred. Az. 1 no. 7:21-22 Ji '64.

New system of calculating the operation of construction machinery. M. Trakhtenberg. Stroitel'no-arkhit. Sred. Az. 1 no. 7:8-9, 17 Ji '64.

Pier-constructing equipment. A. A. Malinetski, G. D. Detlin. Mekh. stroit. 22 no. 4:25-26 Ap '65.

Specific level of the mechanization of construction and assembly operations. S. Kolanda, S. Pichugin. Prom. stroit. i inzh. soor. 6 no. 3:37-38 My-Je '64.

CONSTRUCTION EQUIPMENT—ABSTRACTS

[Construction equipment and road machinery] Ref. zhur.: Stroitel'no-arkhit. no. 5 My '66.

CONSTRUCTION EQUIPMENT—MAINTENANCE AND REPAIR

Take a proprietary interest in the machinery. F. Belikov. Stroitel'no-arkhit. Sred. Az. 1 no. 7:18-19 Ji '64.

Universal nomogram for determining requirements in the repair of machinery. I. A. Lulsk. Mekh. stroit. 22 no. 4:23-25 Ap '65.

Use of hard steeling in the repair of construction equipment. V. S. Babii, V. S. Kalinitskii. Trudy Kish. politekh. inst. no. 2:110-113 '64.

CONSTRUCTION INDUSTRY

(see also subdivision under Alma-Ata; Latvia; Lithuania; Moscow; Soviet Central Asia; Uzbekistan; White Russia)

All-Union Conference on the Application of Modern Physics to Construction. I. U. S. Lenchevskii. Blul. stroit. tekhn. 27 no. 3:46-48 Mr '65.

Along the way pointed out by the party. M. Posokhin. Arkhit. SSSR no. 3:3-10 '66.

Automation and radioelectronics in the construction industry. A. I. Shepetaev. Mekh. stroit. 22 no. 4:2 of cover - 5 Ap '65.

Builders' militant program. Stroitel'no-arkhit. 14 no. 4:1-2 Ap '66.

Honorable duty of builders. A. Vishnevskii. Na stroit. Ros. 7 no. 4:1-2 Ap '66.

How a house is built. F. Samoilov. Otkrytiye 42 no. 5:165 My '65.

Improving the quality and supply of reinforced concrete panels for housing construction. N. S. Bartshevskii. Stroitel'no-arkhit. Sred. Az. no. 6:24 Je '65.

In the Ministry of Construction of the R. S. F. S. R. Na stroit. Ros. 7 no. 4:30 Ap '66.

In the State Committee on Construction of the Council of Ministers of the U. S. S. R. Blul. stroit. tekhn. 27 no. 3:30-31 Mr '65.

In the State Committee on Construction of the R. S. F. S. R. Blul. stroit. tekhn. 27 no. 3:33-35 Mr '65.

In the State Committee on Construction of the R. S. F. S. R. Na stroit. Ros. 7 no. 4:31 Ap '66.

In the State Committee on Public Construction and Architecture of the State Committee on Construction of the U. S. S. R. Blul. stroit. tekhn. 27 no. 3:31-33 Mr '65.

Inspiring prospects. Arkhit. SSSR no. 3:1-2 '66.

List of normative documents on design and construction annulled by the State Committee on Construction of the Council of Ministers of the U. S. S. R. in the fourth quarter of 1964. Blul. stroit. tekhn. 27 no. 3:3 of cover Mr '65.

List of normative documents on design and construction approved by the State Committee on Construction of the Council of Ministers of the U. S. S. R. in the fourth quarter of 1964. Blul. stroit. tekhn. 27 no. 3:3 of cover Mr '65.

New estimate norms for construction work (Part 4 of the Construction specifications and regulations). M. A. Turianskii. Blul. stroit. tekhn. 27 no. 3:27-30 Mr '65.

Overall mechanization of construction and assembly work in 1965. V. V. Semkovskii. Blul. stroit. tekhn. 27 no. 3:24-27 Mr '65.

Problems of the construction industry. K. K. Smirnov. Stroitel'no-arkhit. Sred. Az. no. 6:1-3 Je '65.

Quarterly differential of the indices in the planning of construction work. V. A. Keldan. Izv. vys. ucheb. zav., stroit. i arkhit. 9 no. 3:63-70 '66.

CONSTRUCTION INDUSTRY—ACCOUNTING see subdivision under Alma-Ata; Tatar A. S. S. R.

CONSTRUCTION INDUSTRY—CONGRESSES

All-Union Conference on the Construction of Enterprises in the Metallurgical Industry. A. Abzyov. Prom. stroit. i inzh. soor. 5 no. 6:58-61 N-D '63.

Conference of young scientists. G. I. Knigina. Izv. vys. ucheb. zav.; stroit. i arkhit. 9 no. 2:150-151 '66.

CONSTRUCTION INDUSTRY—EQUIPMENT AND SUPPLIES

High-grade technology for assembly work. V. Kurenkov. Inform. blul. VDNKH no. 5:1-15 My '66.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Ukraine)
[Instruction on the establishment of norms for the working capital of state contracting construction organizations] Instruksia o normirovanii oborotnykh sredstv gosudarstvennykh podriadnykh stroitel'nykh organizatsii. Izdanie ofitsial'nogo. Moskva, Stroizdat, 1966. 70 p.

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Calculating the gain in labor productivity as a result of improving the standard of mechanization. V. A. Balakin. Mekh. stroit. 22 no. 4:18-17 Ap '65.

Improvement of technical norms and the organization of wages are prerequisites for increasing labor productivity. L. V. Pobedinskii. Stroitel'no-arkhit. 10 no. 4:29-31 Ap '65.

CONSTRUCTION INDUSTRY—MANAGEMENT see subdivision under Kazakhstan; Moscow; Uzbekistan

CONSTRUCTION INDUSTRY—QUALITY CONTROL

Strengthen the control of the quality of construction. Blul. stroit. tekhn. 27 no. 3:3-4 Mr '65.

CONSTRUCTION INDUSTRY—SCHEDULING

(see also subdivision under Uzbekistan)
Construction of a combined petroleum refining plant using graphic work schedules. A. G. Moskovtsev, A. I. Pichugin. Stroitel'no-arkhit. Sred. Az. no. 6:16-19 Je '65.

Present-day methods of production planning and control must be used in the construction of enterprises of the petroleum and gas industries. N. M. Zubov. Stroitel'no-arkhit. Sred. Az. no. 4:1-3 Ap '65.

CONSTRUCTION INDUSTRY—STATISTICS

Udenich, N. V., and N. I. Iakovleva. [Statistics of construction] Statistika stroitel'stva. Moskva, Stroizdat, 1966. 200 p.

CONSTRUCTION WORKERS see subdivision under Timashevskaya District

CONSTRUCTION WORKERS—EDUCATION AND TRAINING

Where the feather grass swayed. Sred. Az. no. 6:13 of cover - 13 Ap '66.

CONSUMERS' GOODS see Russia—Manufactures

CONSUMERS' PREFERENCES

"Consumers do the designing." Tekh. est. no. 2:31 F '65.

What can be gained from the research on applied sociology in industry and commerce? V. Shvili. Tekh. est. no. 2:1-2 F '65.

CONSUMPTION (ECONOMICS)

Oldak, P. G. [Interdependence of production and consumption; criteria and evaluations] Vzaïmosv'яз' proizvodstva i potrebleniia; kriterii i otsenki. Moskva, Ekonomika, 1966. 167 p.

Rakitskii, B. V. [Public consumption funds as an economic category] Obshchestvennye fondy potrebleniia kak ekonomicheskaia kategoriia. Moskva, Mysl', 1966. 180 p.

CONTAINERS

(see also subdivision under Lvov Province)

With the aid of improved containers. N. Sterkin. Mor. flot 24 no. 1:12-13 Ja '64.

CONTENTMENT

Optimism of Soviet people, the builders of communism. M. Akopov. Komm. Ukr. 40 no. 5:18-27 My '66.

CONTINUOUS CASTING

Analysis of the conditions of shrinkage cavity formation in continuous ingots. D. A. Dzhudkin and others. Stal' 26 no. 5:423-424 My '66.

CONTINUOUS FUNCTIONS see Functions, Continuous

CONTRACTS

Arbitration practice. Sov. iust. 30 no. 9:32 My '66.

The civil-law concept of commitments to render services. I. U. Kh. Kalmykov. Sov. gos. i pravo 36 no. 5:116-119 My '66.

CONTRACTS, AGRICULTURAL (see also subdivision under Latvia)

Arbitration and the new contractual agreements. I. Les-nik, L. V. Zvenfeld. Zakup. sel'skhoz. prod. no. 4:38-39 Ap '66.

CONTRACTS, MARITIME

The essence and importance of the maritime contract in the Soviet maritime law. I. Alekseev. Mor. flot 24 no. 1:14-15 Ja '64.

CONTRACTURE

Treatment and prevention of postburn contractures of the shoulder joint. N. E. Povstolov. Khirurgia 42 no. 2: 35-40 F '66.

CONTRAST MEDIA

Catheterization and examination of the left chambers of the heart using contrast media in mitral and aortic defects; a review of literature. A. I. Gusev. Kardiologiya no. 5:71-76 '64.

CONTROL OF NARCOTICS see Narcotics, Control of

CONTROLLERSHIP, COMMUNIST see Auditing and Inspection

CONVALESCENCE

Convalescents as a source of infectious hepatitis incidence. A. V. Kolganov. Zhur. mikrobiol., epid. i immunit. 41 no. 7:63-70 Ji '64.

CONVERTERS

The oxygen-blown converter process in foundries. V. G. Glushchenko, B. N. Ladyzhenskii. Lit. protzv. no. 4:32 Ap '65.

Use of high-strength bolts in the assembly of the steel elements of a standard converter plant. V. Yashil'ev, I. Vishnevskii, L. Tsail'man. Prom. stroit. i inzh. soor. 6 no. 3:28-31 My-Je '64.

CONVERTERS—DESIGN AND CONSTRUCTION see subdivision under Zhdanov

CONVEX SURFACES

Change in the three-dimensional shape of a convex surface as dependent on a change in its metric. E. P. Sen'kin. Ukr. geom. sbor. no. 1:95-97 '65.

Points of relative nonrigidity on a convex surface of revolution. A. D. Milka. Ukr. geom. sbor. no. 1:65-74 '65.

Regular convex surfaces with a regular metric in spaces of constant curvature. A. A. Dubrovina. Ukr. geom. sbor. no. 1:16-27 '65.

Some uniqueness theorems on the congruence of convex surfaces whose outer normals are parallel. A. I. Medvedev. Ukr. geom. sbor. no. 1:58-61 '65.

CONVEYING MACHINERY

Conveying thin plates on a flowing tray. M. A. Kozlovskii. Avtomatiz. protzv. prots. v mashinost. i prib. no. 2:57-61 '65.

Drawing and loading of ores by feeding scraper conveyors. I. A. B. Kal'nitskii and others. Gor. zhur. no. 5:44-47 My '66.

Experimental unit for investigating sticking phenomena in vibratory conveying of flat billets. V. A. Povdaillo, R. I. Mukhamedzhanov. Avtomatiz. protzv. prots. v mashinost. i prib. no. 2:45-48 '65.

Investigating sticking phenomena in vibratory conveying of flat billets. V. A. Povdaillo, R. I. Mukhamedzhanov. Avtomatiz. protzv. prots. v mashinost. i prib. no. 2:49-53 '65.

Shuttle method of conveying in assembly-line construction. I. U. Shevchuk. Zhil. stroit. no. 3:21-23 '64.

Suspension for conveying motor vehicle bodies. V. I. Safonov. Avi. prom. 32 no. 5:39 My '66.

Types of drives securing an asymmetric vibration cycle of a vibratory tray. V. I. Gavriluk. Avtomatiz. protzv. prots. v mashinost. i prib. no. 2:62-65 '65.

CONVEYING MACHINERY—TRANSMISSION DEVICES

Studying the interaction of the belt and drum in the drive of heavy-duty belt conveyors. A. N. Danilov. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:98-101 '66.

COOLING TOWERS

Study of the elements of a precast reinforced concrete cooling tower. N. F. Svirin, G. N. Shorshnev. Sbor. trud. LSI no. 48:40-60 '65.

COOLING TOWERS—DESIGN AND CONSTRUCTION

Build precast reinforced concrete cooling towers at compressor stations. L. I. Pashinin. Stroitel'no-arkhit. Sred. Az. no. 4:33-34 Ap '65.

COOPERATIVE AGRICULTURE see Agriculture, Cooperative

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Kaskelen, Kazakhstan; Semipalatinsk Province; Ukraine; Underdeveloped Areas)

The cooperators' tasks in the new five-year plan. A. Klimov. Sov. potreb. koop. 10 no. 5:2-7 My '66.

The Decembrists at the sources of cooperation in Russia. S. Dneprovskii. Sov. potreb. koop. 10 no. 5:54-59 My '66.

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION

Work constantly with the cooperative society activists. M. Trishchenkov. Sov.potrebn.koop. 10 no.3:17-20 My '66.

COOPERATIVE SOCIETIES—MANAGEMENT

See subdivision under Belgorod District

COPEPODA

See subdivision under Maritime Territory

COPPER

Concentration of copper microimpurities in the agglomerate of Kerch ores and copper determination by means of 2, 2-bis(hydroxymethyl)propane-1,3-diol. N. N. Lapin, A. I. Vovk. Izv. vys. ucheb. zav. i khim. i khim. i tekhn. 9 no.1:27-30 '66.

Copper corrosion in the solutions of caustic soda and ammonia. V. P. Dobrovolskaya, A. N. Gorobets, V. P. Baranik. Khim. prom. 42 no.5:392-394 My '66.

Test for copper in sediments. M. T. Molchadskii. Energetik 14 no.5:33 My '66.

COPPER—ANALYSIS

Complexometric determination of simultaneously present copper and zinc. A. G. Petrenko, B. S. Khristoforov. Metod. izuch. veshch. sost. i ikh prim. no.1:59-65 '66.

First spectrum analysis of copper from the articles of the Dnieper and Donets cultural type. E. N. Chernykh. Krat. soob. Inst. arkeol. no.106:66-68 '66.

COPPER—METALLURGY

See subdivision under Almaty (Uzbekistan)

COPPER, EFFECT OF TEMPERATURE ON

Effect of electrolyte temperature on the texture of copper deposited under various current densities. A. V. Leonov. Izv. vys. ucheb. zav. i khim. i khim. i tekhn. 9 no.1: 98-100 '66.

COPPER ALLOYS—HEAT TREATMENT

Self-diffusion of atoms in the surface layer of two-component alloys according to data on the kinetics of scratch healing. I. A. E. Geguzin, N. N. Ovcharenko, O. N. Rusovskaya. Fiz. met. i metalloved. 21 no.4:538-540 Ap '66.

COPPER-ALUMINUM ALLOYS

See Aluminum-copper alloys

COPPER-ALUMINUM-LITHIUM ALLOYS

See Aluminum-copper-lithium alloys

COPPER-ALUMINUM-MAGNESIUM ALLOYS

See Aluminum-copper-magnesium alloys

COPPER CHLORIDES

Reaction of copper (II) chloride with H-tricetyl ammonium hydrochloride. N. V. Fedorenko, T. I. Ivanova. Zhur. neorg. khim. 11 no.4:760-763 Ap '66.

COPPER COMPOUNDS

Cation complexes of silver and copper (II) with ethylenediamine Schiff bases. E. Hoyer, V. V. Skopenko. Zhur. neorg. khim. 11 no.4:803-809 Ap '66.

Chemical compound of copper phosphate and arsenate with thioacetamide. A. Akhmedov, I. G. Drazhinin, T. Toktobekova. Zhur. ob. khim. 35 no.5:784-787 My '66.

COPPER COMPOUNDS—SPECTRA

Electron paramagnetic resonance spectra of catalytically active chelate complexes of copper. V. F. Anufrienko, E. K. Mamayeva, N. P. Kefer. Dokl. AN SSSR 168 no.1:116-119 My '66.

COPPER COMPOUNDS, EFFECT OF RADIATION ON

Photolysis of some copper compounds. G. A. Shagisultanova, L. A. Il'kovich. Zhur. neorg. khim. 11 no.4: 945-947 Ap '66.

COPPER CRYSTALS

Effect of the orientation, size, surface state, and alloying of filamentary copper crystals on the shape of a diagram of deformation by uniaxial tension. S. Z. Bokshtein, S. T. Kishkin, I. L. Svetlov. Fiz. tver. tela 8 no.3: 688-693 Mr '66.

COPPER ELECTRODES

See Electrodes, Copper

COPPER FERRATES

Structural features of copper ferrite CuFe_2O_4 . A. A. Shchepetkin and others. Dokl. AN SSSR 168 no.3: 640-642 My '66.

COPPER IN THE BODY

Effect of feed biotin on the change in the weight of rabbits and the content of copper in their tissues. A. V. Korneiko. Uch. zap. Viteb. vet. inst. 16:253-258 '64.

COPPER-IRON-NICKEL ALLOYS

Structural characteristics of copper-iron and copper-nickel filamentary crystals. S. A. Ammer and others. Fiz. tver. tela 8 no.3:702-706 Mr '66.

COPPER METABOLISM

Ceruloplasmin activity as an index of copper metabolism in diseases of the liver. M. A. Borisova. Lab. delo no.4:214-215 '66.

COPPER MINES AND MINING

See subdivision under Armenia; Ural Mountains

COPPER ORES

See subdivision under Dashkesan District; Nikolayevka region (Altai Territory); Ural Mountains

COPPER SILICATES

X-ray diffraction study of the systems $\text{CaO} - \text{SiO}_2$ and $\text{Cu}_2\text{O} - \text{SiO}_2$. V. M. Us'iantsev, L. P. Sudakova, A. F. Bessanov. Zhur. neorg. khim. 11 no.5:1177-1182 My '66.

COPPER SULFIDES

Using hydrogen peroxide for the separate determination of primary and secondary copper sulfides. M. I. Timerbulatova, B. S. Khristoforov. Metod. izuch. veshch. sost. i ikh prim. no.1:113-117 '66.

COPPER-TITANIUM ALLOYS—TESTING

Studying mechanical properties and relaxation stability of copper-titanium alloys. V. I. Zubov and others. Izv. vys. ucheb. zav. i tekhn. 9 no.2:129-134 '66.

COPYRIGHT—MOTION PICTURES

Landkof, S. N. [Motion-picture copyright; lectured for students] Kinoskopskoe pravo; lektsii dlia studentov. Kiev, In-t narodnogo khoz., 1963. 129 p. (CS-11)

COPYRIGHT—PERFORMING RIGHTS

Ikhvanov, U. K. [Authorship rights to works in the fine arts] Prava avtorov proizvedenii izobrazitel'nogo iskusstva. Moskva, Iuridicheskaya literatura, 1966. 143 p.

CORDERITE

See subdivision under Krivoy Rog Basin

CORE DRILLING—EQUIPMENT AND SUPPLIES

Some problems in the development of a heat-resistant electronic circuit for the side-core drilling equipment. A. G. Melnikov, V. I. Neriakov. Za tekhn. prog. 4 no.12: 1-4 D '64.

CORES (ELECTRICITY)

Q-factors of a nonlinear stage with a magnetically biased ferrite core. A. A. Tudorovskii, N. G. Kharatishvili. Izv. vys. ucheb. zav. i radiotekh. 9 no.2:239-241 Mr-Ap '66.

CORIANDER

See subdivision under Kirovograd Province

CORN (MAIZE)

(See also subdivision under Moldavia)

Development of the root system of corn varieties and hybrids. M. B. Abenav. Vest. sel'khoz. nauki (Kazakh.) 9 no.4:110-114 Ap '66.

Effect of monoculture of corn and sugar beets on the development of micro-organisms of the soil and of these plants. M. B. Petrenko, V. V. Hushchenko. Mikrobiol. zhur. 25 no.3: 44-48 '66.

Experience in the growing of sweet corn. N. M. Rusin. Kons. i ov. prom. 21 no.5:27-28 My '66.

Formation of corn crops in the non-Chernozem zone. V. S. Shevelukha, E. L. Mukhina. Vest. sel'khoz. nauki 11 no.2:53-57 F '66.

Overall protection of corn. M. Khodanovich. Zashch. rast. 11 no.5:29-30 '66.

CORN (MAIZE)—ANALYSIS

Hygienic characteristics of corn and of certain other agricultural crops treated with the herbicide atrazine. G. P. Vasilina. Vop. pit. 23 no.4:3-7 Ji-Ag '61.

CORN (MAIZE)—DISEASES AND PESTS

(See also subdivision under Kazakhstan; Krasnodar Territory)

Efficacy of the combined use of organochlorine insecticides in controlling wireworms in corn fields of the North Ossetian A. S. S. R. E. V. Arutunova. Zap. LSKH 93:20-25 '65.

CORN (MAIZE)—DROUGHT RESISTANCE

Use of chemicals for increasing the drought and heat resistance of plants. N. A. Satarova, E. K. Chernavskaya. Agroklimatika no.5:107-114 My '66.

CORN (MAIZE)—FERTILIZERS AND MANURES

See subdivision under Azov Sea region; Ukraine

CORN AS FEED

Substituting corn silage for hay in sheep rations. T. I. Sarbasov, V. V. Kalinin. Vest. sel'khoz. nauki (Kazakh.) 9 no.4:113-116 Ap '66.

CORN PLANTERS (MACHINES)

Mechanization of the single-need planting of corn. V. Chapljev. Tekh. i sel'khoz. 28 no.4:9-11 Ap '66.

CORN PRODUCTS

Automatic oil sprayer for coating corn sticks. I. E. Ivanov. Kons. i ov. prom. 21 no.5:22-24 My '66.

CORNEA—DISEASES

Course of aseptic inflammation of the cornea under the effect of beta particles of radioactive thallium (^{204}Tl). Experimental study. Med. rad. 9 no.4:11-16 Ap '64.

CORONA (ELECTRICITY)

Network for the automatic registration of coronal losses in an experimental 750-1000 kv. overhead power transmission line span of the M. I. Kalinin Polytechnical Institute in Leningrad. A. N. Tushnov. Trudy LPI no.258:15-20 '65.

CORONARY HEART DISEASE

Coronary insufficiency in toxic goiter. E. L. Kilinskii, L. S. Slavina. Probl. endok. i gorm. 12 no.3:34-38 My-Je '66.

Early manifestations of disorders of blood circulation in the heart. M. S. Brunshteyn, A. M. Golubev, N. M. Potashnik. Arkh. pat. 28 no.3:34-38 '66.

Effect of diet and individual test meals on the cardiac activity of patients with coronary atherosclerosis; vector-cardiographic data. V. A. Trangenizer. Vop. pit. 23 no.4:39-35 Ji Ag '64.

Effect of health resort treatment on electrocardiographic and ballistocardiographic indices in atherosclerotic cardiosclerosis. M. N. Portsovskii. Sov. med. 28 no.3: 34-37 S '64.

Effect of reserpine and dimacoline on the lipid and protein metabolism in hypertension and coronary atherosclerosis. P. M. Savanov. Sov. med. 28 no.5:31-34 S '64.

Effectiveness of the compound treatment of chronic coronary insufficiency at sanatoriums and health resorts. O. I. Bezuglaia. Vop. kur. i fizioter. i lech. fiz. kul't. 29 no.5:39-39 S-O '64.

Surgical treatment of acute coronary insufficiency. V. P. Burchenko. Grud. khir. 8 no.2:15-20 Mr-Ap '66.

Treatment of coronary insufficiency with pastinacin. P. I. Bezruk and others. Sov. med. 28 no.5:64-67 S '64.

CORONARY VESSELS

Comparative effect of erythroside and strophanthin on the intensity of the coronary blood flow. Zh. A. Lutselskaya, P. I. Bezruk, M. A. Angarskaya. Farm. i toks. 29 no.2:160-163 Mr-Ap '66.

Effect of the alkaloid triacanthine on the coronary blood circulation and the oxygen consumption by the myocardium. K. Kh. Khaldarov. Farm. i toks. 29 no.2: 184-186 Mr-Ap '66.

Reflex effects on the coronary vessels from the chemoreceptors of some vascular zones. V. I. Ovsannikov. Fiziol. zhur. 52 no.5:534-540 My '66.

CORONARY VESSELS—DISEASES

Use of various baths in the treatment of atherosclerosis of the coronary vessels. L. A. Terent'eva and others. Vop. kur. i fizioter. i lech. fiz. kul't. 29 no.5:464-465 S-O '64.

CORPORATE LEGAL DEPARTMENTS

See subdivision under Leningrad

CORPULENCE

Excessive nutrition, obesity and cancer: survey of the literature. A. A. Dinerman. Vop. pit. 23 no.4:81-86 Ji-Ag '64.

CORRELATION (STATISTICS)

Determination of work consumed for the repair of equipment of blast furnace plants, using mathematical methods. I. G. Vendrov, L. V. Boguslavskii. Stal' 26 no.5:465-468 My '66.

Experimental determination by statistical methods of technological lagging in ore dressing plant equipment. V. I. Braun, V. S. Protasov. Izv. vys. ucheb. zav. i tekhn. 9 no.2:171-174 '66.

CORRESPONDENCE SCHOOLS AND COURSES

A conference on educational methods used in the correspondence schools of law. O. F. Shishov. Sov. gos. i pravo 36 no.5:133-134 My '66.

CORROSION AND ANTICORROSIVES

Corrosion testing of certain structural metals in the aluminum ammonium alum medium. N. P. Abaljan, R. A. Kropivinskaya. Khim. i nef. mashinostr. no.5: 17 My '66.

Effect of acrylonitrile on the kinetics of dissolution of steel in hydrochloric and sulfuric acids. E. N. Chikolova, I. N. Pavlova. Zhur. prikl. khim. 39 no.8:1761-1765 Ag '65.

Effect of hydrogen-ion concentration on the work of the pairs of differential aeration. V. P. Gladysheva, A. I. Shatlov. Izv. vys. ucheb. zav. i khim. i khim. i tekhn. 9 no.1:48-52 '66.

8-mercaptoquinoline and 8-hydroxyquinoline as inhibitors of steel, cast-iron and copper corrosion in acid media in presence of ammonium ions. V. P. Dobrovolskaya, T. G. Neznanova, V. P. Baranik. Izv. vys. ucheb. zav. i khim. i khim. i tekhn. 9 no.1:144-147 '66.

Enemy of combat readiness. M. Shluger. Tekh. i voeruzh. 24 no.4:44-49 Ji '66.

Search and incalcinate. A. Lipin, N. Golovkina, N. Matveeva. Tekh. i voeruzh. 24 no.4:63-68 Ap '66.

CORROSION AND ANTICORROSIVES (Continued)

Vinarskii, V. L. [Polymer varnish and paint anticorrosive coatings for structural elements; practices of the "Ukrmontazhkhimzashchita" Trust] Polimernye lakokraskovye antikorrozivnye pokrytiia stroitel'nykh konstrukttsii; opyt tresla "Ukrmontazhkhimzashchita," Moskva, Stroizdat, 1965. 13 p.

[MICROFILM]

CORROSION-RESISTANT MATERIALS

Valve for corrosive gases and liquids. A. I. Subbotin, Zav. lab. 32 no. 1:122-123 '66.

CORTICOSTEROIDS

Effect of Nad-H₂ and potassium ascorbate on the biosynthesis of corticosteroids by homogenates of pig adrenal cortex. I. U. A. Pankov, Vop. med. khim. 12 no. 3:280-284 My-Je '66.

Kovanev, V. A. [Corticosteroids in modern anesthesia] Kortikosteroidy v sovremennom obozbovnanii. Moskva, Meditsina, 1966. 252 p. (DNLN)

Relation of the postoperative course to the corticosteroid secretion in patients with peptic ulcer. I. U. M. Polous, Klin. khir. no. 7:35-39 '65.

CORTICOSTEROIDS—THERAPEUTIC USE

Hazards and complications in the use of corticosteroids in surgery. M. I. A. Radtsap, V. S. Silvestrov, Vest. khir. 86 no. 4:31-34 Ap '66.

Hypothalamus-neurohypophysis-adrenal cortex system during prolonged corticosteroid therapy. N. K. Bogdanovich, E. V. Fleishman, Arkh. pat. 28 no. 4:16-24 '66.

CORTIN

Afferent impulses from the carotid sinus region stimulated by cortin and adrenocorticotropic hormone. G. I. Butko, Dokl. AN BSSR 10 no. 5:352-355 My '66.

CORTISOL

Binding of hydrocortisone by the plasma of estrogenized guinea pigs. N. A. Ridaev, V. B. Rozen, A. S. Mikosha, Probl. endok. i gorm. 10 no. 2:73-76 Mr-Apr '61.

Hydrocortisone metabolism and adrenocortical function in cardiac insufficiency. G. A. Klimenko, O. I. Sergeev, Kardiologiya 4 no. 2:16-24 Mr-Apr '64.

CORTISONE

Effect of cortisone on some immunological indices in experimental streptococcal infection in rabbits. N. G. Busygina, Pat. fiziol. i eksp. terap. 10 no. 2:83-84 Mr-Apr '66.

Effect of cortisone on water metabolism in dogs under normal conditions and in experimental pathology of the liver. T. S. Sukkeldtze, Fiziol. zhur. 52 no. 5:583-594 My '66.

Effect of levomycetin and cortisone on immunological processes. A. F. Podlevskii, Zhur. mikrobiol., epid. i immun. 41 no. 8:59-64 Ag '64.

Spectrophotometric and photoelectrocolorimetric determination of cortisone acetate and its medicinal forms with 2, 3, 5-triphenyltetrazolium chloride. L. I. Kovalenko, Farmateev. zhur. 20 no. 3:17-23 '65.

CORTISONE—PHYSIOLOGICAL EFFECT

Age-related characteristics of the effect of cortisone on skin proteins. V. N. Nikitin, I. U. A. Moroz, Fiziol. zhur. 51 no. 2:259-262 F '65.

Changes in the inhibitory effect of cortisone on the reparative process depending on the dose. A. I. Bukhonova, Probl. endok. i gorm. 12 no. 3:88-93 My-Je '66.

Effect of cortisone on the development of tuberculin allergy: experimental study. V. I. Ermolov, K. L. Volchenko, Probl. tub. no. 5:75-78 '64.

Effect of cortisone on the protein composition of lymph and blood in autoimmunized dogs. M. M. Minchaev, Probl. endok. i gorm. 12 no. 3:93-97 My-Je '66.

CORUNDUM

Vibroginding and washing of industrial alumina. I. S. Kalinavskii, A. G. Karaulov, G. E. Gnatuk, Ogneupory 31 no. 5:46-51 '66.

CORYNEBACTERIUM

Characteristics of the carrier state in experimental ocular diphtheria caused by Corynebacterium diphtheriae in association with pathogenic cocci. Report No. 2: Genetic analysis of changes in the diphtheria bacteria. E. V. Bakulina, Zhur. mikrobiol., epid. i immun. 41 no. 8:64-70 Ag '64.

Distribution and the biological properties of diphtheria pathogen depending on different immunological structures of the population. N. K. Kravchenko and others, Zhur. mikrobiol., epid. i immun. 43 no. 4: 43-48 Ap '66.

Intracytoplasmic membrane spectra in Corynebacterium diphtheriae. I. Sh. Vaisman, P. S. Barban, Izv. AN SSSR, Ser. biol. no. 3:440-448 My-Je '66.

State of antitoxic immunity in Corynebacterium diphtheriae carriers. N. L. Sukhorukova and others, Zhur. mikrobiol., epid. i immun. 43 no. 4:39-43 Ap '66.

CORYNEBACTERIUM—CULTURES AND CULTURE MEDIA

First results of the trial of a dry elective quinosol medium for the microbiological diagnosis of diphtheria. P. I. Buchla, E. K. Plotnikova, Zhur. mikrobiol., epid. i immun. 41 no. 8:130 Ag '64.

COSMIC PHYSICS

Pikel'ner, S. B. [Fundamental of cosmic electrodynamics] Osnovy kosmicheskoi elektrodinamiki. Izd. 2., perer. i dop. Moskva, Nauka, 1966. 407 p.

COSMIC RADIATIONS, RADIO-FREQUENCY

Additional absorption of cosmic radio-frequency radiation in the ionosphere during the ionospheric disturbance of 18.4. 1965. V. V. Belikov, E. A. Belikov, Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:389-400 '66.

Elliptic polarization of the radiation from the Crab nebula. E. G. Mychelkin, K. G. Dzhalasheva, Dokl. AN SSSR 168 no. 2:304-307 My '66.

Observations of intensity fluctuations in the radio emission from the quasar source 3C-48 based on inhomogeneities of interstellar plasma. V. V. Vitkevich, T. D. Antonova, V. I. Vlasov, Dokl. AN SSSR 168 no. 1:55-58 My '66.

COSMIC RADIATIONS, RADIO-FREQUENCY—SCATTERING

Frequency shift in the scattering of radio-frequency radiation by a turbulent sea surface. A. D. Rozenberg, I. E. Ostrovskii, A. I. Kalmykov, Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:234-240 '66.

COSMIC RAYS

Dynamic dissipation of magnetic energy near the neutral line of a magnetic field. S. I. Syrovatskii, Zhur. eksp. teor. fiz. 50 no. 4:1133-1147 Ap '66.

COSMOGONY

[Stars and the universe. Participants in the discussion: V. A. Ambartsumian and others] Zvezdy i vsemirnaia. V besede uchastvuiut: V. A. Ambartsumian i dr. Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauka, tekhnika. IX Seriya: Fizika, matematika, astronomiya, no. 10)

COSMOLOGY

Fridman, A. A. [Selected works] Izbrannye trudy. Pod red. L. S. Polaka. Moskva, Nauka, 1966. 482 p. (Klassiki nauki)

COST ACCOUNTING

New instructions for planning, accounting, and calculating the cost of production. N. Ivanov, N. U. Uev, Bukh. uch. 21 no. 12:59-65 D '64.

Zarudnyi, N. N., and Kravt'shchikov, D. S. [Accounting in an industrial enterprise; accounting for the cost of production] Bukhgalterskii uch. v promyshlennom predpriatii; uch. proizvodstvennykh zatrat. Moskva, Finansy, 1966. 154 p.

COST AND STANDARD OF LIVING

(see also subdivision under Granov, Ukraine; Uzbekistan)

More attention to the living conditions of geologists. I. I. Kirilukhin, Razved. i okh. nedr. 31 no. 9:56-57 S '66.

COSTS, INDUSTRIAL

Study of cost dynamics of incomparable products. V. Kalinichenko, Vest. stat. no. 3:34-44 '66.

Zhadov, V. P., and V. F. Kotov, [Planning for the cost of industrial production according to the factors involved] Planirovanie sebstoimosti promyshlennoi produktii po faktoram. Moskva, Ekonomika, 1966. 141 p.

COSTUME DESIGN

Application of stereophotogrammetry in anthropometric research. V. D. Pukhov and others, Shvein. prom. no. 2:22-25 Mr-Apr '66.

COSTUME DESIGN—STUDY AND TEACHING

Observance of aesthetics. N. I. Ropakov, N. I. Riazantsev, Shvein. prom. no. 2:20-21 Mr-Apr '66.

COTTON

Halogen content in cotton. D. Ashirov, A. K. Nosov, Izv. AN Turk. SSR, Ser. biol. nauk no. 2:83-84 '66.

COTTON—DEFOLIATION

Effect of the time of defoliation on carbohydrate metabolism in the cotton fiber. A. I. Immanuel, P. K. Bar'etas, Fiziol. rast. 13 no. 1:55-62 Ja-F '66.

COTTON—FERTILIZERS AND MANURES

(see also subdivision under Fergana Valley; Soviet Central Asia; Tajikistan)

Assimilation of zinc, cobalt, and molybdenum by cotton. A. N. Gufakhmedov, N. A. Agayev, Vest. sel'khoz. nauki [Kazakh.], 9 no. 4:107-110 Ap '66.

COTTON—GRAFTING

Changes in the activity of oxidizing enzymes in hybrid cotton plants. E. Kh. Uzunbaev, Vest. AN Kazakh, SSR 22 no. 4:81-83 Ap '66.

COTTON—PACKING see subdivision under Soviet Central Asia

COTTON BREEDING

Changes in the activity of oxidizing enzymes in hybrid cotton plants. E. Kh. Uzunbaev, Vest. AN Kazakh, SSR 22 no. 4:81-83 Ap '66.

Controlled combination of economically valuable indices in cotton. I. A. Kalontarov, Vest. sel'khoz. nauki 11 no. 2:35-37 F '66.

COTTON FINISHING

Method for fast dyeing and simultaneous crease-resistant finishing of cotton fabrics. L. S. Shmeleva and others, Tekst. prom. 26 no. 5:78-80 My '66.

COTTON GINS AND GINNING

Machine picking of Soviet fine-fibrous cotton varieties, and their processing in gins. S. D. Baltabaev, Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:37-42 '66.

COTTON GROWING see subdivision under Andizhan Province; Soviet Central Asia

COTTON MANUFACTURE

(see also subdivision under Baku)

[Design of cotton spinning factories] Proektirovanie khlopokopriadil'nykh fabrik. [By] A. V. Teriushnov i dr. Moskva, Legkaya industriya, 1965. 564 p. fold. diagr. (insert)

Pneumatic conveying of cotton. E. D. Potapov, Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:140-144 '66.

Utilization of low grade cotton in the Ozerk "Rabochii" Cotton Combine. N. P. Drozdov, Tekst. prom. 26 no. 5:50-55 My '66.

COTTON MANUFACTURE—MANAGEMENT

(see also subdivision under Kalinin)

Andreev, M. A. [Organization and planning for the finishing production in the cotton manufacturing industry] Organizatsiia i planirovanie otdekhovogo proizvodstva khlopokobumazhnoi promyshlennosti. Izd. 2., perer. i dop. Moskva, Legkaya industriya, 1966. 433 p.

COTTON-PICKING MACHINERY

Machine picking of Soviet fine-fibrous cotton varieties, and their processing in gins. S. D. Baltabaev, Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:37-42 '66.

COTTON WILT

Physiologically active substances in cotton verticilliosis. K. T. Sukhorukov, V. V. Filippov, N. A. Shadimova, Dokl. AN SSSR 168 no. 2:470-472 My '66.

COTTONSEED OIL—ANALYSIS

Content of fatty acids and phospholipids in cottonseed oil. V. Matevosian, Prom. Arm. 9 no. 2:56-58 F '66.

COUMARIN

Relation between the structure and the spasmolytic activity in the series of derivatives of coumarin and furocoumarin. I. A. I. Khadzha, G. V. Obolentseva, A. P. Protopenko, Farm. i toks. 20 no. 2:156-163 Mr-Apr '66.

Studying the action of coumarin on Isachenko's bacterium and strain 5170 used in the extermination of murine rodents. D. F. Trakhenov, A. A. Polakov, Trudy VNIIVS 16:342-346 '69.

COUNCIL FOR MUTUAL ECONOMIC ASSISTANCE see Mutual Economic Assistance Council

COUNTING DEVICES

Improving the precision of the performance of meter counters. M. M. Snegirev, Bum. prom. no. 5:10 My '66.

COURLAND LAGOON—ERLS

State of conger eel resources in the Courland Lagoon. K. S. Galgalas, Ryb. khoz. 42 no. 3:12 '66.

COURTS see subdivision under Lithuania; Zhitomir

COWS

Some physiological characteristics of cows with high butterfat percentage. A. S. Gur'tianova, Uch. zap. Viteb. vet. inst. 18:43-48 '64.

COWS—DISEASES AND PESTS

Causes of embryonic abortions in cows. A. A. Uchaev, L. V. Uchaeva, Veterinariia 43 no. 5:74-76 My '66.

Infectious vaginitis in cattle. V. V. Subchenkov, Veterinariia 43 no. 5:78-79 My '66.

Nature and practical significance of changes in the energetic and dynamic activity of the heart and pulmonary gas exchange in traumatic pericarditis. V. V. Varutkov, N. A. Urzachev, V. P. Paderin, Vest. sel'khoz. nauki [Kazakh.], 9 no. 4:116-123 Ap '66.

COWS—FEEDING AND FEEDS see subdivision under White Russia

COWWHEAT

Neurotropic effect of the cowwheat Melampyrum cristatum L. D. N. Lazareva and others, Farm. i toks. 20 no. 2:175-177 Mr-Apr '66.

COXSACKIE VIRUSES

Sporadic encephalitis caused by Cocksackie viruses. B. A. Erman and others. Arkh. pat. 28 no. 4:55-65 '63.

COYPU

Reeds of the Ak-Gel' lakes, their productivity and significance for nutria raising. V. V. Vinogradov. Bot. zhur. 51 no. 2:269-273 F '66.

CRACKING PROCESS

Laboratory installations for carrying out light thermal cracking under static conditions. M. E. Levinter, I. G. Akhmetov. Nefteper. i neftekhim. no. 3:10-13 '66.

Obtaining higher α -olefins by high speed contact cracking of paraffin petroleum derivatives. A. M. Brodskii and others. Neftekhimika 4 no. 6:880-887 N-D '64.

One-contact gasification process. V. V. Patrikeev and others. Zhur. prikl. khim. 38 no. 8:1801-1808 Ag '63.

Redesigning the stabilization block of the catalytic reforming installation. M. P. Klimovskii, M. M. Emel'ianov. Nefteper. i neftekhim. no. 5:3-4 '66.

CRANES, DERRICKS, ETC.

The BK-180. G. Sheling, V. Dronov. Stroi. i arkhit. Mosk. 15 no. 5:10-13 My '66.

Determining the number of warehouse cranes. A. Sukolev, A. Grolanov. Rech. transp. 25 no. 4:27-28 '66.

Efficient set-up for a "dipping" boom. IU. Kharchenko, V. Nikolaev. Prom. stroi. i inzh. soor. 6 no. 3:59-60 My-Je '64.

Efficient use of light aluminum alloys in moving structures. N. Pisanko. Prom. stroi. i inzh. soor. 5 no. 6:36-40 N-D '63.

Grab bucket with a protruding cutting edge. M. Lianger. Rech. transp. 23 no. 2:42 F '64.

High open-type crane trestle. V. Pigulevskii. Prom. stroi. i inzh. soor. 5 no. 6:16-18 N-D '63.

Improvement and standardization of crane operation. L. Maleev. Mor. flot 26 no. 4:15-17 Ap '66.

Installing a TGM-94 boiler unit, using a gantry crane. Energ. stroi. no. 2:29-33 '65.

Movehan, F. F. [Equipment of a study room for operators of tower cranes] Oborudovanie uchebnogo kabineta dlia mashinistov bashennykh kranov. Moskva, Vysshaya shkola, 1966. 46 p.

New BPK-5 pneumatic-wheel tower crane. G. Degilarev. Prom. stroi. i inzh. soor. 5 no. 6:51-53 N-D '63.

Operation of the hydraulic deck crane of the motor ship "Ilysk." M. M. Valdnev. Sudostroenie 56 no. 3:15-17 Mr '66.

Organizing the assembling and disassembling of tower cranes. I. U. Kordonskii. Mekh. stroi. 22 no. 4:15 Ap '65.

CRANES, DERRICKS, ETC.—COLD WEATHER OPERATION see subdivision under Volgograd

CRANES, DERRICKS, ETC.—DESIGN AND CONSTRUCTION

Changing the design for fastening the moving counterweight on the "Ganta" crane. A. Alekseev. Rech. transp. 23 no. 2:43 F '64.

Mechanized continuous line for the production of span girders for bridge cranes. V. S. Markulov, A. D. Gitlevich. Avtom. svar. 19 no. 4:57-60 Ap '66.

Redesigning of bridge cranes. D. S. Volkov, G. A. Dubrovinn. Metallurg 11 no. 5:37-38 My '66.

CRANES, DERRICKS, ETC.—SAFETY APPLIANCES see subdivision under Germany, East

CRANES, DERRICKS, ETC.—TESTING

Dynamic loads of the couplings of multimass chain systems of crane mechanisms during the start. A. A. Garinaeva, S. A. Kazak, O. A. Levishko. Izv. vye. ucheb. zav.; mashinostr. no. 3:96-103 '66.

CRANIAL SUTURES

Diagnosis of Arachnoid endothelioma in premature ossification of cranial sutures. V. M. Mikhailin. Vest. rent. i rad. no. 2:72 '64.

CRANKS AND CRANKSHAFTS

Determining torsional pliability of diesel engine crankshafts. A. T. Bolgov, A. P. Antonov, A. I. Diaglev. Izv. vye. ucheb. zav.; mashinostr. no. 3:115-121 '66.

Some design data on hydraulic turbine shafts. S. A. Filipovich. Energomashinoostroenie 12 no. 4:49-49 Ap '66.

CREATINE

Creatine synthesis in muscles. A. M. Alekseeva, G. G. Arkhangel'skaia. Biokhimiia 31 no. 2:330-333 Mr-Ap '66.

CREATINE KINASE

Creatine kinase in smooth and striated muscle extracts and the effect of papaverine on its activity. E. F. Chetverikova. Biol. eksp. biol. i med. 53 no. 12:45-48 D '64.

CREATIVE ACTIVITIES AND SEAT WORK

How to develop the skill of evaluating their own work and the work of their friends. N. Shibanova. Doshk. vosp. 39 no. 4:44-48 Ap '66.

CREDIT

(See also subdivision under Czechoslovakia)

Credit and the distribution of profit. N. Garstovskii. Dan. i kred. 24 no. 3:26-33 My '66.

Credit resources and planning them under the new conditions. V. Balyrev. Dan. i kred. 24 no. 5:16-25 My '66.

Credits on goods invoices for which are in process of being met. V. Pushkovskii. Dan. i kred. 24 no. 5:30-42 My '66.

Issuing credit for capital expenditures. A. Teterina. Sov. torg. 39 no. 5:17-21 My '66.

CREEP OF CEMENT

Creep of cement hardening in corrosive medium. V. S. Danilushkevich, A. I. Lipovetskii, I. F. Tolstikh. Trudy MNKHGP no. 60:102-104 '65.

CREEP OF CLAY

Method of determining the parameters of the creep of clayey soil not completely water saturated according to the results of tests on undrained soils. N. A. Tsyto-vich, Z. G. Ter-Martirosian. Osn. i fund. i mekh. grun. 8 no. 3:16-18 '66.

CREEP OF CONCRETE

Taking into account the creep of concrete in the calculation of reinforced concrete elements for contraction. T. V. Davydov. Trudy MIT no. 194:126-132 '66.

CREEP OF MATERIALS

Attachment to an IP-4M machine for studying creep in compression. V. P. Dubinin, V. V. Osastuk. Zav. lab. 32 no. 1:104-105 '66.

Creep at variable temperatures. Review. V. A. Likhachev, G. A. Mal'gin. Zav. lab. 32 no. 1:70-85 '66.

Machine with programmed loading for creep testing of materials in a complex stressed state. L. V. Troiankina, I. V. Tsepke. Zav. lab. 32 no. 1:102-104 '66.

CREEP OF METALS

Low temperature creep in lithium in the polymorphic transformation region. I. A. Glinin and others. Fiz. met. i metalloved. 21 no. 4:600-607 Ap '66.

Stability of rod systems in linear creeping. V. D. Potapov. Trudy MIT no. 225:176-183 '65.

CREEP OF STEEL

Effect of compression on the susceptibility to imperfections in steel, in creep conditions. V. I. Nikitin. Fiz. met. i metalloved. 21 no. 4:590-594 Ap '66.

CHESOL

Alkylation of phenols by compounds with the functions. Report No. 12: Catalytic alkylation of o- and p-cresols with butadiene. E. A. Viktorova, N. I. Shukhin, E. A. Karakhanov. Izv. AN SSSR, Ser. khim. no. 5:915-919 '66.

CRETE—WORLD WAR, 1939-1945—AERIAL OPERATIONS, GERMAN

The Crotan air-landing operation. I. Glagolev. Voenn. i zhur. 8 no. 5:120-123 My '66.

CRIME AND CRIMINALS

Luk'inov, IU. A. [I believe in you, man; darlings of a police commissar] Veria v tebia, chelovek; zapiski komissara militsii. [Leningrad] Lenizdat, 1965. 177 p.

CRIME PREVENTION see subdivision under Moscow

CRIMEA—AERONAUTICS, COMMERCIAL

To those flying from the Crimea. V. Shipov. Grazhd. av. 23 no. 6:18 Je '66.

CRIMEA—CLIMATOLOGY, MEDICAL

Sanatorium and climatic treatment of hypertension on the southern shores of the Crimea. V. G. Boksha, Kh. M. Osherovskii, A. B. Ravitskii. Vop. kur., fizioter. i lech. fiz. kul't 29 no. 5:388-394 S-O '64.

CRIMEA—COAST CHANGES

Effect of the tectonic disturbance of Taurian rocks on the development of erosional and sliding processes on the southern coast of the Crimea. IU. D. Matveev. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:77-83 Mr-Ap '66.

CRIMEA—EROSION

Effect of the tectonic disturbance of Taurian rocks on the development of erosional and sliding processes on the southern coast of the Crimea. IU. D. Matveev. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:77-83 Mr-Ap '66.

CRIMEA—GAS, NATURAL—PIPELINES

New gas pipelines in the Crimea. Stroi. truboprov. 10 no. 4:7 Ap '65.

CRIMEA—GEOLOGY

Certain data on the Paleozoic of the Crimea. S. V. Al'bov. Geol. zhur. 24 no. 6:73-78 '64.

CRIMEA—HEALTH RESORTS, WATERING PLACES, ETC.

Effect of health resort treatment on electrocardiographic and ballistocardiographic indices in atherosclerotic cardiosclerosis. M. N. Pertsovskii. Sov. med. 28 no. 9:34-37 S '64.

Sanatorium and climatic treatment of hypertension on the southern shores of the Crimea. V. G. Boksha, Kh. M. Osherovskii, A. B. Ravitskii. Vop. kur., fizioter. i lech. fiz. kul't 29 no. 5:388-394 S-O '64.

CRIMEA—JOURNALISTS

A hasty verdict. V. Shevelev. Sov. rech. no. 5:56-57 My '66.

CRIMEA—PROSPECTING—GEOPHYSICAL METHODS

Practice in geological prospecting during the construction of the Crimean tunnel. V. K. Kumelevskoi. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:84-91 Mr-Ap '66.

CRIMEA—RICE—IRRIGATION

Effect of the leveling and second salinization of soil on the yield of rice. V. N. Ivanov, IU. F. Anichkovskii. Gidr. i mel 18 no. 5:22-24 My '66.

CRIMEA—THENARDITE

New data on thenardite from the Taurian formation of the Crimea. V. A. Suprichkov, S. V. Al'bov. Dop. AN URSSR no. 4:523-526 '66.

CRIMEAN MOUNTAINS—KAIST

Akademii nauk URSSR. Kiev. Instytut geofiziky. [Use of geoelectric studies for the solution of basic problems of kaist in the Crimean Mountains] Prilozhenie geoelektricheskikh issledovani k resheniu osnovnykh problem karsta Gornogo Kryma. [By] V. N. Golovtsov i dr. Kiev. Naukova dumka, 1966. 147 p.

CRIMINAL INVESTIGATION

Carry out the requirements of the law. V. Dement'ev. Sov. iust. 30 no. 9:20 My '66.

CRIMINAL JUSTICE, ADMINISTRATION OF see subdivision under Moldavia

CRIMINAL LAW

(See also subdivision under Lithuania)

Decrees of the Presidium of the Supreme Soviet of the R. S. F. S. R. Sov. iust. 30 no. 9:28 My '66.

Guiding principles of Soviet socialist criminal law. N. I. Zagorodnikov. Sov. gos. i pravo 36 no. 5:65-74 My '66.

CRIMINAL LIABILITY

How to determine the period of limitation for criminal liability. I. Gal'perin. Sov. iust. 30 no. 9:8-9 My '66.

CRIMINAL PROCEDURE see subdivision under Moldavia

CRINOIDEA, FOSSIL—CLASSIFICATION

Taxonomic value of the stems of ancient Crinoidea. G. A. Stokalina. Trudy VSEKGEI 115:210-217 '63.

CRITICAL PATH ANALYSIS

Network planning into practice. V. A. Maslov, N. P. Suprlaga. Vest. protivovozd. obozr. no. 5:32-36 My '66.

CRITICAL POINT

Theory of Brownian motion and its applicability in studying the critical state of a pure substance. M. Sh. Gitterman, M. E. Gertsenshtein. Zhur. eksp. teor. fiz. 50 no. 4:1064-1094 Ap '66.

CROP YIELDS

Crop rotation and crop yield. S. M. Kudharanko, V. F. Zaitchikovskii. Zemledelie 20 no. 4:49-54 Ap '65.

Photosynthesis and problems of increasing the yield of plants. A. A. Nishporovich. Vest. sel'khoz. nauk 11 no. 2:1-12 F '66.

CROP ZONES see subdivision under Azerbaijan

CROPS AND CLIMATE

Amounts of total radiation in the various classes of local weather during the vegetation period. S. B. Mamedov. Izv. AN Azerb. SSR, Ser. geol. -geog. nauk no. 4:130-135 '65.

Use of physical methods for the processing of agroclimatic indexes. M. I. Budyko, L. S. Gindin, N. A. Efimova. Meteor. i gidrol. no. 5:3-10 My '66.

CROTIC ACID

Hydration of α -nitrocrotic ester in an acid medium. V. M. Belikov, IU. N. Bolokov. Izv. AN SSSR, Ser. khim. no. 5:936-937 '66.

CRUCIBLES—DESIGN AND CONSTRUCTION

Crucibles made of boron carbonitride. V. S. Degilarev and others. Ogneupory 31 no. 5:52-53 '66.

Melting crucibles from cerium dioxide. E. G. Ivanov and others. Ogneupory 31 no. 5:27-29 '66.

CRUELTY TO CHILDREN

Throw away the strap... A. Burenkova. Sem'ia i shkola 21 no. 4:19 Ap '66.

CRUSH SYNDROME

Toxic properties of the blood serum in prolonged crushing of soft tissues. V. G. Deinega. Pat. fiziol. i eksp. terap. 10 no. 2:81 Mr-Apr '66.

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

(see also subdivision under Bulgaria)

Crushing Nazarov coal in a hammer mill. P. M. Luzin. Elek. sta. 37 no. 3:35-38 Mr '66.

Determining the optimum circulating load of a ball mill. I. V. Olevskaya. TSvet. met. 39 no. 5:16-18 My '66.

Results of the adjustment of a coal preparatory system with ShMT 1500/3230 mills and inertial separators. V. E. Rapoport, A. A. Kokushkin. Elek. sta. 36 no. 3:21-25 Mr '66.

Tests of shaft mills with radial fuel flow. V. P. Osokin, V. I. Rastapin, V. P. Shabanov. Elek. sta. no. 3:26-28 Mr '66.

Transient processes in a ball mill. E. V. Uteush, Z. V. Uteush. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:165-170 '66.

CRUSHING MACHINERY—DESIGN AND CONSTRUCTION

The 1-URN equipment for crushing oversize rocks. E. I. Kikova, M. A. Volynets, S. N. Mogilal. Gor. zhur. no. 5:51-52 My '66.

CRUSHING MACHINERY—EFFICIENCY

Conditions for an efficient use of cone crushers for fine and intermediate crushing. H. M. Mutszuck, Obog. rud 10 no. 6:33-34 '65.

CRUSHING MACHINERY—TESTING see subdivision under Apaltity region (Murmansk Province)

CRYPTOCOCCUS

Development of the fungus *Cryptococcus farcininosus* Rivolta in the organism of animals. N. A. Spesivtseva. Trudy VNIIVS 16:334-367 '60.

CRYSTAL LATTICES

Character of structural transformations in a deformed Ni + 10% (at.) Mo alloy. A. N. Dubrovina, I. A. S. Uman'skii. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:140-143 '65.

Dependence of grain distribution according to size on the orientation of an Fe+3% Si alloy following primary recrystallization. R. M. Vorob'ev and others. Fiz. met. i metalloved. 21 no. 4:546-550 Ap '66.

Effect of delayed interaction on the exciton spectrum in one-dimensional and two-dimensional crystals. V. M. Agranovich, O. A. Dubovskii. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 9:345-350 My '66.

Energy of vacancy formation and concentration in metals. I. A. Kraftmakher, P. G. Strelkov. Fiz. tver. tela 8 no. 4:1049-1052 Ap '66.

Regions of the coherent rearrangement of the crystal lattice during martensite transformations in iron-nickel alloys. V. I. Arkharov, Z. V. Korotkaseva, N. N. Shehegoleva. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:135-139 '66.

Some problems concerning crystal lattice dynamics and elasticity theory. A. N. Luzin. Zhur. eksper. teor. fiz. 50 no. 4:926-935 Ap '66.

Temperature dependence of the width of the main lattice absorption line in ionic crystals. R. F. Vallis, I. P. Ipatova, A. A. Maradudin. Fiz. tver. tela 8 no. 4:1064-1078 Ap '66.

CRYSTAL LATTICES—THERMAL PROPERTIES

Temperature dependence of a lattice parameter and the intensity of regular X-ray reflections for Au-Ag alloys. V. A. Val'chikovskaya, G. P. Koshits, O. I. Rybalin. Fiz. met. i metalloved. 21 no. 4:519-523 Ap '66.

CRYSTAL LATTICES—VIBRATION

Vibration energy of ordering systems. I. A. Iosilevskii. Fiz. tver. tela 8 no. 3:651-665 Mr '66.

CRYSTAL OPTICS

Identification of hexonium with the aid of crystal optics and microcrystallography. V. T. Pozdnyakova, D. I. U. Rogova'kyi, V. O. Holovkin. Formatsiv. zhur. 20 no. 3:33-36 '65.

CRYSTAL OSCILLATORS see Oscillators, Crystal

CRYSTALLIZATION

Behavior of dissolved gases during the crystallization of aluminum alloys. V. A. Zasyupkin, A. E. Semenov. Allum. splavy no. 4:201-205 '66.

Crystallization of polyurethanes. B. V. Vasil'ev and others. Vysokom. soed. 8 no. 5:938-942 My '66.

Crystallization of strontium-zinc glasses. I. U. G. Shtelnberg, A. N. Belova, I. V. Bochkareva. Zhur. prikl. khim. 38 no. 8:1683-1687 Ag '65.

Electron microscope study of polymer crystallization in the presence of artificial structure-forming agents. T. A. Korotkaya, T. I. Sogolova, V. A. Kargin. Vysokom. soed. 8 no. 5:949-951 My '66.

Formation of nuclei of secondary recrystallization in an Fe+3% Si alloy. G. M. Vorob'ev and others. Fiz. met. i metalloved. 21 no. 4:555-559 Ap '66.

Fusion and crystallization of basalt with some additions. N. M. Pavlushkin, S. A. Kamalian. Trudy MKNIT 10 no. 45:160-164 '64.

Melting diagram of the system NaCl - KCl - Na₂ZrF₆ - K₂ZrF₆. I. N. Shenko, V. T. Mal'tsev, V. I. Suprunchuk. Ukr. khim. zhur. 32 no. 5:461-466 '66.

Physicochemical conditions governing the crystallization of massive ores in the sulfide copper-nickel deposits. G. B. Popova, V. V. Ershov. Geol. rud. mestorozh. 8 no. 1:13-15 Ja-F '66.

Reaction of boron anhydride with barium and lithium fluorides. S. I. Barul', I. N. Nikonova. Zhur. neorg. khim. 11 no. 4:910-915 Ap '66.

Studying the crystallization of molten metals by the ultrasonic method. S. I. Filippov, N. B. Kazakov, L. A. Pronin. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:131-134 '66.

Thermal conditions for obtaining thin-walled products from a melt. V. M. Gol'dfarb and others. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:155-161 '66.

CRYSTALLOGRAPHY

Crystallochemical study of neodymium fluoride pyrohydrolysis. L. R. Batsanova, N. V. Podbereszkaya. Zhur. neorg. khim. 11 no. 5:937-939 My '66.

Crystallochemistry of the cation-exchanged clay minerals: II-hydromen, III-kaolin, and halloysite. E. G. Kukovskii, A. B. Ostrovskaya, E. V. Dzhus. Rent. min. syr. no. 4:144-152 '64.

Diffraction study of the mechanically, thermally, and chemically treated clay minerals. N. P. Vinkhiev. Rent. min. syr. no. 4:153-163 '64.

Sign of a change in the charge radius of the Sn¹¹⁹ nucleus. L. M. Krizhanskii, B. I. Rogozev, G. V. Popov. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 9:362-364 My '66.

Surfaces of beams for elastic waves in crystals. F. I. Fedorov. Dokl. AN BSSR 10 no. 5:301-304 My '66.

Theory of equilibrium antiphase boundaries in ordered solid solutions of the AuCu₃ type. L. E. Popov, E. V. Kozlov, N. S. Golosov. Izv. vys. ucheb. zav.; fiz. 9 no. 2:55-63 '66.

CRYSTALS—DEFECTS

Differences in the variation of the mean phonon frequency in crystals of certain systems due to shearing and longitudinal deformations. B. L. Timan. Fiz. tver. tela 8 no. 4:1279-1281 Ap '66.

Studying the interaction of defects by the method of anomalous X-ray penetration. L. I. Datsenko, O. N. Efremov, A. M. Elitratov. Fiz. tver. tela 8 no. 5:1394-1401 My '66.

CRYSTALS—GROWTH

Epitaxial nature of some inclusions in diamonds. S. I. Futergerdler, V. A. Frank-Kamenetskii. Rent. min. syr. no. 4:97-107 '64.

Skeleton growth of crystals in rocks and ores. S. A. Rudenko. Zap. Vses. min. ob-va 95 no. 2:156-168 '66.

CRYSTALS—SPECTRA

Raman scattering in crystals of rubidium chloride and cesium halides. A. I. Stekhanov, A. P. Korol'kov. Fiz. tver. tela 8 no. 3:920-923 Mr '66.

CRYSTALS, EFFECT OF RADIATION ON

Effect of high pressure on the concentration of free radicals in irradiated molecular crystals. Dzh. N. Anell, A. A. Petrov. Fiz. tver. tela 8 no. 4:1277-1279 Ap '66.

Radiation and the strength of solids. O. A. Troitskii. Priroda 55 no. 5:33-39 My '66.

CUBA—GEOLOGY—INTERNATIONAL COOPERATION

Geologists of the Academy of Sciences of the U.S.S.R. in Cuba. V. I. P'inko. Izv. AN SSSR, Ser. geol. 31 no. 5:120-125 My '66.

CUBA—HISTORIOGRAPHY

Historical science in Cuba. Julio Le Riverend. Nov. i novosti. Ist. no. 3:128-140 '65.

CUBA—MERCHANT MARINE

Cuba builds a fleet of merchant ships. IU. Mamontov. Mor. flot 26 no. 4:41-43 Ap '66.

CUBA—OCEANOGRAPHIC RESEARCH

Oceanographic research of the Soviet-Cuban Marine Expedition. I. M. Belousov and others. Okeanologiya 6 no. 2:379-386 '66.

CUBA—POGONOPHORA

Occurrence of Pogonophora in the southern part of the Gulf of Mexico and in the waters off Cuba. O. Gomez, L. I. Moskalov, F. A. Pasternak. Okeanologiya 6 no. 2:344-346 '66.

CUBAN COMPOSERS see Composers, Cuban

CUBANITE

Cubic cubanite and cubic chalcopyrite. A. D. Genkin and others. Geol. rud. mestorozh. 8 no. 1:41-54 Ja-F '66.

CUBATURE FORMULAE

A minimax problem in the theory of cubature formulae. V. D. Charushnikov. Dokl. AN SSSR 168 no. 1:36-39 My '66.

CUBATURE FORMULAE—STUDY AND TEACHING

Sobolev, S. L. [Lectures on the theory of cubature formulae; course conducted at Novosibirsk State University in the academic year 1964/65] Lektsii po teorii kubaturnykh formul; kurs, prochlennyy v NGU v 1964/65 uch. godu. Novosibirsk, Novosibirskii gos. univ. Pt. 2. 1965. 202 p.

CUCUMBERS

Effect of preplanting heating of seeds on the yield and some physiological processes of cucumber plants. V. Rudakov, K. Petrov, V. Dimitrova. Fiziol. rast. 13 no. 1:171-176 Ja-F '66.

CUCUMBERS—DISEASES AND PESTS

Ascochyta blight of cucumbers in greenhouses. L. I. Demidova. Zap. LSKH 95:191-196 '63.

Olive spot of cucumbers under glass. L. I. Demidova. Zap. LSKH 95:138-143 '65.

CULTURAL PROPERTY, PROTECTION OF—LAW AND LEGISLATION

[From the history of the building of Soviet culture, Moscow, 1917-1918; documents and materials] Iz istorii stroitel'stva Sovetskoi kul'tury, Moskva, 1917-1918; dokumenty i materialy, Moskva, Iskusstvo, 1965. 382 p. (NNC)

CULVERTS

Boldakov, E. V. [Stream crossings] Perekhody cherez vodotoki. Moskva, Transport, 1965. 422 p.

CUMENE

Influence of ionizing radiation on the kinetics of hydroperoxide accumulation in the oxidation of cumene at higher temperatures. Role of impurities contained in the cumene. V. L. Antonovskii, I. A. Kuznetsov, I. A. Mekhrishev. Neftekhimika 4 no. 6:803-808 N-D '64.

CUPOLA FURNACES

Heating of cast iron in a cupola spout. V. P. Bulkin. Lit. proizv. no. 2:8-10 F '64.

Using a cupola furnace with a device for the electric heating of cast iron in the spout. F. N. Tavadze, M. D. Ianchava. Lit. proizv. no. 2:10-12 F '64.

CUPOLA FURNACES—DESIGN AND CONSTRUCTION

Coke gas cupola with a built-in recuperator. I. P. Stantsev, A. I. Iampol'skii. Lit. proizv. no. 2:12-13 F '64.

CUPOLA FURNACES—EQUIPMENT AND SUPPLIES

Automatic control of the charge mixture level in the cupola furnace. L. N. Sobolev. Lit. proizv. no. 2:33-39 F '64.

CURRANTS—DISEASES AND PESTS

Plesioecia rugicollis Fall. as a black currant pest in the northern zone. O. A. Skorikova. Zap. LSKH 95:71-73 '65.

Use of trace element fertilizers and fungicides against Septoria infection of currants. P. Shorenkov. Zashch. rast. 11 no. 5:33 '66.

CURVES

Hyperbolic curves and the least prime quadratic residue. A. I. Vinogradov, I. U. Lianik. Dokl. AN SSSR 168 no. 2:259-261 My '66.

CURVES, ALGEBRAIC

Classes of two conical sections. V. N. Borovik. Ukr. geom. sbor. no. 1:12-15 '65.

Some plane algebraic curves. A. S. Smogorzhevskii, E. S. Stalova. Ukr. geom. sbor. no. 1:98-101 '65.

CUSHING'S SYNDROME

Biosynthesis of steroid hormones in vitro in hormonally active tumors of the adrenal cortex in relation to the clinical picture of the disease. R. f. Skvortsova, V. I. Kertsman. Probl. endok. i gorm. 12 no. 3:19-25 My-Je '66.

Stability of cholesterol binding in cholesterol-protein complexes of the blood serum in Ikenko-Cushing's disease. A. M. Lobanova. Probl. endok. i gorm. 12 no. 3:11-14 My-Je '66.

State of respiratory organs in Ikenko-Cushing's disease; X-ray anatomical comparisons. V. B. Zakharova, A. I. Bukhman. Probl. endok. i gorm. 12 no. 3:7-11 My-Je '66.

Symptom complex of acromegaly and Ikenko-Cushing's disease of primary dienecephalic genesis. E. Z. Gincherman, M. I. Balabokhin. Probl. endok. i gorm. 12 no. 3:3-6 My-Je '66.

CUTTING MACHINES

Drivelsco cutter. B. I. U. Boelko, V. P. Rudomolkin. Avtomatiz. proizv. prots. v mashinostri. prib. no. 2:51-56 '65.

CUTTING MACHINES (Continued)

- LFM-GP-41 ice cutting machine. L. N. Shabashov. Mekh. stroi. 22 no. 4:29 Ap '65.
Machine for cutting blocks of whole meat. R. G. Rudnik. Ryb. khoz. 42 no. 3:61-62 '66.
Mechanized line for herring processing. V. S. Kuleshov, P. A. Borisov. Ryb. khoz. 42 no. 3:63-64 '66.

CYANINE DYES

- Cyanine dyes containing fluorine. Part 13: Thia- and imidacyanine dyes with unsaturated fluorine-containing substituents. L. M. Iagupolskii, N. V. Kondratenko, I. A. Palkov. Zhur. ob. khim. 36 no. 5:828-834 My '66.

CYANOCOBALAMINE

- Increase in the cell resistance of certain frog tissues after the injections of vitamin B₁₂, dimedazole and diazole. E. N. Andreeva and others. TSitologiya 6 no. 4:484-488 Ji-Ag '64.

- Properties of phenol complexes of vitamin B₁₂. A. M. Iurkevich, I. P. Rudakova, T. A. Pospelova. Zhur. ob. khim. 36 no. 5:850-853 My '66.

- Significance of vitamin B₁₂ in the nutrition of experimental animals put on a soya-lactose diet. O. I. Penar. Vop. pit. 23 no. 4:55-56 Ji-Ag '64.

- Stimulating effect of Mycobacterium luteum on the vitamin B₁₂ formation by propionic acid bacteria. L. I. Vorob'eva, N. A. Baranova. Mikrobiologiya 35 no. 2:249-252 Mr-Ap '66.

CYBERNETICS

- Bionics. A. Kelpakov. V mire knig 6 no. 4:14-15 Ap '66.
Philosophical analysis of correlation between semantics and cybernetics. O. I. Kedrovskiy. Filos. probl. such. pryrod. no. 2:120-126 '64.

CYBERNETICS-ABSTRACTS

- [Journal of abstracts: Cybernetics] Ref. zhur.: Kib. no. 5 My '66.

CYCLING-EQUIPMENT AND SUPPLIES

- "Electrovelotrab" as a new apparatus for determining the intensity of work of the athletes and the training of bicyclists between seasons. S. F. Tuzov. Uch. zap. TGPI 21:149-156 '64.

CYCLOHEPTATRIENE

- Pyrolytic transformation of 7,7-dihalonorbornanes to 1,3,5-cycloheptatriene. O. M. Nefedov, N. N. Novitskaya, I. S. Isaev. Dokl. AN SSSR 168 no. 1:106-109 My '66.

CYCLOHEXADIENE

- Monomer products formed during 1,3-cyclohexadiene polymerization. S. F. Naumova, L. G. Tsykalo, B. E. Nadin. Dokl. AN BSSR 10 no. 4:241-244 Ap '66.
Relationship between molecular weight and viscosity in solutions of 1,3-cyclohexadiene oligomers. B. V. Erofeev, S. F. Naumova, L. G. Tsykalo. Dokl. AN SSSR 168 no. 3:585-587 My '66.

CYCLOHEXADIENONE

- Quinone diazides and p-imidoquinone diazides. L. A. Kazitsyna, B. S. Kikot', A. V. Upadysheva. Usp. khim. 35 no. 5:881-917 My '66.

CYCLOHEXANE

- Catalytic dehydrochlorination of monochloroderivatives of ethyl- and dimethylcyclohexanes to ethyl- and dimethylcyclohexenes. N. I. Shukin, E. D. Tulupova, E. G. Ostapenko. Neftekhimiya 4 no. 6:876-879 N-D '64.
Development of the toxic process in the tick Rhipicephalus bursa after its treatment with hexachloran and DDT. V. A. Musatov. Trudy VNIIVS 16:32-43 '66.
Electroreduction of nitrocyclohexane on a platinum cathode. V. G. Khomikov, M. I. Fioshin, I. A. Avrutskaya. Zhur. prikl. khim. 38 no. 8:1889-1892 Ag '65.
Isomerization and dehydrogenation of cyclohexane on chromium oxide. V. S. Gadzhik-Kasumov, G. V. Isagullants, A. A. Blandin. Izv. An. SSSR, Ser. khim. no. 5:921-922 '66.
Kinetics of cyclohexane dehydrogenation on chromium oxide in a gradientless system. Part 1. V. S. Gadzhik-Kasumov and others. Kin. i kat. 7 no. 2:273-278 Mr-Ap '66.
Kinetics of cyclohexane splitting under the effect of water vapor on nickel catalysts. S. A. Balashova, T. A. Slovozhotova, A. A. Balandin. Kin. i kat. 7 no. 2:303-308 Mr-Ap '66.

CYCLOHEXANONE

- Thin-layer chromatography of cyclic ketone peroxides. M. M. Buzlanova and others. Zhur. anal. khim. 21 no. 4:506-509 '66.

CYCLOHEXENONE

- Method of production of 1-cyclohexan-3-one from cyclohexene hydroperoxide. N. P. Emel'yanov, E. A. Larutina, A. M. Smol'skii. Dokl. AN BSSR 10 no. 4:245-248 Ap '66.

CYCLOHEXYL GROUP

- Effect of α -amino acid radical on the rate of carbocyclohexyloxy group cleavage in hydrobrominolysis. V. A. Shubnev and others. Izv. AN SSSR, Ser. khim. no. 5:924-926 '66.

- Effect of substituents in a carbocyclohexyloxy group on the rate of its cleavage in hydrobrominolysis. K. T. Foroshin and others. Izv. AN SSSR, Ser. khim. no. 5:922-924 '66.

CYCLOONES see subdivision under Azerbaijan

CYCLOPENTANE

- Alkylating cyclopentane with a C₅-C₆ composition. L. Kh. Freidlin, N. M. Nazarova, D. L. Badalova. Neftekhimiya 4 no. 6:839-843 N-D '64.
Equilibrium relations between geometric isomers of 1,2-disubstituted cyclopentanes. O. A. Aref'ev, V. A. Zakharenko, A. A. Petrov. Neftekhimiya 4 no. 6:854-859 N-D '64.

- Some aspects of the kinetics of configurational isomerization of cis- and trans-1,2-dimethylcyclopentanes in the presence of a platinum catalyst. O. V. Bragin, Tao Lun-sian [Tao Lung-hsiang], A. L. Liberman. Dokl. AN SSSR 168 no. 1:99-101 My '66.

CYCLOTRON

- Nonlinear resonances $\gamma = \frac{Nn}{g}$ in an isochronous cyclotron. V. P. Delov. Zhur. tekhn. fiz. 35 no. 10:1791-1798 O '65.

CYLINDERS-TESTING

- Using a rotating magnetic field for the control of cylindrical objects. I. K. Fedosenko. Defektoskopiya 2 no. 2:3-5 '66.

CYPRUS-FOREIGN RELATIONS

- The determination of the Cypriots. V. Kondratov. Agitator no. 3:54-55 F '64.

CYSTICERCOSIS

- Economic damages caused by cysticercosis in cattle. V. S. Shekhtovitsov. Veterinariya 42 no. 4:56-57 Ap '66.

CYSTS

- Preoperative X-ray diagnosis of congenital median cervical cysts and fistulae in children. I. B. Bogdanov, E. B. Badanova. Vest. rent. i rad. no. 2:56-59 '64.
Veterinary hygienic evaluation of swine kidneys with cysts. N. P. Kovaleva. Veterinariya 42 no. 4:104-108 Ap '66.

CYTOCHROMES

- Quantitative determination of cytochromes in Nitrosomonas europaea. V. A. Ermachenko, L. L. Lisenkova, A. B. Lozinov. Mikrobiologiya 35 no. 2:242-248 Mr-Ap '66.

CYTOLOGIC DIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY

- Methodology for studying antibody formation by single isolated cells. I. A. S. Shvartsman. Biol. eksp. biol. i med. 53 no. 12:88-90 D '64.
Methods of cytological study of bacterial capsules. L. N. Kats, N. N. Solov'ev, N. A. Volkova. Zhur. mikrobiol., epid. i immun. 43 no. 4:95-98 Ap '66.
Study of the cellular composition of the strains of the plague microbe based on motility. N. F. Kasatkina. Zhur. mikrobiol., epid. i immun. 41 no. 8:140-141 Ag '64.

CYTOLOGY-TECHNIQUE

- Method for the cytophotometry of vitally stained cells. S. V. Levin, K. A. Gol'tsman. TSitologiya 6 no. 4:525-530 Ji-Ag '64.

CYTOSPORE

- Cytosporosis of hybrid poplars. O. Tsyplakova. Zashch. rast. 11 no. 1:41 '66.

CZECH STUDIES

- Soviet historical studies devoted to Czech national rebirth. B. M. Kogan. Vop. ist. 41 no. 5:151-155 My '66.

CZECHOSLOVAKIA-AGRICULTURAL MACHINERY

- Exhibits of the Czechoslovak Socialist Republic. Tekh. v sel'khoz. 26 no. 4:85-88 Ap '66.

CZECHOSLOVAKIA-ARMORED VEHICLES, MILITARY-MAINTENANCE AND REPAIR

- Restoration of parts. Karel Augusta. Tekh. i voornuzh. 24 no. 4:78-81 Ap '66.

CZECHOSLOVAKIA-BIBLIOGRAPHY

- [New literature on Czechoslovakia] Nov. lit. po Chekh. nos. 4-5 '66.

CZECHOSLOVAKIA-BUILDING, WOODEN

- Development of wooden elements in Czechoslovakia. P. Dutko, P. Ferjondik. Izv. vys. ucheb. zav. i stroi. i arkh. 8 no. 3:9-16 '66.

CZECHOSLOVAKIA-COMMERCE

- Foreign trade of Czechoslovakia under people's rule. N. Pusekov. Vnesh. torg. 48 no. 5:6-10 '66.

CZECHOSLOVAKIA-COMMERCE-RUSSIA

- The Soviet-Czechoslovak economic cooperation. R. Shmel'ts. Vnesh. torg. 46 no. 4:15-19 '66.

CZECHOSLOVAKIA-COMMUNIST PARTY

- Congress of Czechoslovak Communists. Nov. vrem. 23 no. 24:2-3 Ju '66.
The 45th anniversary of the establishment of the Communist Party of Czechoslovakia. Jifi Hendrych. Kommunist 43 no. 8:99-109 My '66.

CZECHOSLOVAKIA-CREDIT

- New forms and methods of issuing credit to industries in Czechoslovakia. M. Ujan. Den. i kred. 24 no. 5:73-74 My '66.

CZECHOSLOVAKIA-EDUCATION

- Some questions of the organization of educational process in elementary schools of Czechoslovakia. F. G. Akhmerova. Nach. shkola 34 no. 5:90-94 My '66.

CZECHOSLOVAKIA-ELECTRIC SWITCHGEAR

- Smooth extinction of light. Izobr. i rat. no. 4:5-6 Ap '66.

CZECHOSLOVAKIA-GEOLOGY, STRUCTURAL

- Khaln, V. E., ed. [Tectonic development of Czechoslovakia; collection of papers and tectonic map 1:1,000,000. Translated from the English] Tektonicheskoe razvitiye Chexoslovakii; sbornik statei i tektonicheskaya karta mashaiba 1:1 000 000. [Ily] T. Buday and others. Moskva, Izd-vo Inostrannoi lit-ry, 1963. 283 p. (map insert wanting)

CZECHOSLOVAKIA-HISTORY

- Soviet historical studies devoted to Czech national rebirth. B. M. Kogan. Vop. ist. 41 no. 5:151-155 My '66.

CZECHOSLOVAKIA-HUNTING

- Mallinovskii, A. V. [Hunting industry in Czechoslovakia] Okhotnich'e khoz'iatvo v Chexoslovakii. Izd. 2., ispr. i dop. Moskva, Lennaia promyshlennost', 1966. 162 p.

CZECHOSLOVAKIA-MILITARY EDUCATION

- By a new method. K. Smrcka. Tekh. i voornuzh. 24 no. 1:27-29 Ja '66.

CZECHOSLOVAKIA-MOTION-PICTURE PHOTOGRAPHY-PATENTS

- Czechoslovak patents for motion-picture equipment. Tekh. kino i telev. no. 5:91-93 My '66.

CZECHOSLOVAKIA-ORIENTAL STUDIES

- Akademia nauk SSSR, Institut narodov Azii. [Reports of Czechoslovak orientologists] Soobshcheniya chechoslovatskikh orientalistov. Moskva, Izd-vo vostokovedeniia lit-ry, 1960. 122 p. (Zarubezhnoe vostokovedeniie, no. 1) (Ru)

CZECHOSLOVAKIA-POWDER METALLURGY

- New developments in the powder metallurgy in Czechoslovakia. Z. Ministr. Avt. prom. 32 no. 5:44-46 My '66.

CZECHOSLOVAKIA-SOILS

- Jubilee soil conference in Czechoslovakia and soils shown during field excursions. I. P. Gerastov. Pochvovedeniie no. 5:104-113 My '66.

CZECHOSLOVAKIA-WORLD WAR, 1939-1945

- Lastovicka, Bohuslav. [In London during the war; reminiscences on the struggle for a new Czechoslovakia, 1939-1945. Translated from the Czech] V Londone vo vremena volny; vospominaniia o bor'be za novuyu Chexoslovakiiu 1939-1945. Moskva, IMO, 1966. 252 p.

CZECHOSLOVAKIA-WORLD WAR, 1939-1945-CAMPAIGNS

- Ahead in Golden Prague. G. Vorozheikin. Kryl. i rod. 16 no. 4:6-7 Ap '66.

CZECHOSLOVAKIA-WORLD WAR, 1939-1945-UNDERGROUND MOVEMENTS

- Bares, Gustav. [A patch of clean sky. Translated from the Czech] Klechok chistogo neba. Moskva, Politizdat, 1966. 214 p.

DDT (INSECTICIDE)

- Development of the toxic process in the tick Rhipicephalus bursa after its treatment with hexachloran and DDT. V. A. Musatov. Trudy VNIIVS 16:32-43 '66.
Use of DDT preparations. G. Voltenko, S. Serbrianaia, V. Smolin. Zashch. rast. 11 no. 5:34-35 '66.

DACHKO, LEONID

- Leonid Dachko lives up to his reputation. I. U. Fedorov. Sov. voim 48 no. 10:35 My '66.

DACRON

- Aizenshtein, E. M., and O. R. Kupinskii. [Production of polyester fibers] Proizvodstvo polifibrynykh volokon. Moskva, Vysshaya shkola, 1965. 94 p.

DACRON (Continued)

Economic efficiency of the use of cotton and lacyan blend yarn in the manufacture of knit underwear. L. G. Proskurnina, *Izv. vys. ucheb. zav.; tekhn. tekst. prom.*, no. 2:3-9 '66.

DACRON—THERAPEUTIC USE

Use of lacyan in surgical treatment of habitual dislocation of the shoulder. V. V. Rudenich, *Khirurgiya* 42 no. 2: 143 F '66.

DAGHESTAN—COLLECTIVE FARMS

Osmanov, Gamid. [Collectivization of agriculture in the Dagestani A. S. S. R.; a brief historical sketch] *Kollektivizatsiya sel'skogo khoziaistva DASSR; kratkii istoricheskii ocherk. Makhachkala, Dagestanskoe knizhnoe izd-vo*, 1961. 153 p. tables. (HU)

DAGHESTAN—CULTURE

Danilov, G. D. [Development of the economy and culture of Dagestani, 1945-1965] *Razvitie ekonomiki i kul'tury Dagestana (1945-1965 gg.)*. Moskva, Nauka, 1966. 365 p.

DAGHESTAN—ECONOMIC CONDITIONS

Danilov, G. D. [Development of the economy and culture of Dagestani, 1945-1965] *Razvitie ekonomiki i kul'tury Dagestana (1945-1965 gg.)*. Moskva, Nauka, 1966. 365 p.

DAGHESTAN—HISTORY—SOURCES

[Lenin is with us; a collection of documents and materials] *Lenin s nami; sbornik dokumentov i materialov. Makhachkala, Dagestanskoe knizhnoe izd-vo*, 1965. 86 p. (CST-H)

DAGHESTAN—LANDFORMS—MAPS

Geographical atlas of the Dagestani A. S. S. R. A. M. Krilov. *Geol. i kart.* no. 3:62-64 Mr '66.

DAGHESTAN—OIL FIELD DRINES

Comparative characteristics of mineral solutions and formation waters in the Mesozoic producing layer of the Sukhokum region (Dagestani). A. G. Aliev, G. A. Alieva, D. G. Osika, *Sov. geol.* 9 no. 5:125-130 My '66.

DAGHESTAN—PRODUCE TRADE

Procurement news. *Zakup. sel'khoz. prod.* no. 4:44-45 Ap '66.

DAGHESTAN—RETAIL TRADE

In the land of mountains. K. Vinuk. *Sov. torg.* 30 no. 5:56-57 My '66.

DAGHESTAN—SHEEP—DISEASES AND PESTS

Use of bivalent sera against anaerobic dysentery in lambs and infectious enterotoxemia in sheep. F. I. Kagan, K. R. Urgueev. *Veterinariya* 42 no. 4:40-41 Ap '66.

DAIRY FARMS—DESIGN AND CONSTRUCTION

see subdivision under Rostov-on-Don region

DAIRY CATTLE BREEDING

see subdivision under White Russia

DAIRY INDUSTRY

see subdivision under White Russia

DAIRY INDUSTRY—MANAGEMENT

Increasing the efficiency of the utilization of raw materials of the dairy industry. G. G. Kerimov. *Za tekhn. prog.* 4 no. 12:40-42 D '64.

DAIRYING

see subdivision under Zvenigorod District

DAMPING (MECHANICS)

Calculating hydraulic vibration dampers. G. T. Shapoval. *Izv. vys. ucheb. zav.; mashinost.* no. 3:57-62 '66.

Damping natural vibrations in a two-channel automatic control system. V. A. Ustin. *Izv. vys. ucheb. zav.; mashinost.* no. 3:140-155 '66.

Determining optimal parameters of a damper of nonlubricated friction. F. R. Gekker. *Izv. vys. ucheb. zav.; mashinost.* no. 3:53-59 '66.

Investigating a pendulum vibration damper for preventing torsional vibrations. L. I. Shteynvald, V. N. Karaban. *Izv. vys. ucheb. zav.; mashinost.* no. 3:45-52 '66.

Theoretical investigation of the efficiency of a damper of torsional vibrations of shaft ducts filled with elastoviscous fluid. P. T. Rodin. *Izv. vys. ucheb. zav.; mashinost.* no. 3:35-40 '66.

Theory and calculation of a nonlinear silicon damper of torsional vibrations having its hub flexibly fastened to the shaft. V. V. Alekseev, V. P. Tersikh. *Izv. vys. ucheb. zav.; mashinost.* no. 3:41-46 '66.

Vibration dampers in rotary-percussive drilling. V. F. Zamkovets, A. M. Ashavskii, V. G. Shechelykin. *Trudy MINKHGP* no. 80:105-108 '66.

Vibration insulating systems with equifrequency supports. E. I. Rivin. *Izv. vys. ucheb. zav.; mashinost.* no. 3:62-68 '66.

DAMS

(see also subdivision under Irtysh River; Kley Hydroelectric Power Station; United States)

Investigating the sedimentation tank at a dam. I. A. Bad-Zade, Ch. G. Nuriev. *Za tekhn. prog.* 4 no. 3:37-40 Mr '64.

New designs of reinforced-concrete dams. A. U. Dzhalilov. *Za tekhn. prog.* 4 no. 3:40-42 Mr '64.

Scour protection of the channel below timber-floating dams. A. D. Titova. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 1:71-77 '66.

Stresses on contact areas of high gravity dams. I. A. Konstantinov. *Trudy LPI* no. 257:49-58 '65.

DAMS—DESIGN AND CONSTRUCTION

Calculating arch dams with three-hinge booms of low height. S. A. Kuz'min. *Trudy LPI* no. 257:39-48 '65.

Precast cellular concrete dams constructed from hollow reinforced concrete blocks. I. U. Gontar'. *Prom. stroi. i mzh. soor.* 5 no. 6:13-15 N-D '63.

Present-day problems in designing high dams. A. L. Mozhevitinov. *Trudy LPI* no. 257:3-10 '65.

Using the method of deformations in calculating arch dams. I. A. N. Chirkov. *Trudy LPI* no. 257:32-38 '65.

DANCING

Dancing in a variety theater. Mikh. Khurastev. *Teatr* 25 no. 9:57-59 S '64.

DANTSIG, NAUM MOISEVICH, 1906-

N. M. Dantsig; on his 60th birthday. *Svetotekhnika* 12 no. 5:27 My '66.

DANUBE DELTA—PHYTOBENTHOS

Bottom vegetation of the Kiliya arm of the Danube Delta. K. S. Vladimirova, K. K. Zverov. *Gidrobiol. zhur.* 2 no. 2:9-15 '65.

DARVAZSKIY RANGE REGION—KARST

Clastokarst phenomena in the conglomerates of the Darvazskiy Range region. V. E. Baturin. *Vest. Mosk. un. Ser. 3:Geog.* 20 no. 2:83-86 Mr-Apr '65.

DARVINSKII ZAPOVEDNIK

see Darwin Preserve

DARWIN PRESERVE—BEARS

Brown bear (*Ursus arctos arctos* L.) in the Mologa-Shoksha interfluvium. B. I. Razumovskii. *Zool. zhur.* 45 no. 5:725-729 '66.

DASHKESAN DISTRICT—COPPER ORES

Textural and structural characteristics of copper and iron pyrite ores in the Kashkuchay basin of Dashkesan District. A. A. Magribi. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 4:41-47 '65.

DASHKESAN DISTRICT—PYRITES

Textural and structural characteristics of copper and iron pyrite ores in the Kashkuchay basin of Dashkesan District. A. A. Magribi. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 4:41-47 '65.

DATA TRANSMISSION SYSTEMS

Mol'nikov, I. U. N. [The interference-killing feature, reliability, and cybernetics; trustworthiness of the transmission and reprocessing of information in cybernetic systems] *Pomokhnostichivost', nadezhnost' i kibernetika; dostovernost' peredachi i pererabotki informatsii v kiberneticheskikh sistemakh*. Moskva, Znanie, 1966. 48 p. (Novoe v zhizni, nauka, tekhnika. XIV Seriya: Radiotekhnika i svyaz', no. 2)

Russia (1923- U.S.S.R.) *Uchebno-upravleniye po vysshim uchebnym zavedeniyam* of a course in "Radio engineering data transmission" for institutions of major 0701 - Radio engineering] *Pro. "Radiotekhnicheskie sistemy peredachi i vyshikh uchebnykh zavedeniy po 0701 - Radiotekhnika, Moskva, Vyssh'* 6 p.

DATOLITE

see subdivision under Caucas

DAVID, LEV ARTUROVICH

Masters of restoration; L. A. David, S. Arkhit. *SSSR* no. 3:80-82 '66.

DEAD RECKONING (NAVIGATION)

Bukhanovskii, I. L. [Nautical dead reckoning pull sudna. Izd. 4., perer. Moskva, 1966. 79 p. (Biblioteka sudovodite flota)]

DEAF—EDUCATION

Roskly, R. M., and K. G. Korovin. [A manual for the Russian language textbook first grade of schools for children with hearing (2d section)] *Metodicheskoe rukovodstvo russkogo yazyka dlya i klassa shkol'shchikov (2-o otdelenie)*. Moskva, Pre 71 p.

Gozova, A. P. [Vocational and manual training of deaf school children] *Professional'no-trudovoe obucheniye glukhikh shkol'nikov*. Moskva, Prosveshchenie, 1966. 130 p.

Rozanova, T. V. [Psychological characteristics of the solution of mathematical problems by deaf school children] *Psikhologiya resheniya zadach glukhimi shkol'nikami*. Moskva, Prosveshchenie, 1966. 92 p.

Russia (1917- R. S. F. S. R.) *Glavnoe upravleniye shkol.* [Programs of eight-year schools for deaf children; general subjects: the Russian language, arithmetic, epics in the history of the U. S. S. R., geography, and natural sciences] *Programmy vos'miletnei shkol' dlya glukhikh detei; obshchegoobrazovatel'nye predmety: russkii yazyk, arifmetika, epizodicheskie russkazy iz istorii SSSR, geografiya, estestvoznaniye*. Moskva, Prosveshchenie, 1965. 278 p.

Russia (1917- R. S. F. S. R.) *Glavnoe upravleniye shkol.* [Work programs for schools for the deaf] *Programmy po trudu dlya shkol' glukhikh detei*. Moskva, Prosveshchenie, 1965. 114 p.

DEAF—MEANS OF COMMUNICATION

Determining the intelligibility of the speech of deaf students. E. I. Leongard. *Izv. APN* no. 140:3-75 '65.

Development of electronic aids for the deaf. V. D. Laptev, V. A. T. Sukernan. *Izv. APN* no. 140:164-173 '65.

Visual perception of speech sounds in relation to the auditory. V. I. Bel'mukov. *Izv. APN* no. 140:76-139 '65.

DEAF CHILDREN

see Children, Deaf

DEAFNESS, INSTRUMENTS FOR

see Hearing aids

DEATH—CAUSES

Precision degree of medical records on causes of death. V. A. Ryabinov. *Uch. zap. po stat.* 9:80-89 '65.

DEATH (BIOLOGY)

Neuroendocrine disorders in traumatic shock and terminal states. E. V. Pashkovskii, A. A. Dyakin. *Vest. khir.* 96 no. 4:35-38 Ap '66.

DEATH, APPARENT

Changes in the ECG in dogs following prolonged clinical death under conditions of isolated brain chilling. B. I. Gorokhovskii. *Pat. fiziol. i eksp. terap.* 10 no. 2:49-53 Mr-Apr '66.

DECANE

Mechanism of chain branching in the catalyzed oxidation of n-decane in the presence of cobalt stearate. G. M. Bulgakova, Z. K. Moloz, I. P. Skibida. *Khimiya kat.* 7 no. 2:332-345 Mr-Apr '66.

DECELERATION (PHYSIOLOGY)

see Acceleration (Physiology)

DECEMBRISTS

The Decembrists at the sources of cooperation in Russia. S. Dneprovskii. *Sov. potreb. koop.* 10 no. 5:54-59 My '66.

DECORATION AND ORNAMENT

Pavlushkin, A. [According to the law of beauty] *Po zakonu knasoty*. [Leningrad, Khudozhnik RSFSR, 1965] 62 p. illus., plates (in portfolio) (MH)

DECORATION AND ORNAMENT, ANCIENT

see subdivision under Tom' Valley

DEFICIENCY DISEASES (Continued)

[Multivolume manual on internal diseases] *Mnogotomnoe rukovodstvo po vnutrennim bolezniam*. Moskva, Meditsina.

Vol. 8. *Nesterov, A. I., ed.* [Collagen diseases of the organs of movement and metabolism. Avitaminoses] *Kollagenovye bolezni organov dvizheniya i obmena veshchestv. Avitaminozy*. 1965. 682 p. (DNLM)

DEFICIENCY DISEASES IN DOMESTIC ANIMALS

Prophylactic therapy and its problems. *S. I. Smirnov*. Veterinaria 42 no. 4:65-68 Ap '66.

DEFORMATIONS (MECHANICS)

Analytic determination of deforming forces in the extrusion of tubes. *M. Z. Ermanok, I. V. Egorov, L. S. Skoblov*. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:147-153 '66.

Angles of grinding of upset dies calculated on the basis of plastic deformations in the flash. *G. I. Masalovich*. *Trudy MEI* no. 61 pt. 2:169-177 '65.

Calculating reductions during the cold rolling of pipe. *I. U. F. Shevakin, A. M. Rytkov, V. D. Dmitriev*. *Trudy MEI* no. 61 pt. 2:53-65 '65.

Calculating the actual yield point. *G. I. Masalovich*. *Trudy MEI* no. 61 pt. 2:229-238 '65.

Changes in the brittle strength of steel under the effect of cyclic plastic deformations. *L. A. Glikman, E. D. Shekhtovtsev*. *Fiz. met. i metallov.* 21 no. 4:568-574 Ap '66.

Changes in the geometry of fabrics under single-cycle loads applied in various directions. *T. A. Modestova*. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:14-19 '66.

Components of total deformation. *D. A. Kriazhev*. *Sbor. trud. Mosk. tekhn. inst.* no. 8:49-62 '64.

Compressibility of lithium hydride. *F. F. Voronov* and others. *Fiz. tver. tela* 8 no. 5:1643-1645 My '66.

Compression of an infinite hollow circular cylinder by a linear load laid on a part of the lateral surface. *V. Z. Vasil'ev*. *Rasch. prostr. konstr.* no. 10:93-100 '65.

Deformation characteristics in backward extrusion. *V. I. A. Shekhter*. *Kuz.-shtam. proizv.* 8 no. 5:15-16 My '66.

Deformation of the layers of shaped two-layer steel; for the cutting elements of soil cultivating equipment. *S. A. Golovenko* and others. *Sbor. trud. TSMICHIM* no. 42:23-33 '65.

Determination of transition temperatures of powdered polymers by the powder thermomechanical method. *L. P. Kravtina, S. A. Arzhakov, I. N. Razinskaya*. *Vysokom. soed.* 8 no. 5:815-820 My '66.

Effect of alloying on plastic deformation of gallium arsenide single crystals. *N. P. Sazhin* and others. *Fiz. tver. tela* 8 no. 5:1539-1544 My '66.

Effect of the orientation, size, surface state, and alloying of filamentary copper crystals on the shape of a diagram of deformation by uniaxial tension. *S. Z. Bokstein, S. T. Kishkin, I. L. Svetlov*. *Fiz. tver. tela* 8 no. 3: 688-695 Mr '66.

Electric charges generated in polymethylmethacrylate deformed by compression. *I. U. N. Novikov, F. I. Polovikov*. *Fiz. tver. tela* 8 no. 5:1562-1568 My '66.

Energy analysis of the failure of metals strained at high temperatures. *V. S. Ivanova, I. I. Rogozin, N. A. Vorob'ev*. *Dokl. AN SSSR* 168 no. 1:51-54 My '66.

Evaluating the deformation connected with grain boundaries in nickel specimens at high rates of tension. *V. A. Ferenets*. *Fiz. met. i metallov.* 21 no. 4:595-599 Ap '66.

Evaluation of yarn fatigue by the residual cyclic deformation. *G. Alinauskaitė, A. Piktis*. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:20-26 '66.

Experimental study of axial forces during the expanding of pipe. *F. S. Seidaliyev, I. U. F. Shevakin*. *Trudy MEI* no. 61 pt. 2:81-87 '65.

Mechanism of considerable reversible deformations in crystalline polybutylene. *V. A. Kargin, T. I. Sogolova, I. I. U. Tsarevskaya*. *Dokl. AN SSSR* 168 no. 1:143-145 My '66.

Modeling the initial stage of plastic deformation of structural components. *I. A. Kozlov*. *Prikl. mekh.* 2 no. 5:42-49 '66.

Particular features of the development of deformations in coagulation structures of aqueous dispersions of some Soviet and foreign kaolins. *M. S. Komskaia, Ukr. khim. zhur.* 32 no. 5:528-531 '66.

Possible physical nature of jump-like deformations. *I. U. P. Romashkin, L. M. Shestopalov*. *Fiz. met. i metallov.* 21 no. 4:621-623 Ap '66.

Relative reduction during the cold rolling of pipe. *V. I. Skolovskii*. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5: 124-127 '66.

Relaxation effects in the plastic deformation of metals subjected to friction. *A. A. Kanaev* and others. *Dokl. AN SSSR* 168 no. 2:328-331 My '66.

Resistance to deformation of EP375 and EP495 alloys. *B. A. Kardonov* and others. *Sbor. trud. TSMICHIM* no. 42:55-58 '65.

Shape and position of the critical (neutral) surface during rolling with smooth rolls. *I. I. A. Tarnovskii, E. R. Rimm*. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:107-111 '66.

Speed conditions during the cross rolling of pipe. *F. S. Seidaliyev, I. U. A. Vernik, I. U. F. Shevakin*. *Trudy MEI* no. 61 pt. 2:105-118 '65.

Studying steady, flat, forward extrusion. *I. P. Renne, M. N. Tsygina*. *Kuz.-shtam. proizv.* 8 no. 5:12-15 My '66.

Tarnovskii, I. I. A., A. N. Levanov, and M. I. Poksevalkin. [Contact stresses in plastic deformation] *Kontaknyye naprazheniya pri plasticheskoj deformatsii*. [Moskva] Metallurgiya, 1966. 279 p.

Theoretical analysis of rolling in grooves with the help of variational principles in mechanics. *A. N. Skorokhodov* and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5: 85-89 '66.

Theory of the initial state of plastic deformation in crystals. *A. N. Orlov*. *Fiz. tver. tela* 8 no. 3:832-841 Mr '66.

Uniform and concentrated deformation of high-alloy steel. *I. A. S. Gintsburg, A. G. Bobrov, V. G. Batialkin*. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:157-161 '66.

DEFORMATIONS (MECHANICS)—MODELS

A new study of elastic deformations of rolling mill rolls by models of low-modulus materials. *V. P. Polukhin*. *Trudy MEI* no. 61 pt. 2:131-148 '65.

DEFORMATIONS (MECHANICS)—TESTING

Method of determining the ability of a sheet metal to undergo plastic forming. *N. P. Kolesnikov*. *Kuz.-shtam. proizv.* 8 no. 5:23-26 My '66.

DEFORMATIONS, CONTINUOUS see Homotopy theory

DEGENERATION (PATHOLOGY)

"Cardiac colloid" (basophilic degeneration of the myocardium) and its connection with glycogen. *K. M. Danilova, M. P. Medvedeva*. *Arkh. pat.* 28 no. 3:61-66 '66.

DEGRADATION (CHEMISTRY)

Use of mass spectrometry for studying the thermal degradation of polymers. *G. S. Anufriev, O. F. Pozdola-kov, V. H. Regel*. *Vysokom. soed.* 8 no. 5:834-840 My '66.

DEHYDRATION (CHEMISTRY)

Analyzing the process of dehydration of sodium hydrosulfite. *I. U. A. Lobanov, V. A. Shormanov, T. I. Kunin*. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:10-13 '66.

Dehydration of terpin hydrate in the presence of the KU-1 and KU-2 ion-exchange resins and sulfuric acid. *V. I. Isagulants, R. I. Fedorova*. *Zhur. prikl. khim.* 38 no. 8: 1880-1882 Ag '63.

Effect of porosity on the structural water content of silica gel and its thermal dehydration. *I. Budyrdzhiev, Dokl. AN SSSR* 168 no. 3:638-640 My '66.

Kinetics of the dehydration of tert-butyl alcohol on KU-1 ion-exchange resins. *D. N. Chaplits, K. D. Samokhvalova, I. A. Tiurtaev*. *Khim. prom.* 42 no. 5:334-338 My '66.

Pseudomorphism in the dehydration of aluminum hydroxides. *L. M. Kefeli* and others. *Zhur. neorg. khim.* 11 no. 5:1222-1224 My '66.

DEHYDRATION (CHEMISTRY)—THERMODYNAMICS

Determining some thermodynamic values of the dehydration reactions of $ZnSO_4 \cdot 7H_2O$. *L. G. Berg, K. P. Pilyaylov*. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:6-9 '66.

DEHYDROGENASES

Dehydrogenase activity of *Salmonella* of typhoid fever and murine typhus of various virulence. *T. I. Lartomova, V. G. Petrovskaya, L. M. Filippova*. *Vop. med. khim.* 12 no. 3:273-278 My-Je '66.

Valence dehydrogenase activity of pea seedlings. *Z. S. Kagan, V. L. Kretovich, V. A. Poliakov*. *Biokhimiia* 31 no. 2:365-364 Mr-Apr '66.

DEHYDROGENATION

Catalytic dehydrogenation of 2-methyl-5-ethylpyridine. *O. K. Bogdanova, I. P. Belomestnykh, A. A. Balandin*. *Dokl. AN SSSR* 168 no. 2:372-375 My '66.

Coding the structure of a substance in the statistical description of the reaction of dehydrogenation of the homologous series of cyclohexane. *V. N. Pisarenko, A. G. Pogorelov, N. F. Kononov*. *Zav. lab.* 32 no. 1: 62-63 '65.

Investigating the activity of spent P-1 catalyst used in the dehydrogenation of ethylbenzene. *V. P. Svatikov, R. M. Sadykhova, L. G. Kononova*. *Azerb. neft. khoz.* 45 no. 4:35-36 Ap '66.

Isomerization and dehydrogenation of cyclohexanes on chromium oxide. *V. S. Gadzhik-Nasumov, G. V. Isagulants, A. A. Balandin*. *Izv. AN SSSR, Ser. khim.* no. 5:921-922 '66.

Kinetics of cyclohexane dehydrogenation on chromium oxide in a gradientless system. Part I. *V. S. Gadzhik-Nasumov* and others. *Kin. i kat.* 7 no. 2:273-278 Mr-Apr '66.

Obtaining butadiene by oxidative dehydrogenation of normal butenes on a solid catalyst. *I. I. Ukol'son, E. A. Boguslavskii*. *Neftekhimiia* 4 no. 6:834-838 N-D '64.

Oxidative dehydrogenation of normal butenes to butadiene 1,3. *V. A. Kolobikhin, E. N. Encl'anova*. *Neftekhimiia* 4 no. 6:829-833 N-D '64.

Valence state of chromium in active centers on a dehydrogenant aluminum-chromium-potassium catalyst. *K. I. Slovet'skaya, A. M. Rubinshtein*. *Kin. i kat.* 7 no. 2:342-344 Mr-Apr '66.

DEKHTIARENKO, ANDREI NIKOLAEVICH

Combat comrade of Mares'ev. *V. Chupakhin*. *Sov. voln.* 47 no. 10:30-31 S '65.

DELIN'YA VALLEY—GEOLOGY, STRATIGRAPHIC

Lower Triassic of the Tompo-Delin'ya interfluvium. *V. I. Korostelev*. *Geol. i geofiz.* no. 2:31-38 '66.

DELIVERY OF GOODS (LAW)

Arbitration practice. *Sov. iust.* 30 no. 9:32 My '66. Legal relations arising from delivery of goods to industrial enterprises. *L. M. Rutman*. *Sov. gos. i pravo* 36 no. 5: 112-115 My '66.

Receiving and verifying the number of pieces of delivered goods and merchandise (continuation). *Sov. gos. i pravo* 36 no. 5:128-130 My '66.

DELPHINIUM

Dynamics of methylacetone accumulation in various organs of the Ararat larkspur. *G. M. Mamedov*. *Apt. delo* 15 no. 2:34-35 Mr-Apr '66.

DEMOCRACY

Krut'ko, N. G. [The struggle for democracy as a constituent part of the struggle for socialism] *Bor'ba za demokratiu - sostavnaia chast' bor'by za sotsializm*. Minsk, Nauka i tekhnika, 1966. 171 p.

DEMOGRAPHY

How the conditions of the reproduction of the labor force influence the natural movement of the population based on research in applied sociology. *I. M. Musatov*. *Izv. SO AN SSSR* no. 5. Ser. obshchestv. nauk no. 2:73-82 '64.

DENDRODOCHUM—TOXICOLOGY

Experimental Dendrodochum poisoning in sheep. *I. A. Kurmanov*. *Trudy VNIIVS* 16:373-378 '66.

Resistance of the spores of the fungus *Dendrodochum toxicum*. *L. I. Ochikina*. *Trudy VNIIVS* 16:333-365 '66.

DENEZHNIK KAMEN' REGION—WEATHERING

Morphology and conditions of the formation of taluses and placers of the Denezhnik Kamen' Massif in the Northern Urals. *N. P. Matvoev*. *Trudy MOIP* 18:297-310 '66.

DENSITOMETERS

Ginshtoln, M. M., and L. M. Kuchikina. [Photoelectric concentration meters for automatic control and regulation systems] *Fotoelektricheskie konstantonometry dlia avtomaticheskogo kontrolya i regulirovaniia*. Moskva, Mashinostroenie, 1966. 170 p.

DEPARTMENT STORES see subdivision under Tailor

DEPARTMENT STORES—MANAGEMENT see subdivision under Piryatin District; Tal'menka (Novosibirsk Province)

DERMATOLOGY

Problems of health resort therapy at the Plenum of the Board of the All-Union Society of Dermatologists. *V. Sukharev*. *Vop. kur., fizioter. i luch. fiz. kul'* 20 no. 5:475-477 S-O '64.

DERMATOMYCOSIS

Materials for studying the regional mycology and epizootiology of dermatomycoses in farm animals. *N. A. Spasiv-tseva*. *Trudy VNIIVS* 16:357-363 '66.

DESCRIPTIVE GEOMETRY see Geometry, Descriptive

DESERT CANDLE

Water-soluble polysaccharides of various Erenurus species. *M. V. organs* at different phases of the vegetation. *K. Duvletmuradov, B. N. Stepanenko*. *Izv. AN Turk. SSR, Ser. biol. nauk*, no. 2:3-9 '66.

DESERT FAUNA

Water content in the tissues of some desert animals. *V. E. Sokolov*. *Zool. zhur.* 45 no. 5:776-777 '66.

DESERT FLORA see subdivision under Kara Kum; Kazakhstan

DESIGN, DECORATIVE

Hanson, Albert. [Fundamentals of ornamentation] *Ornament kufundamentals alustest*. Tallinn, Kunst, 1965. 176 p. [In Estonian]

DESIGN, INDUSTRIAL

At the industrial design office. *R. Safarov*. *Prom. Arm.* 9 no. 3:70-71 Mr '66.

Discussion of N. Voronov's article "Problems of industrial design." *R. Sarkisian*. *Tekh. ost.* no. 2:9-11 F '66.

DESIGN, INDUSTRIAL (Continued)

Industrial aesthetics and artificial lighting of factories. S. M. Lirtsman, M. Kh. Teif, E. I. Margolis. Tekst. prom. 26 no. 5:34-38 My '66.

Visiting with the group of industrial designers of a television set factory. O. Andreev. Tekh. est. no. 2: 12-14 F '65.

What can be gained from the research on applied sociology in industry and commerce? V. Shvili. Tekh. est. no. 2: 1-2 F '65.

DESIGN, INDUSTRIAL—COMPETITION

"Consumers do the designing." Tekh. est. no. 2:31 F '65.

DESIGN, INDUSTRIAL—CONGRESSES

Conference in Kharkov on industrial aesthetics and high-standard work conditions. Tekh. est. no. 2:31 F '65.

DESNA RIVER—FLOOD FORECASTING

Evaluation of the effectiveness of a long-range forecast of the spring flood hydrograph. M. V. Rudometov. Trudy UkrNIGMI no. 59:33-38 '66.

DESULFURATION

Mechanism of the desulfuration of petroleum coke in a gas stream containing hydrogen. S. G. Rogachev and others. Nefteper. i neftekhim. no. 3:24-27 '66.

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DEUTERIUM

Investigation of the behavior of deuterioethanol under conditions of synthesis of organic compounds from CO and H₂ on iron catalysts. I. U. B. Kriukov and others. Neftekhimika 4 no. 6:869-875 N-D '64.

DEUTERIUM OXIDE, EFFECT OF RADIATION ON

Alpha and beta-radiolysis of aqueous solutions of light and heavy water. M. V. Vladimirova, I. A. Kulikov, L. G. Shalashkova. Radiokhimiya 8 no. 2:226-232 '66.

DEZHNEV, CAPE—BOTANY

Flora of the extreme east of the Chukchi Peninsula (village of Uelen, Cape Dezhnev). T. G. Derviz-Sokolova. Rast. Krain. Sev. SSSR i ee osv. no. 6:90-107 '66.

DIBAZOL see subdivision under Ural Mountains

DIABETES

Changes in the heart and vascular system in patients with diabetes mellitus and tuberculosis. K. I. A. Kolesherda. Probl. tub. no. 9:21-25 '64.

Content of insulin in the blood of the fetus in a diabetic mother. L. L. Liberman. Biol. eksp. biol. i med. 58 no. 9:46-49 S '64.

Effectiveness of the treatment of diabetes mellitus at Pyatigorsk Health Resort. N. K. Vasil'eva. Vop. kur. fizioter. i lech. fiz. kul't. 20 no. 5:424-430 S-O '64.

Nature of changes in the electroencephalogram in diabetes mellitus. A. K. Dohrzhauskaya, G. M. Frankel. Probl. endok. i gorm. 10 no. 2:45-52 Mr-Apr '64.

Role of age-related changes in islands of Langerhans in the development of diabetes mellitus in the aged. N. A. Zhukov. Sov. med. 28 no. 9:13-18 S '64.

DIAGNOSIS, CYTOLOGIC

Cytological characteristics of various histological forms of gonorrhea. L. M. Sarkisyan. Zhur. eksp. i klin. med. 6 no. 1:99-106 '66.

DIAGNOSIS, DIFFERENTIAL

Association of tuberculosis and lung cancer. I. I. Nelmar, D. A. Naikmark. Probl. tub. no. 9:82-84 '64.

Cerebral arachnoiditis in the clinical aspects of neuroses; differential diagnosis. B. D. Karvasarskii. Sov. med. 28 no. 9:90-93 S '64.

Clinical and phonocardiographic evaluation of apical systolic murmur in acquired heart defects. A. G. Salim'yanova. Kardiologiya 4 no. 2:62-65 Mr-Apr '64.

Clinical aspects and differential diagnosis in nontoxic leptospirosis (swamp fever) caused by Leptospira pomona (with special reference to the course of this disease combined with jaundice and in immunized patients.) K. V. Babin, M. N. Gamazina. Sov. med. 28 no. 9:54-60 S '64.

Controversial problems in the diagnosis and surgery of cerebral tumors. I. S. Babchin. Vop. neirokhir. 30 no. 2:1-6 Mr-Apr '66.

Diagnostic errors in the detection of acute pancreatitis. V. M. Lashchevker. Klin. khir. no. 7:79-84 '65.

Differential diagnosis of post-puncture cholesteatoma and tuberculous spondylitis. G. R. Khersonskii, M. I. Kulashenko, A. B. Britan. Probl. tub. no. 9:81-82 '64.

Some problems concerning the clinical aspects, diagnosis and treatment of salmonellosis. V. I. Rabinovich, E. A. Revzina. Zhur. mikrobiol., epid. i immun. 41 no. 8:31-35 Ag '64.

DIAGNOSIS, FLUOROSCOPIC

Device for limiting harmful radiation in roentgenoscopy. A. I. Nosis. Vest. rent. i rad. no. 2:70-71 '64.

Diagnosis of colicenteritis in children using the immunofluorescence method. V. Z. Glozerov. Zhur. mikrobiol., epid. i immun. 41 no. 8:136-137 Ag '64.

Fluorescent ultraviolet examination of myocardial infarct. V. S. Kondrat'ev. Arkh. pat. 28 no. 3:46-51 '66.

Fluorography attachment to the X-ray apparatus. E. D. Shmelin. Vest. rent. i rad. 41 no. 2:91-92 Mr-Apr '65.

Large-photograph fluorography in excretory urography with compression. E. M. Kagan, V. M. Perelman. Vest. rent. i rad. 41 no. 2:63-68 Mr-Apr '66.

Results of fluorographic examination of the population in association with specific tuberculosis prevention. M. V. Gukida. Probl. tub. no. 5:8-11 '64.

Use of the tetracycline fluorescence test in the diagnosis of cancer of the stomach. A. I. Guzev. Vest. khir. 95 no. 4:50-52 Ap '66.

DIAGNOSIS, RADIOSCOPIC

Changes in the transparency of the lungs during respiration in the presence of foreign bodies in the bronchi. I. F. Bodnia. Vest. rent. i rad. 41 no. 2:37-42 Mr-Apr '66.

Clinical X-ray characteristics of Ewing's sarcoma of the fibula. F. A. Khachobian. Zhur. eksp. i klin. med. 6 no. 1:47-55 '66.

Clinical X-ray diagnosis of cerebral aneurysms and angliomas. A. M. Kun, L. S. Soskin. Vest. rent. i rad. no. 2:39-41 '64.

Comparative study of the diagnostic significance of X-ray examination in interposition and in the position of lateral body inclination in slight pleural exudations. B. Ekmanski. Vest. rent. i rad. 41 no. 2:43-49 Mr-Apr '66.

Diagnostic significance of determining the growth rate of a spherical formation in the lungs. E. A. Likhtenshtein, S. I. Marmorshtein. Vest. rent. i rad. 41 no. 2:18-23 Mr-Apr '66.

Evaluation of the irradiation rate in examined persons using electronic optic image converters. R. V. Stavitskii, E. G. Fridman. Vest. rent. i rad. 41 no. 2:83-85 Mr-Apr '66.

Metastases from the kidneys and adrenal glands into the lungs. N. I. Rybakova. Vest. rent. i rad. 41 no. 2:31-37 Mr-Apr '66.

Reduction of the irradiation dose of roentgenoscopy. T. F. Telchko. Vest. rent. i rad. 41 no. 2:77-83 Mr-Apr '66.

So-called sequestration of the lung and its intravital diagnosis. I. E. Rabin and others. Vest. rent. i rad. 41 no. 2:10-16 Mr-Apr '66.

Topic X-ray diagnosis of pathological formations in the lungs and its use in tomography. S. A. Sedov. Vest. rent. i rad. 41 no. 2:50-52 Mr-Apr '66.

X-ray diagnosis of bronchial reconstruction following partial resection of the lungs. I. U. A. Muromskii, N. V. Kolerova. Vest. rent. i rad. 41 no. 2:52-62 Mr-Apr '66.

X-ray diagnosis of cancer of the larynx. S. A. Arustamian. Zhur. eksp. i klin. med. 6 no. 1:65-71 '66.

X-ray diagnosis of intralobular sequestration of the lungs. D. I. Posavich, B. S. Vlkhrev. Vest. rent. i rad. 41 no. 2: 3-10 Mr-Apr '66.

X-ray diagnosis of neurogenic tumors of the chest cavity. K. A. Golubeva, A. I. Rozhdvestvenskaya. Vest. rent. i rad. 41 no. 2:23-31 Mr-Apr '66.

X-ray examination as one of the methods of studying atherosclerosis. N. M. Kutateladze. Arkh. pat. 28 no. 3:30-33 '66.

DIALECTICAL MATERIALISM

Arif'eva, G. S., and E. N. Lyemankin. [The theory of knowledge in dialectical materialism] Teoriya poznaniya dialektsicheskogo materializma. Red. A. F. Zotov. Moskva, Mosk. energ. in-t, 1965. 32 p.

Correlation between variability and stability in the phenomena of nature. V. S. Lutal. Filos. probl. such. prirod. no. 2:19-27 '64.

Dialectical and materialistic conception of determinism and quantum mechanics. V. I. Peroderil. Filos. probl. such. prirod. no. 2:84-92 '64.

The negation of negation in quantum theory. V. S. Barashenkov. Vop. filos. 20 no. 5:93-95 '66.

Rozhin, V. P. [The ways of formation of a scientific philosophy] Puti formirovaniya nauchnogo mirovoz-zreniya. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 33 p.

Some problems concerning the dialectic of contradictions in the development of organic forms. V. O. Besonko. Filos. probl. such. prirod. no. 2:134-141 '64.

DIALECTICAL MATERIALISM—CONGRESSES

Soveshechaniye po sovremennym problemam materialisticheskoi dialektiki. Moscow, 1965. [Dialectic and logic of scientific knowledge; materials] Dialektika i logika nauchnogo poznaniya; materialy. Moskva, Nauka, 1966. 420 p. (Sovremennyye problemy materialisticheskoi dialektiki)

DIAMINOPIMELIC ACID DECARBOXYLASE

Presence of a,c-diaminopimelic acid decarboxylase in pen sprouts. A. I. Modvedev, V. L. Krotovch. Dokl. AN SSSR 168 no. 3:701-703 My '66.

DIAMONDBACK MOTH see subdivision under Leningrad Province

DIAMONDS

(see also subdivision under Ukraine)

Diamond diametres. V. S. Trofimov. Sov. geol. 9 no. 5: 3-12 My '66.

Epitaxial nature of some inclusions in diamonds. S. I. Futergerdler, V. A. Frank-Kamenetskii. Rent. min. syr. no. 4:97-107 '64.

DIAMONDS—SPECTRA

Recombination radiation from diamonds stimulated by electrons. V. S. Vavilov and others. Fiz. tver. tela 8 no. 5:1522-1527 My '66.

DIAMONDS, INDUSTRIAL

Six days in Austria. S. Vasil'ev. Vnesh. torg. 46 no. 5:42-44 '66.

Use of industrial diamonds and hard alloys in locomotive repair depots. A. P. Babenko, G. P. Velpitskii, A. I. Radchenko. Elek. i tepl. torg. 10 no. 1:14-15 Ja '66.

Use of synthetic diamonds in lapping hard-alloy dies. P. G. Erofitev, V. Z. Marchenko, V. A. Olukhov. Stal' 26 no. 5:476-479 My '66.

DIAPAUSE

Diapause of Ixodes ricinus L. larvae and its relationship to external factors. Report No. 2. Interrelationship between living conditions of ticks before and after feeding in the processes of diapause regulation of engorged larvae. V. N. Belozorov, Z. A. Mikhailova. Zool. zhur. 45 no. 4:543-550 '66.

DIAPHRAGM—CANCER

Radical operations in cancer of the cardinal region of the stomach, invading the diaphragm. Z. N. Altakov, Grud. khir. 8 no. 2:101-108 Mr-Apr '66.

DIARRHEA

Case of viral diarrhea among newborn calves. J. Romvary. Veterinarita 43 no. 5:106-109 My '66.

DIATOMS

Role of water turbulence in the development periodicity of some freshwater species of the genus Melosira (Algae). D. V. Lund. Bot. zhur. 51 no. 2:176-187 F '66.

DIATOMS, FOSSIL see subdivision under Aldan Valley

DIBAZOL

Increase in the cell resistance of certain frog tissues after the injections of vitamin B₁₂, dibenzazole and dibazol. E. N. Andreeva and others. TSitologiya 6 no. 3:461-468 Ji-Ag '64.

DIBENZYLAMINE

Effect of a tranquilizer of the phenothiazine series (pyrithiazine) and dibenzamine during early pregnancy in lactescens and nonlactescens mice. D. A. Nishishinskaya, I. U. B. Baevskii. Dokl. AN SSSR 168 no. 1:244-246 My '66.

DIBROM

Effectiveness of dibrom in the control of beetles in reindeer. D. V. Savel'ev. Veterinarita 43 no. 5: 46-47 My '66.

DICKENS, CHARLES, 1812-1870

Katarskii, I. M. [Dickens in Russia; the middle of the 19th century] Dikens v Rossii; seredina XIX veka. Moskva, Nauka, 1966. 426 p.

DICTATORSHIP OF THE PROLETARIAT

Democratic dictatorship by a revolutionary people under the conditions of the present period. V. E. Chirkina. Vop. filos. 20 no. 4:33-43 '66.

DICTIONARIES, POLYGLOT

[Pahlavi-Persian-Armenian-Russian-English dictionary] Pekhlavsko-persidsko-armiansko-russko-angliskii slovar'. Soat. R. Abramian. Slovar' podgotovili k pochati, otdredaktiroval i sostavil kratkii grammaticheskii ocherk G. M. Nalbandian. Erevan, Milt, 1965. 336 p.

DIE CASTING

Shpil'nov, V. A. [Cast wire] Litata provoloka. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no. 9)

DIE CASTING—CONGRESSES

Fourth International Conference on Die Casting. P. S. Strotinskii. Lit. prozv. no. 2:43-46 F '64.

DIE CASTING—EQUIPMENT AND SUPPLIES

Mechanization and organization of die casting. M. D. Belostotskii. Lit. prozv. no. 2:39-40 F '64.

New machine for pressure casting. I. A. Sokolin, G. E. Khrebtkov. Lit. prozv. no. 4:14-16 Ap '66.

Some problems of the use of die-casting molds for castings cylinder blocks. I. I. Prokhorov and others. Avi. prom. 32 no. 4:41-42 Ap '66.

DIE CASTING—QUALITY CONTROL

Improving the quality of bronze castings with crystallization under piston pressure. L. R. Brontvain. Lit. prozv. no. 4:38 Ap '66.

DIE CASTING—SAFETY MEASURES

Universal, quickly removable guards for molds on die casting machines. E. Kh. Kontorovich, Z. A. Puzynina, Lit. proizv. no. 4:32-33 Ap '66.

DIELECTRIC CONSTANT

Accounting for electrode polarization in dielectric measurements in conducting media. I. I. A. Borovikov, A. I. Derevianko, O. D. Kurlenko, Ukr. khim. zhur. 32 no. 4:449-453 '66.

Dielectric polarization of bismuth titanate ($\text{Bi}_2\text{O}_3 \cdot 3 \text{ TiO}_2$). A. N. Gubkin, A. M. Kashtanova, Izv. vys. ucheb. zav.; fiz. 9 no. 2:137-142 '66.

Phase transitions in BiFeO_3 . N. N. Kravak and others. Fiz. tver. tela 8 no. 3:816-821 Mr '66.

Theory of the dispersion of permittivity in a polar solid body. D. G. Samikov. Fiz. tver. tela 8 no. 5:1550-1554 My '66.

DIELECTRICS

Electrostriction of dielectrics. A. S. Bogdanovich and others. Izv. vys. ucheb. zav.; fiz. 8 no. 2:92-97 '66.

Excitation of a dielectric solid of revolution. E. N. Vasil'ev, L. B. Materikova. Zhur. tekhn. fiz. 35 no. 10: 1817-1924 O '66.

Mica sheets. V. I. Brzhezanski, N. M. Vakser, A. V. Tolvinakala. Trudy LPI no. 258:138-141 '65.

Separability of solids in a field of electrodes of diverging wire sections. N. I. Zhuravleva. Uch. zap. MGPI no. 242: 22-29 '65.

Separating media in the processes of dielectric separation of solids. I. U. B. Zamel'. Uch. zap. MGPI no. 242:17-21 '65.

DIELECTRICS—EXPERIMENTS

Evaluation of experimental mistakes in the study of the conductivity of dielectrics by the method of modeling. A. I. Striakh. Uch. zap. TGPI 21:197-202 '64.

DIELECTRICS—MEASUREMENT

Measurement of the unit resistance of dielectrics using bridge methods. Zh. A. Stavrov. Elektrichestvo no. 5:31-37 My '66.

DIELECTRICS—TESTING

Decreasing the magnitudes of the scatter of disruptive voltages in testing the breakdown of liquid dielectrics. P. N. Bondarenko. Trudy LPI no. 258:116-117 '65.

DIENCEPHALON

Diencephalic syndrome in tuberculosis. M. G. Fainberg. Probl. tub. no. 5:44-50 '64.

DIENCEPHALON—DISEASES

Role of the lesions of the upper brainstem and diencephalic formations in the genesis of malignant exophthalmos; an electroencephalographic study. L. P. Latash, D. R. Shul'man. Probl. endok. i gorm. 10 no. 2:33-41 Mr-Ap '64.

Special form of the diencephalic syndrome during the period of puberty. I. V. Katusheva. Probl. endok. i gorm. 10 no. 2:56-58 Mr-Ap '64.

Symptom complex of acromegaly and Itsenko-Cushing's disease of primary diencephalic genesis. E. Z. Gincherman, M. I. Babolkin. Probl. endok. i gorm. 12 no. 3: 3-6 My-Je '66.

DIES (METALWORKING)

Angles of grinding of upset dies calculated on the basis of plastic deformations in the flash. G. I. Masalovich. Trudy MEI no. 61 pt. 2:169-177 '65.

Atroshenko, A. P., S. N. Satov, and S. M. Kheslin. [Modern dies for cutting burrs] Sovremennye shtampy dlia obrezki oblola. Moskva, Mashinostroenie, 1966. 159 p.

Babenko, V. A., V. V. Boltsov, and I. P. Volik. [Die forging; atlas of plans and standard designs for dies] Ob'emnaia shtampovka; atlas skhem i tipovykh konstruktivnykh shtampov. [Moskva] Mashinostroenie, 1965. 156 p.

Determining the necessary thickness of a die bolster plate. S. M. Khmara, A. A. Kolomoitsev, V. P. Smolnitsyn. Kuz.-shtam. prizr. 8 no. 4:20-21 Ap '66.

Dies for the cold extrusion of aluminum alloy pipe. G. G. Epstein, K. I. Melkov. TSvet. met. 39 no. 5:75-79 My '66.

Obtaining galvanoplastic copies of SMST-type dies. A. Avetisyan. Prom. Arm. 9 no. 2:31-33 F '66.

Simple adjusting die. A. Nesterenko. Prom. Arm. 9 no. 2:30-31 F '66.

Technological characteristics of antipressure devices in dies. A. M. Smurov. Avt. prom. 32 no. 5:32-33 My '66.

DIESEL ENGINES

Calculation of the transient processes of two-stage supercharged diesel engines using analog computers. V. I. Tolshin. Energomashinostroenie 12 no. 4:22-25 Ap '66.

Koval', I. A., and others. [Investigation and adjustment of diesel engines] Issledovanie i dovydka dizelei. Moskva, Mashinostroenie, 1960. 167 p.

Using diesel engines built in series for the drive of coal mine conveying machinery. I. T. Chudko and others. Ugol' Ukr. 10 no. 5:35-36 My '68.

DIESEL ENGINES—DESIGN AND CONSTRUCTION

Production of diesel locomotive castings. M. I. Furman. Lit. proizv. no. 2:40-41 F '64.

DIESEL ENGINES—FUEL SYSTEMS

Evaluating the effect of gas channels on dynamic properties of a transport diesel engine with turbocharging. V. I. Krutov, F. M. Danilov. Izv. vys. ucheb. zav.; mashinost. no. 2:113-118 '65.

DIESEL ENGINES—STARTING DEVICES

Efficient changes of the start circuit of TFS diesel locomotives. P. T. Lomov. Elek. i tepl. tiaga 10 no. 4:25 Ap '66.

DIESEL FUELS

Effect of the viscosity of the fuel on the economic efficiency of the performance of marine diesels. L. P. Ivanov. Trudy TSNIIMF no. 68:35-44 '65.

DIESEL LOCOMOTIVES

Kuznetsov, T. F., and others. [Assembly and testing of TE10 locomotives] Sbornik i ispytanie teplovoza TE10. Moskva, Mashinostroenie, 1966. 266 p.

DIESEL LOCOMOTIVES—BIBLIOGRAPHY see Bibliography—Diesel locomotives

DIESEL LOCOMOTIVES—COOLING

Calculating additional softening of water for diesel locomotives. N. I. Kazantseva. Elek. i tepl. tiaga 10 no. 4:17 Ap '66.

Selecting the cooling system for a diesel locomotive. V. I. Evenko. Izv. vys. ucheb. zav.; mashinost. no. 2:106-112 '66.

DIESEL LOCOMOTIVES—ELECTRIC EQUIPMENT

Concerning the "countercurrent" in a diesel locomotive and its consequences. S. A. Gromov. Elek. i tepl. tiaga 10 no. 1:41-43 Ja '66.

Electric circuit of the ChM33 diesel locomotive. S. S. Shalaev. Elek. i tepl. tiaga 10 no. 4:27-31 Ap '66.

Emergency generator excitation circuit for TE10 diesel locomotives. A. F. Zarkov. Elek. i tiaga 10 no. 4:32-33 Ap '66.

Gakkel', E. I. A., ed. [Electrical machines and electrical equipment of diesel locomotives] Elektricheskie mashiny i elektrobudovaniye teplovozo. [By] E. I. A. Gakkel' i dr. Moskva, Transport, 1966. 307 p. diagrs. (insert)

Measure increasing the technical safety. V. I. Goncharovskii, V. I. Brovich. Elek. i tepl. tiaga 10 no. 1:33 Ja '66.

DIESEL LOCOMOTIVES—FUEL CONSUMPTION

Calculation tables for fuel consumption norms per trip. A. T. Krutshin. Elek. i tepl. tiaga 10 no. 4: 16-17 Ap '66.

Education in economic handling of materials. V. D. Parnenov. Elek. i tepl. tiaga 10 no. 1:19-11 Ja '66.

Our experience in fuel savings. G. I. Lysenko, N. P. Korovin. Elek. i tepl. tiaga 10 no. 4:12-15 Ap '66.

DIESEL LOCOMOTIVES—FUEL SYSTEMS

Plastic bushings for the air blower drive of 2D100 diesel engines. B. M. Chornilavskii, K. A. Grekov, I. P. Sitkovskii. Elek. i tepl. tiaga 10 no. 4:20-21 Ap '66.

DIESEL LOCOMOTIVES—HYDRAULIC DRIVE

Performance of the TG102 diesel locomotive on lengthened haul distances. N. A. Samoilov and others. Elek. i tepl. tiaga 10 no. 1:19-21 Ja '66.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Eliminating failures of TGM3 diesel locomotives. A. I. Polovkin. Elek. i tepl. tiaga 10 no. 4:31-32 Ap '66.

He forgot to scavenge the air intake of the locomotive. B. N. Kolosnik. Elek. i tepl. tiaga 10 no. 1:30 Ja '66.

Some considerations concerning the methods of repair and operation of TGM3 diesel locomotives. M. M. Shapuro, V. M. Gudkov. Elek. i tepl. tiaga 10 no. 1:21-22 Ja '66.

Supplements to repair regulations prompted by practice. P. F. Tret'yakov. Elek. i tepl. tiaga 10 no. 4:24 Ap '66.

DIESEL LOCOMOTIVES—PARTS

Need for the mechanization of air blower louvers. V. P. Volochaev. Elek. i tepl. tiaga 10 no. 4:26 Ap '66.

DIESEL LOCOMOTIVES—SAFETY APPLIANCES

Measures to improve the safety conditions on TGM and TGM2 diesel locomotives. A. R. Abbaev. Elek. i tepl. tiaga 10 no. 4:26 Ap '66.

DIESEL LOCOMOTIVES—TRANSMISSION DEVICES

Effect of mechanical hard facing on the strength of tractive gear transmissions for diesel locomotives. A. N. Rud'. Trudy MIT no. 225:168-175 '66.

DIESEL LOCOMOTIVES—VIBRATION

Nonlinear vibrations in a train caused by electric braking of a diesel locomotive. A. V. Dabagian, V. M. Ermolenko. Izv. vys. ucheb. zav.; mashinost. no. 3:89-96 '66.

DIET

Effect of a diet poor in lipotropic substances and with deranged qualitative protein composition on the enzyme secreting function of the pancreas. L. M. Babushkina, Z. M. Pavlova. Vop. pit. 23 no. 4:46-50 Ji-Ag '64.

DIET IN DISEASE

Effect of diet and individual test meals on the cardiac activity of patients with coronary atherosclerosis; vector-cardiographic data. V. A. Trangeizer. Vop. pit. 23 no. 4:30-34 Ji-Ag '64.

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Approximate solution to the problem of plane flexure of a thin rod of variable rigidity. M. I. Karpova. Dzf. urav. 2 no. 5:709-710 My '66.

Calculating structural elements on the basis of a new method of the approximate solution of differential equations. D. I. Shikrat. Trudy Kish. politekh. inst. no. 2:10-10 '64.

Condition for the stability of a certain system of differential equations with a parameters. V. G. Skatelskii. Dokl. AN BSSR 10 no. 4:229-231 Ap '66.

The discontinuity condition in an optimum control problem. Hoang K Tuong. Dif. urav. 2 no. 5:619-627 My '66.

Energy spectrum of a disordered linear chain. M. I. A. Mints. Zhur. eksp. teor. fiz. 50 no. 4:1156-1166 Ap '66.

Follow-up problem in the case of bounded pulses of the controlling forces. N. N. Krasovskii, V. E. Tret'yakov. Dif. urav. 2 no. 5:587-589 My '66.

General solution to a polyharmonic equation with an arbitrary number of independent variables. S. N. Pervozvatsky. Dif. urav. 2 no. 5:711-713 My '66.

Integral curves in Darboux's equation. N. A. Lukashovich. Dif. urav. 2 no. 5:628-633 My '66.

The method of averaging and some problems related to averaging. M. M. Khapayev. Dif. urav. 2 no. 5:600-608 My '66.

One characteristic of the solution to the equation $u_{xx} + u_{yy} = u_{zz}$. B. D. Anin. Dokl. AN SSSR 168 no. 5:499-501 My '66.

Positive periodic solutions to differential equations with delayed argument. V. I. Borzdyko. Dokl. AN Tadzh. SSR 9 no. 4:3-5 '66.

Remark on the theory of the Riccati equation. F. I. Grudov. Dif. urav. 2 no. 5:714-715 My '66.

Solution of the Laplace equation in a Penning discharge gap. T. I. Ivanova, G. E. Pustovalov, E. M. Medvedev. Zhur. tekhn. fiz. 36 no. 5:907-912 My '66.

Some properties of generalized solutions to parabolic equations of the second order. A. V. Ivanov. Dokl. AN SSSR 168 no. 1:17-20 My '66.

Symmetry group of solutions to the Klein-Gordon equation in an external vector field. A. A. Grub. Dif. urav. 2 no. 5:688-694 My '66.

Transformations of correctly presented variational problems. A. D. Ioffe. Dokl. AN SSSR 168 no. 2:209-212 My '66.

Use of a certain infinite sequence of functions for integrating differential equations of the type $y' = \frac{Q(x)}{y - P(x)}$.

K. I. Antimonov, G. M. Iashkin. Sbor. trud. Mosk. tekhn. inst. no. 8:30-48 '64.

Using the method of I. N. Vekua in solving the Osceon equations. E. V. Brulatskii. Prikl. mekh. 2 no. 5: 102-107 '66.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Exact evaluations in Rothe's method. V. V. Bohkov, O. A. Liskovets. Dif. urav. 2 no. 5:640-646 My '66.

First boundary value problem for a certain class of equations and systems. V. R. Portnov. Dokl. AN SSSR 168 no. 1:28-31 My '66.

Generalized finite-difference method. T. S. Vashakmadze. Dif. urav. 2 no. 5:614-618 My '66.

Smoothness of thermal potentials. Part 2. L. I. Kharin. Dif. urav. 2 no. 5:647-657 My '66.

Use of the operational calculus method in solving the heat conduction equations for the 5th, 6th, 7th, 8th, and 9th layers of a multilayer system. V. I. Smolin. Sbor. trud. Mosk. tekhn. inst. no. 8:63-72 '64.

Variational equation describing steady creep of shells. I. U. N. Rabotnov. Dokl. AN SSSR 168 no. 2:300-303 My '66.

DIFFERENTIAL EQUATIONS, ELLIPTIC

Majorants of solutions to and uniqueness conditions for elliptic equations. A. D. Aleksandrov. Vest. LGU 21 no. 7:5-20 '66.

Solutions to elliptic equations of the second order. N. V. Krylov. Usp. mat. nauk 21 no. 2:233-235 Mr-Ap '66.

DIFFERENTIAL EQUATIONS, ELLIPTIC—BOUNDARY VALUE PROBLEMS

A priori evaluations of the first derivatives of solutions to the Dirichlet problem for quasi-linear elliptic equations in an infinite region. A. P. Oskolkov. Vest. LGU 21 no. 7:59-62 '66.

DIFFERENTIAL EQUATIONS, LINEAR

Boundedness of the solutions to a linear system of differential equations with variable coefficients. V. V. Korolev. DIF. urav. 2 no. 5:609-613 My '66.

Extended notion of the quasi-conformity of plane mappings and mixed-type linear systems of differential equations. G. A. Kusik, G. D. Suvorov. Dokl. AN SSSR 169 no. 2:280-283 My '66.

Feshchenko, S. F., N. I. Shkil', and L. D. Nikolenko. [Asymptotic methods in the theory of linear differential equations] Asimptoticheskie metody v teorii lineynykh differentsial'nykh uravnenii. Kiev, Naukova dumka, 1966. 250 p.

Group classification of differential equations describing unsteady one-dimensional liquid flow. M. T. Gladyshev. DIF. urav. 2 no. 5:695-700 My '66.

Quasi-linear theory of plasma cyclotron instability. J. Rowlands, V. D. Shapiro, V. I. Shevchenko. Zhur. eksp. teor. fiz. 50 no. 4:979-993 Ap '66.

DIFFERENTIAL EQUATIONS, LINEAR—BOUNDARY VALUE PROBLEMS

Linear parabolic problem in a cylinder infinite with respect to time. Stabilization of solutions. S. Z. Bruk. Usp. mat. nauk 21 no. 2:235-237 Mr-Apr '66.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION GRATINGS

Diffraction of a plane wave on a double grating composed of thin bands. G. Sh. Kevanishvili, D. K. Kvavadze. Zhur. tekhn. fiz. 35 no. 10:1799-1805 O '65.

DIFFUSERS

Causes of blade breakage in a column diffuser. E. T. Kovall, V. A. Vaidov, V. G. Iarmilko. Sakh. prom. 40 no. 5:23-39 My '66.

DIFFUSION

Boron and aluminum diffusion in n-SiC. I. U. A. Vodaikov, E. N. Mokhov, M. B. Rofman. Fiz. tver. tela 8 no. 4:1209-1209 Ap '66.

Determining the coefficients of diffusion of liquids into polymeric materials. O. F. Shlenkii, N. N. Khovanskaya, V. V. Lavrent'ev. Plast. massy no. 5:52-54 '66.

Diffusion extraction from polysperse capillary-porous bodies. M. A. Aptshuler, E. I. Vasilovskaya, B. V. Deriagin. Dokl. AN SSSR 168 no. 2:368-371 My '66.

Diffusion of metastable helium atoms. I. A. Fugol', P. L. Pakhomov. Pis'ma v red. Zhur. eksp. i teoret. fiz. 3 no. 10:389-394 My '66.

Diffusion of oligomers of polyethylene and polyoxypropylene glycol. S. I. Klenin and others. Vysokom. soed. 8 no. 5:892-897 My '66.

Effect of excitation diffusion on conditions of multimodal generation. B. L. Livshits, S. N. Stoltarov, V. N. Tskunov. Dokl. AN SSSR 168 no. 1:72-75 My '66.

Hydrodynamic theory of wall effect in the thermodiffusion separation of polymer solutions. A. I. Koshchuk, M. M. Kuzakov, P. P. Frolov. Vysokom. soed. 8 no. 5:932-937 My '66.

Lambert electrohydrodynamic flow in a shallow diffuser allowing for barodiffusion of a space charge. A. M. Mikhtarian, V. A. Kustanov. Zhur. tekhn. fiz. 36 no. 5:869-867 My '66.

Mutual diffusion in KCl-KBr single crystals in a constant external electric field. I. A. R. Geguzin, V. I. Solomskii, I. U. I. Bolko. Fiz. tver. tela 8 no. 4:1304-1306 Ap '66.

Proof of the existence of an independent diffusion flow along isolated dislocations. P. V. Pavlov and others. Fiz. tver. tela 8 no. 3:725-730 Mr '66.

Self-diffusion of atoms in the surface layer of two-component alloys according to data on the kinetics of scratch healing. I. A. Geguzin, N. N. Ovcharenko, O. N. Rumovskaya. Fiz. met. i metalloved. 21 no. 4:535-540 Ap '66.

Self-diffusion of niobium in certain of its alloys with molybdenum. P. V. Gel'd and others. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:135-141 '66.

Use of the method of reduced time in determining the parameters of the temperature dependence of the diffusion coefficient. L. V. Pavlov, G. V. Grigor'ev. Zav. lab. 32 no. 1:31-34 '66.

DIGESTION

Effect of microelements (Co, Mn, Cu) on the ruminal digestion in lambs. N. U. Bazanova, A. V. Prokudin. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no. 4:68-73 Ji-Ag '64.

DIGESTIVE ENZYMES

Effect of a diet with an increased fat content on the enzyme secreting function of the pancreas. L. S. Fomina. Vop. pit. 23 no. 4:33-45 Ji-Ag '64.

Effect of oleandomycin phosphate on the secretory and enzymatic function of the intestine. G. G. Egorenko. Antibiotiki 11 no. 4:351-354 Ap '66.

DIGESTIVE ORGANS—CONGRESSES

Konferentsia po probleme fiziologii i patologii organov pishchevarenia. [Materials of the Conference on the Problems of the Physiology and Pathology of the Digestive Organs] Materialy. Irkutsk, Irkutskii gos. med. in-1, 1964. 149 p. (DNLM)

DIGITAL INFORMATION TRANSMISSION

Method for calculating accuracy loss in the transmission of digital information in tropospheric radio relay line channels. E. I. A. Ryskin. Elektrosвяз' 20 no. 5:16-20 My '66.

DISOPROPYLAMINE—TOXICOLOGY

Experimental analysis of the permissible limit concentration of diisopropylamine in the water of reservoirs. A. N. Gavrillovskaya, V. P. Laskina, E. V. Faidyash. San. okhr. vod. ot zagr. prom. stoch. vod. no. 7:120-142 '65.

DIKES (GEOLOGY) see subdivision under Salair Range

DIODES, SEMICONDUCTOR

Characteristics of photodiodes produced by silicon bombardment with boron ions. P. V. Pavlov, E. I. Zorin, D. I. Tutel'baum. Fiz. tver. tela 8 no. 3:750-752 Mr '66.

Electroluminescence of silicon carbide diodes. V. I. Pavlichenko, and others. Fiz. tver. tela 8 no. 4:1239-1245 Ap '66.

Polarization of radiation from gallium arsenide diodes. V. N. Altanovskii and others. Fiz. tver. tela 8 no. 4:1091-1096 Ap '66.

Radiative recombination in gallium arsenide diodes. B. M. Val and others. Fiz. tver. tela 8 no. 3:908-911 Mr '66.

Second breakdown and relaxation oscillations in point-contact diodes. A. I. Anupyl'd. Radiotekh. i elektron. 11 no. 5:860-862 My '66.

Some characteristics of coherent radiation from gallium antimonide diodes in a laser. I. V. Kriukova and others. Fiz. tver. tela 8 no. 4:1025-1034 Ap '66.

Use of the charge method in analyzing transients in semiconductor diodes. V. I. Gaman. Izv. vys. ucheb. zav.; fiz. 9 no. 2:110-122 '66.

DIOXANE

Acetaldehyde trimer. 2,4-Dimethyl-6-hydroxydioxane. P. S. Shantarovich, V. D. Lashinova, I. V. Kissin. Zhur. ob. khim. 36 no. 5:784-797 My '66.

Thermal properties of magnesium perchlorate compounds with dioxane and pyridine. L. I. Chudinova, V. P. Trifimovskaya. Zhur. neorg. khim. 11 no. 4:775-780 Ap '66.

DIOXANE—PHYSIOLOGICAL EFFECT

Bactericidal properties of dioxane in respect to *Pasteurella pestis*. G. M. Maliboroda and others. Zhur. mikrobiol., epid. i immun. 43 no. 4:121-125 Ap '66.

DIPETIDES

Free energy of the hydrolysis of peptide bond and the enzymic synthesis of N-acetylpeptide esters. L. V. Kozlov and others. Biokhimiia 31 no. 2:315-321 Mr-Apr '66.

DIPHENHYDRAMINE—PHYSIOLOGICAL EFFECT

Effect of dimedrol on specific immunological reactions in anaphylactic shock; experiments in vivo. V. K. Kozlov. Biol. eksp. biol. i med. 58 no. 9:100-108 S '64.

DIPHTHERIA

Effect of sustained infectious diseases on diphtheria immunity. G. N. Raikhshtat and others. Zhur. mikrobiol., epid. i immun. Zhur. mikrobiol., epid. i immun. 43 no. 4:50-54 Ap '66.

DIPHTHERIA—PREVENTIVE INOCULATION

Effect of phthivazide on immunogenesis in vaccination against diphtheria and whooping cough in children with manifestations of primary tuberculosis. B. I. Roznik. Zhur. mikrobiol., epid. i immun. 41 no. 8:50-54 Ag '64.

DIPHTHERIA ANTITOXIN

Immunological reactivity of radiation chimeras. D. R. Kaulen. Zhur. mikrobiol., epid. i immun. 41 no. 7:117-123 Ji '64.

DIPLOMACY

Pletnev, E. P., ed. [Diplomacy and economic development] Diplomatiia i ekonomicheskoe razvitiie. Moskva, IMO, 1965. 262 p.

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION

(see also subdivision under Kineshma District; Moscow)

Capacity for work in patients of middle and elderly age following myocardial infarction. N. D. Abramova and others. Trudy MOI, Old. biol. 17:30-38 '66.

Disability evaluation after a vitum cordis operation. N. Rachinskaya. Sots. obes. 41 no. 5:32-34 My '64.

Phase analysis of heart contractions in cardiac defects and its significance in the evaluation of working capacity. D. A. Sokolova. Kardiologiya 4 no. 2:48-53 Mr-Apr '64.

Study of morbidity with temporary loss of working capacity based on contingents of patients. V. A. Nesterov. Uch. zap. po stat. 9:17-28 '65.

DISARMAMENT

Shevchenko, A. N. [The disarmament problem at the present-day stage] Problema razoru zhenit na sovremennom etape. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. VII Seriya: Mezh-dunarodniia, no. 9)

DISEASES—REPORTING

Methodological problems of studying general morbidity in the next population census year. A. M. Merkov. Uch. zap. po stat. 9:5-16 '65.

DISINFECTION AND DISINFECTANTS

Bactericidal properties of the aerosols of some disinfectants used in solutions. A. A. Zakomyrdin. Trudy VNIIVS 16:73-79 '66.

Chamber disinfection of synthetic fur articles. A. A. Subbotin, A. G. Prishchep, N. V. Karcev. Zhur. mikrobiol., epid. i immun. 41 no. 8:16-22 Ag '64.

Determining the concentration of methyl bromide. I. A. Morokovich. Zashch. rast. 11 no. 5:50-51 '66.

Disinfection and its role in the system of measures for the eradication and control of infectious diseases. V. I. Vashkov. Zhur. mikrobiol., epid. i immun. 41 no. 8:3-7 Ag '64.

Disinfection in symptomatic anthrax of cattle. S. I. Ismailov. Veterinariia 42 no. 4:96-97 Ap '66.

Disinfection of fur articles with methyl bromide. A. G. Prishchep. Zhur. mikrobiol., epid. i immun. 41 no. 8:13-16 Ag '64.

Materials on the history of veterinary disinfection in Russia. M. G. Tarshis. Trudy VNIIVS 16:170-175 '66.

Methodology for the determination of the bactericidal action of gaseous disinfectants. V. T. Osipkin, N. D. Usupskii. Zhur. mikrobiol., epid. i immun. 41 no. 8:8-12 Ag '64.

Studying the possibilities of using disinfectant aerosols for the decontamination of semicovered objects. A. A. Zakomyrdin. Trudy VNIIVS 16:89-92 '66.

Working out the method for moist disinfection in pasture-lease of poultry. V. G. Zharov, A. A. Pollakov. Trudy VNIIVS 16:110-131 '66.

DISINFECTION AND DISINFECTANTS—EQUIPMENT AND SUPPLIES

Steam and formalin disinfection chamber with a volume of 3m³. A. N. Karaseva, M. A. Uzyalov. Zhur. mikrobiol., epid. i immun. 41 no. 8:16-18 Ag '64.

DISKS, ROTATING—THERMAL PROPERTIES

Convective heat exchange in a closed cavity between two rotating disks under turbulent flow conditions. V. M. Kapina. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:123-129 '66.

DISLOCATIONS IN CRYSTALS

Capture of current carriers in plastically deformed silicon. K. D. Glushuk, N. M. Litovchenko, V. A. Novikova. Fiz. tver. tela 8 no. 3:969-971 Mr '66.

Determining the phenomenological parameters in the dislocation theory for elastic twins in calcite. V. S. Hoiko, R. I. Garber. Zhur. eksp. teor. fiz. 50 no. 4:905-910 Ap '66.

Diffusion-dislocation mechanism of crystal flow. A. M. Kosevich, Z. K. Saralidze, V. V. Slezov. Zhur. eksp. teor. fiz. 50 no. 4:858-870 Ap '66.

Proof of the existence of an independent diffusion flow along isolated dislocations. P. V. Pavlov and others. Fiz. tver. tela 8 no. 3:725-730 Mr '66.

Stopping of dislocations in a medium with elastic modulus dispersion. A. M. Kosevich, V. D. Natsik. Fiz. tver. tela 8 no. 4:1250-1259 Ap '66.

Theory of the initial state of plastic deformation in crystals. A. N. Orlov. Fiz. tver. tela 8 no. 3:832-841 Mr '66.

X-ray diffraction study of dislocations in InSb and GaAs single crystals. M. I. Skorokhod, L. I. Datsenko, A. D. Tkachenko. Fiz. tver. tela 8 no. 3:740-743 Mr '66.

DISLOCATIONS IN METALS

Effect of compression on the susceptibility to imperfections in steel, in creep conditions. V. I. Nikitin. Fiz. met. i metalloved. 21 no. 4:589-584 Ap '66.

DISLOCATIONS IN METALS (Continued)

Effect of electrons on the slowing down of dislocations in metals. V.I.A. Kravchenko. Fiz.tver.tela 8 no.3: 927-935 Mr '66.

Studying the thermally activated movement of dislocations in high purity cast nickel. B.A. Movchan, T.A. Molodkina. Fiz.met.i metalloved. 21 no.4:536-538 Ap '66.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

Sugachev, L.N. [Criminal responsibility for malicious insult] Otvetsvennost' za oskorblenie. Moskva, Juridicheskaya literatura, 1966. 36 p.

DISORDERS OF METABOLISM see Metabolism, Disorders of

DISSERTATIONS, ACADEMIC

Annotated index of dissertations on medical radiology defended in the period 1960-1963. I.A. Astakhov. Med. rad. 11 no.4:88-95 Ap '66.

DISSOCIATION

Thermal dissociation of molecules of sodium chloride and sodium iodide on a tungsten surface. N.I. Ionov, M.A. Miltsev. Zhur.tekh.fiz. 35 no.10:1863-1868 O '65.

Vapor pressure and dissociation of zinc and cadmium sulfides. R.A. Isakova, V.N. Nesterov. Zhur.neorg.khim. 11 no.3:964-970 My '66.

DISTILLATION

Isothermo-isobars and distillation lines in the ternary system acetone-chloroform-water. N.V. Lutugina, L.I. Reshetova, L.P. Semanova. Zhur.prikl.khim. 38 no.8: 1794-1801 Ag '65.

Thermodynamics of rheum distillation from sulfuric acid solutions. K.A. Bol'shakov, V.A. Bardin. Zhur.neorg.khim. 11 no.5:1167-1170 My '66.

DISTILLATION APPARATUS

Analysis of mass transfer in rectification columns by the data of normal operation. L.L. Rotkop, E.M. Trakhtenberg, M.L. Mandel'shteyn. Khim.prom. 42 no.5:389-392 My '66.

Automatic control of the separation of isomylene-isoprene mixtures by the extractive distillation according to quality. A.A. Puchkov and others. Khim.prom. 42 no.5:377-378 My '66.

Selecting the technological flow sheet for the rectification of furfural-containing solutions. I.U. A. T'sirlin, Gidroliz, i lesokhim, prom. 19 no.4:110-113 '66.

DISTILLERY BY-PRODUCTS

Improving the quality of grain starch in the combined method of grain processing to starch and alcohol. E.T. Kleinikov, B.A. Ustinikov, S.I. Gromov. Sakh.prom. 40 no.5:56-61 My '66.

Zabrodskii, A.G. [Producing fodder yeast from molasses sludge] Proizvodstvo kormovykh drozhdzhei iz melassol'nykh barm. Moskva, Pishchevaya promyshlennost', 1966. 171 p.

DISTRIBUTION (PROBABILITY THEORY)

Generalized normal correlation and two-dimensional Fréchet classes. O.V. Sarmanov. Dokl.AN SSSR 168 no.1:32-35 My '66.

DISTRIBUTIVE EDUCATION

Improve the training of personnel in the enterprises-schools. V.Orlov. Sov.potrebn.koop. 19 no.5:36-39 My '66.

We teach in close contact with the activities of commercial enterprises. I.M. Krutkov. Sred.spets.obr. 13 no.4:18-19 Ap '66.

DIURETICS AND DIURESIS

Effect of vitamin B₆ on diuresis in patients with pronounced circulatory disorders. P.I. Komarov, V.S. Novikov, B.A. Onikienko. Kardiologiya 4 no.2:53-55 Mr-Ap '66.

Immediate effect of acetylcholine on kidney function. G.D. Ankin. Biol.eksp.biol.i med. 58 no.12:53-55 D '64.

Mechanism of the diuretic effect of strophanthidin. P.I. Berenskiy, I.V. Konissarov. Farm.i toks. 29 no.2: 196-200 Mr-Ap '66.

DIVORCE

A divorce trial is being held.... S.Kuznetsov. Agitator 34 no.11:59 Je '66.

DNEPROPETROVSK—INDUSTRIAL SAFETY

Zin'kovskii, M.M. [Public Scientific Research Institute of Labor Protection] Obshchestvennyi nauchno-issledovatel'skii institut okhrany truda. [Moskva] Profizdat, 1964. 69 p. (CST-H)

DNEPROPETROVSK PROVINCE—ARCHAEOLOGICAL RESEARCH

First spectrum analysis of copper from the articles of the Dnieper and Donets cultural type. E.N. Chernykh. Krat.soob. Inst.arkheol. no.106:66-68 '66.

DNEPROPETROVSK PROVINCE—GAS, NATURAL

Natural gas for heating drying chambers of beetmille plants. E.M. Buben. Stroi.mat. 12 no.4:24 Ap '66.

DNEPROPETROVSK PROVINCE—PROGRAMMED INSTRUCTION

School of programmed instruction. B.A. Gokhvat. Sred.spets.obr. 13 no.4:19 Ap '66.

DNEPER-DONETS LOWLAND—COAL GEOLOGY

Coal potential of the deep horizons of the Dnieper-Donets Lowland. O.Z. Shirokov and others. Geol.zhur. 24 no.6:49-57 '64.

DNEPER-DONETS LOWLAND—GAS, NATURAL—GEOLOGY

Akademika nauk URSSR, Kiev. [Tectonics and oil and gas potential of the Dnieper-Donets Lowland] Tektonika i neftegazonosnost' Dneprovsko-Donetskoi vpadiny. Kiev, Naukova dumka, 1966. 131 p. (Respublikanskii mezhdunarodnyy sbornik. Seriya "Geologiya i geokhimiya goruchikh iskopaemykh")

DNEPER-DONETS LOWLAND—GEOLOGY, STRATIGRAPHIC

Marker beds of the Moscow stage of the northern bori and adjacent area of the Dnieper-Donets Lowland. V.I. Kelbas. Geol.zhur. 24 no.6:95-96 '64.

DNEPER-DONETS LOWLAND—GEOLOGY, STRUCTURAL

Some supplements concerning the structure of the basement in the southwestern margin of the Dnieper-Donets Lowland. S.M. Riabokon', V.A. Khomenko. Geol.zhur. 24 no.6:58-62 '64.

DNEPER-DONETS LOWLAND—HALOGENS

Potassium magnesium salts of halogen formations in the Dnieper-Donets Lowland. D.P. Khushchov. Geol.zhur. 24 no.6:18-30 '64.

DNEPER-DONETS LOWLAND—MAGNESIUM SALTS

Potassium magnesium salts of halogen formations in the Dnieper-Donets Lowland. D.P. Khushchov. Geol.zhur. 24 no.6:18-30 '64.

DNEPER-DONETS LOWLAND—PALYNOLOGY

Age determination of Paleozoic salts in the southwestern part of the Dnieper-Donets Lowland according to the data of spore-pollen analysis. L.O. Serhieleva. Geol.zhur. 24 no.6:95-98 '64.

DNEPER-DONETS LOWLAND—PETROLEUM GEOLOGY

Akademika nauk URSSR, Kiev. [Tectonics and oil and gas potential of the Dnieper-Donets Lowland] Tektonika i neftegazonosnost' Dneprovsko-Donetskoi vpadiny. Kiev, Naukova dumka, 1966. 131 p. (Respublikanskii mezhdunarodnyy sbornik. Seriya "Geologiya i geokhimiya goruchikh iskopaemykh")

DNEPER-DONETS LOWLAND—SALT DOMES

Age determination of Paleozoic salts in the southwestern part of the Dnieper-Donets Lowland according to the data of spore-pollen analysis. L.O. Serhieleva. Geol.zhur. 24 no.6:95-98 '64.

DNEPER RESERVOIR—FRESHWATER FAUNA

Distribution of microzoobenthos and bottom zooplankton in the biotopes of the Dnieper (Lenin) Reservoir. A.M. Buzakova. Gidrobiol.zhur. 2 no.2:48-48 '66.

DNEPER RESERVOIR—HYDROLOGY

Calculation of side inflow into the Dnieper Reservoir for the spring period and the possibility of forecasting it. I.G. Rubtsov. Trudy UkrNIGMI no.59:21-32 '66.

DNEPER RIVER—ALGAE

Study of the toxicity of some planktonic blue-green algae in the reservoirs of the Dnieper cascade. S.N. Milova. Gidrobiol.zhur. 2 no.2:43-53 '66.

DNEPER RIVER—DREDGING MACHINERY

Modernizing the dredge built after the design 570. M. Variuta. Rech.transp. 23 no.2:58 F '64.

DNEPER RIVER—LAMPREYS

Morphological and some biological characteristics of the Ukrainian lamprey Lampetra mariae (Berg) of the Dnieper River. N.D. Belyi. Zool.zhur. 45 no.4:585-590 '66.

DNEPER RIVER—RESERVOIRS—MICROBIOLOGY

Role of bacteria in self-purification of some Dnieper reservoirs from phenol pollution. A.K. Stolbunov. Gidrobiol.zhur. 2 no.2:26-30 '66.

DNEPER RIVER—WATER—POLLUTION

Role of bacteria in self-purification of some Dnieper reservoirs from phenol pollution. A.K. Stolbunov. Gidrobiol.zhur. 2 no.2:26-30 '66.

DNEPER VALLEY—MOUNDS

Rusanova, I.P. [Burial mounds of the Pollano tribe, from the 16th through the 12th centuries] Kurgany pollan X-XII vv. Moskva, Nauka, 1966. 45 p. (Archeologia SSSR; svod arheologicheskikh istochnikov, no.E1-24)

DNEPER VALLEY—ROCKS, IGNEOUS—ANALYSIS

Behavior of alkali rock forming and accessory elements in the alkali rocks of the Subchany-Perga zone. O.V. Zinchenko. Min.sbor. 19 no.2:208-219 '65.

DNEPER VALLEY—STEEL INDUSTRY—FINANCE

Establishing norms for working capital in ferrous metallurgy. A. Leonov. Don.kred. 24 no.5:43-44 My '66.

DNEPER VALLEY—TERRACES (GEOLOGY)

Structure of low terraces above the floodplain in the lower Dnieper Valley. I.U. M. Vasil'ev. Biol.Kom. chetv.pri. no.32:23-29 '66.

DNESTER RIVER WATERSHED—RUNOFF

Formation of the spring runoff in the Dniester basin. A.V. Shcherbak. Trudy UkrNIGMI no.59:3-9 '66.

DNESTER VALLEY—METALLALLOYSITE

Ferruginous metallalloysite of the Dniester Valley. I.U. M. Mel'nik. Min.sbor. 19 no.2:253-256 '65.

DOCUMENTARY MOTION PICTURES see Motion pictures, Documentary

DOCUMENTATION

Seminar rabotnikov nauchno-tekhnicheskoi informatsii i propagandy, Moscow, 1966. [Problems of the organization and methodology of scientific and technical information and propaganda; according to materials of the Seminar of Workers of Scientific and Technical Information and Propaganda] Voprosy organizatsii i metodiki nauchno-tekhnicheskoi informatsii i propagandy; po materialam. Moskva, Gos. nauchno-tekhn. komitet, 1966. 433 p. (NNC)

DODDER—DISEASES AND PESTS see subdivision under Kazakhstan

DOGS—DISEASES AND PESTS

Sarcomatous tumors of the urogenital vestibule and the vagina in dogs. P.F. Terekhov. Trudy Mosk. vet. akad. 10:47-58 '66.

DOGS AS CARRIERS OF DISEASE

Possible role of dogs in the epidemiology of epidemic hepatitis. Report No.1. N.V. Kisileva. Zhur.mikrobiol., epid.i immun. 41 no.7:59-62 Ji '64.

DOKHOVNIK, LUKA IVANOVICH, d.1942

Fire on himself. V.N. Donnik. Vest.priirovozd.obor. no.5:99-99 My '66.

DOLOMITE

Absorption by dolomite of heavy metal ions. Part 2. M.A. Sarkisyan, S.S. Apiton. Izv.AN Arm.SSR. Khim. nauki 18 no.6:556-558 '65.

DOLPHINS

Blood supply of the atrioventricular valves of the white-bellied dolphin heart. V.V. Sokolov. Zool.zhur. 45 no.4:614-616 '66.

DOMAIN STRUCTURE

Effect of domain boundaries on the nuclear magnetic resonance in antiferromagnetic materials. M.M. Farzulinov. Fiz.met.i metalloved. 21 no.4:487-495 Ap '66.

DOMANYTS'KYI, VIKTOR, 1893-1962

Duchymina kn. Oksana. Viktor Domanyts'kyi. Wlaspig, 1963-1964. 83 p. (U)

DOMESTIC EDUCATION

Important stage in the training of preschool children. F.Borisova. Doslik.vosp. 30 no.4:66 Ap '66.

Precious trifles. I.A. Shur. Sem'ia i shkola 21 no.4: 54-55 Ap '66.

DOMINICAN REPUBLIC—POLITICS AND GOVERNMENT

Washington's Dominican experiment. VI. Zhukov. Nov. vrem. 23 no. 24:7 Je '66.

DON RIVER WATERSHED—SNOW

Grishin, L.S. [Snow cover and calculation of snow floods in the forest-steppe and steppe zones] Snezhnyi pokrov i raschet snegovykh pavoikov v lesostepnoi i stepnoi zonakh. Moskva, Nauka, 1966. 127 p.

DON VALLEY—CLAY

Lower Triassic clay minerals in the middle Don basin. D.S. Zhuteeva. Rent. min. syr. no. 4:184-189 '64.

DON VALLEY—PAINTERS

Rudnikskaya, IU. [Artists of the Don] Khudozhniki Dona. [Leningrad, Khudozhnik RSFSR, 1960] 9 p. illus. (NN)

DON VALLEY—PALEOBOTANY, STRATIGRAPHY

Dorofeev, P.I. [Pliocene flora in the Matanov Garden on the Don] Pliocenovaia flora Matanova Sada na Donu. Moskva, Nauka, 1966. 86 p.

DONETS BASIN—AUDITING AND INSPECTION

[Control by the people; experience with the work of party-state control committees and auxiliary groups in the Donets Basin] Dozor naroda; iz opyta raboty komitetov partino-gosudarstvennogo kontrolya i grupp sodel'stviya v Donbasse. Donetsk, Donbass, 1964. 67 p.

DONETS BASIN—BAPTISTS

The struggle for man. N. Shatilov. Part. zhizn' no. 12: 62-67 Je '66.

DONETS BASIN—COAL—ANALYSIS

Dependence of the color of spores and reflecting properties of vitrinite on the genetic type of coal. A. M. Lapteva. Sov. geol. 9 no. 5:114-121 My '66.

DONETS BASIN—COAL MINES AND MINING

An economic experiment in mines of the "Luganskugol'" Combine. A. P. Stepanov, V. P. Mogil'n, G. A. Dats'. Ugol' 41 no. 5:47-51 My '66.

DONETS BASIN—COAL MINES AND MINING—ECONOMIC ASPECTS

Consolidation of mining areas and the economic service in the "Krasnoluchugol'" Trust coal mines. P. S. Ermachenko. Ugol' Ukr. 10 no. 5:15-16 My '66.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

A town on a "golden" foundations. V. Lysikov. Sov. shakht. 15 no. 4:23-24 Ap '66.

DONETS BASIN—COAL MINES AND MINING—MANAGEMENT

Economic efficiency of the concentration of mining operations in the "Amenskaya" mine. V. T. Radchenko, V. A. Dudko. Ugol' Ukr. 10 no. 5:40-41 My '66.

DONETS BASIN—COAL MINES AND MINING—PRODUCTION METHODS

Mining flat, deep-lying coal seams in the Donets Basin mines. E. Z. Gel'fand, V. E. Kardakov. Ugol' Ukr. 10 no. 5:7-8 My '66.

DONETS BASIN—COAL MINES AND MINING—SAFETY MEASURES

Mining and protecting inclined workings in coal mines of the "Proletarskugol'" Trust. IU. A. Zaitsev, V. P. Gorbunov. Ugol' Ukr. 10 no. 5:23-24 My '66.

Recommendations on controlling rock pressure during the first roof caving in longwalls of steep seams in the Central District of the Donets Basin. A. P. Saltykov, P. K. Biliakov, N. A. Shapoval. Ugol' 41 no. 5:14-20 My '66.

DONETS BASIN—COMMUNIST PARTY OF THE SOVIET UNION

[Control by the people; experience with the work of party-state control committees and auxiliary groups in the Donets Basin] Dozor naroda; iz opyta raboty komitetov partino-gosudarstvennogo kontrolya i grupp sodel'stviya v Donbasse. Donetsk, Donbass, 1964. 67 p.

DONETS BASIN—ELECTRIC POWER DISTRIBUTION—LABOR PRODUCTIVITY

Increase in labor productivity. D. A. Solter, S. L. Bondarman. Elek. sta. 37 no. 3:82-83 Mr '66.

DONETS BASIN—ELECTRICITY IN MINING

Study of the principal components of the daily power consumption of coal mines using as an example the non-gaseous mines of the eastern parts of the Donets Basin. Izv. vyz. uchob. zav.; elektromekh. 9 no. 4:452-462 '66.

DONETS BASIN—ELECTRONIC DATA PROCESSING—COAL MINES AND MINING

Optimal assignment of coal mines to preparation plants. G. P. Kulish, L. F. Luchina, V. I. Khizhnyak. Ekon. i mat. metod. 2 no. 3:446-448 My-Je '66.

DONETS BASIN—ELECTRONIC DATA PROCESSING—COAL PREPARATION PLANTS

Optimal assignment of coal mines to preparation plants. G. P. Kulish, L. F. Luchina, V. I. Khizhnyak. Ekon. i mat. metod. 2 no. 3:446-448 My-Je '66.

DONETS BASIN—FAULTS (GEOLOGY)

Using geophysical prospecting methods in mapping the Volnovakha fault zone in the southern part of the Donets Basin. I. H. Bondarenko. Geol. zhur. 24 no. 6:91-94 '64.

DONETS BASIN—GEOLOGICAL TIME

Age of the basal horizons of the Carboniferous in the southern part of the Donets Basin according to fossil flora data. T. A. Ishchenko. Geol. zhur. 24 no. 6:87-90 '64.

DONETS BASIN—MACHINERY INDUSTRY—RELIABILITY

[Our machines are reliable in operation; practices in improving the reliability of machinery at the machinery plants in the Donets Basin] Nashi mashiny nadozhny v rabote; iz opyta povysheniya nadezhnosti maslin na mashinostroitel'nykh zavodakh Donbassa. Donetsk, Donbass, 1965. 62 p.

DONETS BASIN—ORE DEPOSITS

Methodology of prospecting for ore deposits by directional boreholes. S. M. Akimov, S. I. Kirikilitan. Razved. i okh. nedr. 31 no. 9:44-47 S '65.

DONETS BASIN—PALEOBOTANY, STRATIGRAPHIC

Age of the basal horizons of the Carboniferous in the southern part of the Donets Basin according to fossil flora data. T. A. Ishchenko. Geol. zhur. 24 no. 6:87-90 '64.

DONETS BASIN—PALEONTOLOGY, STRATIGRAPHIC

Akademiya nauk URSS. Kiev. Institut geologicheskikh nauk. [Fauna of the lowest part of the Tourmaisian (zone C₁^{1a}) in the Donets Basin] Fauna nizov Turme (zony C₁^{1a}) Donetskogo basseina. Kiev, Naukova dumka, 1960. 127 p. illus.

DONETS BASIN—PROSPECTING—GEOPHYSICAL METHODS

Using geophysical prospecting methods in mapping the Volnovakha fault zone in the southern part of the Donets Basin. I. H. Bondarenko. Geol. zhur. 24 no. 6:91-94 '64.

DONETS BASIN—ROCKS, SEDIMENTARY

Lithological-facies characteristics of the sediments of the Moscow stage in the Chistiakovo-Snezhnyansk syncline of the Donets Basin. M. T. Kucherenko, S. D. Pozhidatov, B. P. Rudometov. Dop. AN URSS no. 4: 499-502 '66.

DONETS BASIN—STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS

What is a creative thought? E. Solomushin. NTO 0 no. 5: 30 My '66.

DONETS BASIN—VITRINITE

Dependence of the color of spores and reflecting properties of vitrinite on the genetic type of coal. A. M. Lapteva. Sov. geol. 9 no. 5:114-121 My '66.

DONETS ECONOMIC REGION—MACHINE ACCOUNTING

Skripnik, P. M. [Machines do the calculating; experience in the mechanization of accounting and engineering calculations in enterprises of the Donets Economic Council] Schitatut mashiny; iz opyta mekhanizatsii ucheta i inzhenerno-vychislitel'nykh rabot na predpriyatiakh Donetskogo sovnarkhoza. Donetsk, Donbass, 1964. 68 p.

DONETS ECONOMIC REGION—MACHINERY INDUSTRY—MECHANIZATION

[Great benefits from minor mechanization; practices of machinery plants of the Donets Economic Council] Bol'shaia pol'za ot maloi mekhanizatsii; iz opyta mashinostroitel'nykh zavodov Donetskogo sovnarkhoza. Donetsk, Donbass, 1965. 77 p.

DONETSK—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Large-panel high-rise apartment houses. A. Strashnov, V. Reshetov. Stroiarkhit. 14 no. 4:9-10 Ap '66.

DONETSK PROVINCE—BRUCELLSIS

Epidemiology of brucellosis in Donets Province. G. A. Anshchenko. Zhur. mikrobiol., epid. i immun. 41 no. 8:107-111 Ag '64.

DOORS

Semiautomatic unit for processing window and door frames. A. I. Verob'ev. Der. prem. 14 no. 3:21-23 Mr '65.

Standardization of windows and balcony doors. F. Sychevskii. Stroiarkhit. 14 no. 4:27-28 Ap '66.

DOPPLER EFFECT

Differential depression of Fe I levels, and the red shifts of spectral lines at pressures not exceeding 1 atm. O. A. Mel'nikov. Astrofizika 2 no. 4:351-364 D '65. Doppler effect and the maximally resolved line of the Balmer series. L. N. Kur'ochka. Astrofizika 2 no. 1: 131-133 Mr '66.

DOROZHEVA (DZYANSK PROVINCE)—FOLK MUSIC

Kulakovskii, L. V. [Art of the village of Dorozhevo; at the sources of folk theater and music] Iskustvo sela Dorozhevo; u istokov narodnogo teatra i muzyki. Izd. 2, ispr. i dop. Moskva, Muzyka, 1965. 152 p. (WU)

DOROZHIN, NIKOLAI AFANAS'EVICH, 1895-

Birthday and anniversary of a scientist. Zashch. rast. 11 no. 1:61 '66.

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881

Meeting devoted to the 144th anniversary of the birth of F. M. Dostoevskii. V. V. Akop'dzhanova. Izv. AN SSSR. Ser. lit. i inzh. 25 no. 2:178-180 Mr-Apr '66.

DOUBLE REFRACTION see Refraction, Double

DOVATOR, LEV MIKHAILOVICH, 1903-1941

Teleko'nikov, G. A. [Man of legend] Chelovek legendy. Moskva, Znaniye, 1966. 119 p.

DRAINAGE

(see also subdivision under Ukraine; Uzbekistan)

Planning of the Hydraulic Engineering and Land Improvement Section of the All-Union Academy of Agricultural Sciences. N. P. Bolotova. Gidrot. i mel. 18 no. 5:54-57 My '66.

Seasonal freezing of soils and drainage of excessively wet soils. V. N. Turbin. Vest. sel'khoz. nauk 11 no. 2:69-74 F '66.

DRAINAGE—ECONOMIC ASPECTS

The economic efficiency of capital investments should be improved. N. Ovsianikov. Sel'stroi. 18 no. 4:14-16 Ap '64.

DRAINAGE—EQUIPMENT AND SUPPLIES

Mechanization of the cleaning of drainage canals of a regulating network. E. D. Tomlin. Vest. sel'khoz. nauk 11 no. 4:61-65 Ap '66.

Regulating the working part for the trenchless construction of a subsurface drainage. V. S. Kazakov. Vest. sel'khoz. nauk 11 no. 2:81-84 F '66.

DRAINAGE, HOUSE

Krutenkov, P. S., and A. I. Khokhlov. [Drainage structures in railroad stations] Vodootvodnyye sooruzheniia na zheleznodorozhnykh stantsiakh. Moskva, Transport, 1966. 243 p.

DRAINAGE, SURGICAL

Dynamics of pressure in tetry with external drainage. Vest. khir. 96 n

Modification of a vinyl drainage of the lateral nethrokhia. 30 no. 2:6

DRAVERT, PETR LIUDC

Kuznetsova, L. I. [Met meteoritami. Moskva 149 p. (NNC)]

DRAWING—INSTRUCTION

Konopleva, M. S. [Dipl correspondence student pedagogical institutes] dlia studentov-zhuchel'skikh fakul'tetov pedagog. Prosveshchentiye, 1965.

What is the meaning of 'Doshk.vosp. 30 no. 4

DRAWING (METALWORK

Effect of certain factors drawing machines. IU Stal' 26 no. 5:444-446 Experience in producing Chiburaev and others. '66.

DRAWING (METALWORK) (Continued)

Possibility of using slip lines to determine stress fields during drawing. V.G. Kovalev. *Kuz.-stann., proizv.* 8 no. 5:17-19 My '66.

Straightening of cold-drawn tubes before heat treatment. N.M. Kolpovskii and others. *Metallurg* 11 no. 5:33 My '66.

DRAWING (METALWORK), EFFECT OF TEMPERATURE ON

Thermal conditions for obtaining thin-walled products from a melt. V.M. Gol'dfarb and others. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:155-161 '66.

DRAWINGS

Leningrad, Ermitazh. [State Hermitage; drawings, watercolors] *Gosudarstvennyi Ermitazh; risunki, akvareli. [Avtor-sost. M.V. Dobroklonskii] Moskva, Sovetskii khudozhnik [1965] 1 v. (chiefly illus.) [In Russian and English] (Khudozhestvennye sokrovishcha SSSR)*

DREAMS

Recent data on sleep and dreams. F.M. Rutman. *Priroda* 55 no. 5:62-64 My '66.

DREDGING MACHINERY

(see also subdivision under Dnieper River)

New bucket system of dredges. G.Orlov. *Mor. flot* 26 no. 4:33 Ap '66.

Pulp-analyzing apparatus "electrooptometer DII" N. Demichev. *Rech. transp.* 23 no. 4:55-57 '66.

DREDGING MACHINERY—ELECTRIC DRIVING

Synchronous drive on a suction dredge. V.T. Chernikov. *Stroitel'nikh. Uzb.* 7 no. 3:4-6 My '66.

DRESSMAKING—PATTERN BOOKS

[Festive clothes for all] *Peetrovald kogile. Tallinn, Kunst, 1964, 1 v. (chiefly illus.) pattern (insert). [In Estonian]*

DRIED FISH see Fish, Dried

DRIED FRUIT see Fruit, Dried

DRILLING AND BORING

Calculating cutting forces in high-speed counterboring of deep holes. B.T. Gutin. *Za tekh. prog.* 6 no. 4:30-32 Ap '66.

Effect of basic geometrical errors of a machine tool and the adjustment of cutting-tool position in an automatic line on the precision of drilling coordinated holes. V.F. Bakharov. *Izv. vys. ucheb. zav.; mashinost.* no. 11:116-123 '64.

Investigating the drilling process in machining steel. P.G. Alekseev. *Izv. vys. ucheb. zav.; mashinost.* no. 11:154-161 '64.

DRILLING AND BORING MACHINERY

Drills for nonmetallic materials. N. Skitarov. *Tekh. v sel'khoz.* 26 no. 4:62-63 Ap '66.

DRILLING MUDS

(see also subdivision under Caucasus, Northern)

Device for making cement slurries. I.A. Kapustin. *Mash. i neft. obr.* no. 4:12-14 '66.

Effect of certain factors on the setting rate of cement slurries under dynamic conditions. A.IA. Lipovetskii, V.S. Danilushavskii, I.A. Vardichev. *Trudy MINKHIGP*

operites of clay muds. *Trudy MINKHIGP*

cells with hydrofilic D'iaev. *Izv. AN Azerb.* 3-76 '65.

muds, G.G. Gabriel' 33-35 Ap '66.
rate and the flow Shadrin, E.M. Solo- 3-119 '66.

ure of weighting agents. 15 My '66.

using hydrolyzed Zlotnik. *Neftianik*

Hexane emulsion for muds. V.A. Syvirdov. 44 no. 4:68-71 Ap

rigating flushing and 3, M. Solov'ev. *Trudy*

drilling. V.A. Serpen- rev. *Neft. khoz.* 44

DRILLING MUDS—DENSITY

Controlling the specific gravity of cement slurries. E.M. Solov'ev. *Trudy MINKHIGP* no. 60:79-87 '66.

DRILLING MUDS—FLUID DYNAMICS

Investigating the flow of aerated fluids containing surface active substances in the ring channel during the rotation of the internal cylinder. E.G. Leonov, B.S. Filatov, I.U.P. Finalet'ev. *Trudy MINKHIGP* no. 60:46-56 '66.

DRILLING MUDS—MEASUREMENT

Unit for remote measurement of structural viscosity and maximum dynamic shear stress of drilling fluids for drilling oil and gas wells. I. D. Gurdzhinian, M.A. Kadyrov. *Za tekh. prog.* 4 no. 12:5-7 D '64.

DRONOV, ALEKSANDR VASH'EVICH

Creators. V. Matreshin. *Sov. voen* 48 no. 10:32-35 My '66.

DROPPING MERCURY ELECTRODES see Electrodes, Dropping mercury

DROSOPHILA

Effect of short-lived heating of *Drosophila melanogaster* females carrying forked mutation on the expression of characters of this mutation in a number of succeeding generations. P. G. Svetlov, G. F. Korsakova. *Dokl. AN SSSR* 168 no. 1:191-194 My '66.

DRUG INDUSTRY

(see also subdivision under Lugansk; Ukraine)

Supplies of medical production to meet the demands in 1966. I.A. Dmitriev. *Apt. delo* 15 no. 2:3-6 Mr-Ap '66.

DRUGS

Label writing. V.A. Lanina. *Farmatsev. zhur.* 19 no. 2:93 '64.

More attention to the assorted minimum of drugs. *Farmatsev. zhur.* 21 no. 2:3-5 '66.

New medicinal substances. I. M. Kravchenko, O. K. Pohrebnik. *Farmatsev. zhur.* 21 no. 2:84-88 '66.

DRUGS—ADULTERATION AND ANALYSIS

Determination of some medicinal mixtures by the paper chromatography method. N.G. Urova. *Apt. delo* 15 no. 2:70-72 Mr-Ap '66.

Identification of some derivatives of barbituric acid by the crystalloscopic method. V.O. Chubenko. *Farmatsev. zhur.* 19 no. 2:69-73 '64.

Method of flame photometry and the possibilities of its use in pharmaceutical analysis. N.T. Bubon. *Apt. delo* 15 no. 2:73-77 Mr-Ap '66.

Microcrystalloscopic reactions to diazine and their use in the study of medicinal mixtures. D.IU. Rohovskiy. *Farmatsev. zhur.* 21 no. 2:34-37 '66.

Spectrophotometric and photoelectrocolorimetric determination of cortisone acetate and its medicinal forms with 2, 3, 5-triphenyltetrazolium chloride. E.I. Kovalenko. *Farmatsev. zhur.* 20 no. 3:17-23 '65.

Spectrophotometric determination of papaverine hydrochloride, dibazol, and theobromine in tablets. T.E. Gulimova. *Apt. delo* 15 no. 2:43-48 Mr-Ap '66.

Use of high-frequency measurements for the inspection of medicinal substances. R.P. Artamonov, I.E. V. Buhretseva. *Farmatsev. zhur.* 19 no. 2:28-32 '64.

Use of trifluorobismuth in pharmaceutical analysis. N.P. Shevchenko. *Farmatsev. zhur.* 19 no. 2:73-75 '64.

DRUGS—EFFECT ON MICRO-ORGANISMS see Micro-organisms, Effect of drugs on

DRUGS—PRESERVATION

Accelerated determination of the storage time of pharmaceutical preparations. I.S. Simon, I.U.V. Shostenko. *Farmatsev. zhur.* 19 no. 2:13-17 '64.

Accelerated method for the determination of storage dates for "Nikoverin" tablets. M.V. Shostin, S.A. Nosovits'ka. *Farmatsev. zhur.* 21 no. 2:54-56 '66.

DRUGS—STANDARDS

[Inter-republic technical standards for drugs] *Mezhresp. tekhn. ust. na lek. sred.* no. 3 '64.

DRUGSTORES

(see also subdivision under Chigirin, Ukraine; Ivano-Frankovsk Province; Moscow; Poltava Province; Ukraine)

Equipment of the experimental drugstore of the Central Scientific Research Pharmaceutical Institute. E.G. Tarvetskii, E.I. Panchenko. *Apt. delo* 15 no. 2:6-18 Mr-Ap '66.

Experience in the work of managing the drugstore network in a district. O.F. Honcharov. *Farmatsev. zhur.* 19 no. 2:86-87 '64.

DRUGSTORES—ACCOUNTING

Statistical methods for computing the work input in the preparation of medicinal substances in drugstores. L.S. Mil'man, T.M. Rassokha, K.F. Kulosh. *Farmatsev. zhur.* 19 no. 2:17-21 '64.

DRUGSTORES—EQUIPMENT AND SUPPLIES

Mechanization and rationalization of drug preparation in drugstores. I.O. Muraviov, V.O. Kobrin, V.O. Pinchuk. *Farmatsev. zhur.* 19 no. 2:7-13 '64.

DRUGSTORES—TAXATION

Comparative characteristics of methods for determining sales tax. R.I. Hutman. *Farmatsev. zhur.* 20 no. 3: 88-89 '65.

DRYING

The Second All-Union Scientific Technical Conference on the Intensification of Drying Processes in the Chemical and Bordering Industries. V.L. Shevel'kov. *Izsh. -fiz. zhur.* 10 no. 5:66-70 My '66.

Some aspects of radiation drying of paint and varnish coatings on wood. B.G. Panin. *Sbor. trud. Mosk. tekhn. inst.* no. 8:119-137 '64.

DUBROVKA REGION (LENINGRAD PROVINCE)—KITCHEN FURNITURE

Set of kitchen furniture made by the Dubrovka House Construction Combine. V.N. Ioz. *Der. prom.* 14 no. 3:29 Mr '65.

DUCKS see subdivision under Lithuania

DUCKWEED

Flavonoids of the lesser duckweed. O.I. Tykhonov and others. *Farmatsev. zhur.* 20 no. 3:53-55 '65.

DUCTUS ARTERIOSUS

Results of surgical treatment of patent ductus arteriosus. V.A. Kondzhartina. *Grud. khir.* 8 no. 2:117-118 Mr-Ap '66.

DULOV, VSEVOLOD IVANOVICH, 1913-1964

In memory of Vsevolod Ivanovich Dulov. *Izv. SO AN SSSR* no. 5, Ser. obshchestv. nauk no. 2:145-146 '64.

DUNITE

Problem of dunite. A.A. Filimov. *Sov. geol.* 9 no. 5:13-17 My '66.

DUODENUM—RADIOGRAPHY

Clinical and X-ray examination of the stomach and duodenum in grave forms of scoliosis. I.A. Rits. *Vest. khir.* 86 no. 4:52-56 Ap '66.

DURALUMIN—FATIGUE

Effect of the cladding layer on the fatigue process in duralumin. A.V. Karlashov, V.P. Tokarev, A.P. Batov. *Fiz. khim. mekh. mat.* 1 no. 5:707-711 '65.

DUST—REMOVAL

Studying the direct-flow dust concentrator with a multi-shovel grate. V.I. Ignat'ev, A.V. Kuz'mykov. *Ugol* 41 no. 5:69-70 My '66.

DUST COLLECTORS

Adjustment of the dust removing equipment of the Vlasov Stone Crushing Plant. F.O. Kupervasser. *Energ. stroi.* no. 3:106-109 '65.

DVORNIKOV, PROKOFII IGNAT'EVICH, 1905-

Prokofii Ignat'evich Dvornikov. N. Sokolova. *Vest. sel'khoz. nauki* 10 no. 12:136 D '65.

DWELLINGS—DESIGN AND CONSTRUCTION see subdivision under Carpathian Mountain region

DYES AND DYEING

Acid metallic 1:2 complex dyes dyeing from neutral baths. *Tekst. prom.* 26 no. 5:81-82 My '66.

Color of dyes and steric hindrances in their molecules. A.I. Kiprianov, G.G. Diadiusha, F.A. Mikhailenko. *Usp. khim.* 35 no. 5:823-852 My '66.

Effect of the components of vat dye pastes on the stability of water-oil type emulsions. V.V. Kovalev, A.V. Sotnikov, F.I. Sadov. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:120-125 '66.

Technology of the preparation of complex powders with dyeing and dyed substances. H.P. Pivnenko, I.M. Perlov, V.O. Soboleva. *Farmatsev. zhur.* 21 no. 2: 46-50 '66.

DYES AND DYEING—CELLULOSE

Analyzing the diffusion of direct dyes in cellulose materials at temperature over 100°C. B.N. Mel'nikov, M.N. Kirillova, P.V. Moryganov. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:108-114 '66.

DYES AND DYEING—CHEMISTRY

Nikolenko, L.N. [Laboratory work on intermediate products and dyes] *Laboratornyi praktikum po promyshlennym produktam i krasitel'm. Izd. 2., ispr. Moskva, Vysshaya shkola, 1965. 342 p.*

DYES AND DYEING—COTTON

Method for fast dyeing and simultaneous crease-resistant finishing of cotton fabrics. L. S. Shmeleva and others. Tekst. prom. 29 no. 5:78-80 My '66.

DYES AND DYEING—RAYON

Photoconductivity of dyed fibrous materials. I. P. Fedotov, B. M. Iavorskii. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:115-119 '66.

DYNAMICS

[Qualitative theory of dynamic systems of the second order.] Kachestvennaya teoriya dinamicheskikh sistem vtorogo porjadka. [By] A. A. Andronov i dr. Moskva, Nauka, 1966. 568 p.

DYNAMICS—PROGRAMMED INSTRUCTION

Doroshkevich, A. M. [Dynamics; a programmed textbook. Talks 1-3] Dinamika; programirovannoe uchebnoe posobie. Beseda 1-3. Moskva, Mosk. poligr. in-t, 1965. 123 p. (i.e., in 3 v.)

DYNAMICS OF A PARTICLE

Autoresonance acceleration of a particle in an inhomogeneous medium. I. A. Giliński. Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:407-410 '66.

Effect of radiation damping on the motion of a relativistic particle in a homogeneous magnetic field. G. E. Gornet. Dokl. AN SSSR 168 no. 1:63-64 My '66.

Equation for the statistical dynamics of flotation processes. V. I. Melikh. Obog. rud. 11 no. 1:26-28 '66.

Interaction of particles in pulp during flotation. I. I. Maksimov, V. I. A. Khaiman. Obog. rud. 11 no. 1:22-26 '66.

DYNAMOS see Electric generators

DYSENTERY

Clinical and morphological characteristics of anaerobic dysentery in lambs. P. D. Ustarkhanov. Veterinarin 42 no. 4:37-40 Ap '66.

Comparative study of specific immunity in children with different courses of the convalescence period following acute form of dysentery. A. S. Anikinskaya, Zhur. mikrobiol., epid. i immun. 43 no. 4:27-30 Ap '66.

Dynamics of the phage titer growth reaction in dysentery. M. R. Zak, L. A. Vorontsova. Zhur. mikrobiol., epid. i immun. 41 no. 7:95-98 Ji '64.

Epidemiological effectiveness of planned phage treatment in day nurseries. M. I. Kagan and others. Zhur. mikrobiol., epid. i immun. 41 no. 7:99-102 Ji '64.

Epidemiology of repeated cases of dysentery. N. S. Orakova, L. G. Ostrova. Sov. med. 20 no. 8:114-115 S '64.

Experimental data on the effect of aminazine on some indicators of the reactivity of the organism to dysentery intoxication. P. D. Kata. Azerb. med. zhur. 42 no. 5: 32-37 My '66.

Use of colibacterin. V. V. Dobrovolskaya, E. E. Vasil'eva. Zhur. mikrobiol., epid. i immun. 41 no. 6:20-31 Ag '64.

DYSENTERY—MICROBIOLOGY

Results of studying a syntrophic medium in isolating dysentery bacilli. A. B. Chernomorduk. Zhur. mikrobiol., epid. i immun. 41 no. 7:148 Ji '64.

DYSENTERY—PREVENTIVE INOCULATION

Stimulation of antidysentery immunity with acetoxon. E. S. Gorbunova. Antibiotiki 11 no. 4:354-356 Ap '66.

DYSPEPSIA

Histochemical examinations in dyspepsia in newborn calves. V. P. Shishkov. Veterinarin 42 no. 4:70-79 Ap '66.

Prophylaxis and treatment of dyspepsia in young livestock, according to materials received at the editorial office. Veterinarin 42 no. 4:60-70 Ap '66.

Results of prevention and treatment of dyspepsia in calves. A. I. Pomin, V. A. Vartanov. Veterinarin 42 no. 4:6 Ap '66.

Treatment of dyspepsia in calves. A. V. Troshikhin. Veterinarin 42 no. 4:71-72 Ap '66.

DYSPEPSIA—ANALYSIS

Use of pyrazolone derivatives for fluorimetric determination of dyspepsia. M. A. Tishchenko and others. Ukr. khim. zhur. 32 no. 5:506-513 '66.

DZHALIL, MUSA, 1906-1944

Schiz pisatel' Tatarli. [Musa Dzhallil; on the 60th anniversary of the poet hero's death] Musa Dzhallil; k 60-letiyu so dnya rozhdeniya poeta-geroia. Kazan', Gazetno-zhurnal'noe izd-vo Tatarskogo Obkoma KPSS, 1966. 41 p.

DZHALIL, MUSA, 1906-1944—BIBLIOGRAPHY see Bibliography—Dzhallil, Musa, 1906-1944

DZHEZKAZGAN REGION (KAZAKHSTAN)—PROSPECTING

Basis for the efficient methodology of prospecting for Dzhezkazgan-type deposits. L. V. Koplatkevich, S. Sh. Seifullin. Izv. AN Kazakh. SSR, Ser. geol. 23 no. 1:3-10 Ja-F '66.

DZHEZKAZGAN REGION (KAZAKHSTAN)—WATER SUPPLY

Results of studying underground waters for water supply in the Dzhezkazgan industrial region. M. A. Khordikainen. Razved. i okh. nedr. 31 no. 9:41-43 S '65.

DZUNGARIAN ALATAU—GLACIERS

Cherkasov, P. A. [Dzungarian Alatau; morphometry of glaciers. Height of the firn line. Movement, change of surface altitudes and spatial conditions of glaciers. Ablation of glaciers] Dzhungarskii Alatau; morfometriya lednikov. Vysota firnovoi lini. Dvizhenie, izmeneniye vysoty poverkhnosti i prostanstvennyye sostoyaniya lednikov. Ablyatsiya i stok s lednikov. Moskva, 1962. 136 p. (Materialy glatsiologicheskikh issledovaniy Otdela geografii Akademii nauk Kazakhskoi SSR)

DZUNGARIAN ALATAU—METEOROLOGY—OBSERVATIONS

Akademiya nauk Kazakhskoi SSR, Alma-Ata. Otdel geografii. [Dzungarian Alatau; meteorology] Dzhungarskii Alatau; meteorologiya. Moskva.

No. 1. Cherkasov, P. A. [Basic meteorological and actinometric observations] Osnovnye meteorologicheskie i aktinometricheskie nabludeniya. 1962. 174 p.

No. 2. Cherkasov, P. A. [Gradient observations] Gradientnye nabludeniya. 1962. 127 p. (Ilg. Materialy glatsiologicheskikh issledovaniy)

EARTH—CONGRESSES

All-Union Seminar on the Magnetotelluric Study of the Structure of the Earth's Crust and Mantle. D. A. Mikhankin. Izv. AN Kazakh. SSR, Ser. geol. 23 no. 1: 85-86 Ja-F '66.

EARTH—SURFACE see subdivision under Aral Sea; Azerbaijan; Kopetdag region

EARTH CURRENTS

Mapping of the roof of low-resistance sediments using the method of telluric currents. I. A. Iakovlev. Prikl. geofiz. no. 43:60-69 '65.

EARTH DAMS

(see also subdivision under Russia, Northern)

Evaluation of the soils of earth dams. N. A. Natis. Trudy Leningradskogo gos. univ. 2:160-167 '65.

Irregular deformations in earth dams according to data from in situ observation. I. M. Vasil'ev, D. M. Tartakovsky. Trudy LPI no. 257:110-115 '65.

Laboratory studies of the permeability strength of the transition areas of rock-fill dams. G. I. A. Butanov. Trudy LPI no. 257:116-120 '65.

EARTH MOVEMENTS AND BUILDING

Observations of the settling of buildings and structures with the NV-1 level. Prom. stroi. 43 no. 5:44-46 '66.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE

Akademiya nauk SSSR. Institut fiziki Zemli. [Problems of abyssal heat flow] Problemy glubinnogo teplovogo potoka. Moskva, Nauka, 1966. 142 p.

Frolov, N. M. [Temperature regime of the heliogeothermal zone] Temperaturnyi rezhim geliotermozony. Moskva, Nedra, 1966. 155 p. (insert)

Heat flow at the bottom of a water area. I. A. B. Smirnov. Dokl. AN SSSR 168 no. 2:428-431 My '66.

Heat flow on continents. D. G. Polak, I. A. B. Smirnov. Dokl. AN SSSR 168 no. 1:170-172 My '66.

EARTHMOVING MACHINERY

Effectiveness of using the SSA-2 two-bar machine. I. M. Iskenderov. Mekh. stroi. 22 no. 4:18-20 Ap '65.

EARTHQUAKES

Calculation of tremors of the points of the earth's surface from earthquakes in the surrounding area. E. U. V. Ruzhichenko. Izv. AN SSSR. Fiz. zem. no. 5:16-32 '66.

EARTHQUAKES AND BUILDING (see also subdivision under Japan)

Experimental device for studying the seismic vibrations of extended structures. A. Grossman. Stroi. i arkhitekt. Sred. Az. 1 no. 7:23-25 Ji '64.

Housing construction in earthquake districts. D. Skrinshil. Zhil. stroi. no. 8:10-11 '64.

New calculation graphs, calculation methods, and principles for constructing buildings in seismic regions. V. Egunov, T. Komandrina. Prom. stroi. i inzh. soor. 6 no. 3:48-52 My-Je '64.

Prestressed reinforced concrete in earthquake-proof construction. I. V. Danilevich, G. N. Stavrov. Bet. i zhel.-bet. 12 no. 3:38-42 Mr '66.

EARTHS, MEDICAL AND SURGICAL USES OF

Morphological changes in animal skin under the effect of various peloids. V. V. Solov'ev. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 5:400-407 S-O '64.

Mud therapy combined with rectal novocaine treatment in inflammatory gynecological diseases. E. E. Korenevskaya. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 5: 439-442 S-O '64.

EARTHWORK—TABLES, CALCULATIONS, ETC.

Making graphs and the calculation of circular excavation slopes having a plane profile. V. I. Pushkarev. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:20-33 '66.

EAST (FAR EAST) see Far East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EBURNAMONINE

Pharmacology of the alkaloid eburnamonine. E. A. Trutneva, V. V. Berezhninskaya. Farm. i toks. 29 no. 2:171-174 Mr-Apr '66.

ECHINODERMATA—EMBRYOLOGY see Embryology—Echinodermata

ECLIPSES, LUNAR—1963

Observations of the total lunar eclipse of December 30, 1963. V. F. Chistiakov. Blat. VAGO no. 37:20-23 '65.

Photoelectric observations of the lunar eclipse of July 6-7, 1963. V. I. Gonorov, V. G. Riasnyl. Blat. VAGO no. 37:17-19 '65.

ECLIPSES, SOLAR

Determining the position of the moon more accurately from the boundary of the lunar shadow during a total solar eclipse. A. B. Marinkikh. Blat. VAGO no. 37: 37-45 '65.

ECLIPSES, SOLAR—1961

Isophots of the solar corona observed during the total eclipse of February 15, 1961. O. G. Badalian and others. Blat. VAGO no. 37:3-8 '65.

ECLIPSES, SOLAR—1965

Traveling to the Pacific Ocean for solar eclipse observations. P. V. Shecheglov. Priroda 55 no. 5:71-81 My '66.

ECLOGITE see subdivision under Ural Mountains

ECOLOGY

Akademiya nauk USSR, Kiev. Institut biologii iuzhnykh morei. [Ecologic and morphologic studies of nektonic animals] Ekologo-morfologicheskie issledovaniya nektonnykh zhivotnykh. Kiev, Naukova dumka, 1966. 135 p. (Respublikanskii mezvedomstvennyi sbornik. Seriya "Biologiya moria")

Modern ecology and its status among biological sciences. E. I. Strelnikov. Uch. zap. TGPI 21:75-92 '64.

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY

Runde, Otto. [Bread for six billions; mankind at the threshold of the third millennium: problems, forecasts, prospects. Translated from the German] Khleb dlia shesti milliardov; chelovechestvo na poroge tret'ego tysyachetletia: problemy, prognozy, perspektivy. Pod obshchey red. M. I. A. Lemesheva. Moskva, Progress, 1965. 310 p. (NoD)

ECONOMIC HISTORY—CONGRESSES

Statistikai Tudomanyos Konferencia, Budapest, 1961. [Balances of interbranch relations; their compilation and use. Reports of Section "A." Translated from the Hungarian] Balansy mezgazdaslegyi szallaz; postroenie i primeneniye. [Doklady sektora "A." Pod red. O. D. Protosenko. Moskva] Statistika, 1966. 265 p.

ECONOMIC RESEARCH

(see also subdivision under Ukraine)

A new council for academic problems. A. Eromin, A. Mart'ynov. Vop. ekon. no. 4:156-157 Ap '66.

ECONOMICS

Commodity and monetary relations under socialism and their use in the building of communism. D. Allakhverdian. Vop. ekon. no. 4:100-118 Ap '66.

Development of commodity and monetary relations during the period of the large-scale building of communism. N. Shabanova. Ekon. i zhizn' 8 no. 4:12-15 Ap '66.

ECONOMICS (Continued)

Excerpts from the rough draft of K. Marx's manuscript "Zur Kritik der Politischen Ökonomie." Vop. filos. 20 no. 5:131-142 '66.

Khar'kov, Universitet. [Development of socialist economy in the postwar period] K voprosam razvitiia sotsialisticheskoi ekonomiki v poslevoennii period. Khar'kov, 1964. 184 p. (CSU-H)

Moscow, Universitet. Kafedra politicheskoi ekonomii gumanitarnykh fakul'tetov. [Textbook for a course in political economy for evening and correspondence school students of State Moscow University] Uchebnoe posobie po kursu politicheskoi ekonomii dlia studentov vechernego i zaocnogo obucheniia MGU. [Moskva] Izd-vo Mosk. univ.

No. 4. [Socialist means of production] Sotsialisticheski sposob proizvodstva. Part 1. 1964. 224 p.

A new work on the history of economic thought. V. Oreshkin, N. Shukhov. Vop. ekon. no. 4:150-151 Ap '66.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—CONGRESSES

Soviet economists' meeting. Vop. ekon. no. 4:144-145 Ap '66.

ECONOMICS—MATHEMATICAL MODELS

Expressing the ideas of reflection and development in a mathematical form. O. V. Shukhailin. Filos. probl. such. prirod. no. 2:3-19 '64.

Reflection of amortization in the schemes for the expanded reproduction of the national economy. D. I. Oparin. Trudy LIEI no. 58:27-38 '66.

ECONOMICS—STUDY AND TEACHING

(see also subdivision under Leningrad)

Scholars-popularizers. N. Kh. Vop. ekon. no. 4:156-157 Ap '66.

Solving the problems in the economics course. V. A. Pan'chukov. Sred. spets. obr. 13 no. 4:36-37 Ap '66.

ECONOMICS, MATHEMATICAL

Amortization deductions and the evaluation of the efficiency of the new equipment in the system of optimal planning. L. V. Kantorovich. Trudy LIEI no. 58:3-11 '66.

Balance of labor expenditure as a method for the improvement of branch planning in an economic region. R. M. Ioffe. Trudy LIEI no. 58:39-42 '66.

Calculated evaluations and price determination. M. M. Golanskii. Ekon. i mat. metod. 2 no. 3:340-350 My-Je '66.

Elements of the calculation of optimal planning for workers' stations in the assembly line. A. I. Neimark, V. G. Golova. Trudy LIEI no. 58:166-176 '66.

The interbranch balance and the national economic plan. B. A. Volchikov. Ekon. i mat. metod. 2 no. 3:430-438 My-Je '66.

Klebanov, I. F. [Combinatorial method for solving a class of problems on the distribution of enterprises] Kombinatornyi metod resheniia odnogo klassa zadach razmeshcheniia predpriiati. Minsk. [Redaktsionno-izdatel'skii Sovet Vychislitel'nogo tsentra pri Gosplane BSSR] 1965. 17 p.

Management procedures and currency circulation. A. S. Solov'ev. Ekon. i mat. metod. 2 no. 3:380-389 My-Je '66.

Methods for the study of operations in the solution of economic problems. N. N. Vorob'ev. Trudy LIEI no. 58:177-180 '66.

...the planning of the distribution of enterprises in the planning of the national economy. Matema-
ticheskaia sel'skokho-
zaystvennaia ekonomika.

Dem'ianov, 3:406-417

of Industrial
t. metod.

ssing enter-
vance in 1970.
t. metod.

stry. V. I.
2 no. 3:410-

system for
n. Ekon. i

gulation and
problems.
'65.

SSES
lication of
he use of
of Industrial
metod. 2

ECONOMICS, MATHEMATICAL—STUDY AND TEACHING

see subdivision under Bakuriani (Georgia); Leningrad

EDEMA

Aldosterone antagonists in the treatment of cardiac edema. V. A. Konotachenko, E. N. Gerasimova. Kardiologiya 4 no. 2:76-86 Mr-Apr '64.

Correlation between the fibrinolytic activity of blood and the development of inflammatory edema of the ear in rabbits. O. Iu. Tokarev, L. L. Romanovskii. Pat. fiziol. i eksp. terap. 10 no. 2:82-83 Mr-Apr '66.

EDUCATION

(see also subdivision under Chuvashia; Czechoslovakia; Ethiopia; Kurak; Rumania; Siberia; Ukraine)

All-round development of personality. M. A. Verchenko. Sov. pedagog. 30 no. 4:32-44 Ap '66.

Along Lenin's path toward communism. Nach. shkola 34 no. 5:3-7 My '66.

Comments by the delegates to the 23d Congress of CPSU. K. B. Bilalov, L. M. Rybina, I. P. Semenov. Sred. spets. obr. 13 no. 4:2-4 Ap '66.

In the Ministry of Education of the R. S. F. S. R. Nach. shkola 34 no. 5:95-96 My '66.

Konstantinov, N. A., E. N. Medynskii, and M. F. Shataeva. [The history of education; a textbook for institutions of higher pedagogical education] Istoriia pedagogiki; uchebnik dlia pedvuzov. Izd. 3., dop. i perer. Moskva, Prosveshchenie, 1960. 453 p.

Kurm, H. [Problems in comparative pedagogy] Vordle-va pedagogika kusinasi. Tartu, Tartu Riiklik Ülikool, 1964. 102 p. [In Estonian]

Lessons of the cultural revolution in the Soviet Union. M. Kim. Kommunist 43 no. 8:44-57 My '66.

Resolutions of the Congress as the program for our era. P. T. Tron'ko. Rad. shkola 45 no. 5:1-9 My '66.

Under Lenin's banner toward communism. Doslik. vosp. 39 no. 4:3-5 Ap '66.

Urgent problems of educational personnel. Nar. obr. no. 5:2-7 My '66.

EDUCATION—EXPERIMENTAL METHODS

Landa, L. N. [Algorithms and teaching] Algoritmitza-talia v obuchenii. Pod obshch. red. i so vstup. stat'ei B. V. Gnedenko i B. V. Birlukova. Moskva, Prosveshchenie, 1960. 522 p.

EDUCATION—PERIODICALS

Read it in the periodicals. Nar. obr. no. 5:125 My '66.

EDUCATION—STUDY AND TEACHING

Course in the history of pedagogy. Nar. obr. no. 5:25-30 My '66.

EDUCATION, COOPERATIVE

Let's unrelentingly carry out Lenin's principles of technical education. M. M. Skatkin. Rad. shkola 45 no. 5:20-35 My '66.

Organization and content of the technical work training in the upper classes of high school. K. A. Ivanovich, D. A. Epstein. Sov. pedagog. 30 no. 4:23-31 Ap '66.

Spring practice. E. Belykh. Nar. obr. no. 5:73-76 My '66.

EDUCATION, ELEMENTARY

(see also subdivision under Estonia)

Let's introduce technical knowledge into elementary schools in the new school year. P. V. Lebedev. Nach. shkola 34 no. 5:30-34 My '66.

Move on the difficulties of teaching fifth graders. A. Kukhta. Rad. shkola 45 no. 5:78-80 My '66.

Moscow. Gospedagogicheskiy institut usovershenstvovaniia uchitel'ei. [A guide for the teacher on covering the most difficult subjects in the program of the primary grades; the second grade] V pomoshch' uchitel'iu pri prokhozhenii naibolee slozhnykh tem programmy nachal'nykh klassov; vtoroi klass. Moskva, 1966. 73 p.

EDUCATION, ELEMENTARY—CURRICULA

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Eight-year school programs; primary grades] Programmy vos'mitletnei shkoly; nachal'nye klassy. Moskva, Prosveshchenie, 1966. 190 p.

EDUCATION, HIGHER

[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U. S. S. R.] Bul. Min. vys. i sred. spets. obr. SSSR no. 6 Ju '65.

EDUCATION, PRESCHOOL

(see also subdivision under Germany, East)

Training of the 6-year-old children for schools. S. M. Izzykov, E. A. Bazhanova. Nach. shkola 34 no. 5:16-19 My '66.

EDUCATION OF ADULTS see Adult education

EDUCATION OF CHILDREN

Facts, fancies and pedagogics. T. Tamarin. Nar. obr. no. 5:50-63 My '66.

EDUCATIONAL PSYCHOLOGY

Korotov, V. M. [Educational demands] Pedagogicheskoe trebovanie. Moskva, Prosveshchenie, 1966. 210 p.

Sukhomlinskii, V. A. [The development of personality in Soviet schools] Vospitanie lichnosti v sovetskoi shkole. Kiev, Radianska shkola, 1965. 211 p.

EELS see subdivision under Courland Lagoon

EFFICIENCY, INDUSTRIAL

Putting into practice the resolutions of the 23d Congress of the CPSU is an urgent task of industrial workers. Kons. i ov. prom. 21 no. 5:1-6 My '66.

EFREMOV, FILIPP SERGEEVICH, b. 1750

Khasanov, Khamidulla. [Hafiz Abur, Halidar Mirza, Filipp Efremov. Khafizi Abur, Khaidar Mirza, Filipp Efremov. Taahkent, Nauka UZSSR] 1964. 62 p. (Zhizn' zamechatel'nykh liudei) [In Uzbek] (MI)

EGG TRADE see subdivision under Ukraine

EGOROV, IVAN PETROVICH, 1915-

Ivan Petrovich Egorov; on his 50th birthday. A. T. Kondrat'ev and others. Usp. mat. nauk 21 no. 2:241-247 Mr-Apr '66.

EGOROV, VLADIMIR EVGEN'EVICH, 1876-

Kuman'kov, E. I. [Vladimir Evgen'evich Egorov. Moskva, Sovetskii khudozhnik, 1965. 121 p. illus. (MI)]

EGYPT—HISTORY

Kurdgelashvili, Sh. N. [The revolution of 1952 and the collapse of British rule in Egypt] Revoliutsiia 1952 g. i krakh britanskogo gosподstva v Egipte. Moskva, Nauka, 1960. 158 p.

EGYPT—PETROLEUM

Petroleum in the U. A. R. A. Osipov. Neftianik 11 no. 5:31-32 My '66.

EJECTOR PUMPS

Automation of ejector pumping of petroleum products from tank cars. Iu. Galkin. Neftianik 10 no. 5:24-25 My '66.

Experimental study of water jet ejectors operating on boiling water. G. G. Shklover, A. Z. Rosinskii. Energo-mashinostr. 12 no. 4:8-11 Ap '66.

Use of ejector pumps in hydraulic unloading of coal. Iu. Artukhin, A. Shitlerman. Rech. transp. 23 no. 2:13-15 T '64.

ELASTIC PLATES AND SHELLS

Algorithm of the three-dimensional net-point method of analyzing the dynamic transients of axisymmetric deformation of a cylindrical shell. U. Nigul, M. Peterson. Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:28-36 '66.

Calculating plates and shells with discontinuous parameters. D. V. Vainberg, I. Z. Roitfarb. Rasch. prostr. konstr. no. 10:39-80 '65.

Calculation of cylindrical and prismatic shells by the method of W_1 functions. I. I. Pedukhovskii. Rasch. prostr. konstr. no. 10:147-176 '65.

Determining deflections of deformable plates by the moiré method. V. V. Novitskii, E. N. Andreeva. Rasch. prostr. konstr. no. 10:147-176 '65.

Determining the displacements in plates from loads distributed according to the law of cos. O. F. Ivankov. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 2:43-45 '66.

Effect of the meridian force on the stress in the boundary zone of a shell of revolution. V. I. Usukin. Izv. vys. ucheb. zav.; mashinostr. no. 11:30-34 '64.

Elastic equilibrium of a nonhomogeneous plate with a cut. D. V. Grilitskii. Prikl. mekh. 2 no. 5:12-18 '66.

Influence of the boundary effect on the strength and stability of a structurally anisotropic circular cylindrical shell subjected to compression, internal pressure and heating. V. V. Kabanov. Izv. vys. ucheb. zav.; avtekh. 8 no. 1:54-62 '66.

Numerical method of calculating a circular plate of varying thickness under a polarosymmetrical load. A. F. Smirnov. Trudy MIIT no. 104:4-13 '66.

Plastic state of rectangular plates subjected to bending by concentrated loading. A. I. Strel'bitskii and others. Prikl. mekh. 2 no. 5:33-41 '66.

Preliminary results of analyzing the residual strain in a spherical shell under the action of a plane pressure wave. U. Nigul. Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:156-158 '66.

Principal equations of the theory of ribbed shallow shells and plates. E. S. Greben'. Rasch. prostr. konstr. no. 10:81-91 '65.

Principles of the theory of soft axisymmetric shells. S. A. Alekseev. Rasch. prostr. konstr. no. 10:5-37 '65.

Qualitative investigation of the stability of a circular cylindrical panel under the action of radial pressure. G. B. Kireeva. Prikl. mekh. 2 no. 5:19-22 '66.

ELASTIC PLATES AND SHELLS (Continued)

- Stability of a circular cylindrical shell during flexure and torsion. S.N. Kan. Rasch. prostr. konstr. no. 10: 110-126 '65.
- Stability of a closed circular cylindrical shell during flexure. E.L. Aksel'rad. Rasch. prostr. konstr. no. 10: 101-110 '65.
- Stability of a compressed plate loaded along the free edge. R.A. Rimskii. Trudy MII no. 225:56-62 '66.
- Stability of conical shells under the action of axial compression. V.G. Karnaukhov. Prikl. mekh. 2 no. 5: 65-70 '66.
- Stability of continuous plates with weakened (reinforced) sections. N.F. Ershov. Izv. vys. ucheb. zav.; stroit. i arkhitekt. 9 no. 3:39-44 '66.
- Stability of multilayered plates. L.P. Pomazni. Izv. vys. ucheb. zav.; mashinost. no. 2:29-34 '66.
- Thermal stresses in an orthotropic plate. O. Kamardinov. Vest. AN Kazakh. SSR 22 no. 4:69-74 Ap '66.
- Two cylindrical shells in a compressible liquid flow. V.M. Butov, O.M. Huz'. Dop. AN URSR no. 4:437-440 '66.
- Using V. Z. Vlasov's variational method in calculating elastic plates and shallow shells. V.V. Petrov. Prikl. mekh. 2 no. 5:50-57 '66.
- Variational equation describing steady creep of shells. I.U. N. Rabotnov. Dokl. AN SSSR 168 no. 2:300-303 My '66.

ELASTIC PLATES AND SHELLS—VIBRATION

- Determining the vibration frequency of orthotropic plates. R.A. Kist'ian. Izv. vys. ucheb. zav.; stroit. i arkhitekt. 9 no. 3:37-39 '66.
- Effect of boundary conditions on the frequency and shape of natural vibrations of a conical shell. E.R. Kollman. Izv. vys. ucheb. zav.; mashinost. no. 3:178-183 '66.
- Natural vibrations and stability of rectangular orthotropic plates reinforced with ribs. B.N. Ostroverkh. Prikl. mekh. 2 no. 5:23-32 '66.
- Vibration of spherical shell filled with a fluid. E.A. Samoilov, B.S. Pavlov. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:33-46 '66.
- Vibrations of a cylindrical shell with a longitudinal and lateral reinforcements. N.I. Karpov, G.N. Puchka. Prikl. mekh. 2 no. 5:58-64 '66.

ELASTIC RODS AND WIRES

- Approximate solution to the problem of plane flexure of a thin rod of variable rigidity. M.IU. Karpova. Dif. urav. 2 no. 5:709-710 My '66.
- Calculation of obliquely supported thin-walled rods of double-element type for uniformly distributed loads. E.R. Gol'nik. Rasch. prostr. konstr. no. 10:195-223 '65.
- Design of piston rods of the unloading system in rubber and plastics mixers. B.S. Soroka, B.A. Gaevskii. Khim. mashinost. no. 2:15-19 '65.
- Effect of prestressing on the carrying capacity of flexible compressed rods. A.A. Svetov. Ret. i zhel. - but. 12 no. 3:30-34 Mr '66.
- Elastoplastic stability of statically determinate rods. B.IA. Rodin. Izv. vys. ucheb. zav.; stroit. i arkhitekt. 9 no. 2:39-42 '66.
- Practical method of calculating compressed aluminum alloy rods for local stability. V.S. Moskvitin. Rasch. prostr. konstr. no. 10:241-260 '65.
- Some applications of the method of elastic loads during the calculations of combined rod systems including bars of arbitrary profile. A.A. Petropavlovskii. Trudy MII no. 194:34-49 '66.
- Temperature stresses in a thin-walled rod of open profile. I.U. V. Osetinskii. Rasch. prostr. konstr. no. 10: 225-240 '65.
- Using matrices of integration in determining critical forces for rods of varying section compressed by a tangential force. G.V. Fedorov. Trudy MII no. 194: 163-168 '66.
- Using the method of static modeling for the calculation of some present-day three-dimensional rod elements. R.A. Popova. Rasch. prostr. konstr. no. 10:261-272 '65.

ELASTIC RODS AND WIRES—VIBRATION

- Vibrations of a rod fastened in an elastic half-plane. M.L. Kempner. Trudy MII no. 225:15-22 '66.

ELASTIC SOLIDS

- An algorithm for calculating elastic systems for the action of an impact. V.V. Hagreev. Trudy MII no. 225:63-72 '66.
- Using some inequalities in the spectrum analysis of elastic systems. G.A. Manuilov. Trudy MII no. 225: 10-14 '66.

ELASTIC SOLIDS—VIBRATION

- Energy frequency characteristics of mechanical systems. F.R. Gekker. Izv. vys. ucheb. zav.; mashinost. no. 3: 138-140 '66.
- Self-excitation of autonomous mechanical systems. V.IU. Kotolevskii. Izv. vys. ucheb. zav.; mashinost. no. 3: 141-148 '66.
- Vibrations of elastic systems considering internal friction depending on the degree of stresses. B.A. Al'tshul'. Trudy MII no. 225:28-34 '66.

ELASTIC WAVES

- Elastic waves in a drill column and the dynamics of its interaction with a flat well bottom not subject to deformation. P.V. Balitskii. Trudy MINKINGP no. 60:8-17 '66.
- Surfaces of beams for elastic waves in crystals. F.I. Fedorov. Dokl. AN BSSR 10 no. 5:301-304 My '66.

ELASTICITY

- Determining the limit of elasticity. M.P. Markovets, V.I. Pashaba. Trudy MEI no. 61 pt. 2:201-208 '65.
- Experimental determination of the diameter of unrecovered impression made by indentation. M.P. Markovets, V.I. Pashaba, I.U.I. Pashin. Trudy MEI no. 61 pt. 2:209-213 '65.
- Solution of some problems in the theory of elasticity by the Mohr method with the use of analog. V.V. Novitskii, E.N. Andreeva. Rasch. prostr. konstr. no. 10:127-138 '65.
- Solving plane problems in the theory of elasticity with the aid of analogies with grid systems. S.M. Starostin. Trudy LPI no. 257:151-158 '66.
- Solving some problems in the theory of elasticity by the Ritz method. R.A. Rimskii. Trudy MII no. 194:169-178 '66.
- Some problems concerning crystal lattice dynamics and elasticity theory. A.N. Lazin. Zhur. eksp. teor. fiz. 50 no. 4:926-935 Ap '66.

ELBOW—SURGERY

- Experience in surgical treatment of fresh fractures of the olecranon. P.N. Petrov, E.G. Shibanova, G.A. Ale-shina. Khirurgiia 42 no. 2:48-54 F '66.

ELBRUS MOUNT REGION—GEOLOGICAL TIME

- Lithology and age of the Ural'skaya series in the northern part of the region of Mount Elbrus. I.U. IA. Potapenko, S.P. Momot. Sov. geol. 9 no. 4:133-137 Ap '66.

ELBRUS MOUNT REGION—ROCKS, SEDIMENTARY

- Lithology and age of the Ural'skaya series in the northern part of the region of Mount Elbrus. I.U. IA. Potapenko, S.P. Momot. Sov. geol. 9 no. 4:133-137 Ap '66.

ELECTIONS

- Decisive stage of the electoral campaign. Agitator 34 no. 10:2-6 My '66.
- Elections to the Supreme Soviet of the U.S.S.R. Sov. profsoyuz 22 no. 9:17-18 My '66.
- For candidates of the people's block! Agitator 34 no. 11: 7-8 Je '66.
- In the propaganda centers. Agitator 34 no. 10:12 My '66.
- Indissoluble unity between the party and our people. Part. zhizn' no. 12:3-7 Je '66.
- We vote for... Nov. vrem. 23 no. 24:2-2 Je '66.

ELECTRIC APPARATUS AND APPLIANCES

- Probability analysis of circuits with two-parameter elements. G.P. Dorosuk, A.I. Kravchenko. Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:333-371 '66.

ELECTRIC APPARATUS AND APPLIANCES—HOT WEATHER OPERATION

- Richtera, Miroslav, and Bernarda Bariáková. [Tropicalization of electrical equipment. Translated from the Czech.] Tropikalizatsia elektrooborudovaniia. Moskva, Gosenergoizdat, 1962. 309 p. mnps (insert)

ELECTRIC APPARATUS AND APPLIANCES—PROTECTION

- Protection of the rectification system of the ER9P electric train. V.D. Kamkin, V.G. Belozorov. Elek. i tepletaga 10 no. 1:34-37 Ja '66.

ELECTRIC ARC

- Form of the curve of static volt-ampere characteristics of an underwater arc. N.M. Matatov. Avtom. svar. 19 no. 4:37-40 Ap '66.
- Methods for the artificial prolongation of the duration of the burning of an arc in testing switches in synthetic networks. V.V. Kaplan, V.M. Nashatyr'. Trudy LPI no. 258:41-49 '65.
- Methods of calculating an electric arc in a magnetic field. G.B. Sorduk. Avtom. svar. 19 no. 4:46-49 Ap '65.
- Quenching of an electric arc in electron gas. G.D. Markush, A.I. Poltev. Trudy LPI no. 258:71-74 '65.
- Quenching of the electric arc of an accompanying current in a multielectrode arc quencher of the spark gap of a valve discharger. P.P. Bukir', G.A. Kukekov. Trudy LPI no. 258:79-82 '65.
- Study of breakdown traces in systems with oxide-coated cathodes. P.V. Poshekhonov and others. Radiotekh. elektron. 11 no. 5:886-893 My '66.
- Study of the characteristics of a metal arc-quenching chamber of an air-blast switch. I.U. I. Vishnevskii. Trudy LPI no. 258:88-95 '65.
- Thermal conditions of narrow-slot arc-quenching chambers. A.L. Tslaf. Trudy LPI no. 258:83-87 '65.

- Travel of the electric arc in a magnetic field. I.A. Bache-lis, I.V. Varlamov. Avtom. svar. 19 no. 4:41-45 Ap '66.

ELECTRIC ARC—THERMAL PROPERTIES

- Experimental investigation of the temperature of a wall on the axial temperature of an electric arc. R.E. Krzhizhanovskii, I.D. Skuratova. Inzh.-fiz. zhur. 10 no. 5: 626-627 My '66.

ELECTRIC BREAKDOWN see Breakdown, Electric

ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

- Belorussov, N.I., and E.G. Fedoseeva. [Manufacture of cables and wires with plastic insulation] Proizvodstvo kabelei i provodov s plastmassovoi izolatsiei. Moskva, Energiia, 1966. 95 p.
- Chudakov, P.I. [Placement of rubber insulation and coatings on wires and cables] Nalozhenie rezhimnoi izolatsii i obolochek na provoda i kabelei. Moskva, Energiia, 1966. 140 p.
- Plug sleeves of oil-filled cables. Kh.R. Malkin. Trudy LPI no. 258:118-124 '65.

ELECTRIC CABLES—CORROSION

- Corrosion protection of communication cables and mechanization of its construction. V.A. Nikol'skii. Avtom., telemekh. i svyaz' 10 no. 4:15-17 Ap '66.

ELECTRIC CAPACITANCE—MEASUREMENT

- Krotkov, I.N. [Precise measurements of electric capacitance and inductance; networks, methods and standards] Tochnye izmereniia elektricheskikh emkosti i induktivnosti; skhemy, metody, etalony. Moskva, Izd-vo Standartov, 1966. 271 p.

ELECTRIC CLOCKS see Clocks, Electric

ELECTRIC COILS

- Machine for winding the coils of the G-46 generator. A. Duhaga, I. Kalik. Tekh. v sel'skhoz. 26 no. 4:76-77 Ap '66.

ELECTRIC CONDUCTIVITY

- Electric conductivity of aqueous solutions of formic, acetic, oxalic, sulfuric, and phosphoric acids at high temperatures. I.N. Maksimova, V.F. Ushkevich. Elektrokhimia 2 no. 5:577-588 My '66.
- Electric convection. G.A. Ostroumov. Inzh.-fiz. zhur. 10 no. 5:633-635 My '66.
- Electroconductivity equation for a binary liquid system with chemically noninteracting components. I.U. IA. Fialkov, I.U. A. Tarasenko. Elektrokhimia 2 no. 5: 610-612 My '66.

ELECTRIC CONDUCTIVITY—STUDY AND TEACHING

- Studying the conductivity of solids on the basis of hand theory. V.A. Burov. Izv. APN no. 141:99-110 '65.

ELECTRIC CONTROLLERS

- Nomograms for calculating the adjustment of regulators in industrial heat-engineering units. D. Avetisyan, R. Akopian. Prom. Arm. 9 no. 2:48-49 F '66.
- Reliability of electric servomechanisms. K. Ambartsumian. Prom. Arm. 9 no. 2:18-20 F '66.

ELECTRIC CRANES

- Accelerate the development and introduction of standardized control systems for electric cranes. M. Nikulin. Rezh. transp. 25 no. 4:17 '66.

ELECTRIC

Device

crane

'66,

ELEC

ELECTRIC CURRENT RECTIFIERS (Continued)

Rectifier using thyristors. V. Kuz'minykh, B. Ginzburg. Radio no. 4:42-43 Ap '65.

Study of the automatic current stabilization system of the VAK semiconductor unit. V. I. Stuf'nikov, P. I. Lapchenko. Elektrichestvo no. 5:41-44 My '65.

VDUS symmetrical diffusion-type silicon power rectifiers (thyristors). A. N. Dumanevich and others. Elektrichestvo no. 5:53-51 My '65.

ELECTRIC CURRENTS

Instability of nonuniform distribution of currents and fields. L. E. Gurevich, V. I. Ioffe. Dokl. AN SSSR 168 no. 1:65-67 My '66.

ELECTRIC CURRENTS—GROUNDING

Devices for installing network groundings using vertical grounding units. I. I. Kogut. Energetik 14 no. 5:13-15 My '66.

Replacement of horizontal surface-type grounding devices with vertical ones. N. P. Katigrob. Elek. sta. 36 no. 3: 32-34 Mr '65.

ELECTRIC CURRENTS—OSCILLATIONS

Effect of the angle between an electric and a magnetic field on current oscillations in an oscillator. L. L. Lince, H. B. Burlakov. Fiz. tver. tela 8 no. 3:984-986 Mr '65.

ELECTRIC CUTOOTS

Increase in the operational reliability of MG-110 cutouts. Elek. sta. 36 no. 3:85 Mr '65.

Lesser sensitivity of primary straight action VMN-10-30/10 cutout relays. D. I. Kotsilovskii. Energetik 14 no. 5:37 My '65.

ELECTRIC DISCHARGES

Development of a discharge in liquid dielectrics on oblique-angled voltage waves. V. A. Ushakov. Zhur. tekhn. fiz. 35 no. 10:1844-1847 O '65.

Effect of the polarity of impulses and accompanying currents during the composite tests of magnetic valve dischargers. I. M. Bogatenkov, V. V. Kaplan, V. M. N. Nashatyr. Trudy LPI no. 258:50-60 '65.

Efficient extraction of electrons from a modified Penning discharge. U. E. Kreindel. Zhur. tekhn. fiz. 36 no. 5: 903-906 My '66.

Electric strength of some liquid dielectrics exposed to nanosecond voltage pulses. N. S. Rudenko, V. I. TSvetkov. Zhur. tekhn. fiz. 35 no. 10:1840-1843 O '65.

Faulty operation of regulated spark gaps. G. S. Kichayeva, P. I. Shkurapat. Trudy LPI no. 258:96-101 '65.

Quenching of the electric arc of an accompanying current in a multielectrode arc quencher of the spark gap of a valve discharger. P. P. Bukir, G. A. Kukekov. Trudy LPI no. 258:79-82 '65.

Relationship between the hydrodynamic and electric characteristics of discharges in liquids. K. A. Nagolnykh, N. A. Roi. Dokl. AN SSSR 168 no. 3:556-559 My '66.

Statistical method for determining the scatter of regulated air gaps in respect to time. P. I. Shkurapat. Trudy LPI no. 258:102-105 '65.

Study of cathode spots due to pulse discharges between parallel electrodes. R. Basharov and others. Zhur. tekhn. fiz. 35 no. 10:1853-1859 O '65.

Study of the bridge stage of electrode erosion when switching off currents of 1000 to 5000 amp. in a vacuum. Zhur. tekhn. fiz. 35 no. 10:1848-1852 O '65.

Theory of the volt-ampere characteristics of a column of nonsteady-state high-voltage arc discharge. S. M. Krizhanskii. Zhur. tekhn. fiz. 35 no. 10:1882-1888 O '65.

2.2 Mv. voltage pulse generator. S. L. Zolents and others. Trudy LPI no. 258:3-9 '65.

ELECTRIC DISCHARGES—MAGNETIC PROPERTIES

Electroless high-voltage discharge and its magnetic properties. R. V. Mitin, K. K. Priadkin. Zhur. tekhn. fiz. 36 no. 5:913-919 My '66.

ELECTRIC DISCHARGES THROUGH GASES

Ionic composition of a positive glow-discharge column in inert gases at elevated pressure. S. V. Staridubisev and others. Dokl. AN SSSR 168 no. 2:325-327 My '66.

Radial dependence of the electron velocity distribution function in a positive discharge column. I. M. Kagan, V. M. Milenin. Zhur. tekhn. fiz. 35 no. 10:1907-1909 O '65.

ELECTRIC DOUBLE LAYER

Capacity of equilibrium double layer at the metal - binary electrolyte interface. A. A. Chernenko. Izv. AN SSSR, Ser. khim. no. 5:814-818 '66.

Some specific features of the behavior of gas electrodes in contact with solid electrolytes. S. V. Karpachev, A. T. Filiaev. Elektrokhimia 2 no. 5:617-619 My '66.

ELECTRIC DRIVING

Efficient relationship of the voltages of a transformer and motor of a reversible electronically excited electric drive. M. I. A. Pistrak. Elektrichestvo no. 5:70-74 My '66.

Melkozerov, P. S. [Drives in automatic control systems; power calculations and selection of parameters] Privody v sistemakh avtomaticheskogo upravleniya; energeticheskiy raschet i vybor parametrov. Moskva, Energiia, 1966. 383 p.

Reverse time and braking of an electric drive in a URV-D system. V. G. Soznov. Elektrichestvo no. 3:67-69 My '66.

Starting conditions of a thyristor-excited d.c. electric drive. N. M. Khominkov, E. V. Viaznikovskiy. Sudostroenie 56 no. 3:37-39 Mr '66.

Vasil'ev, A. I., and A. S. Anisimov. [Optimal processes in micromotor drives] Optimal'nye protsessy v mikro-elektroprivodakh. Moskva, Energiia, 1966. 142 p. (Biblioteka po avtomatike, no. 168)

ELECTRIC ENGINEERING

(see also subdivision under Uzbekistan)

[Electrical engineering] Elektrotekhnika. [By] I. M. Ivanov i dr. Moskva, Voenizdat, 1966. 613 p.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power] Ref. zhur.; Elektrotekh. i energ. no. 5 My '66.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—SAFETY MEASURES

Careful; the current is switched on. B. Naftukov, Tekh. i vooruzh. 24 no. 1:56-63 Ja '66.

ELECTRIC EQUIPMENT INDUSTRY

Increasing the efficiency of communal production is the present task. Svetotekhnika 12 no. 5:1-2 My '66.

ELECTRIC EQUIPMENT INDUSTRY—EXHIBITIONS

Efficiency promoters demonstrate their achievements. Inform. biul. VDNKH no. 5:11 My '66.

ELECTRIC EQUIPMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Armenia; Moscow)

Processing industrial samples at the "Estoplast" Plant. Kh. P. Kotel'. Vop. izobr. no. 4:36-37 Ap '66.

ELECTRIC FIELDS

Anomalous shift of the fundamental absorption edge due to an electric field in selenium films and amorphous samples. L. N. Strel'tsov, N. M. Kiselev, P. S. Kireev. Fiz. tver. tela 8 no. 3:980-982 Mr '66.

Band shift in heavily doped semiconductors due to the action of electrostatic fields of impurity atoms. B. A. Volkov, V. V. Matveev. Fiz. tver. tela 8 no. 3: 721-724 Mr '66.

Effect of a buried metal pipeline on the distortion of the electrical field of stray currents. V. N. Tkachenko. Elektrichestvo no. 5:77-80 My '66.

Effect of a space charge of particles on the focusing and dispersive properties of electrostatic fields in cylindrical and plane energy analyzers. A. S. Shapovalov. Zhur. tekhn. fiz. 36 no. 5:920-930 My '66.

Effect of an electric field on internal friction in NaCl and LiF. A. A. Blizantov and others. Fiz. tver. tela 8 no. 3: 736-739 Mr '66.

Electric-field distribution in gas-discharge counters during the recording of radiation. V. D. Kuchin. Izv. vys. ucheb. zav.; prib. 9 no. 2:8-11 '66.

Electrostriction of dielectrics. A. S. Bogdanovich and others. Izv. vys. ucheb. zav.; fiz. 9 no. 2:92-97 '66.

Instability of nonuniform distribution of currents and fields. L. E. Gurevich, V. I. Ioffe. Dokl. AN SSSR 168 no. 1:65-67 My '66.

Method for calculating the electrostatic field of iris systems. L. E. TSyrin. Zhur. tekhn. fiz. 36 no. 5:843-851 My '66.

Optical and structural properties of water as influenced by electric field frequency. I. N. Plaksin and others. Dokl. AN SSSR 168 no. 1:152-153 My '66.

Parametric resonance in a plasma in a magnetic field. I. M. Aliev, V. P. Stin, C. Watson. Zhur. eksp. teor. fiz. 50 no. 4:943-953 Ap '66.

Plasma acceleration in a combined high-frequency constant electric field. B. P. Kononov. Zhur. tekhn. fiz. 35 no. 10:1755-1758 O '65.

Radial field distributions in a self-focusing light beam. Z. Jankauskas. Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:412-415 '66.

Separating properties of the electric field of a separatory funnel. T. S. Raikhenberg. Uch. zap. MGPI no. 242:30-37 '65.

Separation of solids in a "pushing out" electric field. I. V. Lavrova. Uch. zap. MGPI no. 242:9-16 '65.

ELECTRIC FILTERS

Design of the output filters of transistorized inverters. V. B. Nikitov. Elektrichestvo no. 5:37-40 My '66.

Improving the quality of digital smoothing filters having a finite duration of transient processes. A. I. Bobikov, I. M. Korshunov. Izv. vys. ucheb. zav.; prib. 9 no. 2: 33-37 '66.

Study of transient processes in filters of symmetrical components using automatic computers. V. A. Borinov, A. G. Kabanin, S. I. Kuznetsov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:471-475 '66.

Velikh, A. I., Z. I. A. Gel'mont, and K. V. Zolikh. [Piezoelectric filters] Piezoelektricheskie fil'try. Moskva, Svyaz', 1966. 395 p.

ELECTRIC FISHING

Relative effectiveness of monochromatic radiations in electric fishing. A. N. Shabanov. Ryb. khoz. 42 no. 4:41-44 '66.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

Argon as heat source for high-temperature research. R. A. Ishtarian, V. G. Ermakov, M. A. Ilyushin. Izv. vys. ucheb. zav.; prib. 9 no. 2:123-125 '66.

Iron foundry with industrial frequency induction furnaces. L. Z. Malisov. Lit. proizv. no. 4:18-20 Ap '65.

ELECTRIC FURNACES—DESIGN AND CONSTRUCTION

Design of the roof ring of an electric steel-smelting furnace. I. A. S. Shafin. Izv. vys. ucheb. zav.; chem. met. 9 no. 5:193-198 '66.

Removable shell for an electric arc furnace. G. A. Vitkin, B. I. Strakovskii. Lit. proizv. no. 2:13-14 F '64.

Welded electrode holders for arc furnaces. N. N. Lizetskii. Lit. proizv. no. 4:31 Ap '66.

ELECTRIC FURNACES—EQUIPMENT AND SUPPLIES

Efficiency of preheating the charge before smelting. P. F. Parashuk. Lit. proizv. no. 4:31 Ap '66.

ELECTRIC FURNACES—MAINTENANCE AND REPAIR

Efficient way of drawing off gases from arc furnaces. V. F. Lagunskii, V. S. Samokhvalov. Lit. proizv. no. 4:31 Ap '66.

ELECTRIC GENERATORS

Automatic control of the capacity of diesel-electric generators. I. S. Zorich, G. A. Melnikin, P. V. Karpatskii. Trudy TSNIM no. 77:67-73 '65.

Electric generator mounted on a pipelaying machine. B. P. Shadrin, N. V. Bystror. Transp. i khran. nefi i nefteprod. no. 3:24-26 '65.

Equations of the dynamics of control of a brushless synchronous generator. G. N. Maslov. Trudy MIT no. 2:1101-1117 '65.

Establishing efficient parameters for d.c. generators supplying chromium plating tanks. G. A. Anan-Zade. Za tekhn. prog. 4 no. 3:10-20, 45 Mr '64.

Nonsymmetrical mode of self-exciting synchronous generators. I. I. Trochichev. Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:436-470 '66.

Some design parameters of high-speed d.c. generators. I. I. Demukhin. Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:385-393 '66.

2.2 Mv. voltage pulse generator. S. L. Zolents and others. Trudy LPI no. 258:3-9 '65.

ELECTRIC HEATING ELEMENTS

Saturating the ends of silicon carbide heating elements by silicon, certain metals, and their mixtures. N. I. Voronin, A. A. Kortel', R. I. Bresker. Khimicheskaya 31 no. 4:50-55 '66.

ELECTRIC INSULATORS AND INSULATION

Control of the nocking of insulators. G. I. Lyubkovskii. Elek. sta. 37 no. 3:85-86 Mr '66.

Development of a discharge in liquid dielectrics on oblique-angled voltage waves. V. A. Ushakov. Zhur. tekhn. fiz. 35 no. 10:1844-1847 O '65.

Electric strength of some liquid dielectrics exposed to nanosecond voltage pulses. N. S. Rudenko, V. I. TSvetkov. Zhur. tekhn. fiz. 35 no. 10:1840-1843 O '65.

Enclosed conductors on block type electric power plants. S. A. Bazhanov. Elek. sta. 37 no. 3:62-66 Mr '66.

Insulating properties of charge materials in graphitizing and roasting furnaces. A. I. Perevalov, R. K. Ognev, E. F. Chalykh. TSvet. met. 39 no. 5:65-68 My '66.

Kaetanova, M. M., S. V. Krylov, and A. I. Tsimberov. [Insulators and equipment for overhead power transmission lines] Izolyatory i armatura dlia vozdukhnykh lini elektroperedachi. Pod obshch. red. M. M. Kaetanova. Moskva, Energiia, 1965. 198 p.

Lokabin, M. V., and P. M. Svi. [Measurement of dielectric losses in high-voltage insulation] Izmerenie dielektricheskikh poter' vysokovol'tnoi izolatsii. Moskva, Energiia, 1966. 140 p.

Man'trov, M. I. [Calculation of discharge potentials of high-voltage insulators; abstract of a course in "Calculation and design of electrical insulation"] Raschet razrzhnykh naprjzhenii vysokovol'tnykh izolatorov; konspekt po kursu "Raschet i konstruirovaniye elektricheskoi izolatsii." Red. V. N. Borodulin. Moskva, Mosk. energ. in-t, 1966. 89 p.

- ELECTRIC INSULATORS AND INSULATION (Continued)**
Sectional insulators with polymeric fuses. A.I. Vol'zhi, *Elek. i tepl. tsiaga* 10 no. 4:19 Ap '66.
Selection of external insulation for high-voltage systems in mountainous areas. M.M. Karapet'yan, A.S. Terosyan, *Elek. sta.* 36 no. 3:55-59 Mr '65.
Statistical indices determining the magnitude of losses during the failure of power system components. V.R. Okorokov, *Trudy LPI* no. 258:35-40 '65.
Study of the electrical strength of suspension insulator chains during precipitation and internal overvoltages. G.N. Aleksandrov, N.D. Kalinin, *Trudy LPI* no. 258: 26-34 '65.
Using glass-paper-mica band instead of mica band for insulating the housing of high-voltage electric motors. G.K. Kandilov, S.P. Galaktionov, *Za tekh. prog.* 5 no. 4:17-19 Ap '65.
- ELECTRIC INSULATORS AND INSULATION—MAIN- TENANCE AND REPAIR**
Some means of controlling contamination of high-voltage insulation. M.P. Fedotov, *Elek. sta.* 37 no. 3:88-89 Mr '66.
- ELECTRIC INSULATORS AND INSULATING—TESTING**
Variable climate chamber of the A.A. Gorev Laboratory of Power System and High-tension Currents. V.M. Rudakova, *Trudy LPI* no. 258:21-25 '65.
- ELECTRIC LABORATORIES**
Rectifier system for 400 kv. potentials in the small room of the A.A. Gorev Laboratory of Power Systems and High-tension Currents. D.A. Kaplan, I.V. Cherniaev, *Trudy LPI* no. 258:10-14 '65.
- ELECTRIC LABORATORIES—ELECTRIC EQUIPMENT**
Goncharenko, G.M., L.F. Dmukhovskaya, and E.M. Zhakov. [Test systems and measuring devices in high-tension laboratories: Introduction to laboratory work in high-tension engineering.] *Ispytatel'nye ustanovki i izmeritel'nye ustroystva v laboratoriyakh vysokogo napriazheniya: vvedenie k laboratornyy rabotam po tekhnike vysokikh napriazheniy.* Red. V.P. Larionov. Moskva, Mosk. energ. in-t, 1966. 158 p.
- ELECTRIC LAMPS, FLUORESCENT** see Fluorescent lamps
- ELECTRIC LAMPS, INCANDESCENT**
Gutov, M.M. [Fundamentals of light engineering and light sources.] *Osnovy svetotekhniki i istochniki sveta.* Moskva, Mosk. energ. in-t.
Pl. 2. [Incandescent lamps.] *Lampy nakalivaniya.* Red. V.S. Litvinov. 1966. 94 p.
- ELECTRIC LIGHT FIXTURES**
Efficiency of lighting systems. B.G. Tolmachev, *Svetotekhnika* 12 no. 5:11-13 My '66.
Increasing the efficiency of communal production in the present task. *Svetotekhnika* 12 no. 5:1-2 My '66.
Structural classification of light fixtures. I.V. Alzenberg, V.F. Efimkina, *Svetotekhnika* 12 no. 5:19-22 My '66.
- ELECTRIC LIGHT FIXTURES—CURRENT SUPPLY**
Choice of potentials and power sources for lighting fixtures. S.A. Kiluev, *Svetotekhnika* 12 no. 5:23-26 My '66.
- ELECTRIC LIGHTING**
Methods for the economic evaluation of industrial lighting systems according to their efficiency. A.S. Shalkevich, *Svetotekhnika* 12 no. 5:3-5 My '66.
Through the pages of foreign magazines. *Svetotekhnika* 12 no. 5:30-31 My '66.
Use of reflected ultraviolet irradiation. S.A. Timashev, *Svetotekhnika* 12 no. 5:10-19 My '66.
Work of the light engineering section of the Moscow Scientific and Technological Society of the Power Industry. G.I. Ashkenazi, *Svetotekhnika* 12 no. 5: 27-28 My '66.
- ELECTRIC LIGHTING—STANDARDS**
Economic basis of norms on electric lighting. P.I. Khoroshilov, *Svetotekhnika* 12 no. 5:6-8 My '66.
- ELECTRIC LIGHTING, FLUORESCENT** see Fluorescent lighting
- ELECTRIC LINES** see subdivision under Azerbaijan
- ELECTRIC LINES—CORROSION**
Protection of guard wires and guy strands from atmospheric and chemical corrosion. R.I. Neiman, *Energetik* 14 no. 5:17-18 My '66.
- ELECTRIC LINES—DESIGN AND CONSTRUCTION** see subdivision under Soviet Central Asia
- ELECTRIC LINES—MAINTENANCE AND REPAIR**
Advanced methods for operating and repairing overhead electric power transmission lines. *Energetik* 14 no. 5: 3-4 My '66.
- Repair of 6-10 kv. power transmission line supports without interruption of power flow to consumers. *Energetik* 14 no. 5:13 My '66.
Replaceable insulated basket for the TV-23 telescopic tower. V.P. Kaz'min, *Energetik* 14 no. 5:6-7 My '66.
- ELECTRIC LINES—OVERHEAD**
(see also subdivision under Soviet Central Asia; United States; Uzbekistan)
Brush cutting roller for clearing electric power transmission line routes. V.M. Petukhov, *Energetik* 14 no. 5: 8-9 My '66.
Chemical method for cleaning overhead power transmission line routes. M.I. Foninykh, *Energetik* 14 no. 5: 9-11 My '66.
Chemical method for clearing the bases of wooden power transmission line poles. A.P. Statsenko, *Energetik* 14 no. 5:11-12 My '66.
Control of the soiling of insulators. G.I. Lysakovskii, *Elek. sta.* 37 no. 3:85-86 Mr '66.
Device for rehooking suspension insulator chains on the crossarms of 110 kv. power transmission line supports. *Energetik* 14 no. 5:16-17 My '66.
Device for unhooking wires from suspension insulator chains. *Energetik* 14 no. 5:7-8 My '65.
Grounding of guard wires. T.P. Musatov, *Elek. sta.* 37 no. 3:87-88 Mr '66.
Kacatanovich, M.M., S.V. Krylov, and A.I. Tsimberov. [Insulators and equipment for overhead power transmission lines.] *Izolyatory i armatura dlia vozdukhnykh lini elektropereдачи. Pod obshch. red. M.M. Kacatanovicha.* Moskva, Energiya, 1965. 190 p.
Locating damages in overhead lines prior to their disconnection. G.M. Shalyt, *Elek. sta.* 36 no. 3:64-66 Mr '65.
Some means of controlling contamination of high-voltage insulation. M.P. Fedotov, *Elek. sta.* 37 no. 3:88-89 Mr '66.
Study of the electrical strength of suspension insulator chains during precipitation and internal overvoltages. G.N. Aleksandrov, N.D. Kalinin, *Trudy LPI* no. 258: 26-34 '65.
Zelichenko, A.S., and B.I. Smirnov. [Construction, operation, and repair of overhead power-transmission lines.] *Ustroystvo, ekspluatatsiya i remont vozdukhnykh lini elektropereдачи.* Moskva, Vysshaya shkola, 1966. 255 p.
- ELECTRIC LINES—POLES AND TOWERS**
Floating 110 kv. power transmission line tower. N.I. Marfin, I.S. Bakhov, *Elek. sta.* 36 no. 3:76-77 Mr '65.
Merman, I.A. [Construction of single-pole 35-330 kv. Power transmission line towers.] *Ustanovka odnoketchnykh opor 35-330 kv.* Moskva, Energiya, 1966. 70 p. (Biblioteka elektromontera, no. 103)
Moving a support in vertical position. P.T. Pavlov, V.I. Shevynogov, *Energ. stroi.* no. 2:83-85 '65.
Overhead power transmission line supports from centrifugal keramite reinforced concrete. V.Sh. Kulandaeze, *Energ. stroi.* no. 40:54-60 '64.
Universal climbing devices for climbing conical and cylindrical reinforced concrete power transmission line supports. P.I. Ginezman, *Energetik* 14 no. 5:4-5 My '66.
Use of asphaltite-bituminous lacquer in painting overhead power transmission line supports. L.A. Gorelakova, *Energetik* 14 no. 5:18-19 My '66.
Using models in the drawing up of operational plans for the erection of supports for transmission lines. D.F. Vinogradov, *Energ. stroi.* no. 3:94-100 '65.
- ELECTRIC LINES—UNDERGROUND**
How we service a long-distance cable. B.F. Temerov, *Avtom., telom. i svyaz'* 10 no. 4:31-33 Ap '66.
- ELECTRIC LINES—WELDING**
Thermal crucible welding of lead drops to grounding devices. I.B. Neidis, *Energetik* 14 no. 5:15-16 My '66.
- ELECTRIC LOCOMOTIVES**
Pushing the wrong button on the control board.... A.N. Voronov, *Elek. i tepl. tsiaga* 10 no. 1:39 Ja '66.
- ELECTRIC LOCOMOTIVES—BRAKES**
Arrangement of the prov. no. 551 brake regulator. V.S. Serafimovich, *Elek. i tepl. tsiaga* 10 no. 4:34-35 Ap '66.
What happened in the network of the electropneumatic brake? A.M. Strel'nikov, *Elek. i tepl. tsiaga* 10 no. 1: 40 Ja '66.
- ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT**
First results in the operation of an electric locomotive. P.M. Tusev, B.I. Chernykh, *Elek. i tepl. tsiaga* 10 no. 1:32 Ja '66.
Improvement of the quality of electric brushes increases their reliability. P.M. Bukalov, V.V. Baranov, D.A. Kurasov, *Elek. i tepl. tsiaga* 10 no. 1:28-29 Ja '66.
- Modernized LK-300GM contactors. A.IA. Pyzvanovich, *Elek. i tepl. tsiaga* 10 no. 1:23 Ap '66.
Static charging system on a.c. locomotives. I.U. A. Padiukov, V.G. Shumskii, *Elek. i tepl. tsiaga* 10 no. 1: 6-8 Ja '66.
- ELECTRIC LOCOMOTIVES—MAINTENANCE AND RE- PAIR**
Burned-out fuse on the VL60 electric locomotive. N.V. Chevychev, *Elek. i tepl. tsiaga* 10 no. 4:33 Ap '66.
Details which should not be overlooked. A.A. Volkov, *Elek. i tepl. tsiaga* 10 no. 4:25 Ap '66.
Our method of repairing the intertruck coupling of VL6 electric locomotives. A.A. Pokrovskii, A.I. Novozhilov, G.I. Murzin, *Elek. i tepl. tsiaga* 10 no. 1:17-18 Ja '66.
Transistorized attachment to the electronic oscillograph. V.N. Baidukh, *Elek. i tepl. tsiaga* 10 no. 1:26-27 Ja '66.
- ELECTRIC MACHINERY**
Boundary conditions and integral equation for three-dimen- sional vector potential. V.M. Alekhin, S.V. Mushenko, *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:355-362 '66.
[Electric machinery and power supply sources.] *Elektri- cheskie mashiny i istochniki elektropitanii.* [By] S.N. Borovoi i dr. Moskva, Transport, 1966. 355 p.
Martynov, A.M. [Electric motors and miniature elec- trical machines.] *Elektricheskiye i mikroelektricheskiye mashiny.* Prikladnoye knizhnoe izd-vo, 1965. 70 p. (V po- mosch' metodam rabochemu)
- ELECTRIC MACHINERY—ALTERNATING CURRENT**
Equivalent circuit of a two-stator asynchronous machine with a reversible stator. V.G. Ereminke, N.Z. Ma- stakov, *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:430- 436 '66.
Kutsayev, V.M. [Problems in the theory and design of asynchronous machines with solid rotors.] *Voprosy teorii i rascheta asinkhronnykh mashin s massivnyimi rotorami.* Moskva, Energiya, 1966. 301 p.
- ELECTRIC MACHINERY—DIRECT CURRENT**
Increasing of the current density in the slip rings of elec- trical machines. I.A. P. Antskov, *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:416-419 '66.
Magnitude and phase of a commutating flow in traction motor stators with different construction. A.S. Kurba- nov, *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:410-415 '66.
Parameters of low-power electric machines. L.I. Sto- lov, *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:394- 399 '66.
Study of magnetic flux in the steel of d.c. machines with pulsating voltage feed. V.A. Akovchenko, A.A. Shevelev, *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:420-429 '66.
- ELECTRIC MACHINERY, SYNCHRONOUS**
Equivalent networks of a synchronous machine with two three-phase motor windings. N.IA. Kravtsov, *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:463-465 '66.
Nonsymmetrical modes of self-exciting synchronous gen- erators. I.I. Treshchev, *Izv. vys. ucheb. zav.; elektro- mekh.* 9 no. 4:466-470 '66.
- ELECTRIC MACHINERY INDUSTRY**
Contribution of the power machinery industry for the 23d Congress of the CPSU. *Energomashinostranica* 12 no. 4:1 Ap '66.
- ELECTRIC MEASUREMENTS**
Analysis of dynamic errors originating in the measure- ment with digital measuring instruments according to row balance. A.N. Kasperovich, N.V. Litvinov, *Avtom- etriya* no. 1:50-55 '66.
Analysis of measuring circuits using the derived param- eters of a four-terminal network determined by a "ficti- tious load" technique. I.N. Krotkov, *Avtometriya* no. 1: 28-33 '66.
Baramidze, V.A. [Methods for evaluating the accuracy of measuring amplifiers and converters.] *Metody olenki tochnosti izmeritel'nykh ustroystv i preobrazo- vatelei.* Leningrad, 1965. 47 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Tekhnologiya proizvodstva radioelektron- noi apparatury)
- Compensated measuring transducers with Hall units. V.V. Bratko, P.P. Orantskii, S.G. Tarasov, *Avtome- triya* no. 1:33-39 '66.
Conversion of the voltampere characteristics of nonlinear elements during the automatic measurement of their parameters. R.D. Bagdat, *Avtometriya* no. 1:41-49 '66.
Determination of the parameters of periodic signals by measuring their instantaneous values. M.I. Levin, I.U. I. Samka, *Avtometriya* no. 1:33-40 '66.
Effectiveness of operational check systems. I.A. Korinsev- skii, *Avtometriya* no. 1:69-74 '66.

ELECTRIC MEASUREMENTS (Continued)

Gorcharenko, G.M., L.F. Dmochovskaya, and E.M. Zhakov. [Test systems and measuring devices in high-tension laboratories: introduction to laboratory work in high-tension engineering.] Ispytatel'nye ustanovki i izmeritel'nye ustroystva v laboratoriyakh vysokogo napriazheniya: vvedenie k laboratornym rabotam po tekhnike vysokikh napriazheniy. Red. V.P. Larionov. Moskva, Mosk. energ. in-t, 1966. 158 p.

Kulikovskii, L.F., and M.F. Zaripov. [Inductive displacement converters with distributed parameters.] Induktivnye preobrazovateli peremeshcheniya s raspre-delennymi parametrami. Moskva, Energiya, 1966. 111 p. (Biblioteka po avtomatike, no. 156)

Measurement of some parameters of an acceleration impulse. M.I. Subbotin. Avtometriya no.1:100-102 '66.

Methods for standardizing the use of thermistors in differential networks. M.A. Kaganov. Sbor. trud. po agron. fiz. no.12:168-175 '65.

Synthesis of the optimal weight function of distributed control in systems controlling industrial processes. F.I. Gimef'shin. Avtometriya no.1:83-95 '66.

System for the contactless measurement of the conductance of semiconductor materials. V.S. Sobolev, I.U. D. Shmuratko. Avtometriya no.1:102-104 '66.

Turichin, A.M. [Electric measurements of nonelectrical quantities.] Elektricheskie izmereniya neelektricheskikh velichin. Izd. 4., znovno perer. [by] B.E. Arshanskii i dr. Pod obshech. red. P.V. Novitskogo. Moskva, Energiya, 1966. 689 p.

ELECTRIC MEASUREMENTS—CONGRESSES

Fourth All-Union Conference on Automatic Control and Electrical Measurement Techniques. A.S. Anisimov. Avtometriya no.1:103-107 '66.

ELECTRIC METAL CUTTING

Platisotnikov, A.I., and R.I. Munke. [Equipment for the electric-spark cutting of heat-resistant and titanium alloy parts.] Oboorudovanie i prispособleniya dlya elektroskrovoi razrezki detalей iz zharoprochnykh i titanovykh splavov. Leningrad, 1966. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnye metody obrabotki materialov)

ELECTRIC METERS

Universal measuring instrument. V. Lomantovich, A. Shapiro. Radio no.4:42-51 Ap '66.

ELECTRIC MOTORS

Elimination of defects in the PS-10 drive. Elek. sta. 36 no.3:84-85 Mr '66.

Mariyov, A.M. [Electric motors and miniature electrical machines.] Elektrodvigateli i mikromashiny. Tula, Prikskoe knizhnoe izd-vo, 1965. 76 p. (V pomoshch' molodomu rabochemu)

Motor relay for protecting an electric motor from phase failure. A. Remishevskii. Tekh. v sel'khoz. 26 no.4: 32-34 Ap '66.

Step-by-step electric motors. G.I. Vainberger and others. Prihorostroenie no.5:24-26 My '66.

Utilization of the active power of electric motors in case of a cyclic load. K.N. Kulizade, I.E. Khaikin. Za tekhn. prog. 4 no.12:22-24 D '64.

ELECTRIC MOTORS—COOLING

New electric motors for coal cutter-loaders. A.A. Zak, L.B. Landkof. Ugol' 41 no.3:37-39 My '66.

ELECTRIC MOTORS—MAINTENANCE AND REPAIR

Study of coast dynamics of incompressible products. V. Kalinchenko. Vest. st. 6:34-44 '66.

Protection of asynchronous motors in networks with dead grounded neutral lines. I.S. Nikiforenko. Prom. Bel. 9 no.1:37-38 Ja '66.

Protection of three-phase asynchronous motors with short-circuited rotors. A.V. Gukalov. Sakh. prom. 40 no.5: 43-49 My '66.

ELECTRIC MOTORS, SYNCHRONOUS

Certain laws governing the automatic regulation of excitation in large synchronous motors. V.V. Iukhov. Elek. sta. 37 no.3:54-57 Mr '66.

Determining the parameters of damping circuits of synchronous motors. S.S. Bekgulian. Za tekhn. prog. 6 no.4:19-21 Ap '66.

ELECTRIC NETWORKS

Ivanov, A.A. [Principles of the theory of electric and magnetic circuits.] Osnovy teorii elektricheskikh i magnitnykh tspelei. Izd. 2., perer. Kiev, Naukova dumka, 1965. 357 p.

Methods for standardizing the use of thermistors in differential networks. M.A. Kaganov. Sbor. trud. po agron. fiz. no.12:168-175 '65.

ELECTRIC NETWORKS—RELIABILITY

Rozanov, M.N. [Stability of electrical systems; lectures.] Ustoychivost' elektricheskikh sistem; lektsii. Moskva, Vses. zaochnyi energ. in-t. No.1. 1963. 100 p.

ELECTRIC OIL WELL DRILLING see Oil well drilling, Electric

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER

Davydova, L.G. [Use of electric power in Russian industry; an historical essay.] Ispol'zovanie elektricheskoi energii v promyshlennosti Rossii; istoricheskiy ocherk. Moskva, Nauka, 1966. 195 p.

Developmental outlook of Soviet power engineering and the tasks of the economic planning of electric power stations and power systems. A.A. Borovoi. Energ. stroi. no.3:3-8 '65.

[Electric power production and utilization in foreign countries; supplement to the periodical "Elektricheskie stantsii"] Energokhoz, za rub. no.2 Mr-Ap '66.

ELECTRIC POWER—ABSTRACTS

[Electric engineering and electric power] Ref. zhur.: Elektrotekh. i energ. no.5 My '66.

ELECTRIC POWER—MATHEMATICAL MODELS

Scientific session on the methods of mathematical modeling for the power industry with the aid of electronic computers. M.B. Chaltsov. Izv. SO AN SSSR no.5. Ser. obschestv. nauk no.2:139-142 '64.

ELECTRIC POWER DISTRIBUTION

(see also subdivision under Armenia)

Akademiya nauk URSS, Kiev. [Automation and relay protection of electrical systems.] Avtomatizatsiya i rel'einaia zashchita elektricheskikh sistem. Kiev, Naukova dumka, 1966. 200 p. (Respublikanskiy mezhvedomstvennyi sbornik. Seriya: "Problemy tekhnicheskoi elektrodinamiki")

Bulgakov, K.V. [Power supply for industrial enterprises.] Energoposnabzhenie promyshlennykh predpriyatiy. Izd. 2., perer. i dop. Moskva, Energiya, 1966. 317 p.

Changes in the network of a 3.3 kv automatic feed controller. M.N. Burdin, V.I. Averkin. Elek. i teple. tiaga 10 no.1:16 Ja '66.

Concerning L.A. Soldatkin's article "Quantitative evaluation of voltage quality in power distribution networks." V.A. Troshin. Elek. sta. 36 no.3:82-83 Mr '66.

Concerning L.I. Dvosin's article "Rating of operational and auxiliary capacity of district electric power stations." F.I. Shcheglov. Elek. sta. 37 no.3:91 Mr '66.

Concerning the use of gas turbine aviation engines as auxiliary power supply sources. N.A. Seulin, D.L. Fufisovich. Elek. sta. 36 no.3:47-50 Mr '66.

Determination of losses to the national economy resulting from industrial voltage deviations. B.A. Konstantinov, G.Z. Zaitsev. Elektrichestvo no.5:1-5 My '66.

Devices for installing network groundings using vertical grounding units. I.I. Kogut. Energotek 14 no.6:13-15 My '66.

Economic effectiveness of the local reservation of distant consumers of the second category. N.A. Seulin. Elektrichestvo no.5:5-10 My '66.

Effective instructions on overvoltage protection of a.c. systems with 3-300 kv. ratings. Elek. sta. 36 no.3: 92-96 Mr '66.

Increasing the frequency of alternating current and determination of its optimal value in continued electrification of the U.S.S.R. M.I. Kratberg, A.E. Zagorskii. Elektrichestvo no.5:87-88 My '66.

Kireev, M.I., and A.I. Kovarskii. [Installation and operation of the electrical equipment of electric-power plants, substations and electric-power transmission lines.] Montazh i ekspluatatsiya elektrooborudovaniya stantsii, podstantsii i liniy elektroperedachi. 3. izd., ispr. Moskva, Vysshaya shkola, 1966. 407 p.

Meeting of the activist group of electric power engineers and constructors. Energ. stroi. no.2:98-100 '65.

Network for the automatic registration of corona losses in an experimental 750-1000 kv. overhead power transmission line span of the M.I. Kalinin Polytechnical Institute in Leningrad. A.N. Tushinov. Trudy LPI no.258:15-20 '65.

Optimal law governing the charging of condenser batteries. I.V. Pentekhov, I.V. Volkov. Dop. AN URSS no.4:477-479 '66.

Possibility for the rejection of arc-suppression coils in networks with 35kv voltage and a contact to ground current up to 50 a. Ch. M. Delmavary and others. Za tekhn. prog. 4 no.12:19-22 D '64.

Problem of the expediency of the use of closed-loop municipal power distribution networks. V.G. Kholomukhi and others. Elektrichestvo no.5:27-31 My '66.

Restoration of the selectivity of a short-circuit to ground signaling system during the introduction of compensation in a 6kv. network. I.U. S. Kuznetsov. Elek. sta. 36 no.3: 66-68 Mr '65.

Revocation of par. 73 of "Instructions on the installations and operation of overvoltage systems." Elek. sta. 36 no.3:84 Mr '66.

Rozanov, M.N. [Stability of electrical systems; lectures.] Ustoychivost' elektricheskikh sistem; lektsii. Moskva, Vses. zaochnyi energ. in-t. No.1. 1963. 100 p.

Russia (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniyam. [Program of a course in "Construction and operation of electric power distribution systems in cities" for institutions of higher learning in major 0303—Electric power supply of industrial enterprises.] Programma kursa "Sooruzheniya i ekspluatatsiya sistem elektricheskikh v gorodakh" dlya vysshikh uchebnykh zavedeniy po spetsial'nosti 0303 - Elektromontazhenie promyshlennykh predpriyatiy i gorodov. Moskva, "Vysshaya shkola," 1966. 7 p.

Some problems of the analysis and synthesis of electrical networks with group sources and resistances. G.E. Pukhov. Elektrichestvo no.5:110-22 My '66.

Statistical indices determining the magnitude of losses during the failure of power system components. V.R. Okorokov. Trudy LPI no.258:35-40 '65.

Technological and economic problems of the selection of an effective power supply network for domestic consumers in cities. A.F. Dvorukov. Elektrichestvo no.5: 88-90 My '66.

Transforming an electric system into an equivalent simple system. F.G. Guseinov. Za tekhn. prog. 4 no.12:15-18 D '64.

Use of polygon networks with 500 kv. potentials. V.I. Teif. Elek. sta. 36 no.3:50-51 Mr '66.

ELECTRIC POWER DISTRIBUTION—COMMUNICATION SYSTEMS

Effect of short-circuits in a power transmission line on attenuation in communication channels using the line. G.V. Mikutskii. Elektrichestvo no.5:61-67 My '66.

Establishment of communications with repair and mobile maintenance brigades. Energotek 14 no.5:44 My '66.

A new dispatcher control board. I.M. Berdichevskii, R. Tagir-Zade, S.A. Khurastan. Energotek 14 no.5:43-39 My '66.

ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Longitudinal capacitive compensation for regulating the voltage in high-voltage distribution networks. G.Kh. Pobul, P.F. Novol. Elek. sta. 36 no.3:60-63 Mr '66.

Selection of external insulation for high-voltage systems in mountainous areas. M.M. Karapetian, A.S. Terosian. Elek. sta. 36 no.3:55-59 Mr '66.

Statistical method for determining the number of regulated air gaps in respect to time. P.I. Shkurapat. Trudy LPI no.258:102-105 '65.

2.2 Mv. voltage pulse generator. S.I. Zaitsev and others. Trudy LPI no.258:3-9 '65.

Variable climate chamber of the A.A. Gorev Laboratory of Power System and High-tension Currents. V.M. Rudakova. Trudy LPI no.258:21-25 '65.

ELECTRIC POWER DISTRIBUTION—LABOR PRODUCTIVITY see subdivision under Electric Power Distribution

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Automatic frequency drop during large power deficits. E.A. Golubin, B.G. Utkin. Elek. sta. 36 no.3:74 Mr '65.

Sensitive selective system for protection from short circuit to ground in ZPT-2 networks with small capacity currents. V.M. Kiskachi. Elek. sta. 37 no.3:66-71 Mr '66.

Two-stage distance-type protection system without start relays. K.I. Lebedev. Elek. sta. 36 no.3:77-78 Mr '65.

ELECTRIC POWER PLANTS

(see also subdivision under Bulgaria; Konakova, Kalinin Province)

Kireev, M. I., and A. I. Kovarskii. [Installation and operation of the electrical equipment of electric-power plants, substations and electric-power transmission lines] Montazh i ekspluatatsiya elektrooborudovaniia stantsii, podstantsii i lini elektropredachi. 3. izd., ispr. Moskva, Vysshaya shkola, 1966. 407 p.

Method for selecting the main electrical network connections of large condensing power plants. L. I. Dvorkin. Elektrichestvo no. 5:11-17 My '66.

Methodology for planning the operation of electric power systems. F. G. Ryzhikova, I. V. Gokov. Elek. sta. 36 no. 3:41-42 Mr '65.

Moscow. Energeticheskii institut. [Manual on practical training in an electric-power plant school] Posobie po proizvodstvennomu obucheniui na uchelnoi elektricheskoi stantsii. Izd. 2., perer. Pod obshch. red. L. N. Baphtianova. Moskva, 1966. 99 p.

Practice of dust removal from steam in the No. 2 State Regional Electric Power Plant in Tomsk. V. I. Destatov, A. I. Kuprin. Energetik 14 no. 5:23-31 My '66.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

(see also subdivision under Konakova, Kalinin Province; Moldavia; Puzhetka Valley)

Construction of 200 Mw blocks on one of the state regional electric power stations. P. W. Rinkukha. Energ. stroi. no. 2:22-26 '65.

Joints of precast reinforced concrete structures of the main buildings of thermal electric power stations. N. V. Alakoshin. Energ. stroi. no. 2:3-6 '65.

Meeting of the activist group of electric power engineers and constructors. Energ. stroi. no. 2:98-100 '65.

Planning of a cable layout with the use of a computer. A. M. Khollan, S. D. Eliukhin, V. A. Onchukin, M. A. Kravets. Elek. sta. 37 no. 3:83-84 Mr '66.

Use of bitumen and perlite mix for the construction of the Burshtyn State Regional Electric Power Plant. V. S. Kuznetsov. Energ. stroi. no. 2:9-9 '65.

ELECTRIC POWER PLANTS—ELECTRIC EQUIPMENT

Advanced methods for repairing the electrical equipment of electric power plants. V. N. Borovitskii, V. N. Chumachenko. Elek. sta. 36 no. 3:85-88 Mr '65.

Concerning A. M. Valovits article "Periodicity of preventive maintenance and repairs of electrical equipment and labor productivity." A. I. Aizenfeld and others. Elek. sta. 36 no. 3:80-82 Mr '65.

Designs of the electric section of generator-transformer blocks. E. F. Kornilenko. Elek. sta. 37 no. 3:51-54 Mr '66.

ELECTRIC POWER PLANTS—MATHEMATICAL MODELS

(see subdivision under Ukraine)

ELECTRIC POWER PRODUCTION

Steady growth of Soviet electric power production. Komm. Vooruzh. Sil 47 no. 11:36-40 Je '66.

ELECTRIC POWER PRODUCTION—COSTS

Concerning V. I. Serebrennikov's article "Distribution of loads between electric power plants with consideration of the cost of relative increments." I. A. B. Novikov. Elek. sta. 36 no. 3:83 Mr '65.

ELECTRIC POWER PRODUCTION—TECHNOLOGICAL INNOVATIONS

Trends of technological progress in the electric power industry and electrification. M. Vilenskii. Vop. ekon. no. 4:13-23 Ap '66.

ELECTRIC POWER SUPPLY TO APPARATUS

Choice of potentials and power sources for lighting fixtures. S. A. Kliev. Svetotekhnika 12 no. 5:23-26 My '66.

Conditions for reducing electric power consumption in grinding. K. E. Leon'evskii, L. A. D'laonov, Masl. - zhizn. prom. 32 no. 4:0-11 Ap '66.

[Electric machinery and power supply sources] Elektricheskoe mashiny i istochniki elektrosnableniya. [By] S. N. Borovoi i dr. Moskva, Transport, 1966. 365 p.

Power supply unit of a transistorized television receiver. D. Brilliantov, V. Sokolov. Radio no. 12:25-27 D '65.

Scheme of supplying a PAU-500 unit from a 380 v, network. G. A. Chernakov, II, A. Privalov, R. O. Khanimov. Stroi. trubeoprov. no. 6:32-33 Je '65.

ELECTRIC PROSPECTING

(see also subdivision under Mangyshlak Peninsula; Siberia, Western)

Curves of profiling with a two-coil sonde in media with two horizontal boundaries. I. F. Izimov, A. A. Koufman. Izv. vys. ucheb. zav. geol. i razv. 9 no. 3:134-138 Mr '66.

Determination of the parameters of an anisotropic layer based on laterolog curves. N. I. A. Zaikovskii, D. E. Kovalenko, A. E. Kulinkovich. Prikl. geofiz. no. 46:213-217 '65.

Electric prospecting and geological mapping in the upper Volga and Msta Valleys. L. N. Suter. Trudy Leningradsk. gos. univ. 2:140-149 '65.

On one marginal problem of the theory of electric logging. A. M. Chuzman, A. G. IUPakshin. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 5:105-108 My '66.

Universal method for determining the specific resistance of layers. S. M. Zundeleich, S. G. Komarov, N. N. Sokhranov. Prikl. geofiz. no. 46:205-212 '65.

ELECTRIC PROSPECTING—EQUIPMENT AND SUPPLIES

Selection of a transmission band of an amplifier in the construction of an apparatus for recording unsteady fields. F. M. Kamenetskii, V. M. Timofeev. Prikl. geofiz. no. 46:128-135 '65.

ELECTRIC PROTECTION

Akademika nauk USSR, Kiev. [Automation and relay protection of electrical systems] Avtomatizatsiya i rel'evnaya zashchita elektricheskikh sistem. Kiev, Naukova dumka, 1966. 200 p. (Respublikanskii mezhdunarodnyi sbornik. Seriya: "Problemy tekhnicheskoi elektrodinamiki")

Effect of the polarity of impulse and accompanying currents during the composite tests of magnetic valve dischargers. I. M. Bogatenkov, V. V. Kaplan, V. M. Nashedyev. Trudy LPI no. 250:50-61 '65.

Output block of a contactless relay protection unit using transistors. S. S. Rozov. Elektrichestvo no. 5:83-86 My '66.

Possibility for the rejection of arc-suppression coils in networks with 35 kv voltage and a contact to ground current up to 50 A. Ch. M. Dzhuvarid and others. Za tekhn. prog. 4 no. 12:19-23 D '61.

Protecting the balancing circuit of a self-compensating electromagnetic flowmeter against leakage currents. E. G. Abakimov. Izv. vys. ucheb. zav. i prikl. 9 no. 2:21-25 '66.

Quenching of the electric arc of an accompanying current in a multielectrode arc quencher of the spark gap of a valve discharger. P. P. Bukir, G. A. Kokekov. Trudy LPI no. 250:79-82 '65.

Revision of par. 73 of "Instructions on the installation and operation of overvoltage systems." Elek. sta. 36 no. 3:84 Mr '65.

Two-stage distance-type protection system without start relays. K. I. Lebedev. Elek. sta. 36 no. 3:77-78 Mr '65.

ELECTRIC PUMPING MACHINERY see Pumping machinery, Electric

ELECTRIC RAILROADS—COST OF CONSTRUCTION

Potentials for the reduction of construction, assembly, and operation costs on electrified lines. L. G. Teplykh. Elek. i tepl. tizna 10 no. 1:26-28 Ja '66.

ELECTRIC RAILROADS—CURRENT SUPPLY

Frequency-impulse power converter. L. A. Baranov. Trudy MIT no. 2:111-142 '65.

ELECTRIC RAILROADS—ELECTRIC EQUIPMENT

Our method to strengthen the insulation of switches. L. N. Ozadovskii. Elek. i tepl. tizna 10 no. 4:26 Ap '66.

Protection of the rectification system of the ERDP electric train. V. D. Kamkin, V. G. Belozerkov. Elek. i tepl. tizna 10 no. 1:31-37 Ja '66.

ELECTRIC RAILROADS—PANTOGRAPH

Spontaneous lowering of the pantograph on the run. P. F. Shabnikov. Elek. i tepl. tizna 10 no. 1:38-39 Ja '66.

ELECTRIC RAILROADS—SAFETY MEASURES

Pay constant attention to safety measures. L. A. Akovlev. Elek. i tepl. tizna 10 no. 4:18-19 Ap '66.

ELECTRIC RAILROADS—WIRES AND WIRING

Effect of a buried metal pipeline on the distortion of the electrical field of stray currents. V. N. Tkachenko. Elektrichestvo no. 5:77-80 My '65.

ELECTRIC REACTORS

Use of 500 kv shunting reactors with power takeoff. A. I. Tarasov, V. M. Bobrovskii. Elek. sta. 37 no. 3:57-62 Mr '66.

ELECTRIC RELAYS

Electromechanical relays. V. I. A. Konakov. Vest. protivozod. sbor. no. 5:83-85 My '60.

El'fimov, V. M. [Directional power relays] Rel'e napravleniya moshchnosti. Moskva, Energiia, 1966. 55 p. (Biblioteka elektromontera, no. 189)

Lesser sensitivity of primary straight action VMN-10-30/10 cutoff relays. D. I. Kotsilovskii. Energetik 14 no. 5:37 My '66.

Output block of a contactless relay protection unit using transistors. S. S. Rozov. Elektrichestvo no. 5:83-86 My '66.

Relay for limiting the current during the idling of welding transformers. P. Khong-Gromov, A. Kolobachuk. Stroi. i arkhitekt. Ser. Az. 1 no. 7:16-17 Ji '64.

Zero sequence power directional relay with current polarization. A. S. Malyi. Elek. sta. 37 no. 3:86-87 Mr '66.

ELECTRIC SUBSTATIONS

(see also subdivision under Volga Hydroelectric Power Station (Lening); Volga Hydroelectric Power Station (22d Congresses of the CPSU))

Gogolchayvili, P. P. [Substations without cutouts at the higher voltage ends] Podstantsii bez vyklyuchatelei na vysshem napriazhenii. Moskva, Vysshaya shkola, 1965. 109 p.

Ievlev, V. I., and A. G. Karlagin. [Installation of power-distribution units with 110 and 220 kv. ratings] Montazh raspredelitel'nykh ustroystv 110 i 220 kv. Moskva, Energiia, 1966. 87 p. (Biblioteka elektromontera, no. 170)

Kireev, M. I., and A. I. Kovarskii. [Installation and operation of the electrical equipment of electric-power plants, substations and electric-power transmission lines] Montazh i ekspluatatsiya elektrooborudovaniia stantsii, podstantsii i lini elektropredachi. 3. izd., ispr. Moskva, Vysshaya shkola, 1966. 407 p.

Outdoor power distribution installations. Energ. stroi. no. 3:80-84 '65.

Substations having 35/10 kv. ratings with disconnectors instead of 10 kv. cutouts. N. A. Kal'moskii. Elek. sta. 36 no. 3:75 Mr '65.

ELECTRIC SUBSTATIONS—ELECTRIC EQUIPMENT

Concerning A. M. Valovits article "Periodicity of preventive maintenance and repairs of electrical equipment and labor productivity." A. I. Aizenfeld and others. Elek. sta. 36 no. 3:80-82 Mr '65.

ELECTRIC SUBSTATIONS—EQUIPMENT AND SUPPLY

Certain problems connected with the installation of basic electrical engineering equipment. Energ. stroi. no. 3:86-89 '65.

ELECTRIC SWITCHGEAR

(see also subdivision under Czechoslovakia)

The PMP multidrop packet switches. M. G. Bol'shakov. Prikladnaya elektronika no. 5:22-24 My '66.

New filter for air-blast switches. E. I. Skidzkov. Elek. sta. 36 no. 3:73-74 Mr '65.

Small-sized switch. N. Eremina. Radio no. 12:26-30 D '65.

Study of the characteristics of a metal arc-quenching chamber of an air-blast switch. II, I. Vishnevskii. Trudy LPI no. 250:88-95 '65.

Use of contactless track switches in the manufacture of particle boards. M. D. Gosenput. Ders. prom. 14 no. 3:15-18 Mr '65.

ELECTRIC SWITCHGEAR—STANDARDS

Change in the norm on transient resistance of the separator blades of VVN-10 and VVN-154 air-blast switches. Elek. sta. 36 no. 3:84 Mr '65.

ELECTRIC SWITCHGEAR—TESTING

Methodology for comparative tests in the determination of the equivalency of synthetic networks for testing high-voltage switches. V. V. Kaplan, V. M. Nashedyev. Trudy LPI no. 250:61-70 '65.

Methods for the artificial prolongation of the duration of the burning of an arc in testing switches in synthetic networks. V. V. Kaplan, V. M. Nashedyev. Trudy LPI no. 250:41-49 '65.

ELECTRIC TRANSFORMERS

Apylov, I. S., and M. V. Khomakov. [Maintenance of insulating oils] Ukhod za izolatsionnyimi maslami. Izd. 2., perer. i ispr. Moskva, Energiia, 1966. 109 p. (Biblioteka elektromontera, no. 184)

Determination of equivalency conditions of the electrical modes of large power and pulse transformers. II, S. Cherkashin. Elektrichestvo no. 5:47-50 My '65.

Ievlev, V. I., and A. G. Karlagin. [Installation of power-distribution units with 110 and 220 kv. ratings] Montazh raspredelitel'nykh ustroystv 110 i 220 kv. Moskva, Energiia, 1966. 87 p. (Biblioteka elektromontera, no. 178)

Theory and calculation of the stray capacitances of transformers. E. I. Borovkov. Elektrichestvo no. 5:45-48 My '65.

Transformer for electric treatment of panels in cassette. F. Laabshver, L. Pelachovich. Stroi. i arkhitekt. Ser. Az. 1 no. 7:12-16 Ji '64.

Use of transformer insulating oils in municipal electrical networks. P. M. Kharipov and others. Elek. sta. 36 no. 3:68-69 Mr '65.

Voltage amplifying block for feeding operational automatic and protection circuits. E. M. Liberson. Elek. sta. no. 3:72-75 Mr '66.

ELECTRIC TRANSFORMERS—COOLING

Checking the oil in the entrance of 35 kv. power transformers. T. P. Nasatov. Elek. sta. 37 no. 3:84-85 Mr '66.

ELECTRIC TRANSFORMERS—TESTING

Modernized automatic testing station for power transformers. R. Mirzajan. Prom. Arm. 9 no. 2:25-28 F '66.

ELECTRIC TRANSFORMERS—WINDINGS

Causes of the overheating of the high-voltage winding of a transformer. Energetik 14 no. 5:44 My '66.

ELECTRIC UTILITIES—RATES

New electric power rates. M. Smirenski. Tekh. v sel'khoz. 26 no. 4:31-32 Ap '66.

ELECTRIC WELDING

Cheretskii, A. K. [Electric slag welding of flanges in petroleum and chemical machinery manufacture] Elektroslavkovaya svarka flantsev v neflanom i khimicheskoi mashinostroeni. Leningrad, 1966. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnoe formoobrazovanie)

Method of disconnecting butt welded joints without stopping the process of electric slag welding. I. I. Sushchuk-Susarenko, I. I. Lyshko, N. N. Shablin. Avtom. svar. 19 no. 4:77 Ap '66.

Relay for limiting the current during the idling of welding transformers. P. Khong-Gromov, A. Koloshevich. Stroitel'stvo. Sred. Az. 1 no. 7:16-17 Ji '61.

Scheme of supplying a PAU-500 unit from a 380 v. network. G. A. Chernakov, I. A. Privalov, R. O. Khanlants. Stroitel'stvo. Sred. Az. 1 no. 6:32-33 Jo '65.

Strengthening parts by welding with powder wire. B. M. Baskin, I. A. Ulin. Za tekhn. prog. 4 no. 3:30-34 Mr '64.

Vacuum as an active protection of metals during welding. N. A. Ol'shanskii. Avtom. svar. 19 no. 4:50-53 Ap '66. Vainboim, D. I. [Automatic arc spot welding] Avtomaticheskaya dugovaya tochnaya svarka. Moskva, Mashinostroenie, 1966. 189 p.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Certain parameters of the process of electric resistance built-up welding. I. V. Klimentko. Avtom. svar. 19 no. 4:64-66 Ap '66.

Magnetic interaction of arcs during two-arc three-phase welding. S. L. Mandelberg. Avtom. svar. 19 no. 4:39-36 Ap '66.

Petrov, V. N., and P. A. Ruzhailin. [Improved arc welding equipment and apparatus] Usovshenshtovaniye oborudovaniya i apparatury dlia dugovoi svarki. Leningrad, 1966. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnoe formoobrazovanie)

Statistical determination of the actual spans of service life of the equipment for submerged-arc welding. A. I. Faerman. Avtom. svar. 19 no. 4:73-76 Ap '66.

Temporary temperature deformations during electric slag welding. V. A. Vinokurov. Avtom. svar. 19 no. 4:18-21 Ap '66.

ELECTRIC WIRE, INSULATED

Belorusov, N. I., and E. G. Fedoseeva. [Manufacture of cables and wires with plastic insulation] Proizvodstvo kabelei i provodov s plastmassovoi izolatsiei. Moskva, Energiia, 1966. 95 p.

Chudakov, P. I. [Placement of rubber insulation and coatings on wires and cables] Nalozhenie rezinovoi izolatsii i obolochek na provoda i kabeli. Moskva, Energiia, 1966. 140 p.

ELECTRIC WIRING

Grounding of power outlets. Energetik 14 no. 5:43 My '66.

ELECTRIC WIRING—SAFETY MEASURES

Sokolov, D. V. [Safety manual for electricians installing secondary circuits] Pamiatka po tekhnike bezopasnosti dlia elektromontera po vtorichnym tsepiam. Izd. 2., Izd. 2., ispr. Moskva, Stroitel'stvo, 1966. 23 p. (Tekhnika bezopasnosti v stroitel'stve)

ELECTRIC WIRING—TESTING

Wider use of EL-1 apparatus. A. P. Serdeshnov, V. S. Shevelev, I. S. Kafalo. Energetik 14 no. 5:33-37 My '66.

ELECTRICITY—PHYSIOLOGICAL EFFECT

Selective cortical control of evoked activity of the reticular structures of the brain. A. G. Rabin. Fiziol. zhur. 51 no. 2:159-163 F '65.

ELECTRICITY—STUDY AND TEACHING

Let's expand their knowledge of technology. L. Gol'dshein. Nar. obr. no. 5:60-61 My '66.

Studying electricity on the basis of the ideas of quantum theory. D. I. Penner, I. G. Pustil'nik. Izv. APN no. 141: 83-98 '65.

ELECTRICITY IN AGRICULTURE

Based on the overall mechanization and electrification. P. N. Listov. Vest. sel'khoz. nauki 11 no. 4:9-10 Ap '66.

New electric power rates. M. Smirenski. Tekh. v sel'khoz. 26 no. 4:31-32 Ap '66.

[Use of electric power in agriculture] Primenenie elektricheskoi energii v sel'skom khoziaistve. [By] S. A. Kovchin i dr. Leningrad, Kolos, 1966. 327 p. (Uchebnykh i uchebnoye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

ELECTRICITY IN LUMBERING

Pecherkin, V. E. [Electric power supply of lumbering camps using a one-wire and ground system] Elektro-snaabzhenie lesozagotovok po odnoprovodnoi sisteme OPZ. Moskva, Lesnaia promyshlennost', 1965. 81 p.

ELECTRICITY IN MILITARY ENGINEERING

Military electric power engineering. A. Alekseev. Tekh. i vooruzh. no. 7:10-17 Ji '65.

ELECTRICITY IN MINING

(see also subdivision under Donets Basin)

Electromechanical equipment in coal mines should operate economically and without breakdowns. N. M. Deriazintsev, A. L. Reznikov, A. M. Imshenetski. Ugol' Ukr. 10 no. 3:25-29 My '66.

Lining of cell boxes of mine electric locomotives. N. A. Kolesnik and others. Ugol' 41 no. 5:45-47 My '66.

The 1-URN equipment for crushing oversize rocks. E. I. Kikova, M. A. Volynets, S. N. Mogilat. Gor. zhur. no. 5:51-52 My '66.

Study of laws governing damages in the electric power distribution systems in open pit mines. V. I. Bocharov. Elektrichestvo no. 5:81-83 My '66.

ELECTRICITY ON SHIPS

Conference of the Technical Committee No. 18 of the International Commission of Electric Engineering. E. I. Svelokuzov. Sudostroenie 56 no. 3:83 Mr '66.

Marine shaft-driven generating sets. B. Levitski, I. Krivitski. Mor. flot 24 no. 1:22-25 Ja '64.

The reliability of the electric equipment of ships is on the agenda. N. M. Khomiakov, A. V. Mozgalevskii. Sudostroenie no. 9:64 S '65.

Servicing the insulation of a ship's electric machinery. S. P. Abramov. Mor. sbor. 49 no. 5:76-78 My '66.

Solodovnikov, G. S. [Electric safety during work on ships and under water] Elektrobezopasnost' pri rabote na sudakh i pod vodoi. Leningrad, Sudostroenie, 1966.

Starting conditions of a thyristor-excited d. c. electric drive. N. M. Khomiakov, E. V. Vinzunkovets. Sudostroenie 56 no. 3:37-39 Mr '66.

ELECTRIFICATION

(see also subdivision under Ural Mountain region)

Kolosov, V. V. [Training of power-engineering workers, a principal component of the Lenin plan for the electrification of the country] Podgotovka inzhenero-energeticheskikh kadrov - sostavnaia chast' leninskogo plana elektrifikatsii strany. Red. L. M. Bromberg. Moskva, Mosk. energ. in-t, 1966. 57 p.

Socialist obligations of the workers collectives of the State Production Committee on Power Engineering and Electrification of the U.S.S.R. for 1965. Elek. sta. 36 no. 3:5-7 Mr '65.

Trends of technological progress in the electric power industry and electrification. M. Vilenskii. Vop. ekon. no. 4:13-23 Ap '66.

V. I. Lenin on electrification. A. M. Nekrasov. Elek. sta. 36 no. 3:89-91 Mr '65.

ELECTROACOUSTICS

Electroacoustic interaction in hexagonal zinc sulfide. A. I. Morozov, I. B. Kobliakov, I. I. Kisil'. Fiz. i ver. tela 8 no. 3:805-808 Mr '66.

Prokhorov, E. A. [Electronic adaptation of musical instruments] Adapterizatsiia muzykal'nykh instrumentov. 2., izd. perer. i dop. Moskva, Energiia, 1966. 69 p. (Massovaya radiobiblioteka, no. 588)

Sound-recombination instability in semiconductors. V. L. Bonch-Bruевич, E. M. Epshtein. Fiz. i ver. tela 8 no. 3:943-947 Mr '66.

Use of the electroacoustical effect in the study of ultrasonic converters. A. I. Morozov, V. V. Proklov. Radio-tekhnika i elektronika 11 no. 5:952-954 My '66.

ELECTROCARDIOGRAPHY

Changes of the ventricular ECG complex in patients with mitral heart defects before and following mitral commissurotomy. V. I. Masluk, I. I. Sivkov, N. L. Iastrebtsova. Kardiologia no. 5:15-19 '64.

Characteristics of the normal electrocardiogram in dogs. T. A. Blinova. Fiziol. zhur. 52 no. 5:568-574 My '66.

Clinical evaluation of electrocardiographic signs of hypertrophy of the left ventricle in patients with thyrotoxicosis. L. S. Slavina. Probl. endok. i gorm. 10 no. 2:29-32 Mr-Apr '64.

Computation chart and ruler for the analysis of electrocardiographic data. V. G. Atukhov, I. A. Sapov. Sov. mod. 28 no. 9:127-129 S '64.

Diagnostic significance of the PR type QR complex in right precordial electrocardiographic leads. I. A. I. Rudakov. Kardiologia 4 no. 2:72-73 Mr-Apr '64.

Effect of health resort treatment on electrocardiographic and ballistocardiographic indices in atherosclerotic cardiosclerosis. M. N. Pertsovskii. Sov. med. 28 no. 9:34-37 S '64.

Effect of some chloroethylamines and ethyleneamines on the electrocardiogram and blood pressure in rabbits. A. P. Belikova, N. A. Kudriavina. Farm. i toks. 20 no. 2:213-215 Mr-Apr '66.

Electrocardiogram in isolated aortic stenosis. K. P. Butenko and others. Kardiologia 4 no. 2:67-68 Mr-Apr '64.

Electrocardiographic diagnosis of an incomplete block of the right pedicle of the bundle of His. I. M. Kaevskii. Kardiologia no. 5:43-49 '64.

Electrocardiographic picture of lesions of the muscle of the ventricles of the heart in patients with Ebstein's anomaly. K. A. Kiandarian. Zhur. eksp. i klin. med. 6 no. 1:18-25 '66.

Mechanism of changes in the natural cardiac and respiratory rhythm in cattle and swine during postnatal ontogeny. V. V. Arshavskii. Fiziol. zhur. 50 no. 10:1256-1263 O '64.

Nature of the escape phenomenon of the frog heart. V. S. Eremeev. Fiziol. zhur. 52 no. 5:541-546 My '66.

Post-tachycardia syndrome. M. V. Lashchevker. Kardiologia 4 no. 2:74-75 Mr-Apr '64.

Presystolic murmur in mitral stenosis. M. D. Rapoport. Kardiologia 4 no. 2:9-16 Mr-Apr '64.

Relationship of the properties of the loops of vectorcardiogram to the leads of ECG forming it. D. F. Presnakov. Pat. fiziol. i eksp. terap. 10 no. 2:88-93 Mr-Apr '66.

Seismocardiography. R. M. Raevskii, A. D. Egorov, I. A. Kazarin. Kardiologia 4 no. 2:67-68 Mr-Apr '64.

Some characteristics of the ECG in mild thyrotoxicosis. M. V. Spiridonova. Sov. med. 28 no. 9:18-23 S '64.

Some electrocardiographic changes in workers following exposure to the effect of various types of dust. A. A. Andrianov. Zhur. eksp. i klin. med. 6 no. 1:94-98 '66.

Some remarks concerning a case of Wolff-Parkinson-White syndrome. M. K. Gordon. Kardiologia no. 5:44-46 '64.

ELECTROCHEMICAL ANALYSIS

Conometric metalometry. Conometric planometric determination of antimony. P. S. Putunzhe, D. J. Stojkovic. Zhur. anal. khim. 21 no. 4:436-442 '66.

ELECTROCHEMISTRY

Electrochemical behavior of elements in small and ultra-small concentrations in solution. Part I: Dependence of the potential of lead deposition on platinum and gold electrodes on the concentration of Pb^{2+} in solution. D. M. Ziv and others. Radiokhimiia 8 no. 2:197-205 '66.

Electrochemical method of producing a free radical of hexafluoroisopropylhydrogen oxide. A. P. Tomilov, D. D. Smirnov, A. P. Videlko. Elektrokhimiia 2 no. 5:663 My '66.

Electrochemical processes in the formation of the oxidation zones of sulfide deposits. I. S. Ilyin, D. V. Voronin. Zap. Vses. min. ob-va 95 no. 2:181-182 '66.

Obtaining galvanoplastic copies of SMST-type dies. A. Avetisyan. Prom. Arm. 9 no. 2:31-33 F '66.

ELECTROCHEMISTRY, INDUSTRIAL

"Chemotrons" will lead you out of many difficulties. I. A. Maslovich. Izobr. i ratn. no. 4:20-9 Ap '66.

"History of chemical trades and chemical industry in Russia." Vol. 6. "Electrochemical industry" by P. M. Lukhanov, M. A. Fioshin. Elektrokhimiia 2 no. 5: 622-623 My '66.

ELECTRODES

Capacity of equilibrium double layer at the metal - binary electrolyte interface. A. A. Chernenko. Izv. AN SSSR Ser. khim. no. 5:1014-1018 '66.

Effect of the vibration of the electrode on the electrolytic deposition rate of metals. S. I. Popov, K. A. Rybanets. Zhur. prikl. khim. 30 no. 8:1766-1770 Ag '66.

New design of the rotating disk electrode with a ring. G. V. Zhuravskii, N. A. Shumilova. Elektrokhimiia 2 no. 5:606-607 My '66.

Some specific features of the behavior of gas electrodes in contact with solid electrolytes. S. V. Karpachev, A. T. Filin. Elektrokhimiia 2 no. 5:617-619 My '66.

ELECTRODES, BISMUTH

Determination of the potential of bismuth zero charge. U. V. Pal'm, V. P. Past, R. A. Pullerita. Elektrokhimiia 2 no. 5:604-606 My '66.

ELECTRODES, COPPER

Effect of some organic substances on the anodic dissolution of metals in neutral solutions. Part 4: Anodic dissolution of copper. S. G. Blalozor. Elektrokhimiia 2 no. 5:972-976 My '66.

ELECTRODES, DROPPING MERCURY

Use of the initial surface of the mercury dropping electrode in polarography. V. G. Matranovskii. Elektrokhimiia 2 no. 5:589-590 My '66.

- ELECTRODES, GOLD**
Oscillographic analysis of the gold anode during electrochemical separation of oxygen. I. U. S. Gorodetskii. *Izv. vys. ucheb. zav. i khim. i tekhn.* 9 no. 1:44-47 '66.
- ELECTRODES, GRAPHITE**
Electrochemical behavior of elements in small and ultra-small concentrations in solution. Part 2: Deposition of lead on graphite electrodes. D. M. Ziv and others. *Radiochimia* 8 no. 2:206-210 '66.
- ELECTRODES, MERCURY**
Interaction of adsorbed particles in coadsorption of two substances on mercury. G. A. Todoradze, R. A. Arakelian, E. D. Belokobas. *Elektrokhimika* 2 no. 5:563-571 May '66.
- ELECTRODES, NICKEL**
Behavior of a nickel anode in concentrated sulfuric acid. S. I. Krichmar, K. F. Afendik. *Elektrokhimika* 2 no. 5: 600-602 May '66.
- ELECTRODES, NICKEL—TESTING**
Studying the structure of porous nickel electrodes made by the ceramic metal method. N. V. Korovin, M. E. Magdasieva, V. K. Solov'ev. *Dokl. Akad. Nauk SSSR* 206 no. 5:32-40 May '66.
- ELECTRODES, SILVER**
Equation for the potential of a silver halide electrode in a flow. A. L. Bystritskii, V. V. Bardin, V. B. Aleksovskii. *Zhur. anal. khim.* 21 no. 4:393-396 '66.
- ELECTRODES, TITANIUM**
Effect of water and the nature of the electrolyte on the anodic activation of titanium in methanol solutions. A. I. Tsiman, V. S. Kuzub, A. N. Katrevich. *Elektrokhimika* 2 no. 5:557-562 May '66.
- ELECTRODIALYSIS**
Electrochemical method for the isolation of mercury from biological material. I. P. Marenchuk, O. A. Shcherbina. *Farmatsev. zhur.* 21 no. 2:37-41 '66.
- ELECTRODYNAMICS**
Capture of a superconducting sphere by a system of ring currents. V. N. Belozorov. *Zhur. tekhn. fiz.* 36 no. 5: 852-859 May '66.
- Equilibrium figures of closed ring-shaped current-carrying surfaces in a gas in the case of surface tension. P. Kh. Byrniev, I. M. Mator. *Zhur. tekhn. fiz.* 35 no. 10: 1762-1766 Oct '65.
- ELECTROENCEPHALOGRAPHY**
Changes in the bioelectric activity of the brain following surgery on its arteries. S. E. Ginzburg, E. I. Zlotnik. *Vop. neirokhir.* 30 no. 2:10-17 Mar-Apr '66.
- Changes in the bioelectrical activity of the brain in young children during fluorothane (fluothane) anesthesia. O. D. Kuz'minov and others. *Vest. khir.* 96 no. 4:116-120 Apr '66.
- Changes in the ECG in dogs following prolonged clinical death under conditions of isolated brain chilling. B. I. Gorokhovskii. *Pat. fiziol. i eksp. terap.* 10 no. 2:49-53 Mar-Apr '66.
- Characteristics of evoked potentials in the cerebral cortex following stimulation of the sciatic nerve under the effect of various narcotic substances. E. M. Nabil. *Fiziol. zhur.* 52 no. 5:472-480 May '66.
- Clinical electroencephalographic examination of patients with various lesions of the ventriculo-basilar system. V. A. Chukhrova, N. V. Veroshchagin, V. M. Salazkina. *Vest. AMN SSSR* 21 no. 5:35-41 '66.
- Effect of various narcotic substances on cortical potentials evoked by acoustic and painful stimulation in cats. Arnold Starr. *Fiziol. zhur.* 52 no. 5:458-464 May '66.
- Electrical activity in the area of clusters of glial cells in the medulla oblongata (area postrema). N. A. Aladzhalova, A. V. Kol'tsova. *Biul. eksp. biol. i med.* 58 no. 12:9-12 Dec '64.
- Electroencephalographic analysis of ascending activation of the brain during prolonged starvation. A. A. Panfilov, T. N. Loseva. *Fiziol. zhur.* 52 no. 5:417-422 May '66.
- Electroencephalographic data on acute cerebral insult in the light of their statistical analysis. E. A. Zhirmunskaya. *Vest. AMN SSSR* 21 no. 5:27-36 '66.
- Induced potentials of the roof of the midbrain in a lizard. I. U. B. Mantefel'. *Dokl. AN SSSR* 163 no. 2: 480-483 May '66.
- Interaction between induced potentials of the midbrain roof in frog. I. U. B. Mantefel'. *Dokl. AN SSSR* 168 no. 3:712-715 May '66.
- Interaction of evoked potentials in the visual cortex in rabbits with α -like waves. A. I. A. Supin. *Fiziol. zhur.* 52 no. 5:466-471 May '66.
- Methodology for accelerated determination of the localization of electrodes in the brain. E. N. Guseyn. *Fiziol. zhur.* 52 no. 5:606-607 May '66.
- Nature of changes in the electroencephalogram in diabetes mellitus. A. K. Dobrzanskaya, G. M. Frenkel'. *Probl. onkol. i gorm.* 10 no. 2:45-52 Apr '64.
- Problems of the methodology of electrophysiological studies and new books on the technique and methodology of electroencephalography. N. V. Golikov, D. N. Menitskii. *Fiziol. zhur.* 50 no. 9:1188-1190 Sep '64.
- Rhythm synchronization reaction in the electroencephalogram in women during labor. L. I. Lebedeva. *Fiziol. zhur.* 51 no. 2:173-180 Feb '65.
- Symposium "Matematicheski analiz elektroentsefalograficheskikh daniykh v eksperimente i klinike."**
Brevan, 1964. [Mathematical analysis of electrical manifestations of the brain] *Matematicheski analiz elektricheskikh iavlenii gotovogo mozga.* Moskva, Nauka, 1965. 105 p.
- ELECTROENCEPHALOGRAPHY—EQUIPMENT AND SUPPLIES**
Simple micromanipulator for the insertion of electrodes into the brain. A. M. Melekova, V. L. D'akonov. *Fiziol. zhur.* 51 no. 2:278-280 Feb '65.
- ELECTROENCEPHALOGRAPHY—NOMENCLATURE**
Dictionary of electroencephalographic terms as applied to human electroencephalography. E. A. Zhirmunskaya and others. *Fiziol. zhur.* 51 no. 2:275-277 Feb '65.
- ELECTROFORMING**
Structure and properties of high-grade manganese metal deposited by powder wire. E. N. Morozovskaya. *Avtom. svar.* 19 no. 4:23-25 Apr '65.
- ELECTROHYDRAULIC EFFECT**
Preparing a highly disperse aluminum powder by the electroerosion method. S. B. Ambinder, N. G. Andreeva, E. F. Kastrigina. *Alum. splavy* no. 4:192-201 '66.
- ELECTROKYMNOGRAPHY**
Electrocardiography in the diagnosis of aortic defects. E. I. Kunina. *Kardiologiya* 4 no. 2:30-35 Mar-Apr '64.
- ELECTROLUMINESCENCE**
Electroluminescence of silicon carbide diodes. V. I. Pavlichenko and others. *Fiz. tver. tela* 8 no. 4:1230-1245 Apr '66.
- ELECTROLYSIS**
Bainakov, I. U. V., and M. M. Votukov. [Electrolysis of fused salts] *Elektroliz raznykh soli.* Moskva, Metallurgiya, 1966. 560 p.
- Electrolysis of some dimethyl dicarboxylates in methanol and ethylene glycol. I. U. M. Tyuchina, E. P. Kovshina, E. A. Karayeva. *Zhur. prikl. khim.* 38 no. 8:1616-1624 Aug '65.
- Extraction of antimony from antimony dithio and hydroxy salt solutions by electrolysis in the cascade of batha diaphragms with independent overflow of anolyte and catholyte. N. D. Birlukov. *Zhur. prikl. khim.* 38 no. 8:1745-1754 Aug '65.
- Glow discharge electrolysis of alkaline solutions of hypochlorite and chlorite. M. I. Shalkauskas, S. P. Stulgane. *Elektrokhimika* 2 no. 5:542-546 May '66.
- ELECTROLYSIS—EQUIPMENT AND SUPPLIES**
Fundamentals of the design of electrolytic units. A. I. Fominov, L. A. Anagorski. *Izv. vys. ucheb. zav. i mashinostr.* no. 11:134-144 '64.
- ELECTROLYTE METABOLISM**
Changes in intracellular cation concentration during the incubation of muscles at a low temperature. N. A. Vinogradova, S. I. Vasilina. *Tsitologiya* 6 no. 4:408-493 Apr '64.
- Changes in mineral metabolism following thoracic operations. I. F. Grech, M. P. Romanova, E. A. Bogdanov. *Grud. khir.* 8 no. 2:40-45 Mar-Apr '66.
- Effect of the operation on water-salt metabolism in patients with stenosis of the aorta. P. P. Stepanov, A. V. Polovinskiy, R. M. Tal'vik. *Grud. khir.* 8 no. 2: 46-50 Mar-Apr '66.
- ELECTROLYTE SOLUTIONS—ANALYSES**
Device for analyzing electrolyte solutions from the ion mobility. B. P. Konstantinov, O. V. Oshurkova. *Zhur. tekhn. fiz.* 36 no. 5:942-957 May '66.
- ELECTROLYTES**
Effect of water and the nature of the electrolyte on the anodic activation of titanium in methanol solutions. A. I. Tsiman, V. S. Kuzub, A. N. Katrevich. *Elektrokhimika* 2 no. 5:557-562 May '66.
- Electrolytes as a factor intensifying the bactericidal properties of phenol preparations. G. M. Dosh'yan. *Trudy VNIIVS* 16:83-91 '66.
- Properties of nickel electrolyte containing formic acid. I. A. Kh. Bakaluk, V. O. Kisilevich, L. G. Shekhtova. *Elektrokhimika* 2 no. 5:613-614 May '66.
- Some specific features of the behavior of gas electrodes in contact with solid electrolytes. S. V. Karpenev, A. T. Filinaev. *Elektrokhimika* 2 no. 5:617-619 May '66.
- Study of the adsorption of electrolytes on monomeric oxycellulose by means of labeled cation and anion. Z. I. Cherevskii. *Radiochimia* 8 no. 2:234-238 '66.
- ELECTROLYTE CORROSION**
Copper corrosion in the solutions of caustic soda and ammonia. V. P. Dobrovolskaya, A. N. Gorobets, V. P. Baranik. *Khim. prom.* 42 no. 5:392-394 May '66.
- Role of hydrogen in the process of steel failure in a neutral corrosive environment. V. I. Tkachev, R. I. Kripiakevich. *Fiz.-khim. mekh. mat.* 1 no. 6:588-593 '65.
- ELECTROLYTIC OXIDATION** see Oxidation, Electrolytic
- ELECTROLYTIC POLISHING**
Electrochemical polishing of germanium. E. N. Palco-log, A. Z. Fedotova. *Elektrokhimika* 2 no. 5:517-526 May '66.
- Electrolytic polishing of bismuth in a saturated solution of sodium chloride. G. P. Petrov. *Elektrokhimika* 2 no. 5:535-537 May '66.
- ELECTROLYTIC REDUCTION** see Reduction, Electrolytic
- ELECTROMAGNETIC FIELDS**
Frequency methods for the analysis of transient electromagnetic fields in conducting media. A. T. Nikolaenko. *Dofektoskopiya* 2 no. 2:6-9 '66.
- Making use of the complex magnetic permeability of a substance in calculating electromagnetic fields in ferrimagnetic materials. V. E. Dreizin, V. K. Zhukov. *Dofektoskopiya* 2 no. 2:9-13 '66.
- Negovitskii, I. V. [Electromagnetic field theory; an abstract of lectures] *Teoriya elektromagnitnogo polya; k spetsial'noi. [2. izd.]* [Red. B. I. A. Zhukovskii]. Moskva, energ. in-1, 1966. 130 p.
- Plasma entrainment by a rotating electromagnetic field. V. P. Sidorov, T. R. Soldatenkov. *Zhur. tekhn. fiz.* 35 no. 10:1749-1754 Oct '65.
- Quantization of an electromagnetic field in a dispersing medium. A. I. Alekseev, I. P. Nikitin. *Zhur. eksp. teoz. fiz.* 50 no. 4:915-925 Apr '66.
- Quasi-linear theory of attenuation of electromagnetic waves in a magnetized plasma. J. Rowlands, V. I. Sizonenko, K. N. Stepanov. *Zhur. eksp. teoz. fiz.* 50 no. 4:994-1003 Apr '66.
- ELECTROMAGNETIC FIELDS—MEASUREMENT**
Universal unit for investigating and photographing super-high frequency electromagnetic fields. M. G. Aleksandrova and others. *Izv. vys. ucheb. zav. i prib.* 9 no. 2:18-20 '66.
- ELECTROMAGNETIC PROSPECTING**
(see also subdivision under Seismology)
- Magnetotelluric field over dipping elongated structures (polarization E). G. G. Obukhov. *Prikl. geofiz.* no. 46: 101-110 '65.
- Methodology of the calculation of the theoretical formation of the electromagnetic field. L. L. Vasilina, E. I. Terukhin, A. I. Shlimmer. *Prikl. geofiz.* no. 46:90-100 '65.
- Methods for the graphic construction of three-layered curves of magnetotelluric sounding. V. R. Khomutov, T. N. Zavadskaya. *Prikl. geofiz.* no. 46:111-127 '65.
- Phase measurements in magnetotelluric prospecting. G. N. Andrichenko. *Prikl. geofiz.* no. 43:70-82 '65.
- ELECTROMAGNETIC PROSPECTING—EQUIPMENT AND SUPPLIES**
Calculation of the signal from a wire circuit system used in the calibration of the apparatus for induction magnetometry. V. N. Bogatin. *Izv. vys. ucheb. zav. i geol. i razv.* 9 no. 3:99-104 May '66.
- ELECTROMAGNETIC PUMPS**
Hydraulic principles for determining the parameters of batches of liquid metal with constant pressure at the inlet. G. G. Branover, O. A. Melasova, E. I. Shekhter. *Mag. gidr.* no. 1:103-108 '66.
- ELECTROMAGNETIC PUMPS—DESIGN AND CONSTRUCTION**
Characteristics of an electromagnetic conduction pump operating on liquid sodium at a temperature up to 500°C. V. K. Grishin, A. G. Kuznetsov. *Mag. gidr.* no. 1:127-131 '66.
- Design of the magnetic system of a cylindrical helical d. c. pump of minimum weight. B. I. Allovskii, A. I. Bertinov. *Mag. gidr.* no. 1:121-126 '66.
- Electromagnetic pump based on the pinch-effect. O. M. Mironov. *Mag. gidr.* no. 1:132-136 '66.
- Unification of design methods for cylindrical and flat induction pumps. A. I. Vol'dek. *Mag. gidr.* no. 1:116-120 '66.
- ELECTROMAGNETIC THEORY**
Rosa, Morris Edgar. [Multipole fields. Translated from the English] *Polia multipoln.* Moskva, 1957. 132 p. (NBUU)
- ELECTROMAGNETIC WAVES**
Amplification of electromagnetic waves by a charged particle flux in transient radiation at the interface of two media. S. M. Fainshtein. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 2:403-494 '66.
- Losses in the field of a plane electromagnetic wave. A. A. Borgardt, D. I. Karpenko. *Zhur. eksp. teoz. fiz.* 50 no. 4:1167-1170 Apr '66.
- Diffraction of a plane wave on a double grating composed of thin bands. G. Sh. Kevanishvili, D. K. Kvavadze. *Zhur. tekhn. fiz.* 35 no. 10:1799-1805 Oct '65.

ELECTROMAGNETIC WAVES (Continued)

- Electromagnetic waves in a coaxial line containing a nonuniform isotropic dielectric. V. M. Ginzburg, E. A. Iakovleva. Radiotekh. i elektron. 11 no. 5:850-859 My '66.
- Interaction of electromagnetic waves on a plasma boundary. I. R. Alanakian. Zhur. tekhn. fiz. 36 no. 5:906-912 My '66.
- Kinetic theory of electromagnetic waves in a confined magneto-active plasma. A. N. Kondratenko. Zhur. tekhn. fiz. 36 no. 5:791-799 My '66.
- Kinetic theory of the passage of an electromagnetic wave through a plasma layer in a magnetic field. A. N. Kondratenko, V. I. Miroshnichenko. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:272-278 '66.
- Motion of a charged particle in the field of a decelerated plane electromagnetic wave. A. G. Bonch-Osmolovskii. Zhur. tekhn. fiz. 35 no. 10:1757-1761 '65.
- Propagation of electromagnetic waves in a ferrite inductor. A. M. Shenderovich. Zhur. tekhn. fiz. 35 no. 10:1825-1833 '65.
- Quasi-linear acceleration of particles by a transverse electromagnetic wave. A. A. Kolomoienkii, A. N. Lebedev. Zhur. eksp. teor. fiz. 50 no. 4:1101-1106 Ap '66.
- Raising the level of radiation from a slit on a cylinder in the shadow zone. M. P. Naimushin. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:336-340 '66.
- Self-similar bundles of waves in a nonlinear dielectric. V. I. Talanov. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:410-412 '66.
- Transformation of a transverse electromagnetic wave into iono-acoustic plasma oscillations with the formation of an intermediate Langmuir electric wave. I. S. Danilkin. Zhur. tekhn. fiz. 36 no. 5:812-817 My '66.
- The wave guide discrimination method. S. D. Il'in, S. S. Prutsev, A. V. Chernetskii. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:279-286 '66.

ELECTROMAGNETIC WAVES—DIFFRACTION

- Electromagnetic wave diffraction on a discontinuity of surface impedance in a coaxial wave guide. M. S. Bobrovnikov. Izv. vys. ucheb. zav., fiz. 9 no. 2:11-15 '66.
- Solution of a problem on the diffraction of a plane wave on two circular cylinders for a case of short waves. E. A. Ivanov. Radiotekh. i elektron. 11 no. 5:931-933 My '66.

ELECTROMAGNETIC WAVES—SCATTERING

- Scattering of waves from a surface with normal distribution of random deviations. E. V. Chavenskii. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:400-403 '66.
- Scattering of waves in a plasma. L. M. Gorbunov, V. P. Silin. Zhur. eksp. teor. fiz. 50 no. 4:1095-1100 Ap '66.

ELECTROMAGNETIC WAVES—THERAPEUTIC USE

- Problems of occupational hygiene in servicing microwave therapy apparatus. A. R. Livenson. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 5:450-456 S-O '64.

ELECTROMETALLURGY

- New developments in research. B. K. Karavashkin and others. Stal' 26 no. 5:428 My '66.

ELECTROMOTIVE FORCE

- Determination of the potential of bismuth zero charge. U. V. Palt'm, V. E. Past, R. I. A. Pullerits. Elektrokhimia 2 no. 5:604-606 My '66.
- Equation for the potential of a silver halide electrode in a flow. A. L. Bystritskii, V. V. Bardin, V. B. Aleksovskii. Zhur. anal. khim. 21 no. 4:393-396 '66.
- Method of stepped lowering of potential in inversion polarography. E. M. Skobets, A. I. Karnaukhov. Ukr. khim. zhur. 32 no. 5:457-460 '66.
- Photo-e. m. f. on a pn-junction in a semiconductor following intense excitation. L. M. Bilnov, V. S. Vavilov, G. N. Galkin. Pis't. v red. Zhur. eksper. i teoret. fiz. 3 no. 9:361-365 My '66.

ELECTROMYOGRAPHY

- Comparison of some morphological and functional characteristics of muscle fibers. G. A. Nasledov, Fiziol. zhur. 50 no. 11:1342-1349 N '64.
- Constant polarization potentials of muscles in frogs in Sechenov inhibition. A. D. Pshedetskii, L. A. Fadeeva. Fiziol. zhur. 52 no. 5:431-485 My '66.
- Effect of massage on the bioelectrical activity of muscles in patients with pareses and paralyzes of central origin. A. V. Sirotkina. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 5:442-445 S-O '64.
- Further studies on slow and rapid muscle systems in frogs. N. F. Skorobovtchuk, N. A. Chizhova. Fiziol. zhur. 50 no. 11:1335-1341 N '64.

ELECTROMYOGRAPHY—EQUIPMENT AND SUPPLIES

- Experimental electrographic methodology for the study of the motor function of the gallbladder. M. A. Sobakin, D. P. Todorov. Biol. eksp. biol. i med. 58 no. 9:123-125 S '64.

ELECTRON BEAMS

- Alamovskii, I. V. [Electron beams and electron guns] Elektronnye puchki i elektronnye puslki. Moskva, Sovetskoe radio, 1966. 455 p.

- Analysis of an axisymmetrical electron beam focused by a periodic electrostatic field. M. Siladi. Radiotekh. i elektron. 11 no. 5:870-878 My '66.

- Analysis of the focusing and stability of intense electron beams in periodic magnetic fields. I. A. Danovich. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:351-361 '66.

- Calculation of the focusing of charged particles by periodic fields. A. P. Fateev. Radiotekh. i elektron. 11 no. 5:940-942 My '66.

- Compensation of a space charge by pulse electron beams. V. S. Bosamykin, A. I. Pavlovskii. Zhur. tekhn. fiz. 36 no. 5:958-960 My '66.

- Excitation of atoms by beams of monoenergetic electrons. I. P. Zapesochnyi, O. B. Shpenik. Zhur. eksp. teor. fiz. 50 no. 4:890-896 Ap '66.

- Interaction of electron streams with fields of space harmonics of two-periodic delaying systems. R. A. Dudnik. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:415-417 '66.

- Nonlinear interaction of the waves of the harmonic components in an electron beam. V. I. Knavets. Radiotekh. i elektron. 11 no. 5:938-939 My '66.

- Suppression of low-frequency oscillations during beam instability with the aid of preliminary modulation of the electron beam. E. A. Kornilov and others. Pis't. v red. Zhur. eksper. i teoret. fiz. 3 no. 9:354-357 My '66.

- Transformation of the transverse waves of an electron flow using an electrostatic lense. I. U. I. Urov. Izv. vys. ucheb. zav., radiotekh. 9 no. 2:169-176 Mr-Ap '66.

ELECTRON GAS

- Quenching of an electric arc in electron gas. G. D. Markush, A. I. Poltev. Trudy LPI no. 258:71-78 '65.

ELECTRON MICROSCOPY

- Electron microscope and microdiffraction study of optically homogeneous titanomagnetite by means of ultrathin sections. R. V. Bolarskaya, A. I. Gorskova. Dokl. AN SSSR 168 no. 1:180-181 My '66.
- Electron microscope study of polymer crystallization in the presence of artificial structure-forming agents. T. A. Korotkaya, T. I. Sogolova, V. A. Kargin. Vysokom. soed. 8 no. 5:949-951 My '66.
- Electron microscope study of supermolecular structures of copolymeric products of vinyl chloride with ethylene and propylene. I. N. Vishnevskaya, K. S. Musker, V. A. Kargin. Vysokom. soed. 8 no. 5:860-864 My '66.
- Electron microscopic and histochemical examination of the pulmonary capillaries during the process of formation of immunity following BCG vaccination. V. F. Salov. Probl. tub. no. 7:76-79 '65.
- Electron microscopy of leucocytes in the process of their preservation. E. I. Terel'teva and others. Probl. gemat. i perel. krovi 11 no. 1:28-34 Ja '66.

- Electronic microdensitometry of radiation effects in biological samples. I. U. A. Atrokhin. Sbor. trud. po agron. fiz. no. 12:225-229 '65.

- Ferritin and its use in electron microscopic study of viruses. E. H. Mykhailova, I. A. H. Kishko, M. S. Pavliuk. Mikrobiol. zhur. 28 no. 3:20-32 '66.

ELECTRON OPTICS

- Motion in spatially periodic magnetic fields. R. I. Kovtun. Zhur. tekhn. fiz. 36 no. 5:827-842 My '66.
- Study of a regenerative optron with optical feedback. E. I. Adirovich, V. I. Gordeev. Dokl. AN SSSR 168 no. 2:310-313 My '66.

ELECTRON PARAMAGNETIC RESONANCE

- Complexes with charge transfer in organic semiconductors based on polyethylene. A. D. Grishina, N. A. Bakht. Elektrokhimia 2 no. 5:614-615 My '66.

- Determination of stabilized charge yield in low-temperature radiolysis of organic systems. V. A. Tochlin, V. G. Nikol'skii, N. I. A. Duben. Dokl. AN SSSR 168 no. 2:360-363 My '66.

- Double electron - nuclear resonance of F-centers in KCl at room temperature. (First and second coordination spheres). M. F. Deigen, M. A. Ruban, I. U. S. Gromovoi. Fiz. tver. tela 8 no. 3:827-831 Mr '66.

- Effect of an external electric field on electron paramagnetic resonance signals from pairs of exchange-coupled chromium ions in ruby. I. U. A. Sheratkov and others. Pis't. v red. Zhur. eksper. i teoret. fiz. 3 no. 10:401-404 My '66.

- Electron paramagnetic resonance in a PbMoO₄ single crystal. A. A. Antipin, I. N. Kurkin, L. I. A. Shkum. Fiz. tver. tela 8 no. 4:1308-1309 Ap '66.

- Electron paramagnetic resonance of Cr³⁺ ions in lithium-aluminum spinel. L. N. Ansel'm and others. Fiz. tver. tela 8 no. 4:1013-1020 Ap '66.

- Electron paramagnetic resonance of Mn²⁺ ions in Ti₂SeAs₂Se₃. L. D. Bogomolova, V. N. Lazukin, I. V. Chepeleva. Dokl. AN SSSR 168 no. 1:59-62 My '66.

- Electron paramagnetic resonance of tetragonal Nd³⁺ centers in some crystals of the scheelite homologous series. I. N. Kurkin. Fiz. tver. tela 8 no. 3:731-735 Mr '66.

- Electron paramagnetic resonance spectra of catalytically active chelate complexes of copper. V. F. Anufrienko, E. K. Mamaeva, N. P. Keler. Dokl. AN SSSR 168 no. 1:116-119 My '66.

- Forbidden magnetic resonance in ferroelectrics. L. L. Bulshvili, L. D. Votova, N. P. Giorgadze. Fiz. tver. tela 8 no. 4:1309-1311 Ap '66.

- Formation of radicals in the radiolysis of solid organic substances. Part 3: Electron paramagnetic resonance spectra and radiation-induced yield of radicals in some organosilicon compounds. I. I. Chikheidze and others. Khim. i tekhn. 7 no. 2:230-236 Mr-Ap '66.

- Free radicals in condensed liquid preparations. M. I. Chudakov, V. I. Mat'nev, V. E. Bronovitskii. Gidroliz. i lesokhim. prom. 19 no. 4:13-14 '66.

- New design of a reactor for studying gas reactions by the electron paramagnetic resonance method. F. N. Surkhdan, V. V. Azatian. Khim. i tekhn. 7 no. 2:362-363 Mr-Ap '66.

- Study of the interaction of hydroperoxide groups in rubbers with phenolazine by the electron paramagnetic resonance method. I. Beniska and others. Vysokom. soed. 8 no. 5:893-897 My '66.

ELECTRON PARAMAGNETIC RESONANCE—SPECTRA

- Effect of thermal treatment on the electron paramagnetic resonance spectra in certain chalcogenide glasses. L. D. Bogomolova, V. N. Lazukin. Dokl. AN SSSR 168 no. 3:569-563 My '66.

- Measurement of a magnetic field on the surface of the superconductor Nb - Zr with the aid of the electron paramagnetic resonance line. N. I. Krivko. Zhur. tekhn. fiz. 35 no. 10:1906-1907 O '65.

- Studying the electron paramagnetic resonance spectra of some irradiated amino acids. A. I. Mochalkin. Sbor. trud. po agron. fiz. no. 12:162-162 '65.

ELECTRON-TUBE OSCILLATORS see Oscillators, Electron-tube

ELECTRON TUBES

- Cherophon, N. V. [Vacuum properties of materials for electronic devices] Vakuumnye svoystva materialov dlia elektronnykh priborov. Moskva, Sovetskoe radio, 1966. 344 p.

- Development of breakdown in high-voltage modulating tubes in steady-state operation. P. V. Poshchekonov, B. A. Samyshkin. Izv. vys. ucheb. zav., radiotekh. 9 no. 2:232-233 Mr-Ap '66.

- Radechenko, L. A., I. I. Dvorkin, and I. U. I. Koshkin. [Ultrafines in the manufacture of electronic and vacuum devices] Ul'trazvuk v proizvodstve elektronnykh priborov. Leningrad, 1965. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Perevod ot proizvodstvennoi opyt. Seriya: Elektrofizicheskie i elektrokhimicheskie metody obrabotki metallov)

ELECTRONEGATIVITY

- Formulas of polyions and electronegativity. A. S. Gencharenko. Zhur. neorg. khim. 11 no. 4:943-945 Ap '66.

ELECTRONIC APPARATUS AND APPLIANCES

- Construction of optimal programs for checking operational capability. L. S. Timonen. Avtomatika no. 1:75-82 '66.
- Effect of a space charge of particles on the focusing and dispersive properties of electrostatic fields in cylindrical and plane energy analyzers. A. S. Shapovalov. Zhur. tekhn. fiz. 36 no. 5:920-930 My '66.

- Electronic artist. NTO 8 no. 5:62 My '66.
- Electronic device for differential-thermal analysis. N. G. Rihtsev. Zav. lab. 32 no. 1:116-117 '66.
- Theory of a two-mass vibro-striker model. L. V. Bessalova, V. S. Mstrikhin. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:362-375 '66.

ELECTRONIC APPARATUS AND APPLIANCES—RELIABILITY

- Mon'takov, N. V. [Reliability of automatic control devices considering their structure] O nadezhnosti ustroystv avtomatiki s uchetom ikh struktury. Leningrad, 1965. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Pribory i elementy avtomatiki)

ELECTRONIC CIRCUITS

- Random effects on a self-tuning system. K. G. Kir'yanov. Izv. vys. ucheb. zav., radiofiz. 9 no. 2:324-335 '66.
- Some problems in the development of a heat-resistant electronic circuit for the side-core drilling equipment. A. G. Melnikov, V. I. Neftakov. Za tekhn. prog. 4 no. 12:1-4 D '64.

ELECTRONIC COMPUTERS

- The "ELKA" desk electronic ten-key calculator. Zh. Paskalev. Prihorostroenie no. 5:27-28 My '66.
- Effect of the scatter of initial readout on the measurement of the correlation functions of nonstationary processes. V. I. Ushin. Avtomatika no. 1:96-100 '66.
- Electronic modeling of some problems of mathematical programming. G. E. Pukhov, V. V. Vasil'ev, A. N. Klepikova. Trudy LIEI no. 58:251-261 '66.

- ELECTRONIC COMPUTERS (Continued)**
Investigating controlled electrochemical resistances. V. S. Borovkov, V. V. Treder. *Izv. vys. ucheb. zav.*; prib. 9 no. 2:69-73 '66.
Low-frequency reversing computer. N. G. Babaev. *Za tekhn. prog.* 4 no. 3:11-12 Mr '64.
Rabinovich, Z. L. [Elementary operations in electronic computers] *Elementarnye operatsii v vychislitel'nykh mashinakh.* Kiev, Tekhnika, 1966. 302 p.
Realization of power functional relations with nonlinear semiconductor resistances. V. M. Chukhontsev. *Izv. vys. ucheb. zav.*; prib. 9 no. 2:83-85 '66.
Unit for converting binary code into the decimal one with indication of the result of conversion. V. P. Murav'ev. *Izv. vys. ucheb. zav.*; prib. 9 no. 2:86-91 '66.
- ELECTRONIC COMPUTERS—ABSTRACTS**
[Journal of abstracts: Cybernetics] Ref. zhur.: Kib. no. 5 My '66.
- ELECTRONIC COMPUTERS—CONGRESSES**
Soveshchanie po voprosam avtomaticheskogo vvoda pis'mennykh znakov v elektronnye vychislitel'nye mashiny. Vilnius, 1965. [Automation of the input of written signs in electronic computers; transactions of a scientific and technological conference] *Avtomatizatsiya vvoda pis'mennykh znakov v elektronnye vychislitel'nye mashiny; doklady nauchno-tekhnicheskogo soveshchaniia.* Vilnius, Respubl. in-t nauchno-tekhn. informatsii i propagandy Litovskoi SSR, 1965. 271 p.
- ELECTRONIC COMPUTERS—PARTS**
Some problems in designing logical circuits with multibar magnetic elements. V. B. Smirnov. *Izv. vys. ucheb. zav.*; prib. 9 no. 2:79-82 '66.
- ELECTRONIC CONTROL**
Determining the equivalent transfer function of a passive electric network by frequency characteristics. B. M. Iakovlev. *Izv. vys. ucheb. zav.*; prib. 9 no. 2:64-68 '66.
Pulse-frequency control unit. A. L. Gurevich, L. A. Rustinov. *Izv. vys. ucheb. zav.*; prib. 9 no. 2:58-63 '66.
Using EPP and RU5 for the regulating programming device. I. A. Egorov. *Priborostronoe* no. 5:26 My '66.
- ELECTRONIC DATA PROCESSING**
Method for the evaluation of computing errors of electronic digital computers in solving economic problems. S. E. Livshits. *Trudy LIEI* no. 58:295-298 '66.
Processing of business information presented in a matrix form. V. A. Budria. *Trudy LIEI* no. 58:268-274 '66.
- ELECTRONIC DATA PROCESSING—AUTOMATIC CONTROL**
Introducing limitations for the arrangement of roots of the characteristic equation of a control system in calculating with an electronic digital computer. V. M. Vlasova, A. M. T'sirlin. *Priborostronoe* no. 5:9-11 My '66.
- ELECTRONIC DATA PROCESSING—BEAMS AND GUIDES**
Experimental proof of the calculation of a waveguideless multibeam beam span structure executed on a "Ural-2" electronic computer. A. V. Aleksandrov. *Trudy MIIT* no. 194:111-116 '66.
- ELECTRONIC DATA PROCESSING—BEARING INDUSTRY**
Organizing an information and computation center at the First State Bearing Plant. G. V. Lagunov, A. I. Ivanov. *Avt.prom.* 32 no. 5:1-3 My '66.
- ELECTRONIC DATA PROCESSING—BRONCHOSCOPY**
Analysis of bronchoscopic symptoms of lung cancer with the aid of an electronic digital computer. G. I. Lukomskii and others. *Grud.khir.* 8 no. 2:74-79 Mr-Apr '66.
- ELECTRONIC DATA PROCESSING—BUILDING**
(see also subdivision under Leningrad; Moscow; Penza)
For a profound knowledge of economic and mathematical methods. E. Varenik. *Na stroi.Ros.* 7 no. 4:17 Ap '66.
"Time and resources" network model. V. Ivanov. *Na stroi.Ros.* 7 no. 4:15-16 Ap '66.
With the help of computers. V. Zaikin. *Stroi i arkh.* Mosk. 15 no. 5:8-10 My '66.
- ELECTRONIC DATA PROCESSING—CANNING INDUSTRY—MANAGEMENT**
Economic and mathematical model of a comprehensive production plan of a cannery. A. V. Orlov. *Kons. i ov.prom.* 21 no. 5:7-10 My '66.
- ELECTRONIC DATA PROCESSING—CARGO HANDLING**
Use of electronic digital computers for the optimization of the loading of seagoing transport vessels. K. Z. Makhmutov. *Trudy TSNIIMF* no. 77:99-101 '65.
- ELECTRONIC DATA PROCESSING—CLOTHING INDUSTRY**
Application of modern calculating machines in the clothing industry. A. S. Rusheutsev, D. E. Sinepnikov, Shvein.prom. no. 2:25-26 Mr-Apr '65.
- ELECTRONIC DATA PROCESSING—COAL MINES AND MINING**
(see also subdivision under Donetsk Basin)
Calculating the optimum sections of a network of mine workings by electronic digital computers. P. I. Pollakov. *Ugol'* 41 no. 5:51-56 My '66.
- ELECTRONIC DATA PROCESSING—COAL PREPARATION PLANTS** see subdivision under Donetsk Basin
- ELECTRONIC DATA PROCESSING—CONSTRUCTION INDUSTRY**
Critical method and calendar planning in construction management. P. Slipchenko, V. Rybalevskii, V. Mikhel's. *Prom. stroi. i inzh. soor.* 6 no. 3:32-36 My-Je '64.
Use computers in construction. L. V. Milkin. *Blud. stroi. tekhn.* 27 no. 3:43-45 Mr '65.
- ELECTRONIC DATA PROCESSING—CYBERNETICS**
Local analysis of images by means of anisotropic space filters. V. P. Romanov. *Dokl. AN SSSR* 168 no. 3:539-542 My '65.
- ELECTRONIC DATA PROCESSING—EARTH DAMS**
Using electronic computers in calculating the stabilization of cores and screens of earth dams. A. G. Kokolov. *Trudy LPI* no. 257:120-133 '65.
- ELECTRONIC DATA PROCESSING—ELASTIC PLATES AND SHELLS**
Using a discrete model in calculating plates with the aid of electronic digital computers. A. V. Aleksandrov, N. N. Shaposhnikov. *Trudy MIIT* no. 194:50-67 '66.
- ELECTRONIC DATA PROCESSING—ELECTRIC CABLES**
Planning of a cable layout with the use of a computer. A. M. Kholin, S. B. Elukin, V. I. A. Omel'chik, M. A. Kravets. *Elek. sta.* 37 no. 3:33-34 Mr '66.
- ELECTRONIC DATA PROCESSING—ELECTRIC MACHINERY**
Calculation of the commutation process and the area of sparkless operation of d.c. machines using digital computers. O. G. Venger. *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:400-409 '66.
Modeling of the magnetization curves of noncompensated d.c. machines using analog computers. E. G. Vladimirova. *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 4:380-384 '66.
- ELECTRONIC DATA PROCESSING—ELECTRIC WELDING**
Introduction of digital systems into the regulation of resistance welding machines. A. I. Gulliaev, S. I. A. Panov. *Avtom. svar.* 10 no. 4:61-63 Ap '66.
- ELECTRONIC DATA PROCESSING—FACTORY MANAGEMENT**
(see also subdivision under Tarta)
Automation of the synthesis of optimal technological processes and calendar planning. S. A. Dunter, V. D. Tsvetkov. *Trudy LIEI* no. 58:101-104 '66.
- ELECTRONIC DATA PROCESSING—FOUNDING**
Planning on an electronic digital computer for an even loading of the productive capacity of main sections of a foundry workshop. I. M. Lipkind, R. P. Shelumov. *Trudy LIEI* no. 58:146-148 '66.
- ELECTRONIC DATA PROCESSING—GRAVITY PROSPECTING**
Calculation of the elements of vertical stage according to gravimetric data using electronic computers. V. M. Berezhkin, A. P. Buketov. *Prikl. geofiz.* no. 43:88-91 '65.
- ELECTRONIC DATA PROCESSING—HYDROLOGY** see subdivision under Kama Valley
- ELECTRONIC DATA PROCESSING—INDUSTRIAL MANAGEMENT**
Analysis of the system of management and information. A. A. Modin, V. N. Efimov. *Ekon. i mat. metod.* 2 no. 3:351-360 My-Je '66.
The First All-Union Conference on the Application of Mathematical Methods in Economics and the use of Electronic Computers in the Management of Industrial Enterprises. F. G. Gurevich. *Ekon. i mat. metod.* 2 no. 3:460-467 My-Je '66.
- ELECTRONIC DATA PROCESSING—LINEAR EQUATIONS**
Using digital computers in numerical integration of linear differential equations. R. A. Rimskii. *Trudy MIIT* no. 225:104-114 '66.
- ELECTRONIC DATA PROCESSING—LOCOMOTIVES**
Using electronic computers in investigating torsional vibrations of Alstom-type tractive drives of locomotives. S. N. Perevozchikov. *Izv. vys. ucheb. zav.; mashinostr.* no. 3:121-125 '66.
- ELECTRONIC DATA PROCESSING—MACHINERY**
Engineering calculations of the drive and dynamics of machinery with crankshaft based on the results of electric modeling. F. M. Shlykov, I. M. Tel'dbaum. *Izv. vys. ucheb. zav.; mashinostr.* no. 2:66-71 '66.
- ELECTRONIC DATA PROCESSING—MACHINERY INDUSTRY**
Automation of the receiving, transmission, and processing of current information for operation planning and the regulation of production. L. L. Markina. *Trudy LIEI* no. 58:149-153 '66.
Main problems of the optimization of planning for single and small-lot machinery production and the use of electronic computers. I. E. Neldov. *Trudy LIEI* no. 58:135-141 '66.
Problems of coding economic information. V. I. Lushayev. *Trudy LIEI* no. 58:233-250 '66.
Use of electronic computers and linear programming in operation and production planning (the machinery industry). K. G. Tatevosov. *Trudy LIEI* no. 58:83-88 '66.
- ELECTRONIC DATA PROCESSING—MARINE ENGINEERING**
Study of transient processes in electric power systems by the use of computers. A. I. Vinogradova, E. G. Mikhailova, N. K. Shvachov. *Sudostroenie* 56 no. 3:19-25 Mr '66.
- ELECTRONIC DATA PROCESSING—MEDICAL STATISTICS**
Use of electronic computers for the processing of some medical statistical materials. V. N. Harova. *Uch. zap. po stat.* 9:185-204 '65.
- ELECTRONIC DATA PROCESSING—MERCHANT MARINE**
Basic principles of the construction of an automated system for the collection and processing of operative information for a marine shipping company. K. N. Denisov and others. *Inform. sbor. TSNIIMF* no. 1:15. *Sudovozh. i aviaz.* no. 33:68-75 '66.
Determining the response time of the internal and buffer memory of a dispatcher's digital computer. A. N. Kiselev. *Trudy TSNIIMF* no. 77:89-93 '65.
One variant of structural design of a perception type recognizing system as a component in the automatic control of the work of the fleet. K. N. Denisov, E. N. Perevozchenov. *Trudy TSNIIMF* no. 77:74-81 '65.
Some problems concerning the reliability of a dispatcher's digital computer. A. N. Kiselev, V. K. Kulagin. *Trudy TSNIIMF* no. 77:94-99 '65.
Studying the flow of dispatcher's information received at the Leningrad "JIM" radio center. V. K. Kulagin. *Inform. sbor. TSNIIMF* no. 1:16. *Sudovozh. i aviaz.* no. 33:75-85 '66.
Use of electronic computers in the planning of ocean transportation. M. Belavyn. *Mor. flot* 24 no. 1:41-42 Ja '64.
- ELECTRONIC DATA PROCESSING—MINE VENTILATION**
Tsoi, Samen, and S. M. T'skhai. [Electronic computer techniques in the mine ventilation service] *Elektronno-vychislitel'naya tekhnika v ventilatsionnoi sluzhbe shakht.* Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 232 p.
- ELECTRONIC DATA PROCESSING—MUNICIPAL SERVICES**
Eglik, I. S. [Electronics in the municipal economy] *Elektronnaya tekhnika v gorodskom khoziaistve.* Moskva, Stroifdat, 1966. 50 p. (Nauchno-popul'narua seriia)
- ELECTRONIC DATA PROCESSING—OCEANOGRAPHY**
Vania, V. P., and I. K. Cherevynskii. [Specialized computer for oceanographic calculations] *Spetsializirovannaya vychislitel'naya mashina dlia okeanograficheskikh raschetov.* Moskva, Vychislitel'nyi tsentr AN SSSR, 1966. 117 p. (Trudy Vychislitel'nogo tsentra)
- ELECTRONIC DATA PROCESSING—ONCOLOGY**
Ways of the use of cybernetics in clinical oncology. D. M. Abduragimov, L. B. Nommov, N. K. Muratkhodzhaev. *Vop. onk.* 12 no. 5:106-114 '66.
- ELECTRONIC DATA PROCESSING—OPEN-HEARTH PROCESS** see subdivision under Ukraine
- ELECTRONIC DATA PROCESSING—OSCILLATIONS**
Use of analog computers in studying the oscillations of polyatomic molecules. D. S. Kovalchuk, V. P. Morozov. *Dop. AN URSR* no. 4:462-466 '66.
- ELECTRONIC DATA PROCESSING—PETROLEUM—TRANSPORTATION**
Problems of planning the supply of petroleum products using electronic computers. V. V. Razumov, I. A. Timonov. *Neft.khoz.* 44 no. 4:59-62 Ap '66.
- ELECTRONIC DATA PROCESSING—PRODUCTION ENGINEERING**
Economic efficiency of the use of an operating computer in the light industry. G. Khachatryan, N. Gevargisyan. *Prom. Avtom.* 9 no. 2:10-12 P '66.

ELECTRONIC DATA PROCESSING—RAILROADS

Effective correlation of the function of man and machine. G.A. Krasovskii. *Avtom., telemekh. i svyaz'* 10 no. 4: 8-11 Apr '66.

ELECTRONIC DATA PROCESSING—RAILROADS—ELECTRIFICATION

Fundamentals of algorithms for calculations by means of electronic digital computers in determining expedient schedules of electrification of railroads. A.M. Makarovskii. *Trudy MIIT* no. 217:162-199 '66.

ELECTRONIC DATA PROCESSING—RAILROADS—FREIGHT

Optimum weight and speed of rapid freight trains. K.K. Tikhonov. *Trudy MIIT* no. 217:6-161 '66.

ELECTRONIC DATA PROCESSING—RAILROADS—TRAFFIC

Modeling the process of car movement for the experimental testing of the performance of the system of self-adjusting time standards in car movement. E.E. Zakhariev. *Trudy MIIT* no. 217:200-217 '66.

ELECTRONIC DATA PROCESSING—SHELLS (ENGINEERING)

Using computers in calculating sectional axisymmetric shells. M.N. Dvurets, N.I. Prigorovskii. *Mashinovedenie* no. 3:60-76 '66.

ELECTRONIC DATA PROCESSING—SHIP PROPULSION

Using electronic computers in the dynamic analysis of the "diesel engines—controllable pitch propellers—ship hull" system. V.I. Nebesnov, V.A. Grekhov. *Izv. vys. ucheb. zav.; mashinost.* no. 11:81-90 '64.

ELECTRONIC DATA PROCESSING—SOCIAL SCIENCES

Let us build a scientific and technological foundation for the development of social sciences. G.Dobrov. *Komm. Ukr.* 40 no. 5:51-59 May '66.

ELECTRONIC DATA PROCESSING—SPECIFICATIONS

Algorithm for solving the problem of setting up specifications with the aid of an electronic computer. L.A. Lutsernik, I.E. Maizlin. *Usp. mat. nauk* 21 no. 2:225-226 Apr-Apr '66.

ELECTRONIC DATA PROCESSING—STRUCTURAL DESIGN

Standard program for initial processing of the results of multipoint strain measurement of a structure with an electronic computer. R.O. Bakirov. *Avt.prom.* 32 no. 5:16-19 May '66.

ELECTRONIC DATA PROCESSING—STRUCTURES, THEORY OF

Programming the computation of the coefficients of canonical equations of the method of forces or the permutation method for flat frames. G.V. Vorontsov, I.U. A. Molchan. *Izv. vys. ucheb. zav.; stroi. i arkh.* 9 no. 2:32-37 '66.

ELECTRONIC DATA PROCESSING—SURVEYING

Kupchikov, L.I., and others. [Balancing of leveling, theodolitic, traverse, and trigonometric networks using the "Ural" digital computer] *Uravnoveshivanie nivoirnykh, teodolitnykh, poligonometricheskikh i trigonometricheskikh setei na ETsVM "Ural."* Pod obshchei red. L.I. Kupchikova. Moskva, Nedra, 1965. 186 p.

ELECTRONIC DATA PROCESSING—TIRE INDUSTRY

Use of electronic computers in the calculation of balanced shapes of rubber-cord rotation casings. V.L. Biderman, B.L. Bukhin, I.K. Nikolaev. *Kauch. i rez.* 25 no. 5:33-35 '66.

ELECTRONIC DATA PROCESSING—TRACTOR INDUSTRY

see subdivision under *Minsk*

ELECTRONIC DATA PROCESSING—TRANSPORTATION

Mathematical description of the process of operation of automatic control systems. V.S. Antonenko, R.A. Maiskii. *Trudy MIIT* no. 211:134-140 '65.

ELECTRONIC DATA PROCESSING—VIBRATION

Computation of natural frequencies and critical forces with the aid of electronic digital computers. A.V. Aleksandrov, B.A. Lashchenkov. *Trudy MIIT* no. 194: 83-87 '66.

ELECTRONIC DATA PROCESSING—ZONE MELTING

Programming and automatic regulation of the process of electric slag melting. O.P. Bondarenko. *Avtom. svar.* 19 no. 4:67-72 Apr '66.

ELECTRONIC DIGITAL COMPUTERS

Distribution of large blocks of information in electronic digital computers. G.G. Grigor'ev. *Vych. tekhn. i vop. prog.* no. 4:134-138 '65.

Improving the quality of digital smoothing filters having a finite duration of transient processes. A.I. Bobikov, I.U. M. Korshunov. *Izv. vys. ucheb. zav.; prib.* 9 no. 2: 33-37 '66.

Methods for representing the results of logging in digital form. N.M. Sokhranov, G.S. Neimark. *Prikl. geofiz.* no. 43:122-130 '65.

Use of a universal teaching program in the "Ural-1" digital computer. I.L. Bratekhov, M.A. Krasnoperova, N.V. Perlina. *Vych. tekhn. i vop. prog.* no. 4:110-114 '65.

ELECTRONIC DIGITAL COMPUTERS—BIBLIOGRAPHY

see *Bibliography—Electronic digital computers*

ELECTRONIC DIGITAL COMPUTERS—CIRCUITS

Construction of shortest-point connections. V.A. Titorenkov. *Vych. sist.* no. 10:92-118 '65.

Some algorithms of digital computer design. I.A. I. Fet. *Vych. sist.* no. 18:72-92 '65.

Use of an address language in the automation of the synthesis of digital computers. I.V. Novitskii, V.S. Lozovskii, I.A. I. Fet. *Vych. sist.* no. 18:34-71 '65.

ELECTRONIC DIGITAL COMPUTERS—MEMORY SYSTEMS

Determining the response time of the internal and buffer memory of a dispatcher's digital computer. A.N. Kiselev. *Trudy TSNIMF* no. 77:89-93 '65.

Economy of the operational memory of a digital computer. N.V. Bukhgal'ta and others. *Vych. sist.* no. 10:110-137 '65.

ELECTRONIC DIGITAL COMPUTERS—INPUT-OUTPUT EQUIPMENT

Model of a high-speed recording device with pulse tubes. V.M. Krupichnikov, A.F. Gorshkov, M.N. Skunov. *Izv. vys. ucheb. zav.; prib.* 9 no. 2:74-78 '66.

ELECTRONIC DIGITAL COMPUTERS—PROGRAMMING

Kupchikov, L.I., and others. [Balancing of leveling, theodolitic, traverse, and trigonometric networks using the "Ural" digital computer] *Uravnoveshivanie nivoirnykh, teodolitnykh, poligonometricheskikh i trigonometricheskikh setei na ETsVM "Ural."* Pod obshchei red. L.I. Kupchikova. Moskva, Nedra, 1965. 186 p.

Pospelov, D.A. [Solution of mathematical problems by means of digital computers] *Reshenie matematicheskikh zadach na vychislitel'nykh mashinakh diskretnogo deistviya.* Moskva, Mosk. energ. in-t. Pt. 2. [Spetsial'nye programirovaniya] *Spetsial'nye voprosy gramimirovaniya.* 1966. 116 p.

ELECTRONIC DIGITAL COMPUTERS—RELIABILITY

Some problems concerning the reliability of a dispatcher's digital computer. A.N. Kiselev, V.K. Kulagin. *Trudy TSNIMF* no. 77:94-98 '65.

ELECTRONIC INDUSTRIES—QUALITY CONTROL

Dmitriyev, L.N., V.A. Solovyanov, and L.E. Syrovatskaya. [Set of equipment for thermal conditioning of radio-electronic equipment] *Kompleks oborudovaniya dlia termicheskoi trenirovki radioelektronnoi apparatury.* Leningrad, 1965. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Metody i sredstva kontrolya kachestva i nadezhnosti mashin i priborov)

ELECTRONIC INSTRUMENTS

Electronic measuring instrument of extreme parameters. P.M. Chegolgin, G.I. Shpakovskii. *Prom. Bel.* 9 no. 1: 53-54 Jan '66.

High-speed shift register. A.S. Mkrtchian. *Izv. vys. ucheb. zav.; prib.* 9 no. 2:92-94 '66.

ELECTRONIC MEASUREMENTS

Electronic grain moisture meter. V. Kraus, P. Cherapanov. *Tekhn. i sel'khoz.* 26 no. 4:67-68 Apr '66.

Epshtein, A.G. [Ultrahigh-frequency measuring apparatus] *Izmeritel'naya apparatura verkhnykh chastot.* Leningrad, Sudostroenie, 1965. 260 p.

Methods and reading accuracy in the determination of phase difference using the Lissajous figure. V.S. Panchenko. *Izv. vys. ucheb. zav.; radiotekh.* 9 no. 2: 138-206 Apr-Apr '66.

ELECTRONIC MUSICAL INSTRUMENTS

see *Musical instruments, Electronic*

ELECTRONIC NOISE

Smullin, Louis D., and Hermann A. Haus, eds. [Noise in electronic devices. Translated from the English] *Shumy v elektronnykh priborakh.* Moskva, Energiya, 1964. 483 p. (CSTmor)

ELECTRONICS IN NAVIGATION

Use of means of communication and electronavigation on the "Baltiyskiy" and "Volgo-Balt"-type ships. B. Eremin. *Rech. transp.* 25 no. 4:50-51 '66.

ELECTRONS

Angular distribution of cathode-ray current in a magnetron. G.G. Sominskii. *Zhur. tekhn. fiz.* 35 no. 10:1782-1785 Oct '65.

Catalytic properties of cobalt-nickel catalysts as dependent on their electronic structure. R.F. Lavrentovich, M.T. Rusov, I.U. N. Artiukh. *Kin. i kat.* 7 no. 2:254-257 Mar-Apr '66.

Determining the electron concentration from emission lines of the Balmer series. L.N. Kurachik. *Astrofizika* 1 no. 4:368-372 Dec '65.

Effect of electrons on the slowing down of dislocations in metals. V.I. Kravchenko. *Fiz. tver. tela* 8 no. 3: 927-935 Mar '66.

Effect of interelectron collisions on the distribution function of electrons in a strong electric field. I.B. Levinson, G.E. Mazhukhin. *Zhur. eksp. teor. fiz.* 50 no. 4: 1048-1054 Apr '66.

New resonance related to the mutual entrainment of electrons and phonons. F.G. Bass. *Fiz. v red. Zhur. eksp. i teor. fiz.* 3 no. 9:357-361 May '66.

Possibility of partial desorption in the transition of chemisorbed oxygen to a higher charge state. I.U. P. Solontsyun. *Kin. i kat.* 7 no. 2:327-329 Mar-Apr '66.

Production of electron bunches of minimum extension, allowance made for the effect of a space charge in a klystron-type buncher. V.A. Galkov, B.A. Svedkov. *Zhur. tekhn. fiz.* 35 no. 10:1767-1770 Oct '65.

Radial dependence of the electron velocity distribution function in a positive discharge column. I.U. M. Kagan, V.M. Milenin. *Zhur. tekhn. fiz.* 35 no. 10:1907-1909 Oct '65.

Self-consistent hydrodynamic problem concerning the motion of relativistic electrons in a homogeneous magnetic field. S.O. Rubn. *Zhur. tekhn. fiz.* 35 no. 10:1746-1748 Oct '65.

ELECTRONS—CAPTURE

Capture of current carriers in plastically deformed silicon. K.D. Glushchik, N.M. Litovchenko, V.A. Novikova. *Fiz. tver. tela* 8 no. 3:968-971 Apr '66.

Effect of a second activator on trapping centers in zinc sulfide crystal phosphors. A.S. Babayev. *Dokl. AN Tadzh. SSR* 9 no. 4:10-13 '66.

Effect of the injection pulse duration on electron capture in a heteron. N.I. Teliueva. *Zhur. tekhn. fiz.* 36 no. 5: 937-941 May '66.

Thermoluminescence and trapping levels in CaF_2 . Dr. L.M. Rabkin, D.S. Komeyakina. *Fiz. tver. tela* 8 no. 3: 987-989 Mar '66.

ELECTRONS—EMISSION

Adsorption and electron emission of films of alkaline earth metals on tungsten, iridium, and rhodium. V.I. Makukha, B.M. Tsarev. *Fiz. tver. tela* 8 no. 5:1417-1427 May '66.

Connection between the work function and the surface tension of metals. V.V. Demchenko. *Fiz. met. i metalloved.* 21 no. 4:634-636 Apr '66.

Effect of the crystalline structure of the target on ion-electron emission. I.U. V. Martynenko. *Fiz. tver. tela* 8 no. 3:637-642 Mar '66.

Exoelectronic emission from polished germanium and silicon surfaces. V.I. Krut'ko, R.I. Mints, V.S. Kortov. *Fiz. tver. tela* 8 no. 5:1627-1629 May '66.

Instability of nonlinear steady-state potential oscillations in electron-ion fluxes. V.M. Smirnov. *Zhur. eksp. teor. fiz.* 50 no. 4:1005-1012 Apr '66.

Studying the recombination emission of cadmium sulfide induced by electrons. N.N. Gerasimenko and others. *Fiz. tver. tela* 8 no. 5:1461-1466 May '66.

X-ray L-spectra and the structure of the 3d-band in nickel. S.A. Nemmonov, V.F. Volkov, V.S. Sushin. *Fiz. met. i metalloved.* 21 no. 4:529-535 Apr '66.

ELECTRONS—SCATTERING

Effect of the nonlocality of scattering on the shape of oscillations in interband magneto-optical effects. L.I. Korovin. *Fiz. tver. tela* 8 no. 5:1652-1654 May '66.

Electron distribution function and mobility in polar semiconductors under a nonparabolic dispersion law. I.M. Dykman, P.M. Tomchuk. *Fiz. tver. tela* 8 no. 5:1343-1350 May '66.

Electron scattering by a short-range force center in a constant and homogeneous magnetic field. I.M. Ternov, V.G. Bagrov, R.A. Hanev. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:111-118 '66.

Electron scattering in thin copper and gold films. I.R. Kanicheva, A.A. Pavlova. *Fiz. tver. tela* 8 no. 5:1641-1643 May '66.

Mechanism underlying current carrier scattering in germanium telluride. L.M. Sysoeva, F.A. Lev, N.V. Kolomoets. *Fiz. tver. tela* 8 no. 4:1212-1216 Apr '66.

Theory of multiple scattering. I.V. Andreev. *Zhur. eksp. teor. fiz.* 50 no. 4:1061-1063 Apr '66.

ELECTRONS—SPECTRA

Structure of the energy spectrum of electrons of nickel and certain solid solutions. I.V. Kavich. *Fiz. met. i metalloved.* 21 no. 4:632-634 Apr '66.

ELECTROPHORESIS

Isotherms of sorption on anion exchangers and the electrophoretic mobility of borate complexes of some carbohydrates. K.K. Ivanov, I.V. Shibaeva. *Biokhimiya* 31 no. 2:342-347 Mar-Apr '66.

Quantitative determination of lactic dehydrogenase isoenzymes in starch gel electrophoresis. I.U. A. Urkov, V.V. Alayritsev. *Vop. med. khim.* 12 no. 3:202-204 May-June '66.

ELECTROPHORESIS—EQUIPMENT AND SUPPLIES

Technique for electrophoresis using the nasal and orbital-occipital methods. F. F. Oglenko. Vop. kur., fizioter., i lech. fiz. kul't., 29 no. 5:462 S-O '64.

ELECTROPHYSIOLOGY

Afferent control during the effect of pyramidal impulses on spinal motoneurons. S. M. Sverdlov, E. V. Maksimova. Fiziol. zhur., 52 no. 5:441-446 My '66.

Akademiia nauk Moldavskoi SSR. Laboratoriia biofiziki. [Problems of electrophysiology of the nervous system] Voprosy elektrofiziologii nervnoi sistemy. Kishinev, Karta moldoveniaste, 1965, 121 p.

Analysis of secondary bioelectric reactions from the associative zones of the cerebral cortex. O. G. Baklavdzhan. Fiziol. zhur., 51 no. 2:149-158 F '65.

Change in the channel capacity of the spinal efferent pathway in tetanus intoxication. G. N. Kryzhanovskii, M. V. D'jakonova. Biol. eksp. biol. i med., 58 no. 9:127-137 S '64.

Changes in the Nissl's substance of the motoneurons of the anterior crescents of the spinal cord as a result of electric stimulation of the anterior radicles. I. S. Bazanova, A. S. Iontov, O. S. Merkulova. Dokl. AN SSSR 168 no. 1:237-239 My '66.

Characteristics of the electric activity of the sympathetic chain in vasoconstrictor and vasodilator nervous influences. I. M. Rodionov. Fiziol. zhur., 51 no. 2:214-221 F '65.

Characteristics of the generation of action potentials in giant neurons of mollusks. V. D. Gerasimov, P. G. Kostuk, V. A. Maitskii. Fiziol. zhur., 50 no. 11:1321-1328 N '64.

Comparison of changes in the electrical activity of a single Ranvier's node following increase in the potassium ion concentration in the medium and the effect of novocaine. V. J. Bellaev. Biol. eksp. biol. i med., 58 no. 12:13-17 D '64.

Constant potential and sorptive properties of the muscle during a myotatic reflex and following denervation. A. D. Pshedetskala. Biol. eksp. biol. i med., 58 no. 9:23-26 S '64.

Diversification of neuronal activity of the vasomotor center by means of microelectrodes. N. N. Prochazhenskii. Fiziol. zhur., 51 no. 2:164-172 F '65.

Effect of light on the electric activity of muscles in ontogeny. I. A. Ler. Fiziol. zhur., 51 no. 2:269-274 F '65.

Effect of polarization of the spinal cord on visceromotor reflexes. A. A. Tradadiuk. Biol. eksp. biol. i med., 58 no. 9:7-12 S '64.

Effect of potassium, rubidium and cesium ions on the resting potential of muscle fibers of the crab *Carcinus maenas*. I. S. Magura. TSitologiya 6 no. 4:481-483 Ji-Ag '64.

Effect of some anions on the physical electrotonus of a denuded nerve in frogs. D. S. Vorontsov. Fiziol. zhur., 52 no. 5:491-497 My '66.

Effect of the cerebral cortex on the subcortical inhibition of the knee reflex. V. G. Zilov. Fiziol. zhur., 51 no. 2:190-196 F '65.

Electrophysiological characteristics of the sympathetic ganglia under conditions of varying content of thyroid hormones in the blood. V. N. Babichev. Fiziol. zhur., 50 no. 10:1264-1269 O '64.

Electrophysiological study of giant neurons in some representatives of Pulmonata. V. A. Maitskii, V. D. Gerasimov. Biol. eksp. biol. i med., 58 no. 12:22-26 D '64.

Excitability of giant nerve cells of various representatives of pulmonate mollusks (*Helix pomatia*, *Lymnaea stagnalis*, *Planorbis cornuus*) in solutions free of sodium ions. V. D. Gerasimov, P. G. Kostuk, V. A. Maitskii. Biol. eksp. biol. i med., 58 no. 9:3-7 S '64.

Experimental data of electrophysiological, biochemical, and morphological examination of fibrillation of the cardiac ventricles. V. A. Frolov and others. Arkh. pat., 28 no. 3:51-56 '66.

Experimental electrographic methodology for the study of the motor function of the gallbladder. M. A. Sobakij, D. P. Todorov. Biol. eksp. biol. i med., 58 no. 9:123-125 S '64.

Formation and transformation of the electric activity of the cerebral cortex in dogs in various age periods. I. A. Arshavskii, I. I. Gokhblit. Fiziol. zhur., 51 no. 2:181-189 F '65.

Impulse activity of pressor structures of the hypothalamus in reflex reactions of the vascular system. O. V. Verzhilova, L. N. Kondrat'eva. Biol. eksp. biol. i med., 58 no. 8:17-20 S '64.

Neurogenic and myogenic electrical activity of the somatic muscle of the lymphheart. N. A. Itina, N. F. Skorobovchuk. Fiziol. zhur., 50 no. 9:1113-1121 S '64.

Possibilities of using a neurally isolated cortex for studying the mechanisms of action of pharmacological substances in chronic experiments. M. M. Khananashvili. Biol. eksp. biol. i med., 58 no. 12:86-88 D '64.

Present status of the phase theory of bioelectric phenomena. Report No. 2: Resting potential and potential difference, measured by introducing into the cell salt-bridge microelectrodes and reversible microelectrodes. A. A. Verezhnikov, I. U. N. Krol'. TSitologiya 6 no. 4:464-477 Ji-Ag '64.

Problems of the methodology of electrophysiological studies and new books on the technique and methodology of electroencephalography. N. V. Golikov, D. N. Menitskii. Fiziol. zhur., 50 no. 9:1108-1106 S '64.

Study of the resting potential of individual cells of the alga *Nitzschia flexilis*. Report No. 1: Changes in the resting potential during cell stimulation by light and darkness. G. A. Volkov. TSitologiya 6 no. 4:427-431 Ji-Ag '64.

Vorontsov, D. S., and M. F. Shuba. [Physical electrophysiology of the nerves and muscles] Fizicheskiy elektrofiziol. nervov i myshits. Kiev, Naukova dumka, 1966, 212 p.

ELECTROPHYSIOLOGY—EQUIPMENT AND SUPPLIES

New principle for constructing a preliminary amplifier for microelectrode leads. B. I. A. Piatigorskii. Biol. eksp. biol. i med., 58 no. 9:120-123 S '64.

Simple apparatus for amplitude analysis of nerve impulses and for their qualitative evaluation. A. D. Nozdruchoy, V. L. Felcher. Fiziol. zhur., 50 no. 11:1400-1402 N '64.

ELECTROPHYSIOLOGY OF PLANTS

Dependence of the bioelectric reaction of plant leaves on the quality of light and the presence of chlorophyll in tissues. O. O. Lialin. Sbor. trud. po agron. fiz., no. 12: 66-69 '65.

Transmission of bioelectric impulses from the leaf to the root system in morning glory *Ipomoea batata* Lam. Rikardo Berrafraes, A. M. Sinukhin. Dokl. AN SSSR 168 no. 1:219-222 My '66.

ELECTROPLATING

Determination of the residual stresses in electrolytic coatings based on the flexure of a flat cathode. L. I. Bekhtiar', G. I. Zaidman, I. U. N. Petrov. Zav. lab., 32 no. 1:94-97 '66.

Effect of electrolyte temperature on the texture of copper deposited under various current densities. A. V. Leonov. Izv. vys. ucheb. zav.; Khim. i khim. tekhn., 9 no. 1: 98-100 '65.

Effect of electroplating on the cracking of hardened steel during testing in the air and in a hydrogen-absorption corrosive medium. I. I. Vasilenko, G. V. Karpenko, N. N. Trachenko. Fiz.-khim. mekh. mat., 1 no. 6:697-700 '65.

Effect of the vibration of the electrode on the electrolytic deposition rate of metals. S. I. A. Popov, K. A. Rybanets. Zhur. prikl. khim., 38 no. 8:1766-1770 Ag '65.

Polarographic determination of the degree of absorption of surface-active agents on zinc and copper. S. I. A. Popov, E. M. Golubev. Izv. vys. ucheb. zav.; Khim. i khim. tekhn., 9 no. 1:84-97 '66.

Soft antifriction electroplating of bearing bushings. N. A. Solov'ev and others. Avt. prom., 32 no. 4:35-38 Ap '66.

ELECTROSTATICS

Electric conductivity of the floors of industrial buildings. V. N. Shukhov, V. P. Sitnikov, O. I. Starostina. Prom. stroi., 43 no. 5:30-39 '66.

Transformation of the transverse waves of an electron flow using an electrostatic lens. I. U. A. Il'vov. Izv. vys. ucheb. zav.; radiotekh., 9 no. 2:169-170 Mr-Ap '66.

ELECTROTHERAPEUTICS

Coupling an attack of auricular flutter by a single electric impulse. A. I. Syrkij, I. V. Maevskaya. Sov. med., 26 no. 9:100-103 S '64.

ELEMENTARY EDUCATION see Education, Elementary

ELEPHANTS, FOSSIL

(see also subdivision under Arminia)

Systematic position of the elephant in the Khazarian fauna complex. I. A. Dubrov. Biol. Kom. chetv. per., no. 32:63-74 '66.

ELEUTHEROCOCCUS

Reproduction of *Eleutherococcus senticosus* by green cuttings. P. P. Vorob'eva. Biol. Glav. bot. sada no. 50:100-105 '65.

ELEUTHEROCOCCUS—PHYSIOLOGICAL EFFECT

Effect of the extract of *Eleutherococcus* on the development of experimental hypophyseal adenomas in rats. L. S. Leshchev. Vop. onk., 12 no. 5:60-67 '66.

ELLIPTIC DIFFERENTIAL EQUATIONS see Differential equations, Elliptic

ELM—DISEASES AND PESTS see subdivision under Ulan-Ude

EL'TSOV, SERGEI GRIGOR'EVICH

Sergei Grigor'evich El'tsov as a teacher and researcher. M. V. Plakhotin, B. Z. Itkin. Trudy Mosk. voi. akad., 10:317-319 '66.

EMASCULATION see Castration

EMBANKMENTS

Elastic mattress from concrete and stone blocks and combinations with it used for reinforcement of river and canal beds and slopes of hydraulic structures. A. T. Kabanichenko. Energ. stroi., no. 2:11-13 '65.

EMBRYOLOGY

Morphological changes in organs of chick embryos under the effect of various types of influenza viruses. V. Kh. Vinogradova. Arkh. pat., 28 no. 4:73-76 '66.

EMBRYOLOGY—BIRDS

Effect of heterocyclic amino acids on the development of chicken embryos and the formation of their sex. L. M. Zhuravina. Khim. v sel'khoz., 4 no. 5:62-64 My '66.

EMBRYOLOGY—ECHINODERMATA

Effect of histones on the development of sea urchin embryos. V. I. Vorob'ev, A. A. Nefedov. TSitologiya 6 no. 4:396-400 Ji-Ag '64.

EMBRYOLOGY—FISHES

Effect of X-ray irradiation on the synthesis of messenger RNA in the early embryogenesis of loach. K. A. Kofiant and others. Biokhimiya 31 no. 2:365-371 Mr-Ap '66.

EMERGENCY MEDICAL SERVICES

Moscow. Nauchno-issledovatel'skii institut skoroi pomoshchi im. Sklifosovskogo. [Manual on diagnosis and medical first aid in some emergency states; for doctors of mobile emergency aid units] Pamiatka po diagnostike i okazaniu pervoi meditsinskoi pomoshchi pri nekotorykh neotlozhnykh sostoyaniyakh; dlia vyezdykh vrachei skoroi i neotlozhnoi pomoshchi. Moskva, [Znanie] 1966, 111 p. (DNLIM)

EMOTIONS

Luk'ianov, V. S. [Emotions and health] Emotsii i zdorov'e. Moskva, Znanie, 1966, 46 p. (Novoe v zhizni, nauka, tekhnika. VIII Seriya: Biologiya i meditsina, no. 10)

Simonov, P. V. [What is emotion? Chto takoe emotsiya?] Moskva, Nauka, 1966, 95 p. (Nauchno-popul'narnaya seriya)

EMPHYSEMA, PULMONARY

Shalnov, M. I. [Short outline of the pathogenesis, clinical aspects, treatment and prevention of lung suppuration] Kratkiy ocherk patogeneza, kliniki, lecheniya i profilaktiki legочnykh raznyonit. Perm', Permskoe knizhnoe izd-vo, 1964, 234 p. (DNLIM)

EMPLOYEE VACATIONS see Vacations, Employee

EMPLOYEES, DISMISSAL OF

Dismissal from work. Sov. profsoyuzy 22 no. 6:44-46 My '66.

EMPLOYEES' BUILDINGS AND FACILITIES

Office and employees' buildings of industrial enterprises constructed from three-dimensional elements. N. Pleshkov and others. Prom. stroi. i tsvet. arh. 5 no. 6:9-13 N-D '63.

EMPYEMA

Surgical treatment of extrapleural empyema. A. A. Pril'man. Probl. tub., 42 no. 6:56-60 '64.

EMULSIONS

Bituminous emulsions from still residues. V. D. Slavitskii. Stroi. mat., 12 no. 4:20 Ap '66.

Effect of the components of vat dye pastes on the stability of water-oil type emulsions. V. V. Kovalev, A. V. Samarkov, F. I. Sidorov. Izv. vys. ucheb. zav.; tekhn. tekhn. prom., no. 2:120-125 '65.

High-concentration emulsions of organosoluble liquids stabilized by "op-10" preparations. V. N. Tabachnikov, I. A. Kremnev. Plast. massy no. 5:46-49 '66.

Study of the proportion of emulsion bases. M. Kh. Glazman, G. S. Bashara. Apt. delo 15 no. 2:24-26 Mr-Ap '66.

Use of polyvinylacetate emulsion in construction. A. Domashovskii, V. Pleshkov. Stroi. i arkh. 14 no. 4:20 Ap '66.

Using acoustical oscillations in obtaining finely divided emulsion. Za tekhn. prog., 4 no. 12:45-47 D '64.

Using the PMS-1000A polymethylsiloxane emulsion for preventing the frothing of drilling muds. V. A. Sevidov, A. P. Sol'vashchuk. Neft. khoz., 44 no. 4:66-71 Ap '66.

ENCEPHALITIS

Sporadic encephalitis caused by Coxsackie viruses. B. A. Erman and others. Arkh. pat., 28 no. 4:68-65 '66.

ENCEPHALOMYELITIS

Experimental allergic encephalomyelitis in dogs. E. F. Stokhova. Pat. fiziol. i eksp. terap., 10 no. 2:66-73 Mr-Ap '66.

Study of allergic alterations in lymphoid cells in experimental encephalomyelitis. T. M. Tsaregorodtseva. Vest. AMN SSSR 21 no. 5:11-15 '66.

ENCYCLOPEDIAS AND DICTIONARIES, LITHUANIAN

[Lithuanian encyclopedia] Lietuviu enciklopedija [Boston] Lietuviu enciklopedijos leidykla. [In Lithuanian]

Vol. 34. [Congress of Vienna—X rays] Vienos kongresas - X spinduliu. [c 1966] 640 p.

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN

Meeting devoted to completing the publication of the Soviet Ukrainian Encyclopedia. Rad. ih. 10 no. 5:94-95 My '66.

ENDOCRINE GLANDS

Morphological characteristics of endocrine glands in newborn infants. I. N. Potapova. Arkh. pat. 28 no. 4:13-18 '65.

ENDOCRINE GLANDS—DISEASES

Distribution of endocrine diseases in the population of Serpukhov, Leningorsk, and Tambov based on data of medical examinations in a comparative aspect. V. P. Ionisants. Probl. endok. i gorm. 12 no. 3:42-45 My-Je '66.

Growth and development of the skeleton in gonadal dysgenesis. V. A. Tikhonov, L. L. Liberman. Probl. endok. i gorm. 12 no. 3:39-42 My-Je '66.

ENDOCRINOLOGY

Chemistry and endocrinology. Probl. endok. i gorm. 10 no. 2:3-5 Mr-Apr '64.

Physiology of the thymus gland and its connection with other endocrine glands. S. G. Cherdyn'tsev. Uch. zap. TGM 21:125-129 '64.

Zhmakin, K. N., ed. [Principles of endocrinological gynecology] Osnovy endokrinologicheskoi ginekologii. [By] K. N. Zhmakin i dr. Moskva, Meditsina, 1966. 375 p. (DNLM)

ENDOCRINOLOGY—CONGRESSES

Materials of an endocrinological nature at the 4th Conference of Embryologists. A. A. Voitkevich. Probl. endok. i gorm. 10 no. 2:126-127 Mr-Apr '64.

ENDOMETRIUM—INFLAMMATION

Therapeutic effect of polymyxin M in experimental endometritis and in some gynecological diseases. T. I. Ivanova and others. Antibiotiki 11 no. 4:379-381 Ap '66.

ENDOSCOPY

X-ray endoscopic study of the mucosa of the large intestine in amebiasis. A. G. Iosif'yan, E. G. Mezhlumian. Zhur. oksp. i klin. med. 6 no. 1:57-64 '66.

ENDOSPERM

Development of new pea forms by injections. S. I. Vengrenovskii, S. I. Dzhalil. Vest. sel'khoz. nauki 11 no. 2:98-98 F '66.

Utilization of the nitrogen of endosperm and nutrient solution by corn sprouts. N. S. Danilova. Fiziol. rast. 13 no. 1:91-98 Ja-F '66.

ENDOTHELIOMA

Diagnosis of arachnoid endothelioma in premature ossification of cranial sutures. V. M. Mikhail. Vest. rent. i rad. no. 2:72 '64.

ENERGY METABOLISM

Energy expenditure in children during various periods of epidemic hepatitis. G. S. Kisteneva. Vop. pit. 23 no. 4:24-30 Ji-Ag '64.

Energy expenditure in miners performing mechanized operations. O. A. Shovkoplias. Vop. pit. 23 no. 4:20-23 Ji-Ag '64.

ENGELS, FRIEDRICH, 1820-1895

A great depositary of revolutionary thought. A. I. Maliyev. Vop. ist. KPSS 10 no. 3:18-28 Mr '66.

Vinogradov, S., comp. [Their simplicity and humanity] Ikh prostota i chelovechnost'. Izd. 2., dop. Moskva, Politizdat, 1966. 470 p.

ENGINEERING

Maklach-Kala. Dagestanskii gosudarstvennyi universitet. [Collection of scientific papers on engineering and construction] Sbornik nauchnykh soobshchenii po tekhnike i stroitel'stvu. Maklachkala, Dagestanskoe knizhnoe izd-vo, 1965. 106 p.

ENGINEERING—TECHNOLOGICAL INNOVATIONS

Creative searches of innovators. B. Dzusev. Neftnik 10 no. 4:26-27 Ap '65.

ENGINEERING GEOLOGY

(see also subdivision under Karolia; Knyazhaya Guba Hydroelectric Power Station; Ukraine; Yakutia)

Characteristics of granites in the basement of the Krasnoyarsk Hydroelectric Power Station from the viewpoint of engineering geology. A. I. Sizov. Trudy Lenglidropromta 2:29-41 '65.

Evaluation of rock weathering from the viewpoint of engineering geology. D. P. Prochukhan. Trudy Lenglidropromta 2:42-58 '65.

General principles of the study and classification of rocks in engineering geology. V. D. Lomtadze. Trudy Lenglidropromta 2:23-29 '65.

Larionov, A. K. [Study of loose sedimentary rocks for purposes of engineering geology; soil structure] Inzhenerno-geologicheskoe izucheniye struktury rykhlykh osadochnykh porod; struktura grunta. Moskva, Nedra, 1966. 327 p.

Practice in slope drilling of holes with compressed air in prospecting for the purpose of engineering geology. E. F. Levin. Trudy Lenglidropromta 2:168-173 '65.

Scientific problems of engineering geology and production. I. V. Popov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:3-7 Mr-Apr '66.

Significance of active faults for hydrotechnical construction. D. P. Prochukhan. Trudy Lenglidropromta 2:5-22 '65.

Use of the method of undistorted flow line in planning the drainage of quarries. V. A. Mironenko, U. A. Norvatov. Izv. vys. ucheb. zav. geol. i razv. 9 no. 3:112-118 Mr '66.

ENGINEERING STANDARDS see Standards, Engineering

ENGINEERS

Awards for the participants of the Exhibition on the Achievements of the National Economy in 1965. V. N. Borovitskii. Elek. sta. 37 no. 3:93-94 Mr '66.

Engineers belong to a creative profession. G. Smirnov. V mire knig 6 no. 4:22-23 Ap '66.

ENGLAND see Great Britain

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

Murashevich, A. M., and others, comps. [English-Russian guided missiles and space flight dictionary. More than 50,000 terms] Anglo-russkii raketo-kosmicheskii slovar'. Bolee 50 tyslakh termnov. Moskva, Voenizdat, 1966. 920 p.

ENTEROTOXEMIA OF SHEEP see Pulpy kidney disease of lambs

ENTIRE FUNCTIONS see Functions, Entire

ENTOBACTERIN

Entobacterin against forest pests. V. Plokhikh. Zashch. rast. 11 no. 1:40-41 '66.

ENTOMOLOGY—LABORATORY MANUALS

Bol'-Dienko, G. I. A., and O. A. Skorikova. [Laboratory exercises in entomology] Laboratornye zaniatia po entomologii. 2., perer. izd. Leningrad, Kolos, 1966. 303 p. (Uchebniki i uchebnye posobia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DNAL)

ENZYME INHIBITORS

Acid-resistant inhibitor of trypsin, plasmin, and kallikrein from rabbit blood serum. T. S. Pankhina, V. F. Nartikova. Vop. med. khim. 12 no. 3:325-327 My-Je '66.

Proteinase inhibitor content in the seeds of some legumes. E. P. Abramova, M. P. Chernikov. Vop. pit. 23 no. 4:13-16 Ji-Ag '64.

ENZYMES

(see also subdivision under Ukraine)

Changes in the activity of oxidizing enzymes in hybrid cotton plants. R. Kh. Uzenbaev. Vest. AN Kazakh, SSR 22 no. 4:91-93 Ap '66.

Clinical significance of the determination of aldolase and transaminase activity in acute cholecystitis and acute appendicitis. E. A. Knyazova. Khim. khir. no. 7:24-26 '65.

Effect of Nad-H₂ and potassium ascorbate on the biosynthesis of corticosteroids by homogenates of pig adrenal cortex. I. U. A. Pankov. Vop. med. khim. 12 no. 3:220-224 My-Je '66.

Effect of propyl gallic acid on enzymes belonging to the SH- and the S-S groups. A. I. Agotova, N. M. Emanuel'. Biokhimiia 31 no. 2:299-305 Mr-Apr '66.

Effect of the adrenal glands on enzyme activity of the blood and tissues during resuscitation. M. G. Kalpakov, K. T. Titova. Blul. oksp. biol. i med. 59 no. 9:62-66 S '64.

Isolation, purification, and catalytic properties of a bacterial enzyme, splitting carboxylic benzyl ester. M. M. Levitov, E. V. Gorlachenkova, S. V. Pechin. Biokhimiia 31 no. 2:270-276 Mr-Apr '66.

Synthesis and properties of insoluble compounds of some enzymes with cellulose. B. P. Surinov, S. E. Mamonov. Biokhimiia 31 no. 2:307-307 Mr-Apr '66.

Transformation of cardiac glycosides using micro-organisms and enzymatic preparations from them. P. I. Hvuzdiak, D. I. Kolesnikov, Farnal'sev, zhur. 19 no. 2:37-40 '64.

EPIC POETRY, PERSIAN

Sahib. [Daftar-i dilkusha ("Heart-pleasing book"). Facsimile of the text: Introduction, annotated table of contents, indexes and a brief textological commentary by R. Khadi-zade] Daftar-i dilkusha ("Sochineniye, radulushchee serdtsu") Faksimile teksta; Predislavie; amolirovannoe oglyavlenie; ukazatel' i kratkii tekstologicheskii kommentarii R. Khadi-zade. Moskva, Nauka, 1965. 31, 132 [i. e. 81] p. (Pamiatniki planimemozi Vostoka, no. 5) [In Persian and Russian]

EPICHLOROHYDRIN

Interaction of trichloroethylene with allyl glycidyl ether and epichlorohydrin. N. F. Orlov, O. F. Viktorov. Zhur. kh. khim. 36 no. 5:909-912 My '67.

EPIDEMIOLOGICAL RESEARCH

Distribution and the biological properties of diptheria pathogen depending on different immunological structures of the population. N. A. Kravchenko and others. Zhur. mikrobiol., epid. i immun. 43 no. 4:43-48 Ap '66.

EPIDEMIOLOGY

Epidemiology of repeated cases of dysentery. N. S. Chukueva, L. G. Osipova. Sov. med. 26 no. 9:114-115 S '64.

Role of man in the epidemiology of Salmonella infections. A. D. Zherkulov, N. A. Bolotova, R. M. Lavzhik, Zhur. mikrobiol., epid. i immun. 41 no. 7:75-79 Ji '64.

Typhoid and paratyphoid infections abroad. Report No. 1: Typhoid and paratyphoid morbidity during the years 1921-1958. I. U. P. Solodovnikov. Zhur. mikrobiol., epid. i immun. 41 no. 7:54-59 Ji '64.

EPIDERMIS

Effect of medication sleep on the mitotic activity of normal and denervated epidermis in white rats. A. N. Kulagin. Blul. oksp. biol. i med. 58 no. 12:84-85 D '64.

EPIDIDYMS

Glucohydases of the epididymal adipose tissue in rats. K. G. Gramova, E. B. Mal'cev, I. H. Solodernova. Biokhimiia 31 no. 2:291-298 Mr-Apr '66.

EPIDOTE

X-ray study of epidote—orthite group minerals. N. M. Kuznetsova, V. A. Khvostova. Biokhimiia 31 no. 2:300-301 Ji '64.

EPIGLOTTIS

Epithelium of the epiglottis in body cultures. E. Kh. Abdurakhitova. Blul. oksp. biol. i med. 58 no. 9:109-111 S '64.

EPITHELIUM

Epithelium of the epiglottis in body cultures. E. Kh. Abdurakhitova. Blul. oksp. biol. i med. 58 no. 9:109-111 S '64.

EPIZOOTIC LYMPHANGITIS

Immunity in epizootic lymphangitis of horses. A. I. Neshkov. Trudy VNIHS 16:368-372 '66.

EPOXY RESINS

Development and testing of new elements of butt joints of nucleolus reinforced concrete pressure pipe by using epoxy phenol and phthalate. E. N. Lysakovskii. Trudy Khim. politekh. inst. no. 2:103-109 '64.

Epoxy compositions filled with iron powder and talcum. E. P. Olechkevich, L. M. Davtychevskii. Prom. Rel. 9 no. 1:43-44 Ja '66.

Repairing bearing seats using epoxy resins. S. Fomenko, V. Berezin. Tekh. v nelkhoz. 26 no. 4:65-66 Ap '66.

Vulcanization of 2-methyl-5-vinyl pyridine and butadiene copolymers with epoxy resins. I. V. Molokanov, R. D. Zakharov. Khim. i tek. 25 no. 5:14-17 '66.

EPSHTEIN, GRIGORI IAKOVLEVICH, 1897-1964

Grigori Iakovlevich Epshtein; an obituary. M. M. Gorcharova, N. I. Butkova, N. M. Ol'shan. Ortop. travm. i protez. 25 no. 10:93 O '64.

EQUALITIES (MATHEMATICS)

An integral over a paraboloid and Born's first approximation. L. A. Sukhovich. Dokl. AN SSSR 168 no. 2:208-201 My '66.

EQUATIONS, QUADRATIC

Formulation of problems in quadratic equations. N. N. Krut'kovskii. Uch. zap. TGM 21:183-191 '64.

EQUATORIAL CURRENT—FISHERIES

Fishery resources in the area of the northern range of the Equatorial Countercurrent and San Lats. V. I. Zharov. Ryb. khiz. 42 no. 4:7-9 '66.

EQUIVALENT CIRCUITS

Equivalent networks of a synchronous machine with two three-phase stator windings. N. A. Kravtsov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 4:463-465 '65.

- ERGOT**
Effect of hydrogenated ergot alkaloids on the process of blood coagulation. I. E. Akopov, I. A. Levin, V. M. Lidorova. *Blud, eksp. biol. i med.* 58 no. 9:88-91 S '64.
- ERIVAN—CABLES**
Mechanizing labor consuming operations at the Erivan Cable Plant. N. Bulavenko. *Prom. Arm.* 9 no. 3: 25-26 Mr '66.
- ERIVAN—CHEMICAL INDUSTRIES**
At the plant of everyday chemistry. A. Chachaturova. *Prom. Arm.* 9 no. 2:40-41 F '66.
- ERIVAN—CLOCKMAKING AND WATCHMAKING**
New alarm clocks. A. Mkrtchyan. *Prom. Arm.* 9 no. 3:40-42 Mr '66.
- ERIVAN—CONFECTIONERY—MECHANIZATION**
Mechanized feed of caramel and frosting. V. Gabizimallan. *Prom. Arm.* 9 no. 2:38-39 F '66.
- ERIVAN—ELECTRIC MOTORS, INDUCTION**
The AOL-type modernized electric motors. S. Grigorina. *Prom. Arm.* 9 no. 2:35-37 F '66.
- ERIVAN—GARAGES**
Organizing garages and parking places for automobiles in Erivan. G. Sarukhanian. *Prom. Arm.* 9 no. 2:23-25 F '66.
- ERIVAN—TIRE INDUSTRY—TECHNOLOGICAL INNOVATIONS**
Contribution of innovators. E. Ambartsumian. *Prom. Arm.* 9 no. 3:44-45 Mr '66.
- EROSION** see subtitulation under Altai Mountains; Crimea; Sakhalin; Soviet Far East
- EROSION—BIBLIOGRAPHY** see Bibliography—Erosion
- EROSION OF METALS**
Rahner, A. V., and V. G. Zelenskii. [Erosion of the materials used in thermal power engineering equipment] Erozia materialov teploenergeticheskogo oborudovaniia. Moskva, Energiia, 1966. 270 p.
- ERYTHROSIDE—PHYSIOLOGICAL EFFECT**
Comparative effect of erythroside and strophanthin on the intensity of the coronary blood flow. Zh. A. Lutschinskii, P. I. Dezhnev, M. A. Anzarskaya. *Farm. i toks.* 20 no. 2:180-183 Mr-Apr '66.
- ERYSIPELOID—MICROBIOLOGY**
Problems of the prophylaxis of erysipeloid in man in meat processing enterprises. O. V. Krivonozova, D. M. Teteruk. *Trudy VNIIVS* 16:201-208 '60.
- ERYSIPELOTHRIX**
Methodology for isolating the pathogens of swine erysipelas from soil, feces, and other materials. B. S. Sukhotretskii. *Uch. zap. Viteb. vet. inst.* 10:234-238 '64.
- ERYSIPELOTHRIX RHUSIOPATHIAE**
Reaction of precipitation in agar gel as a method of serological typing of *Erysipelothrix rhusiopathiae* strains. V. I. Givtze, M. M. Kalchenko. *Lab. delo* no. 4:230-232 '66.
- ERYTHROCYTES**
All-Union Conference on the Physiology and Pathology of the Blood Erythrocyte System. IU. V. Semenov. *Probl. gemat. i perel. krovi* 11 no. 3:59-61 Mr '66.
Comparison of the molecule structures of I and III hemoglobins from chick erythrocytes by the method of peptide charts. L. P. Alekseenko, V. N. Orekhovich. *Vop. med. khim.* 12 no. 3:205-207 My-Je '66.
Duration of half life of erythrocytes following exchange transfusion in acute hemorrhage in dogs. N. A. Gorbunova. *Probl. gemat. i perel. krovi* 11 no. 1:34-38 Ju '66.
Effect of choline on the rate of acetylcholine hydrolysis with acetylcholinesterase of bovine erythrocytes. A. P. Brestkin, L. A. Ivanova, V. V. Svechukova. *Biokhimiia* 31 no. 2:416-423 Mr-Apr '66.
Mechanism of increasing osmotic resistance of erythrocytes in rats adapted to hypoxia. Z. I. Barbashova. *Fiziol. zhur.* 50 no. 11:1385-1392 N '64.
Quantitative analysis of the process of interaction of erythrocytes and bacterial antigens. Report No. 1: Relationship of the process of the concentration of haptens and the number of receptors in erythrocytes. B. V. Karalnik. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:88-95 Ap '66.
- ERYTHROMYCIN**
Polymorphism of erythromycin. M. G. Skol'ts and others. *Antibiotiki* 11 no. 4:291-294 Ap '66.
Use of cornmeal in the biosynthesis of erythromycin. V. V. Lohanova, L. K. Shtamm, A. F. Petrova. *Antibiotiki* 11 no. 4:320-323 Ap '66.
- ESCHERICHIA COLI**
Comparative evaluation of accelerated methods of detecting *Escherichia coli* in washings. D. N. Khodova, I. A. Gorlushkina. *Lab. delo* no. 4:236-237 '66.
Comparative evaluation of the sensitivity of various methods of the serodiagnosis of colicenteritis. G. G. Ezhova. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:90-94 Ji '61.
Comparative study of the effect of antibiotics on enteropathogenic serotypes of *Escherichia coli*. P. K. Annan'ev, V. M. Petrov, L. A. Tiurin. *Veterinariia* 42 no. 4:47-49 Ap '66.
Food poisonings caused by enteropathogenic *Escherichia coli*. E. S. Krasnitskaia, V. I. Bagrova. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:156-157 Ji '64.
New scheme of examining water for bacteria of the *Escherichia coli* group. A. Ia. Zvenigorodskaya. *Lab. delo* no. 4:234-236 '66.
Occurrence of enteropathogenic *Escherichia coli* serotypes in the external environment. V. V. Khazanova. *Vop. pit.* 23 no. 4:69-72 Ji-Apr '64.
Role of pathogenic serotypes of *Escherichia coli* in diseases of young animals. I. P. Lyserko, O. S. Andreeva. *Veterinariia* 42 no. 4:14-17 Ap '66.
Specificity of DNA-methylase in the cells of *Escherichia coli* B, infected with phage T2. R. B. Khesin, E. S. Bogdanova. *Biokhimiia* 31 no. 2:405-414 Mr-Apr '66.
- ESCHERICHIA COLI—CULTURES AND CULTURE MEDIA**
Induction of ribonuclease biosynthesis in *Escherichia coli* and *Pseudomonas pyocyanea*. I. I. Oleinik and others. *Mikrobiologiya* 35 no. 2:220-222 Mr-Apr '66.
- ESENIN, SERGEI ALEKSANDROVICH, 1895-1925**
Esenin's youth. Ivan Rukhillo. *Sov. voim* 47 no. 8:16-21 S '65.
Shneider, I. I. [Encounters with Esenin; reminiscences] Vstrechi s Eseninym; vospominaniia. Moskva, Sovetskaya Rossiia, 1965. 102 p.
- ESKOVA, IRINA KONSTANTINOVNA, 1916-**
Irina Konstantinovna Eskova; on her 50th birthday. Arkh. pat. 28 no. 4:87 '63.
- ESKIN, IOSIF ABRAMOVICH, 1904-**
Iosif Abramovich Eskin. *Probl. endok. i gorm.* 10 no. 2:125 Mr-Apr '63.
- ESOPHAGUS**
Diagnosis of the degree of mitral insufficiency by the esophagocardiographic method. T. N. Lipat'skii. *Kardiologiya* 4 no. 2:65-67 Mr-Apr '64.
- ESOPHAGUS—CANCER**
Effect of radiotherapy of esophageal cancer on the course of pulmonary tuberculosis. T. A. Tret'iakova. *Med. rad.* 9 no. 4:17-20 Ap '64.
Transabdominal recanalization in inoperable esophageal cancer. N. A. Sviridov. *Vop. onk.* 12 no. 5:77-79 '66.
- ESOPHAGUS—RADIOGRAPHY**
Use of retroperitoneoscopy in the X-ray examination of the esophagus. V. V. Nerazik. *Sov. med.* 28 no. 9:59-73 S '64.
- ESOPHAGUS—SURGERY**
Transabdominal recanalization in inoperable esophageal cancer. N. A. Sviridov. *Vop. onk.* 12 no. 5:77-79 '66.
- ESOPHAGUS—WOUNDS AND INJURIES**
Bleznin, A. P. [Chemical burns of the esophagus in children] Khimicheskie ozhogi pishchevoda u detei. Moskva, Meditsina, 1968. 181 p. (DNLM)
- ESSENCES AND ESSENTIAL OILS**
Method for determining the linoleol content in coriander oil. S. L. Chernysheva. *Masl. zhur. prom.* 32 no. 4: 29-30 Ap '66.
Qualitative composition of essential oils evaporated by lavender, sage, and Indian mustard. L. N. Kharchenko, E. D. Donomarev. *Fiziol. rast.* 13 no. 1:153-158 Ja-F '66.
- ESTERASES**
Dynamics of carbonic esterases in the cultures of skin connective tissue. G. S. Shishkina, A. F. Nikiforov, L. V. Vainko. *Tsitologiya* 6 no. 4:512-515 Ji-Apr '64.
- ESTERS**
Amines and ammonium compounds. Part 34: Using rearrangement-cleavage reaction in the synthesis of esters of unsaturated carboxylic acids. M. G. Idzikian, R. B. Minasian, A. T. Babolian. *Izv. AN Arm. SSR. Khim. nauki.* 18 no. 6:572-577 '65.
Effect of the modifying additions on the mechanical and protecting properties of polyester coatings. L. A. Snikhareva, V. V. Paturcov, V. K. Zhidoleva. *Stroitel. mat.* 11 no. 3:23-24 Mr '65.
Electrosynthesis of some dimethyl dicarboxylates in methanol and ethylene glycol. IU. M. Tyurin, E. P. Kovsman, E. A. Karavaeva. *Zhur. prikl. khim.* 38 no. 8:1818-1824 Ap '63.
- Esters of aliphatic and cyclic alcohols; synthetic oils. I. B. Rapoport and others. *Neftekhimiia* 4 no. 6:910-923 N-D '64.
Pharmacological properties of 4 new esters of aromatic acids and amino alcohols. P. P. Denisenko, K. A. Lisitsina. *Farma. i toks.* 29 no. 2:148-151 Mr-Apr '66.
Studying the effect of certain stabilizers on the concentrate of ethyl esters of polyunsaturated acids. I. A. Kovun and others. *Zhur. prikl. khim.* 38 no. 8:1838-1841 Ap '65.
Synthesis and properties of some esters of phosphoric thiophosphoric and phosphonic acids. A. O. Mianik, E. S. Shepeleva, P. I. Smir. *Neftekhimiia* 4 no. 6:899-905 N-D '64.
Synthesis of dimethyl ester of protoporphyrin III. T. R. Ovsiepan, R. P. Evstigneieva, N. A. Preobrazhenskii. *Zhur. prikl. khim.* 36 no. 5:806-808 My '66.
- ESTONIA—AGRICULTURE**
Improvement and chemicalization of agriculture in the non-Chernozem zone. I. Eichfeld. *Vest. sel'khoz. nauk* 11 no. 4:8-9 Ap '66.
- ESTONIA—ARCHAEOLOGY**
Tonisson, Evald. [Sites of ancient towns] Linnamänd ja maalinääd. Tallinn, Eesti Raamat, 1966. 168 p. [In Estonian]
- ESTONIA—BOOKSELLERS AND BOOKSELLING**
Move right mean more responsibility. H. Sundja. *Kirzh. togu.* 17 no. 3:14-15 My '66.
- ESTONIA—CONODONTS**
Distribution of conodonts in the Lower Ordovician strata of Suikrunagi (Tallinn). V. Vilva. *Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk* 15 no. 1:150-155 '66.
- ESTONIA—CONSTITUTION**
Estonian S.S.R. Constitution. [Constitution of the Estonian Soviet Socialist Republic (fundamental law). With amendments and supplements as passed by the Fifth Supreme Soviet of the Estonian S.S.R. at Sessions IV, V, VI, VIII, and IX, and by the Sixth Supreme Soviet at Sessions I, II, IV, V, VI, and VII] Eesti Nõukogude Sotsialistliku Vabariigi Konstitutsioon (põhiseadus). Eesti NSV Ülemnõukogu viienda koosseisu (IV, V, VI, VIII ja IX ning kuenda koosseisu I, II, IV, V, VI, VII ja IX ning kuenda koosseisu täiendustega). Tallinn, Kirjastus "Eesti Raamat," Tallinn, 1965. 32 p. [In Estonian]
- ESTONIA—EDUCATION, ELEMENTARY**
Estonian S.S.R. *Haridusministeerium*. [Elementary school program for the 1965/1966 school-year] Algkooli programmid 1965-1966 õppeaastaks. Tallinn, Kirjastus "Eesti Raamat," 1965. 165 p. [In Estonian]
- ESTONIA—FLIES**
Elberg, K. [A guide to the synanthropic flies of Estonia] Eesti sünantropsete kärbsede määraja. Tartu, 1961. 39 p. (Abiks loodusevaatlajale, no. 44) [In Estonian]
- ESTONIA—HISTORY**
Eesti NSV Teaduste Akadeemia. *Ajaloo Instituut*. [History of the Estonian S.S.R. in three volumes] Istorii Estonskoi SSR v trekh tomakh. Red. kollektiva: I. Sut'i dr. Tallinn, Eesti Raamat. Vol. 2. [From the 1850's through March 1917] S 50-kih godov XIX veka po mart 1917 goda. 1965. 793 p.
Eestlanna kommunistlik partei, Keskkomitee. *Partei Ajaloo Instituut*. [The people's avengers; reminiscences and stories of guerrilla fighting and the antifascist movement] Rihvastajad; mälestusi ja jutustusi partisanivõitlusest ning antifasistlikust liikumisest. Tallinn, Eesti Raamat. [In Estonian] Book 2. 1965. 402 p.
- ESTONIA—LEATHER WORK**
Kirno, Kaalu. [Genesis of Estonian decorative leather work] Eesti nahkhiistoo sünd. Tallinn, Eesti NSV Teaduste Akadeemia Ajaloo Instituut, 1965. 83 p. [In Estonian]
- ESTONIA—LEGISLATION**
Randalu, Hiljar. [Problems of improvement of legislation and legal information] Seadusandluse tähtsustuse ja õigustiku informatsioonil kustumist. Tallinn, 1965. 129 p. [In Estonian]
- ESTONIA—MUSIC FESTIVALS**
Tallinn, Teatri- ja muusikamuuseum. [The people sing...; Estonian singing festivals, story and pictures] Laulud naised inilevad...; Eesti üldlaulupidu sonas ja pildis. Tallinn, 1965. 1 v. (chiefly illus.) [In Estonian]
- ESTONIA—OIL SHALES—THERMAL PROPERTIES**
Determining the heat capacity of the Estonian oil shale Kukersite at temperatures up to 800°C. A. Agroskin, E. Goncharov. *Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk* 15 no. 1:94-97 '66.

ESTONIA—PHILOSOPHY

Stein, Otto. [Philosophy and sociology of the Estonian bourgeoisie] Eesti kodanuse filosoofia ja sotsioloogid. Tallinn, "Eesti Raamat," 1965. 107 p. [In Estonian]

ESTONIA—POLITICS AND GOVERNMENT

Schneider, Heinrich. [Volunteer participation in the activities of local organs of state government and control] Ühisfondlikest alustest kohalike riigivõimude haldusorganite tegevuses. Tallinn, Eesti Raamat, 1965. 132 p. [In Estonian]

ESTONIA—PUNCHED CARD SYSTEMS—LEGAL DOCUMENTS

Randala, Hiljar. [Problems of improvement of legislation and legal information] Seadusandluse täiustamise ja õigusliku informatsiooni küsimusi. Tallinn, 1965. 129 p. [In Estonian]

ESTONIA—RETAIL TRADE—MANAGEMENT

Experiment on a republic scale. I. Mädisaia. Sov. toorg. 39 no. 5:11-13 My '66.

ESTONIA—RIVERS

Relation between contemporaneous earth crust movements and the erosional-accumulative action of Estonian rivers. A. Mädel. Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:121-133 '66.

ESTONIA—SAILING

Kulviigi, Heino. [Wind in our sails] Pagisid meie purjedes. Tallinn, Eesti Raamat, 1965. 209 p. [In Estonian]

ESTONIA—SCIENCE

[Science in Soviet Estonia] Nõukogude Eesti Teadus, Koostanud O. Eisen, M. Hellenurm, J. Kalk (toimetaja). Tallinn, Eesti Raamat, 1965. 94 p. [In Estonian]

ESTONIA—SOCIOLOGY

Stein, Otto. [Philosophy and sociology of the Estonian bourgeoisie] Eesti kodanuse filosoofia ja sotsioloogid. Tallinn, "Eesti Raamat," 1965. 107 p. [In Estonian]

ESTONIA—THEATERS—STAGE SETTING AND SCENERY

Estonian S.S.R. Kultuuriministeerium. [Stage decoration] Teatrilekoratsioon, Teatriraama dekoratsioon. Tallinn, 1965. 1 v. (chiefly illus.) [Parallel texts in Estonian and Russian]

ESTONIA—WATER CONSERVATION—CONGRESSES

Respublikantskaja konfereentsia po ispol'zovaniju i okhrane vodnykh resursov Estonskoi SSR. 2d. Tallinn, 1964. [Reports of the Second Republic Conference on the Utilization and Conservation of Water Resources of the Estonian S.S.R.] Doklady. Tallin, Tallinskii politsekh. in-t, 1965. 122 p.

ESTONIA—WILDLIFE CONSERVATION

Eesti NSV Teaduste Akadeemia. Loodusuurijate selts. [Protection of our wild animals] Meie loomastiku looduskaitse. Tartu, 1960. 76 p. (Abiks loodusevaalajale, no. 43) [In Estonian]

ESTONIAN LANGUAGE

Tartu, Ülikool. [Language and structure; studies in structural and mathematical linguistics] Keel ja struktuur; toid struktuurilise ja matemaatilise lingvistika alal. Tartu, 1965. 103 p. [In Estonian]

ESTONIAN LITERATURE—HISTORY AND CRITICISM

Alekors, Richard. [Talks and tales; stops on our literary frontlines] Jutt on see koore; peatumised meie tõelise kirjanduse rindel. Tallinn, Eesti Raamat, 1965. 364 p. [In Estonian]

ESTROGENS

Binding of hydrocortisone by the plasma of estrogenized guinea pigs. N. A. Iudaev, V. B. Rozen, A. S. Mikosha. Probl. endok. i gorm. 10 no. 2:73-76 Mr-Apr '64.

Changes in the estrogen balance of menstruating patients with breast cancer under the effect of compound therapy. M. G. Futorny. Klin. khir. no. 7:71-75 '65.

Estrogen function of the ovaries in the individual development in cattle of the Black and White breed. Fiziol. zhur. 52 no. 5:595-600 My '66.

Excretion of estrogens in patients with cancer of the breast. M. G. Futorny. Vop. onk. 12 no. 5:35-38 '66.

Presence of residual estrogen in meat. A. S. Borozdina, S. S. Lapidus, N. I. Nikiforov. Trudy VNIIVS 16:209-222 '60.

Stimulatory and inhibitory effect of estrogens on mitotic activity. S. S. Laguchev. Tsitologia 6 no. 4:458-463 Ji-Ag '64.

ETCHING

Use of ionic etching for detecting the nonuniformity of minerals as revealed by a study of titanomagnetites. R. V. Boiaraska. Geol. rud. mestorozh. 8 no. 1:108-111 Ja-F '66.

ETHANES

Certain features of noncatalytic oxidation of ethane with the recycling of gases, and the role of ethylene oxide as an intermediate product in this process. S. M. Samoilov, I. L. Kotliarevskii, V. V. Andrievskii. Zhur. prikl. khim. 38 no. 8:1830-1838 Ag '65.

Kinetics and mechanism of the thermal decomposition of ethane. Part 2. I. U. I. Kudriavtseva, V. I. Vedenev. Kin. i kat. 7 no. 2:208-213 Mr-Apr '66.

ETHANES—PHYSIOLOGICAL EFFECT

Changes in the bioelectrical activity of the brain in young children during fluorothane (fluothane) anesthesia. O. D. Kuz'minov and others. Vest. khir. 96 no. 4:115-120 Ap '66.

ETHANES—TOXICOLOGY

Effect of DDD on the functional state of the adrenal cortex in guinea pigs. K. P. Zak, I. P. Maevskaya. Probl. endok. i gorm. 10 no. 2:77-80 Mr-Apr '64.

ETHANOL

Investigation of the behavior of deuterioethanol under conditions of synthesis of organic compounds from CO and H₂ on iron catalysts. I. U. B. Krikov and others. Neftekhimika 4 no. 6:869-875 N-D '64.

Mechanism of the formation of the oxidation products of ethanol in the liquid phase. G. E. Zaitkov, Z. K. Maizus. Neftekhimika 4 no. 6:886-893 N-D '64.

Reaction of di- and triethanolamine with mercury (II) chloride, bromide, and iodide. V. V. Udovenko, V. I. Zotov. Ukr. khim. zhur. 32 no. 5:440-444 '66.

ETHER

Present state of the automation of the transformation of ether into alcohol and problems in the optimization of this process. V. V. Iusifov. Za tekhn. prog. 4 no. 3:8-11 Mr '64.

ETHERS

Free radical addition of substituted γ -valerolactones to vinyl butyl ether. F. G. Ponomarev, N. I. Kopteva. Dokl. AN SSSR 168 no. 3:592-594 My '66.

ETHICS

Kissel', M. A., and M. V. Emdin. [The ethics of Hegel and the crisis in present-day bourgeois ethics] Erika Gegelja i krizis sovremennoi burzhuaznoi etiki. [Leningrad] Izd-vo Leningr. univ., 1966. 123 p.

ETHIOPIA—EDUCATION

Across Ethiopia. I. U. Verin. Nar. obr. no. 5:106-108 My '66.

ETHIOLOGY see subdivision under Europe; Georgia; Russia, Southern; Singapore; Thailand

ETHIOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHIOLOGY—TERMINOLOGY

The ethnic term "Khailanduk" in the historical works by the Ellishe and Moses Kalankataci. M. Sedlov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 6:84-93 '65.

ETHYL ETHER

Structure of a complex compound of beryllium chloride with diethyl ether and the nature of structure formation in its ether solutions. K. N. Semenenko, N. I. A. Turava. Zhur. neorg. khim. 11 no. 5:1009-1012 My '66.

ETHYLAMINE—TOXICOLOGY

Experimental analysis of the permissible limit concentration of monoethylamine in the water of reservoirs. L. N. Gavrilevskaya, V. P. Lashina. San. okhr. vod. ot zagr. prom. i stoich. vod. no. 7:90-112 '65.

ETHYLENE

Copolymerization of ethylene with ethyl acrylate by continuous process under pressure. S. M. Samoilov and others. Plast. massy no. 5:3-6 '66.

High-temperature chlorination of ethylene in presence of vinyl chloride. A. L. Subbotin and others. Khim. prom. 42 no. 5:329-333 My '66.

Interaction of atomic oxygen generated in the gas phase with solid hydrocarbons. Part 1: Reactions of atomic oxygen with solid ethylene at 65-69° K. A. N. Ponomarev. Kin. i kat. 7 no. 2:237-241 Mr-Apr '66.

Kinetics of the high-temperature chlorination of ethylene in a flow. A. I. Subbotin, V. N. Antonov, V. S. Ellis. Kin. i kat. 7 no. 2:202-207 Mr-Apr '66.

Polymerization of ethylene at high pressure in a tubular reactor. M. I. Botnikov and others. Plast. massy no. 5:6-9 '66.

ETHYLENE GLYCOL

Electro-oxidation of ethylene glycol on a platinum electrode. Part 1: Adsorption of ethylene glycol from acid solutions. Jan Weber, I. U. B. Vasil'ev, V. S. Bagetskii. Elektrokhimika 2 no. 5:515-521 My '66.

Electro-oxidation of ethylene glycol on a platinum electrode. Part 2: Effect of the electrode potential on the adsorption of ethylene glycol. Jan Weber, I. U. B. Vasil'ev, V. S. Bagetskii. Elektrokhimika 2 no. 5:522-528 My '66.

ETHYLENE OXIDE

Certain features of noncatalytic oxidation of ethane with the recycling of gases, and the role of ethylene oxide as an intermediate product in this process. S. M. Samoilov, I. L. Kotliarevskii, V. V. Andrievskii. Zhur. prikl. khim. 38 no. 8:1830-1838 Ag '65.

ETHYLENE PHOSPHATE

Ethylene imidophosphates of steroid hormones and related compounds. K. A. Petrov, A. I. Gavrilova, V. P. Korotkova. Zhur. ob. khim. 36 no. 5:853-856 My '66.

ETHYLENIMINE—PHYSIOLOGICAL EFFECT

Effect of some chloroethylamines and ethylenimines on the electrocardiogram and blood pressure in rabbits. A. P. Belikova, N. A. Kudriavina. Farm. i toks. 29 no. 2:213-215 Mr-Apr '66.

EUCALYPTUS

Antibiotic substance isolated from the leaves of the Eucalyptus globulus and its detoxicating properties. V. I. A. Pochynok. Farmatsevt. zhur. 20 no. 3:70-71 '65.

EUROPE—ATHEISM

Sokolov, N. P., ed. [The history of freethinking and atheism in Europe] Istoriia svobodomyслиa i ateizma v Evrope. Moskva, Mysl', 1960. 412 p.

EUROPE—CIVILIZATION

Ortega i Gasset, José. [The revolt of the masses] Translated from the Spanish. Bunt mas. New York, Vyd. Organizatsii oborony chotyr'okh svobod Ukrainy, 1965. 157 p. (NN)

EUROPE—ETHNOLOGY

Akademii nauk SSSR. Institut etnografii. [Outline of general ethnography; Europe not including the Soviet Union] Ocherki obshchei etnografii; zarubezhnaya Evropa. Pod red. S. P. Tolstova i dr. Moskva, Nauka, 1966. 474 p.

EUROPE—FREE THOUGHT

Sokolov, N. P., ed. [The history of freethinking and atheism in Europe] Istoriia svobodomyслиa i ateizma v Evrope. Moskva, Mysl', 1966. 412 p.

EUROPE—GEOLOGY, STRUCTURAL—CONGRESSES

International colloquium on the tectonics of the Alpine fold area of Europe and Asia Minor. A. A. Gubrician, Izv. AN Arm. SSR, Nauka i zem. 10 no. 1/2:172-176 '66.

EUROPE—HISTORY

Operation "Teutonic sword" (conclusion). V. K. Volkov. Nov. i noveish. ist. no. 3:47-59 '66.

Sociopolitical ideas in 1815. A. Z. Manfred. Vop. ist. 41 no. 5:64-64 My '66.

EUROPE—POLITICS

Conflicts among the European powers during the first years of the Greek National Liberation War, 1823-1828. I. G. Gutkina. Uch. zap. Ped. inst. Gerts. no. 208:124-177 '66.

EUROPE, EASTERN—ANTIQUITIES

Fedorov-Davydov, G. A. [Monuments of Eastern Europe under the rule of the Golden Horde khans; archaeological objects] Kochovniki Vostochnoi Evropy pod vlast'iu zolotoordynskikh khanov; arkhoeologicheskie pamiatniki. [Moskva] Izd-vo Mosk. univ., 1966. 272 p.

EUROPE, EASTERN—BIBLIOGRAPHY

[New literature on the general problems of the European socialist countries] Nov. lit. po obshch. probl. evrop. sots. stran no. 4 '66.

EUROPE, EASTERN—CAPITAL INVESTMENTS

Terekhov, V. F. [Determining the economic efficiency of capital investments in socialist countries] Opredelenie ekonomicheskoi effektivnosti kapital'nykh vlozhenii v sotsialisticheskie strany. Moskva, Ekonomika, 1966. 181 p.

EUROPE, EASTERN—FUEL

The fuel and raw material problem of the Comecon countries and ways of solving it. I. Dudinskii. Vop. ekon. no. 4:84-94 Ap '66.

EUROPE, EASTERN—INDUSTRIAL ORGANIZATION

Economic effect of the intrabranche specialization of production in the Comecon countries. I. U. Korminov. Vop. ekon. no. 4:73-83 Ap '66.

EUROPE, EASTERN—MINES AND MINERAL RESOURCES

The fuel and raw material problem of the Comecon countries and ways of solving it. I. Dudinskii. Vop. ekon. no. 4:84-94 Ap '66.

EUROPE, EASTERN—NOMADS

Fedorov-Davydov, G. A. [Nomads of Eastern Europe under the rule of the Golden Horde khans; archaeological objects] Kochovniki Vostochnoi Evropy pod vlast'iu zolotoordynskikh khanov; arkhoeologicheskie pamiatniki. [Moskva] Izd-vo Mosk. univ., 1966. 272 p.

EUROPE, EASTERN—PROFIT

Tarnovskii, O. I. [Profit and its use; practices of the European socialist countries] Pribyl' i ee ispol'zovanie; opyt evropeiskikh stran sotsializma. Moskva, Ekonomika, 1966. 89 p.

EUROPE, EASTERN—TECHNICAL ASSISTANCE
leaning on friendly shoulders. B. Aleksandrovskii.
Agitator 34 no. 10:53-54 My '66.

EUROPE, NORTHERN—POLITICS

Prokof'ev, V. [Northern Europe and peace; the
countries of Northern Europe in contemporary
international relations] Severnaya Evropa i mir;
stany Severnoi Evropy v sovremennyykh mezhduarod-
nykh otnosheniakh. Moskva, Mezhdunarodnye
otnosheniya, 1966. 207 p.

EUROPE, WESTERN—INVESTMENTS, AMERICAN

Zakharova, M. H. [Expansion of the private capital of
the U.S.A. in Western Europe] Ekspanzia chastnogo
kapitla SShA v Zapadnoi Evropu. [Moskva] Izd-vo
Mosk. univ., 1966. 186 p.

EUROPE, WESTERN—SHOPPING CENTERS

Organization of shopping centers in countries of Western
Europe. N. Kolomoietz. Stroitel'stvo, 14 no. 4:31-40
Ap '66.

EUROPEAN CORN BORER—EXTERMINATION

(see also subdivision under Abkhazia)
Use of granulated chlorophos against the corn borer.
K. Kolomoietz, V. Voskobiitkov, E. Katsova. Zashch.
rast., 11 no. 5:33 '66.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES— FOREIGN ECONOMIC RELATIONS—GREAT BRITAIN

The aircraft industry of England and the "Common
Market." I. Lushnikov. Vnesh.torg. 46 no. 4:27-31
'66.

EUROPEAN FOULBROOD see Foulbrood, European

EUROPEAN WAR, 1939-1945—CAMPAIGNS

How the A.A. Brusilov Army broke the enemy front.
V. Liakhov. Voenn.-ist. zhur. 8 no. 6:121-125 Je '66.

EUROPIUM

Ion-exchange adsorption of gadolinium and europium
y amberlite IIA-400 from water-methanol solutions
containing neutral nitrates. F. Mol'nar and others.
Radiokhimika 8 no. 2:183-189 '66.

EUROPIUM CHLORIDE

Interaction of europium (III) and terbium chlorides with
sodium and potassium chlorides. B. G. Korshunov and
others. Zhur. neorg. khim. 11 no. 5:1013-1017 My '66.

FRYGASTERS—EXTERMINATION see subdivision under Semipalatinsk Province

EVAPORATING APPLIANCES

Effect of level on the extreme values of heat transfer in
evaporating apparatus with natural circulation. R. I. A.
Ladlev. Khim. mashinostr. no. 2:54-58 '65.

Experimental testing of heat transfer to a boiling liquid
vertical tubes. R. I. A. Ladlev. Khim. mashinostr.
2:50-60 '65.

Manufacture of condensed milk in blocks. V. V. Strakhov,
N. F. Fostova, V. G. Skoromnikova. Trudy VNIMI
kol. 1 no. 23:66-72 '65.

Optimum work conditions of sprayer-type evaporating
apparatus for alkyl sulfate separation in alcohol
distillation. G. I. Moskvina and others. Masl.-zhir.
prom. 32 no. 4:18-20 Ap '66.

EVAPORATING APPLIANCES—HYDRODYNAMICS

Frictional losses for friction in the boiling tubes of
evaporating apparatus. I. M. Fedotkin. Khim.
mashinostr. no. 2:105-114 '65.

EVAPORATING APPLIANCES—MAINTENANCE AND REPAIR

Repair of evaporator units without scale bollot. N. D.
Misiura. Sakh. prom. 40 no. 5:23-25 My '66.

EVAPORATING APPLIANCES—MATHEMATICAL MODELS

Mathematical model of a complete recovery of the pre-
treatment bath in cellophane production. I. S. Poleschuk.
Mikro. volok. 3:52-54 '66.

EVAPORATION

Effect of monomolecular film from fatty alcohols, used
as an evaporation depressor, on the biological balance
of the bodies of water. T. M. Meshkova. Gidrobiol. zhur.
no. 2:3-8 '66.

Evaporation of a liquid from the plane surface of a
solution. P. P. Zolotarev. Dokl. AN SSSR 166 no. 1:
-86 My '66.

EVAPORATION (METEOROLOGY) see subdivision under Aspin Sea

FINING AND CONTINUATION SCHOOLS

Notes for those who study while working full-time.
Katrunkhiti, Sots. trad. 11 no. 5:127-130 '66.

Notes for those who graduate. V. Machikhin. Sem'la i shkola
no. 4:36-37 Ap '66.

EVERGREENS see subdivision under Moscow

EVIDENCE (LAW)

Belkin, R. S. [Collecting, testing and weighing of evi-
dence; substance and methods] Sobranie, issledova-
nie i otsenka dokazatel'stv; sushchest'no i metody. Mo-
skva, Nauka, 1966. 204 p.

Decision No. 2 of the Plenum of the Supreme Court of the
U. S. S. R. of February 25, 1966, on judicial practices
when establishing facts having legal relevance. Sov.
just. 39 no. 2:30-31 My '66.

EVOLUTION

Labkov, A. V. [Current problems of evolutionary
theory] Aktual'nye problemy evoliutsionnoi teorii. Mo-
skva, Znanie, 1966. 31 p. (Biblioteka "Filosofskie
problemy biologii." V pomoshch' zaimatelskikh
v sisteme partinnoi uchely)

Relation between the organization and evolution of living
systems. K. M. Khallov. Vop. filos. 20 no. 4:110-120
'66.

Some problems concerning the dialectic of contradictions
in the development of organic forms. V. O. Bosenko.
Filos. probl. such. prirod. no. 2:134-141 '64.

V. I. Lenin on the concept of evolution and some
problems in present-day natural sciences. I. A. I.
Iroza. Filos. probl. such. prirod. no. 2:28-35 '64.

EXCAVATING MACHINERY

Assembling equipment complexes for stripping operations
at the Mikheylovka Iron Ore Combine. M. D. Podolskiy.
Shakht. stroit. 10 no. 4:18-21 Ap '66.

Investigation of the performance of the bucket of a rotary
ditch excavator. G. D. Romanuk. Stroitel'stvo, 10
no. 4:14-15 Ap '65.

Nauchno-issledovatel'skii institut informatsii po stroitel'-
stvu, dorozhnomu i kommunal'nym mashinostroeni-
yu. [Excavating machinery for irrigation construction; a
catalog and handbook] Zemleroiye mashiny dlia irri-
gatsionnogo stroitel'stva; [katalog-spravochnik] Moskva,
1966. 121 p. (Seria I: Stroitel'nye i dorozhnye
mashiny)

Trenching with a rotary excavator during the repair of
pipelines. P. I. A. Gudzenko and others. Stroitel'stvo,
10 no. 4:16-17 Ap '65.

Using excavators with shaped buckets. N. S. Timchenko,
A. A. Martynov. Gidrot. i mel. 18 no. 5:59-53 My '66.

Working parameters of rotary bucket excavators for the
selective mining of refractory clay and kaolin. I. S.
Korotushkin. Otkrytoye 31 no. 4:33-36 '66.

EXCAVATING MACHINERY—DESIGN AND CONSTRUCTION

Selecting certain initial parameters for rotary bucket
excavators with increased cutting force. E. F.
Kolesnikov, D. I. Teranov, V. M. Iakimovich. Ugol'nik.
10 no. 5:42-44 My '66.

EXCAVATING MACHINERY—EFFICIENCY

Efficiency of mining excavators and train compositions
depending on the yield of lumpy fractions. B. P. Uman-
ov, M. I. Reizman, Gorzhur. no. 5:24-28 My '66.

EXCAVATING MACHINERY—ELECTRIC DRIVING

Optimum characteristics of the turning drive of single-
bucket excavators, and methods to obtain them. M. G.
Pirushko. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:129-
134 '66.

EXCAVATING MACHINERY—EXHIBITIONS

(see also subdivision under Ukraine)
From exhibition into production; necessary missions.
F. Zubov. Inform. bhl. VDNKh no. 5:13 My '66.

EXCAVATING MACHINERY—PARTS

Determining the cutting depth of the bits of drumlike cut-
ters. V. V. Nikulin. Izv. vys. ucheb. zav.; gor. zhur. 9
no. 4:90-93 '66.

EXCAVATING MACHINERY INDUSTRY see subdivision under Kostroma

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Ukraine

EXCITATION (PHYSIOLOGY)

Activity of spinal cord neurons following stimulation of
the hypothalamus and hippocampus. A. I. Shapovalov,
B. A. Arutunian. Biol. eksp. biol. i med. 58 no. 12:3-8
D '64.

Changes in the methylene-blue staining of preterminal
nerve branches during the postmum. E. A. Shapiro.
Tsitol. i gen. 6 no. 4:415-420 Ji-Ag '64.

Characteristics of the generation of action potentials
in giant neurons of mollusks. V. D. Gerasimov, P. G.
Kostluk, V. A. Matskii. Fiziol. zhur. 50 no. 11:1321-
1328 N '64.

Correlation between the duration of the cardiac cycle and
ventricular excitation time in normal persons according
to the Waller-Bazett formula. I. P. Pashchenykh. Fiziol.
zhur. 50 no. 9:1144-1149 S '64.

Effect of stimulation of the hypothalamus on the pulmonary
circulation. V. A. Tsybenko. Fiziol. zhur. 50 no. 9:
1150-1157 S '64.

Effect of various narcotic substances on cortical potentials
evoked by acoustic and painful stimulation in cats.
Arnold Starr. Fiziol. zhur. 52 no. 5:458-464 My
'66.

Excitation propagation velocity in motor pathways of the
spinal cord as related to humoral effects. D. A. Murkov,
N. I. Lushchikova, L. I. Sirotenko. Dokl. AN SSSR
10 no. 5:356-358 My '66.

Further studies on slow and rapid muscle systems in
frogs. N. F. Skorobochuk, N. A. Chizhova. Fiziol.
zhur. 50 no. 11:1335-1341 N '64.

Interaction of analyzers following adequate stimulation of
the vestibular apparatus in dogs. V. N. Darnatskii.
Biol. eksp. biol. i med. 58 no. 12:31-35 D '64.

Interaction of evoked potentials in the visual cortex in
rabbits with X-like waves. A. I. A. Supin. Fiziol. zhur.
52 no. 5:465-471 My '66.

Mechanism of changes in the plethysmographic curve
during the depressor response of the blood pressure
evoked by stimulating the vagus nerve. E. G. Skripina.
Fiziol. zhur. 51 no. 2:204-213 F '65.

Morphological and functional organization of defensive type
responses evoked by stimulation of the hypothalamus.
M. M. Kozlovskaya. Fiziol. zhur. 50 no. 10:1218-1226
O '64.

Nature of the escape phenomenon of the frog heart. V. S.
Frenkel. Fiziol. zhur. 52 no. 5:541-546 My '66.

Peripheral vascular responses to a stimulation of hypo-
thalamic nuclei. Z. V. Belikova, E. Endreits. Fiziol.
zhur. 50 no. 10:1208-1217 O '64.

Study of the chemical sensitivity of the terminal
lamina of a striated muscle fiber in frogs during the
course of its rhythmic activation. I. A. Vladimirova.
Fiziol. zhur. 50 no. 11:1356-1363 N '64.

EXCITON THEORY

Effect of delayed interaction on the exciton spectrum in
one-dimensional and two-dimensional crystals. V. M.
Agranovich, O. A. Dubovskii, P. V. Fed. Zhur. eksp.
i teoret. fiz. 3 no. 9:345-350 My '66.

Motion of free excitons and their interaction with phonons.
E. F. Gross, S. A. Ponomarev, B. S. Razhina. Fiz. tver.
tela 8 no. 5:1483-1492 My '66.

EXECUTIVES

The captain of Soviet industry, 1926-1940. A. P. Khavin.
Vop. ist. 41 no. 5:3-14 My '66.

EXERCISE THERAPY

Effect of exercise therapy on the dynamics of nervous
processes. V. A. Makarov. Vop. kur. fizioter. i lech.
kul't. 29 no. 5:463 S-O '64.

Methodology of examination and estimation of the effec-
tiveness of physical exercise on the organism of middle-
aged, elderly, and senile persons. A. N. Trankvillitai.
Trudy MOI, Otd. biol. 17:373-377 '66.

Organization of exercise therapy and sport for women
and men in the transitional age. Preliminary report.
A. N. Trankvillitai. Trudy MOI, Otd. biol. 17:368-
372 '66.

Oxymetric control of children undergoing exercise
therapy. M. B. Kogan, A. V. Vysotskaya. Vop. kur.,
fizioter. i lech. fiz. kul't. 29 no. 5:447-450 S-O '64.

Respiratory gymnastics in the compound treatment of pul-
monary tuberculosis. I. U. Filimonov. Probl. tub. 42
no. 6:24-31 '64.

EXHAUST SYSTEMS—EQUIPMENT AND SUPPLIES

Exhaust pipes of facilities. O. I. Lobov, A. A. Sal'nikov,
A. N. Tetlov. Stroitel'stvo, 14 no. 5:6-8 My '66.

EXHIBITIONS

The first Soviet exhibition in Chile. V. Zadovolnyi,
V. Frankin. Vnesh.torg. 46 no. 4:53-54 '66.

EXISTENTIALISM

Existentialism and the problem of language in Hegel's
philosophy. S. I. Kogan. Vop. filos. 20 no. 4:121-131
'66.

EXOPHTHALMOS

Method of determining the exophthalmic factor in hypo-
physical extracts and blood serum. V. V. Potin, G. S.
Stepanov. Probl. endok. i gorm. 12 no. 3:107-111 My-
Je '66.

Role of the lesions of the upper brainstem and diencephalic
formations in the genesis of malignant exophthalmos;
an electroencephalographic study. I. P. Latash, D. R.
Shul'man. Probl. endok. i gorm. 10 no. 2:32-41 Mr-
Ap '64.

EXPERIMENTAL DESIGN

Studying the kinetics of thermal pore formation in obsidian
by experimental design. I. P. Adler, A. E. Rokhsarg.
Zav. lab. 32 no. 1:59-61 '66.

EXPERIMENTAL ONCOLOGY see Oncology, Experi- mental

EXPLOSIONS

Experimental unit for studying the prevention of explo-
sions in fuel and air mixtures in enclosed vessels. I. U. IA
Egit. Fiz. tekhn. no. 6:102-111 '65.

Generation of transverse seismic waves by explosions.
N. N. Puzirev, K. A. Lebedev, G. N. Lebedeva. Geol. i
geofiz. no. 2:88-99 '66.

EXPLOSIVE FORMING

- Dynamics of the process of completing an undetachable joint by electric explosion of a wire. V. F. Vygodskii. Izv. vys. ucheb. zav.; mashinost. no. 3:183-189 '66.
- Elongation coefficient during explosive forming. O. D. Antonenkov and others. Kuz.-shtam. proizv. 8 no. 5: 26-27 My '66.
- Stamping steel in a paper bag. I. El'shanskii. Izobret. rats. no. 3:14-15 Mr '66.

EXPLOSIVES

- Efficiency of using ignitants in underground mines. G. P. Demiduk, N. F. Adrianov, A. N. Bugaevskii, V. V. deto no. 59:16:269-277 '66.
- Use of mazut as a combustible addition in preparing ignitants. G. P. Lichell, A. I. Tsvadze, B. Z. Tabatadze. V. V. deto no. 59:16:177-181 '66.

EXTRACTION (CHEMISTRY)

- Diffusion extraction from polydisperse capillary-porous bodies. M. A. Al'ishuler, E. I. Vasilevskaya, B. V. Deragin. Dokl. AN SSSR 168 no. 2:368-371 My '66.
- Extraction of the chlorides of cobalt (II), nickel (II), and manganese (II) by tributyl phosphate. B. Jesowska-Tise-bistowska, S. Kopeck. Radiokhimiia 8 no. 2:145-153 '66.
- Extraction-photometric methods for the determination of alkaloids. Report No. 1: Acid-base properties of components and the effect of pH on the extractability of alkaloid compounds with acid dyes. A. K. Babko, V. S. Konushko, Zhur. anal. khim. 21 no. 4:436-490 '66.
- Kinetics of the re-extraction of nitrates of some metals from alkylphosphoric solutions into water. Part 1: Systems $UO_2(NO_3)_2$ -2S (S-DBEP, HEDBP, TBFO). V. S. Fedorov, M. F. Pushlenkov. Radiokhimiia 8 no. 2:132-136 '66.
- Kinetics of the re-extraction of nitrates of some metals from alkylphosphoric solutions into water. Part 2: Systems $La(NO_3)_3$ -3S + diluent. V. S. Fedorov, M. F. Pushlenkov. Radiokhimiia 8 no. 2:136-139 '66.
- Quantitative determination and optimal conditions for the extraction of galanthamine with organic solvents. V. V. Mikheev. Farmats. zhur. 20 no. 3:44-46 '66.
- Separation and determination of valence forms of thallium in chloride-sulfate solutions by extraction by tributyl phosphate. I. A. Kuzin, L. K. Chuchalin, B. S. Khristoforov. Metod. izuch. veshch. sost. i ikh prim. no. 1:122-129 '65.
- Some regularities of the extraction of chloride compounds of mercury with organic solvents. I. N. Plaksin, Z. A. Anisimova, V. G. Tiptsova. Zhur. neorg. khim. 11 no. 4:854-858 Ap '66.

EXTRACTION APPARATUS

- Laboratory extractor. I. V. Provintsev, S. Kh. Pliner, R. A. Kotlova. Zav. lab. 32 no. 1:122 '66.

EXTRACTION APPARATUS—TESTING

- Comparative characteristics of a pulsating and mixing extractor and extractors with vibrating plates. M. Z. Maksimenko, A. F. Galeev, A. I. Gur'ianov. Khim. i neft. mashinost. no. 3:4-6 Mr '66.

EXTREMITIES (ANATOMY)

- Paths of the lymph flow from the distal segments of the pelvic extremity of a horse. P. F. Sorokovoi. Trudy Mosk. vet. akad. 10:130-147 '56.

EXTREMITIES (ANATOMY)—FRACTURES

- Simplified method for the fixation of a fracture of the metacarpus in cattle. G. S. Mastyko. Uch. zap. Viteb. vet. inst. 18:311-313 '64.

EXTREMITIES (ANATOMY)—INNERVATION

- Analysis of the causes of unsuccessful outcome of nerve suturing in gunshot wounds of extremities. V. L. Kachaev. Vop. neirokhir. 28 no. 3:27-30 My-Je '64.

EXTREMITIES (ANATOMY)—WOUNDS AND INJURIES

- Early diagnosis of the level and the depth of frostbite of the extremities. A. P. Petrov. Ortop., travm. i protez. 25 no. 10:72-73 O '64.

- Importance of the nervous factor in the pathogenesis of open traumas. A. N. Golikov. Trudy Mosk. vet. akad. 10:3-12 '56.

EXTREMITIES, LOWER—ABNORMALITIES AND DEFORMITIES

- Organization of early diagnosis and early treatment of congenital deformities of the locomotor apparatus. E. I. Sapsak. Ortop., travm. i protez. 25 no. 10:54-57 O '64.

EXTRUSION (METALS)

- Analytic determination of deforming forces in the extrusion of tubes. M. Z. Ermanok, I. V. Egorov, L. S. Skoblov. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:147-153 '66.
- Characteristics of manufacturing bimetal shapes by the hot extrusion method. A. N. Chernov, S. A. Golovanenko, V. V. Gullayev. Sbor. trud. TSNICHM no. 42:92-100 '65.

- Deformation characteristics in backward extrusion. V. I. A. Shekter. Kuz.-shtam. proizv. 8 no. 3:15-16 My '66.
- Dies for the cold extrusion of aluminum alloy pipe. G. G. Epshteyn, K. I. Melkov. Tsvet. met. 30 no. 5:75-79 My '66.

- Effect of preheating conditions before hardening and the degree of cold deformation after hardening on the mechanical properties and structure of extruded VAD23 alloy shapes. Z. N. Archakova and others. Alum. splayv. no. 4:57-64 '66.

- Inertia forces during high-speed extrusion. I. U. P. Sogri-shin, A. N. Zhuchenko, V. I. A. Moroz. Kuz.-shtam. proizv. 8 no. 5:6-12 My '66.

- Investigating extruded shapes and panels from the D20 alloy. O. A. Romanova, Z. N. Archakova, N. I. Vasil'eva. Alum. splayv. no. 4:49-56 '66.

- Manufacture of extruded semifinished products from the VAD23 alloy. K. N. Mikhailov and others. Alum. splayv. no. 4:37-48 '66.

- Press forming instead of machining. M. G. Plotkin. Prom. Bel. 9 no. 1:33 Ja '66.

- Studying metalworking lubricants in the hot extrusion of steel. I. U. F. Chernyi, N. D. Zolotukhina, I. D. Pisarenko. Kuz.-shtam. proizv. 8 no. 4:11-13 Ap '66.

- Studying steady, flat, forward extrusion. I. P. Renne, M. N. Tsygina. Kuz.-shtam. proizv. 8 no. 5:12-15 My '66.

- Studying the value of the heat effect in the hot extrusion of certain alloys. L. V. Prozorov and others. Kuz.-shtam. proizv. 8 no. 4:7-10 Ap '66.

EXTRUSION (PLASTICS)

- Stretch forming of sheets during extrusion. M. G. Blum-mental' and others. Plast. massy no. 5:20-32 '66.

- Studying the extrusion of plastics with industrial equipment presently in use. D. D. Riabinin. Khim. mashinost. no. 2:84-92 '65.

EYE—AGING

- Some senile changes in the organ of vision and modern methods for their prevention and treatment. M. G. Rabinovich. Trudy MOIP, Otd. biol. 17:260-263 '66.

EYE—DISEASES AND DEFECTS

- Changes in the visual organ in relation to pregnancy and labor complicated by pre-eclampsia and eclampsia. V. A. Mitukov. Sov. med. 28 no. 9:61-64 S '64.

EYE—TUBERCULOSIS

- Lesions of the eyes in tuberculosis with various localizations of the process. G. F. Tottina. Probl. tub. no. 5: 33-37 '64.

FACE—SURGERY

- New instruments for cosmetic operations on the face. B. S. Bobrov, G. V. Krachinskii, T. V. Styskina. Sov. med. 28 no. 9:87-89 S '64.

FACTORIES—DESIGN AND CONSTRUCTION

- (see also subdivision under Latvia; Tashkent)
- In compliance with the requirements of industrial aesthetics. F. G. Kardash, A. E. Norina. Gidroliz. i lesokhim. prom. 19 no. 4:26 '66.

- In the factory's bureau of industrial aesthetics and high standard work conditions. E. Akhripov. Tokh. est. no. 2:28-29 F '65.

- Interior decoration of the assembly shops of airplane factories. M. Krivchevskii, G. Cherkasov. Tokh. est. no. 2:13-8 F '65.

- Promoting aesthetics in working conditions. P. Klots. Tokh. est. no. 2:28 F '65.

- Standard plan of a shop for potato processing to dry starch. V. S. Alekhina. Sakh. prom. 40 no. 5:62-64 My '66.

FACTORIES—EQUIPMENT AND SUPPLIES

- Convenient for workers and profitable for the industry. L. Lukashenko, I. U. Trushin. Okhr. truda i shta. strakh. 8 no. 3:17-18 Mr '65.

FACTORIES—LIGHTING

- Designing combined lighting in multispans buildings. A. I. Smirnov. Prom. stroi. 43 no. 6:20-22 '66.

FACTORY MANAGEMENT

- Elements of the calculation of optimal planning for workers' stations in the assembly line. A. I. Neimark, V. G. Golova. Trudy LIEI no. 58:166-176 '66.

- Staffing of the new enterprises. P. Ponomarev. Sots. trud. 11 no. 5:137-138 '66.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1965

- "Devoted and selfless." D. Starikov. Okhtabv' 42 no. 5: 217-220 My '66.

FAMILY

- Family and its role in the development of communism. Sov. pedag. 30 no. 4:103-117 Ap '66.

- FAMINES see subdivision under Ukraine

FANS (MACHINERY)

- Elimination of defects in the TS-10 drive. Elek. sta. 36 no. 3:94-95 Mr '65.

- Methodology of the design of a centrifugal blower stage. M. I. Mishchenko. Khim. mashinost. no. 2:44-53 '65.

- Ventilation of mine workings with fans distributed along flexible air ducts. E. M. Krasnitsyn, N. E. Grubskii. Shkht. stroi. 10 no. 4:24-26 Ap '66.

FANS (MACHINERY)—DESIGN AND CONSTRUCTION

- New VTsP-46 high-pressure mine fans. G. A. Babak and others. Shkht. stroi. 10 no. 4:5-7 Ap '66.

- Studying the Ts35-15x2 centrifugal two-way fan. V. A. Stechenko. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:102-107 '65.

FANS (MACHINERY)—ELECTRIC DRIVING

- Controlled electric drive of fans in the main ventilation system of coal mines. V. M. Berlovskii, I. G. Borzjak, B. Kh. Bogopol'skii. Ugol' Ukr. 10 no. 5:34-35 My '66.

FANS (MACHINERY)—TESTING

- Efficiency of pressure and suction fans in mine ventilation systems. S. I. Lugovskii, T. M. Belova, Gor. zhur. no. 5:61-64 My '66.

FAOLITE

- Exhaust pipes of faolite. O. I. Lobov, A. A. Sal'nikov, A. N. Tetlov. Stroi. i arkhit. tsh. 7 no. 5:6-8 My '66.

FAR EAST—PALEONTOLOGY, STRATIGRAPHIC

- Paleontological basis of the Middle Paleozoic stratigraphy of the Far East and Transbaikalia. E. A. Modzilevskaya. Trudy VSEGEI 115:3-12 '65.

FAR EAST—VALLEYS

- Ancient river valleys and their significance for the construction of hydroelectric power stations as revealed by a study made in the Far East and Siberia. L. A. Nikituk. Trudy Leningradsk. 2:80-94 '65.

FAR EAST—WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

- Dubinskii, A. M. [Liberation mission of the Soviet Union in the Far East; from the history of the international relations and the national liberation struggle of the peoples of Eastern and Southeastern Asia during the years of the Second World War] Onvoboditel'naya missiia Sovetskogo Soiuza na Dal'nem Vostoke; iz istorii mezhdunarodnykh otnoshenii, natsional'nno-osvoboditel'noi bor'by narodov Vostochnoi i Ugo-Vostochnoi Azii v gody Vtoroi mirovoi voyny. Moskva, Mysl', 1966. 592 p.

FAR EAST, SOVIET see Soviet Far East

FARFEL', VLADIMIR SOLOMONOVICH, 1904-

- Vladimir Solomonovich Farfel' on his 60th birthday. Fiziol. zhur. 50 no. 10:1302-1303 O '61.

FARM BUILDINGS—DESIGN AND CONSTRUCTION see subdivision under Caucasus, Northern

FARM LIFE see subdivision under Vologda Province

FARM MANAGEMENT

- (see also subdivision under Kattakurganskii District)
- Main point. V. Kravc. Sov. prokhozuy 22 no. 6:14-16 My '66.

FARM MANURE—MICROBIOLOGY

- Survival of anthrax spores during the methane fermentation of farm manure. V. D. Buhinov, O. S. Mikhailova. Trudy VNIIVS 16:157-159 '66.

FARM MECHANIZATION

- (see also subdivision under Azerbaijan)
- Prospects for mechanization. V. Filitsina. Zashch. rast. 11 no. 5:5-6 '66.

- Sylov, I. P. [What are the advantages of overall mechanization in agriculture?] Chto daet kompleksnaya mekhanizatsiia v sel'skom khoziaistvo. Kishinev, Partinnoe izd-vo TsK KP Moldavi, 1964. 17 p. (DNAL)

FARM MECHANIZATION—ACCOUNTING

- Machine accounting for materials in the "Sel'khoztekhnik" branches. V. Skliarenko. Bukhgh. uch. 21 no. 12:55-58 D '64.

FARM PRODUCE—STORAGE

- Physiological and biochemical principles of farm produce storage. V. G. Kocherzhevskii. Izv. AN SSSR. Ser. biol. no. 3:474-478 My-Je '66.

FASHION

- Characteristics of the new fashions. L. F. Turchanovskaya. Shvein. prom. no. 2:17-19 Mr-Ap '66.

ASTENINGS-STANDARDS

U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Thrust spring rings and grooves for the them] Kol'tsa pruzhinye upornye i kanykly dlia nikh. (GOST 9301-59). Izd. ofitsial'noe. Moskva, [Standartgiz] 1960. 24 p. (SSSR. Gosudarstvennye standarty)

T METABOLISM

Effect of a diet with an increased fat content on the enzyme secreting function of the pancreas. L. S. Fonina. Vop. pit. 23 no. 4:34-45. 11-Ag '64.

TEEV, EFIM MIKHAILOVICH, 1890-1965

Em Mikhailovich Fateev; an obituary. Vest. sel'khoz. nauki 10 no. 12:154 D '65.

TTY ACID METABOLISM

Changes in the biosynthesis of fatty acids due to nitrogen deficiency in *Chlorella pyrenoidosa*. G. L. Klachko-Gurvich, T. A. Zhukova. Fiziol. rast. 13 no. 1:15-24. 1-A-F '66.

TTY ACIDS see Acids, Fatty

TTY TISSUE see Adipose tissues

UCETS

All cocks and basic types of their design. P. A. Zhurav, J. M. Kotolevskii, L. I. Eksler. Khim. i nef. mashinostr. no. 5:41-46 My '66.

ULTS (GEOLOGY)

(see also subdivision under Azerbaijan; Chingiztau; Donetsk Basin)

Significance of active faults for hydrotechnical construction. D. P. Prochukhan. Trudy Leningradskogo gos. univ. 2:5-22 '65.

ULTS (GEOLOGY)—CLASSIFICATION

Notice in the comparison and systematization of deep faults. A. I. Svorov. Dokl. AN SSSR 166 no. 2:435-38 My '66.

ES—ANALYSIS

Aluminum content in the external environment and human excreta. A. V. Berdikova. Vop. pit. 23 no. 4:17-20. 1-Ag '64.

ED INDUSTRY

Prodskil, A. G. [Producing fodder yeast from oatmeal crop] Proizvodstvo kormovykh drozhdzhei iz ovsyannogo bardy. Moskva, Pishchevala promyshlennost', 1960. 171 p.

D INDUSTRY—PRICES

Prices and procedures for the sale of combined feeds. P. Prokonov, S. Saprykin. Zakup. sel'khoz. prod. no. 4: 5-58 Ap '66.

D MECHANISMS

Increasing the efficiency and reliability of auto-operators. A. Satei, I. I. Slutskii. Stan. i matr. 37 no. 5:22-24 My '66.

D MECHANISMS—PNEUMATIC DRIVING

Feeder with an individual pneumatic drive. V. S. Marshov, E. P. Shablinskii, A. M. Kuntsevich. Kuz.-strem. prod. 8 no. 4:46-48, 3 of cover Ap '66.

D MILLS

(see also subdivision under Leningrad Province) Full mechanization of swine fattening. A. Iz'urov, V. V. Vldov. Tekh. v sel'khoz. 26 no. 4:23-24 Ap '66.

D MILLS—EQUIPMENT AND SUPPLIES

the farm mechanization promoters. Inform. biul. DNKH no. 5:33 My '66.

DOING

Effect of various amounts of *Azotobacter* cultures on growth and development of ducklings, chicks and mice. V. E. Andreevskaya. Uch. zap. TGPI 60:74 '64.

ING—RESEARCH

Working out the problem of animal feeding. V. K. Dyman. Ist. sel'khoz. nauki 10 no. 12:143-146 D '65.

(see also subdivision under Lithuania)

Enrichment of mixed feeds with chemical elements. Obogasheniye kombinirovannykh khimicheskimi sredstvami. Moskva, Kolos, 1966. 103 p. (DNAL)

Agriculture. Ekon. i zhizn' 6 no. 4:76-77 Ap '66.

S—ANALYSIS

Fluorescence analysis in feed inspection. E. S. Kvaia. Trudy VNIIS 18:389-406 '60.

FEEDS—COMPOSITION

International symposium on the mineral nutrition of plants and animals. A. V. Peterburgskii. Agrokhimia no. 5:154-158 My '66.

FEEDWATER

Determining the salt content of steam. E. Kornilov. Mor. flot 24 no. 1:27-28 Ja '64.

Feeding of boilers with high and medium pressure with highly mineralized water. I. Z. Makinskii and others. Energomashinostroenie 12 no. 4:19-22 Ap '65.

Feedwater quality of marine steam boilers. P. Scholey, E. Maksimova. Rech. transp. 23 no. 2:26-27 F '64. Investigating steel corrosion caused by mineralized feed water in high-pressure boiler units. I. Z. Makinskii, S. A. Logunova. Za tekhn. prog. 4 no. 12:30-31, 42 D '64.

FEEDWATER PURIFICATION

Cationic additional softening of water for diesel locomotives. N. I. A. Kazantseva. Elek. i topl. st. 10 no. 4:17 Ap '66.

Feedwater preparation at refineries. A. Pomykhin. Neftnik 10 no. 5:28 My '65.

Iron compounds in high-pressure boilers. G. M. Ivanova. Elek. sta. 37 no. 3:17-19 Mr '66.

Operation of a H-OH ion exchange filter with 300 L/hr. productive capacity. A. A. Gromoglasov, V. A. Golubtsov. Elek. sta. 36 no. 3:25-28 Mr '65.

Protection of high-pressure boilers from nitrite corrosion by treating feedwater with hydrazine. I. L. Tomakh. Elek. sta. 36 no. 3:19-21 Mr '65.

FEMORAL ARTERY—RADIOGRAPHY

Methodology for abdominal aortography and femoral arteriography. V. S. Bobotnikov, P. P. Avramichin, I. I. Rushanov. Vest. rent. i rad. no. 2:21-23 '64.

FEMUR—FRACTURE

Compression osteosynthesis of infected femoral fractures: experimental study. P. P. Zhukov, V. S. Abushenko, D. N. Skripnik. Vest. khir. 96 no. 4:110-114 Ap '66.

FENNOSCANDIA—GEOLOGY, STRATIGRAPHIC

Interglacial and interstadial sediments of Fennoscandia. L. R. Serebrianyi. Blul. kom. chetv. per. no. 32:108-114 '66.

FENNOSCANDIA—GLACIAL EPOCH

Interglacial and interstadial sediments of Fennoscandia. L. R. Serebrianyi. Blul. kom. chetv. per. no. 32:108-114 '66.

FERGANA—BOOKSTORES

Book House in Fergana. Stroitel'no-izdat. Uzb. 7 no. 3: 21-22 Mr '66.

FERGANA—REINFORCED CONCRETE CONSTRUCTION—FORMWORK

Effectiveness of the method of preheated casting of products at housing construction enterprises. L. G. Ruderman, D. D. Shemshukin. Stroitel'no-izdat. Uzb. 7 no. 3:34-36 Mr '66.

FERGANA PROVINCE—COKE

Fergana coke. Stroitel'no-izdat. Sred. Az. 1 no. 7:6-7 Ji '64.

FERGANA PROVINCE—WATER, UNDERGROUND

Hydrodynamic conditions of deep water-bearing horizons in the Fergana artesian basin. A. N. Sultanhodzhayev. Uzb. gol. zhur. 10 no. 2:3-10 '66.

FERGANA VALLEY—ALFALFA—FERTILIZERS AND MANURES

Effectiveness of fertilizers in cotton-alfalfa crop rotations on salinized soils in the Fergana Valley. M. N. Rozhdonsvenskii. Vitan, dlt. prim. udob. na plod. poch. i prod. savobor. no. 2:282-290 '64.

FERGANA VALLEY—COTTON—FERTILIZERS AND MANURES

Effectiveness of fertilizers in cotton-alfalfa crop rotations on salinized soils in the Fergana Valley. M. N. Rozhdonsvenskii. Vitan, dlt. prim. udob. na plod. poch. i prod. savobor. no. 2:282-290 '64.

FERGANA VALLEY—POLLEN, FOSSIL

Pollen analysis of Quaternary deposits of central Fergana in connection with archaeological research. L. A. Kuprinova. Bot. zhur. 51 no. 2:240-244 F '60.

FERGANA VALLEY—ROCKS, SEDIMENTARY

Conditions governing the formation of Cretaceous red beds in Fergana. N. N. Berzilin. Trudy VSEGEI 129: 90-89 '66.

FERMI SURFACES

Local equations of electrodynamics for superconductors of the London type. V. P. Galenko. Fiz. met. i metalloved. 21 no. 4:496-509 Ap '66.

Phonon spectrum of metals in a magnetic field. A. I. Blank, E. A. Kaner. Zhur. eksp. teor. fiz. 50 no. 4: 1013-1023 Ap '66.

FERRITES see Ferrites (Magnetic materials)

FERRIES

New ferries. Mor. flot 26 no. 4:6 Ap '66.

FERRITE

Ferrites and their use. V. N. Chernyshev. Vest. profitvozr. obr. no. 5:79-84 My '66.

FERRITES (MAGNETIC MATERIALS)

Dynamic magnetic properties of some ferrites-garnets at low temperatures. A. M. Efimova, E. I. Kalacheva. Fiz. tver. tela 8 no. 4:1004-1007 Ap '66.

Effect of small additions of Co²⁺ on ferromagnetic resonance in Ni-Zn-Cr-ferrites subjected to thermomagnetic treatment. N. Z. Mirzayev, V. A. Semkina. Fiz. tver. tela 8 no. 5:1542-1543 My '66.

Effective magnetic fields on SnH₉ nuclei in ferrites-garnets having a compensation point. I. S. Ladinin. Fiz. tver. tela 8 no. 3:643-646 Mr '66.

Ferromagnetic resonance in a uniaxial, single-domain particle of a ferromagnetic material. I. K. Mikhailovskii, B. P. Poljak, O. A. Sokolov. Fiz. met. i metalloved. 21 no. 4:521-528 Ap '66.

Hall effect and Nernst - Ettingshausen effect in ferrites with surplus iron ions. E. P. Seirina, O. A. Blakova, M. A. Melikova. Fiz. tver. tela 8 no. 5:1599-1601 My '66.

Neutron diffraction examination of the magnetic structure of hexagonal ferrites of the system Co₂W. R. A. Sizov, I. I. Ianzh, Dokl. AN SSSR 166 no. 1:90-93 My '66.

Propagation of electromagnetic waves in a ferrite inductor. A. M. Shenderovich. Zhur. tekhn. fiz. 35 no. 10: 1825-1833 O '65.

Q-factors of a nonlinear stage with a magnetically biased ferrite core. A. A. Tudorovskii, N. G. Kharatishvili. Izv. vuz. ucheb. zav. i radiotekh. 9 no. 2:230-241 Mr-Ap '66.

Selection of the material and determination of optimal thickness of the discontinuity element. L. A. Nablav, A. A. Dzavadov, M. Sh. Guseinov. Za tekhn. prog. 6 no. 4:1-3 Ap '66.

Study of certain magnetic properties of nickel-cadmium ferrites. S. A. Potilnikov, E. I. Turkevich. Fiz. tver. tela 8 no. 5:1434-1440 My '66.

Temperature studies of the magnetization of Co-ferrite. V. V. Zubov. Izv. vuz. ucheb. zav. i fiz. 9 no. 2:103-105 '66.

FERRITES (MAGNETIC MATERIALS)—ELECTRIC PROPERTIES

Effect of heat treatment on the electroconductivity of superhigh frequency ferrites on a manganese basis. F. L. Bartashovskii, F. I. Kolomoitsev. Izv. vuz. ucheb. zav. i fiz. 9 no. 2:43-50 '66.

Mechanism underlying the electroconductivity of ferrites. A. P. Nikol'skii. Fiz. tver. tela 8 no. 4:1208-1211 Ap '66.

FERRITES (MAGNETIC MATERIALS)—THERMAL PROPERTIES

Measurement of the thermal characteristics of ferrites. E. P. Naiden, G. A. Red'kina. Izv. vuz. ucheb. zav. i fiz. 9 no. 2:168-169 '66.

FERRITIN

Ferritin and its use in electron microscopic study of viruses. E. I. Mykhalova, I. A. H. Kishko, M. S. Pavluk. Mikrobiol. zhur. 20 no. 3:29-32 '66.

FERROCENE

Cyclization of o-carboxybenzylferrocene. A. N. Nesmetnov, V. D. Vitychevskaya, N. S. Kochetkova. Izv. AN SSSR, Ser. khim. no. 5:930-940 '66.

Electronic effect of ferrocenyl as a substituent. E. G. Perevalova and others. Izv. AN SSSR, Ser. khim. no. 5: 832-839 '66.

FERROCYNANDES

Thermal decomposition of aluminum, scandium, yttrium, and thorium ferrocyanides. G. B. Seifer, Z. A. Makarova. Zhur. neorg. khim. 11 no. 3:1056-1062 My '66.

FERROELECTRIC SUBSTANCES—SPECTRA

Variation of the low-frequency vibrational spectrum of KLi₂PO₄ in a phase transition. M. S. Shur. Fiz. tver. tela 8 no. 4:1207-1209 Ap '66.

FERROELECTRIC SUBSTANCES—THERMAL PROPERTIES

Temperature self-stabilization of ferroelectric ceramics in the BaTiO_3 - SnO_2 system. O.K. Zhukov, S.D. Miltov. *Izv. vys. ucheb. zav. i fiz.* 9 no. 2:151-153 '66.
Thermal properties of the antiferroelectric ceramic $\text{PbMg}_{1/2}\text{W}_{1/2}\text{O}_3$. B.A. Strakov and others. *Fiz. tver. tela* 8 no. 3:972-974 Mr '66.

FERROMAGNETIC RESONANCE

Ferromagnetic resonance in a uniaxial, single-domain particle of a ferromagnetic material. L.K. Mikhailovskii, B.P. Pollak, O.A. Sokolov. *Fiz. met. i metalloved.* 21 no. 4:524-528 Ap '66.
Ferromagnetic resonance in single crystals of the garnet $\text{Bi}_2\text{Ca}_2\text{Fe}_3\text{O}_{12}$. B.M. Lebedev and others. *Fiz. tver. tela* 8 no. 5:1533-1535 My '66.
Line width of ferromagnetic resonance in the ternary system $\text{Y}_3\text{Fe}_5\text{O}_{12}$ - $\text{Ca}_3\text{Fe}_5\text{O}_{12}$ - V_2O_5 . A.N. Ageev. *Fiz. tver. tela* 8 no. 4:1265-1267 Ap '66.
A model of inhomogeneous magnetization in the theory of spin-wave resonance in a thin ferromagnetic film. V.M. Sokolov, B.A. Tavger. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 2:306-313 '66.
Temperature dependence of the line width and resonance field of ferromagnetic resonance in polycrystalline specimens of $\text{Ca}_3\text{V}_2\text{Fe}_5\text{O}_{12}$. A.I. Agranovskaya, N.V. Karlov, B.B. Krynetskii. *Fiz. tver. tela* 8 no. 4:1265-1267 Ap '66.

FERROMAGNETISM

Dynamics of the magnetic polarity reversal in two interacting ferromagnetic plates. G.A. Burtsev. *Defektoskopiia* 2 no. 2:34-37 '66.
Electric resistance of binary ferromagnetic alloys. S.I. Masharov. *Fiz. met. i metalloved.* 21 no. 4:481-486 Ap '66.
Making use of the complex magnetic permeability of a substance in calculating electromagnetic fields in ferromagnetic materials. V.E. Dreizin, V.K. Zhukov. *Defektoskopiia* 2 no. 2:9-13 '66.
Temperature dependence of the Hall effect and the Nernst-Ettingshausen effect in cobalt. A.V. Cheremushkina, R.P. Vasil'eva. *Fiz. tver. tela* 8 no. 3:822-825 Mr '66.

FERROSILICON—ELECTROMETALLURGY

Improved technology in the production of a 90% ferrosilicon. M.A. Byss and others. *Stal'* 26 no. 5:429-432 My '66.

FERTILIZATION OF PLANTS

Characteristics of the fertilization of diploid and tetraploid sugar beets. V.O. Panin, I.A. Shevtsov. *Dop. AN URSR* no. 4:535-538 '66.
Effect of the age of hemp pollen on the quality of hybrid seeds. N.D. Migal'. *Vest. sel'khoz. nauki* 11 no. 2:131-132 F '66.
Problems of the flowering, pollinating, and fertilizing of farm crops. A.P. Gorin. *Vest. sel'khoz. nauki* 10 no. 12:130-142 D '66.

FERTILIZER INDUSTRY

Modern trends in the developments of the world industry of mineral fertilizers. T.P. Unanants. *Agrokhimia* no. 5:146-150 My '66.

FERTILIZER SPREADERS

Fertilizer spreader made of glass reinforced plastics. A. Alekhin. *Tekhn. v sel'khoz.* 26 no. 4:70-71 Ap '66.
RVTs-3, 5 fertilizer spreader. I. Fedoseev. *Tekhn. v sel'khoz.* 26 no. 4:42-43 Ap '66.
Technology of the placement of organic fertilizers. B.A. Shashkov, V.M. Belits, I.P. Nechitalo. *Zemledelie* 28 no. 4:66-74 Ap '66.

FERTILIZERS AND MANURES

(see also subdivision under Ateksandriya District; Golodnaya Steppe; Trans-Ili Alatau)
Action of shelterbelts in the Altai Territory on the effectiveness of fertilizers. S.N. Andrianov. *Khim. v sel'khoz.* 4 no. 5:16-18 My '66.
Complex processing of table salt. Part 5: Preparation of nitrogenous-phosphorous fertilizer by the decomposition of apatite concentrate by ammonium bisulfate. S.S. Karakhanian, G.O. Grigor'yan, R.L. Mirumian. *Izv. AN Arm. SSR. Khim. nauki* 18 no. 6:615-620 '65.
Effect of continuous cultivation and regular use of fertilizers on the content and composition of humus in leached Chernozems. P.S. Koltakova, G.A. Shevchenko. *Agrokhimia* no. 5:27-33 My '66.

For agriculture. *Ekon. i zhizn'* 8 no. 4:76-77 Ap '66.

Improvement and chemicalization of agriculture in the non-Chernozem zone. I. Eichfeld. *Vest. sel'khoz. nauki* 11 no. 4:8-9 Ap '66.

International symposium on the mineral nutrition of plants and animals. A.V. Peterburgskii. *Agrokhimia* no. 5:154-158 My '66.

Methods for cultivating forest soils in the northern taiga zone. A.N. Skolozhova-Goljanovskaya, V.I. Iltis, prim. udob. na plod. poch. i prod. sevoobor. no. 2:3-39 '64.

Necessity of calculating agrometeorological conditions for raising the effectiveness of the action of mineral fertilizers. M.A. Kulik, *Meteor. i gidrol.* no. 5:11-16 My '66.

Peat and its utilization in the agriculture of Siberia. G.N. Blinkov, L.P. Romanova, A.F. Borovkova. *Uch. zap. TGU* 21:3-15 '64.

Peat as fertilizer in crop rotation in the non-Chernozem belt. P.S. Kats. *Vil'nyu. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2:148-177 '64.

Prospects for the development of the production of mineral fertilizers and pesticides. V.N. Antonov. *Khim. v sel'khoz.* 4 no. 5:1-3 My '66.

Sokolovskii, A.A. [Technology of mineral fertilizers] *Tekhnologiya mineral'nykh udobrenii*. Moskva, Khimika, 1966. 304 p.

Wastes of bone charcoal as additional source of phosphoric fertilizers. I.F. Kashchenko. *Sakh. prom.* 40 no. 5: 68 My '66.

FERTILIZERS AND MANURES—RESEARCH

Field experiments with fertilizers in the system of agrochemical service and the use of their results. N.N. Mikhailov. *Khim. v sel'khoz.* 4 no. 5:55-58 My '66.

FETUS

Content of insulin in the blood of the fetus in a diabetic mother. L.L. Liberman. *Biul. eksp. biol. i med.* 58 no. 9:46-49 S '64.
Detection of a new embryonic component in the blood serum of dog fetuses. A.V. Afanas'eva. *Vop. med. khim.* 12 no. 3:327-328 My-Je '66.
Premature function of the fetus as an ontogenic problem. L.I. Gromov, E.A. Savina. *Trudy MOIP. Otd. biol.* 17:87-95 '66.

FEUCHTWANGER, LION, 1884-1958

Rachinskaya, N.N. [Lion Feuchtwanger, 1884-1958] *Lion Feuchtwanger (1884-1958)*. Moskva, Vysshaya shkola, 1965. 84 p. (Sovremennaya zarubezhnaya literatura) (WU)

FEUERBACH, LUDWIG ANDREAS, 1804 or 1805-1872

Marx, Karl, and Friedrich Engels. [Feuerbach. Antithesis of the materialistic and idealistic views; new edition of the first chapter of "German Ideology"] *Feyerbach. Protivopolozhnost' materialisticheskogo i idealisticheskogo vozrenii; novaya publikatsiya pervoi glavy "Nemetskoi ideologii"*. Moskva, Politizdat, 1966. 151 p.

FEVER

Critical notes on B.I. Kadykov and S.I. Lutsinskii's article "Dynamic changes in the temperature of the skin, liver, and rectum in experimental fever." P.N. Veselkin. *Pat. fiziol. i eksp. terap.* 10 no. 2:100-102 Mr-Apr '66.
Dynamic changes in the temperature of the skin, liver, and rectum in experimental fever. B.I. Kadykov, S.I. Lutsinskii. *Pat. fiziol. i eksp. terap.* 10 no. 2:10-14 Mr-Apr '66.
Materials for comparative pathology of pyretic reaction. E.A. Shevel'ko. *Pat. fiziol. i eksp. terap.* 10 no. 2:14-19 Mr-Apr '66.
Skin autograph and its effect on fever in burn disease. L.I. Mitropol'skaya. *Klin. khir.* no. 7:87-88 '65.
Tonus of Lutkens' sphincter in normal conditions and in experimental fever. M.V. Konstantinov. *Biul. eksp. biol. i med.* 58 no. 9:53-57 S '64.

FEVILLEA—CLASSIFICATION

Palynological data on the classification of the tribe Fevilleae Pax of the vine crop family Cucurbitaceae Juss. L.A. Alekhina. *Bot. zhur.* 51 no. 2:244-250 F '66.

FIBERBOARD

Technology and equipment for the manufacture of fiberboard by the dry method. *Der. prom.* 14 no. 3:31 Mr '65.

FIBRINOGEN

Content of fibrinogen in healthy persons of the middle, elderly, and senile ages. N.K. Zor'kina. *Probl. gemat. i perel. krov. i* no. 4:48-49 Ap '66.
Dynamics of the fibrinogen and prothrombin content of the blood during childbirth and the early postpartum period. A.M. Efendieva. *Azerb. med. zhur.* 42 no. 5: 28-32 My '65.

Hypo- and afibrinogenemia and their control. A.G. Karavanov, S.S. Lavrik, T.A. Kutsenko. *Probl. gemat. i pere. krov. i* no. 4:54-55 Ap '66.

FIBRINOLYSINS—THERAPEUTIC USE

Prevention of experimental thrombosis in splenectomized animals by intravenous introduction of fibrinolysin with heparin. B.A. Kudrashov, G.V. Andreev, V.E. Pastorova. *Biul. eksp. biol. i med.* 58 no. 9:39-41 S '64.
Use of fibrinolysin in thrombosis and its effect on some indices of the blood coagulation system; preliminary report. V.L. Ripikhin. *Probl. gemat. i perel. krov. i* no. 4:56-60 Ap '66.

FIBRINOLYSIS

Correlation between the fibrinolytic activity of blood and the development of inflammatory edema of the ear in rabbits. O.IU. Tokarev, L.L. Romanovskaya. *Pat. fiziol. i eksp. terap.* 10 no. 2:82-83 Mr-Apr '66.

Fibrinolysis in hematological clinical aspects. I.D. Orlova. *Probl. gemat. i perel. krov. i* no. 1:18-24 Ja '66.

FIBULA—CANCER

Case of a malignant myxochondroma with metastases into the skeleton. M.S. Tseshkovskii, L.S. Pan'kov. *Vest. rent. i rad.* 41 no. 2:98-100 Mr-Apr '66.

Clinical X-ray characteristics of Ewing's sarcoma of the fibula. F.A. Kharobian. *Zhur. eksp. i klin. med.* 6 no. 1:47-55 '65.

FIELD CROPS

(see also subdivision under Ukraine)

Structure of crop acreage. B.F. Solov'ev. *Zemledelie* 28 no. 4:44-46 Ap '66.

FIELD CROPS—DISEASES AND PESTS

(see also subdivision under Kalach region, Voronezh Province)

Use of antibiotics against wilt. G. Kuz'mina. *Zashch. rast.* 11 no. 4:31 '66.

FIELD CROPS—FERTILIZERS AND MANURES

(see also subdivision under Krasnodar Territory; Lithuania; Ukraine)

Aftereffects of basic fertilizers on leached Chernozems. S.T. Ligon. *Agrokhimia* no. 5:50-63 My '66.

Effect of continuous systematic use of fertilizers on field crops and soil properties. L.S. Liharskaya. *Vil'nyu. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2: 341-399 '64.

Effect of high rates of phosphorus fertilizers on the yield and quality of farm crop seeds. A.IU. Kudacharova. *Agrokhimia* no. 5:43-52 My '66.

Effect of organic and mineral fertilizers, and lime on the yield of some rotation crops in loamy turf-bodzolic soils. V.A. Tulin, T.B. Beus. *Agrokhimia* no. 5: 60-78 My '66.

Full supplementary fertilizers for winter crops. V.I. Baulina. *Zemledelie* 28 no. 4:62-64 Ap '66.

FIELD EMISSION

Emission and adsorption characteristics of the system W-La. N.A. Gorbatyi, S. Khashimova. *Fiz. tver. tela* 8 no. 5:1441-1446 My '66.

FIELD EXPERIMENTS

Evaluation of weeds in field experiments. V.A. Alabushov. *Vest. sel'khoz. nauki* 11 no. 2:111-114 F '66.
Field testing of scientific recommendations. Z.I. Pakhtusov. *Vest. sel'khoz. nauki* 11 no. 4:10-20 Ap '66.

FIELD ION MICROSCOPE

Studying the emission properties of germanium on various faces of tungsten single crystals. N.V. Milyshkina, I.L. Skolot'nikin, L.R. Klin. *Fiz. tver. tela* 8 no. 5:1390-1393 My '66.

FIELD MICE

(see also subdivision under Kazakhstan; Yugoslavia)

New data on the biology and taxonomic position of *Peromyscus schaposchnikovi* Satunin, 1901. N.N. Vorontsov. *Zool. zhur.* 45 no. 4:619-623 '66.

FIELD THEORY

Elementary theory of maximal normalized fields. Part 2. I.U. Ershov. *Alg. i log.* 5 no. 1:5-40 '66.
External linear measures and Hartogs' theorem in certain normalized fields. M.Sh. Stavskii. *Mat. zhur.* 70 no. 1:113-131 My '66.

FIGWORT

Cytomorphological and cytochemical observations on the cell nuclei of some representatives of the figwort family. V.L. Ryzhkov. *TSitologiia* 6 no. 4:405-414 Ji-Ag '64.

FILLERS (CHEMICAL TECHNOLOGY)

Carbonate rocks as fillers for cement. A.S. Panteleev, V.M. Kolbasov, E.S. Savina. *Trudy MKIIT* no. 45: 19-24 '64.

FILLERS (CHEMICAL TECHNOLOGY) (Continued)

Production of fibrous rubber compound fillers from the wastes of rubberized cord. G.K. Demidov, N.I. Sergeeva. *Kauch. i rez.* 25 no. 5:44-46 '66.

Use of cements with carbonate microfillers in the production of asbestos cement materials. A.S. Panteleev, V.M. Kolbasov. *Trudy MKHTI* no. 45:9-18 '64.

FILMS (CHEMISTRY)

Experimental unit for studying heat transfer in the film flow of fluids. I.I. Chernoby'skii, I.U. M. Tatarskii, E.G. Vorontsov. *Khimiya maslinnitsy* no. 2:125-131 '65.

Thickness and structure of black films. P.M. Kruglikov, P.R. Taube. *Dokl. AN SSSR* 168 no. 1:146-148 My '66.

FILMSTRIPS

An automatic device tells and shows. I.U. Znamenskiy, Gruzhd. av. 23 no. 6:27 Je '66.
Using the technical means of propaganda. L. Chashko. *Komm. Ukr.* 40 no. 5:64-68 My '66.

FILM THEORY

Optimization of the amplitude-phase characteristic of a pulse system. M.S. Cheskov. *Trudy MIT* no. 21:120-133 '65.

Synthesis of an optimal system for phase synchronization in the presence of noise using the generalized integral criteria method. E.S. Elinson, A.S. Larionov. *Radio-tekhnika i elektronika* 11 no. 5:803-810 My '66.

FILTERS AND FILTRATION

Aerodynamics of moving and fixed layers at high rates of filtration. V.V. Chukin, R.F. Kuznetsov. *Inzh.-fiz. zhurn.* 10 no. 5:638-643 My '66.

Dependence of the nonuniform distribution of properties in height of ceramic metal filtering elements on the technology of their manufacture. B.F. Shkibaev. *Porosh. met.* 6 no. 5:74-79 My '66.

Filters. B.N. Borisoglebskiy. *Khimiya nefti, mashinostroyeniya* no. 5:24-29 My '66.

Filters from ultrafine glass fiber used in phytoplankton filtration. A.F. Vengrenovskiy. *Gidrobiol. zhurn.* 2 no. 2:55-57 '66.

Filtration of hydrogenated fats in hermetic filter presses. B.N. Chubinskoy. *Maslo-zhir. prom.* 32 no. 4:37-38 Ap '66.

Methods for determining the specific resistance of filtration precipitate. V.A. Zhuzhikov. *Khimiya nefti, mashinostroyeniya* no. 3:20-31 Mr '66.

New filters for fine oil cleaning. M.I. Borisov, G.K. Ziller, V.V. Martazhin. *Ekspl.-tekhn. svyazi, prim. avt. top., smaz. mat. i spetszhid.* no. 4:110-117 '66.

Studying the filtration of fibrous suspensions. B.A. Gerasimov. *Khimiya maslinnitsy* no. 2:145-152 '65.

Testing the performance of gravel filters in the work with textile dust. N.D. Khomutskiy, N.V. Bulavina, N.F. Makarova. *Izv. vuz. ucheb. zav. i tekhn. tekhn. prom.* no. 2:32-36 '66.

Turovskiy, I.S. [Use of drum vacuum filters for the dewatering of sewage water residues] *Obezvozhivaniye osadkov stochnykh vod na barabannykh vakuum-filtrakh*, Moskva, Stroizdat, 1966. 178 p.

FINANCE

(see also subdivision under France; Kenya; Tanzania; Uganda)

[Financing of the national economy] *Finansirovaniye narodnogo khozyaystva*, Moskva, Finansy, 1966. 302 p.

FINANCE—CONGRESSES

Meeting with the managers. *Dan. i kred.* 24 no. 5:92-93 My '66.

FINANCE—PERIODICALS

Meeting of the department. *Dan. i kred.* 24 no. 5:94-95 My '66.

FINANCIAL STATEMENTS

For the high quality of annual reports. S. Kozhukh. *Bukh. uch. i sl.* 21 no. 12:16-17 D '64.

FINGERS—ABNORMALITIES AND DEFORMITIES

Morphological substantiation of the methods for treating Dupuytren's contracture. G.I. Lavracheva, Sh. Sh. Khamraev. *Khirurgiya* 42 no. 2:147-151 F '66.

FINISHES AND FINISHING

(see also subdivision under Zaporozh'ye)

Comprehensive mechanization of finishing operations. M. Zaikovaty. *Stroi. i arkhit.* 14 no. 4:23-25 Ap '66.

FINLAND—ROOFING

Rolled roofing materials in Finland. N.I. Shteyn, T.I. Rongonen. *Stroi. mat.* 12 no. 4:39-40 Ap '66.

FINNO-UGRIAN STUDIES

Eleventh All-Union Conference on Finno-Ugric Studies. A.P. Paolusov. *Izv. AN SSSR. Ser. lit. i jaz.* 25 no. 2:175-177 Mr-Apr '66.

International Forum of Finno-Ugric scholars. I.U. S. Eliseev. *Izv. AN SSSR. Ser. lit. i jaz.* 25 no. 2:178-179 Mr-Apr '66.

FIR see subdivision under Siberia; Transcarpathia

FIRE ENGINES

Coordination of the parameters of automobile engines and fire pumps. A.S. Nechev. *Pozh. tekhn.* no. 6:75-83 '66.

FIRE ENGINES—FUEL CONSUMPTION

Methodology for determining fuel consumption norms for fire engines. N.M. Dzikan, V.L. Sokolov. *Pozh. tekhn.* no. 6:84-90 '65.

FIRE ENGINES—PARTS

Improving the efficiency of gas jet vacuum systems. N.M. Isayev. *Pozh. tekhn.* no. 6:91-100 '65.

FIRE ENGINES—TESTING

Studying the performance of fire engines under alarm call conditions. N.M. Dzikan, B.A. Maksimov. *Pozh. tekhn.* no. 6:50-65 '65.

FIRE EXTINCTION

Use of construction and agricultural machinery in fire extinction. N.D. Shebeko. *Pozh. tekhn.* no. 6:15-49 '65.

FIRE EXTINCTION—CHEMICAL SYSTEMS

Automatic fire extinction by means of mechanical air foam. O.M. Kurbatskiy, A.F. Ivanov. *Pozh. tekhn.* no. 6:13-14 '65.

FIRE EXTINGUISHERS—TESTING

Experimental unit for studying the prevention of explosions in fuel and air mixtures in enclosed vessels. I.U. IA. Egilt. *Pozh. tekhn.* no. 6:102-111 '65.

FIRE SPRINKLERS

Inertia conditions of automatic water extinction systems. E.N. Ivanov. *Pozh. tekhn.* no. 6:66-74 '65.

FIREBRICK

Changes in the properties of unburned magnesite brick with a resin bond under the effect of unilateral coking calcination. A.A. Pirogov, N.V. Volkov. *Ogneupory* 31 no. 4:18-21 '66.

Intensifying the firing of dinas brick in gas chamber kilns. I.P. Tsihin, I.D. Sizov. *Ogneupory* 31 no. 5:29-33 '66.

Production of light-weight chamotte refractories by vibration molding and gas bloating. I.U. I. Gorlov, Sh. E. Omarov. *Vest. AN Kazakh. SSR* 23 no. 4:47-49 Ap '66.

Production of unfired products with a resin bond. V.I. Pogorelyi and others. *Ogneupory* 31 no. 5:12-17 '66.

FIREBRICK—THERMAL PROPERTIES

Polymorphic transformation of cristobalite in the presence of titanium dioxide. B.A. Sukharovskiy, S.V. Lysak. *Ogneupory* 31 no. 5:53-58 '66.

FIREPROOFING

Manufacture of fire-resistant viscose and polyacrylonitrile fibers. Z.A. Rogovin and others. *Khimiya volokn.* no. 3:27-30 '66.

FISH, CANNED

Canning of herring and sprat in butter, flavored with liquid smoke. I.I. Lapshin, T.G. Rorina. *Ryb. khoz.* 42 no. 4:63-66 '66.

FISH, DRIED

Mechanized production of cured fish. E. Studentsova. *Ryb. khoz.* 42 no. 3:64-67 '66.

FISH CULTURE

(see also subdivision under Azerbaijan; Kazakhstan; Siberia; Western)

Release of young pink and chum salmon from hatcheries. S.P. Volovik. *Ryb. khoz.* 42 no. 4:13-14 '66.

FISH CULTURE—EQUIPMENT AND SUPPLIES

Industrial testing of a tray incubator. E.M. Kokhanakata. *Ryb. khoz.* 42 no. 3:13-15 '66.

FISH OIL

Determining unsaponifiable elements in fish and sea mammal fats. F.M. Rzhavskaya, M.A. Alekseeva. *Ryb. khoz.* 42 no. 4:66-67 '66.

Effect of micro-organisms on the hydrolysis of fish oil. L.N. Smolina. *Ryb. khoz.* 42 no. 3:67-68 '66.

FISH POPULATIONS see subdivision under White Sea region

FISH PROCESSING PLANTS

More attention to the exchange of advanced experience. B. Remennikov, R. Pinkhasevich. *Ryb. khoz.* 42 no. 3:81 '66.

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

(see also subdivision under Zhdanov)

Edel'shteyn, I.L. [Principles of automation and control and measuring instruments in the fish processing industry] *Osnovy avtomatizatsii i kontrolya v rybnoy promyshlennosti*. Moskva, Pishchevaya promyshlennost', 1965. 263 p.

Mechanized line for herring processing. V.S. Kulenk. P.A. Borisov. *Ryb. khoz.* 42 no. 3:63-64 '66.

Mechanized production of cured fish. E. Studentsova. *Ryb. khoz.* 42 no. 3:64-67 '66.

FISHERIES

(see also subdivision under Atlantic Ocean; Bering Sea; Equatorial Current; Goryev Province; Kamchatka; Kuybyshev Reservoir; Riga; Ural'sk Province)

Brief news. *Ryb. khoz.* 42 no. 3:90-92 '66.

Competition in honor of the 23d Congress of Lenin's Party. *Ryb. khoz.* 42 no. 3:2-3 '66.

International relations in the field of fishery research and the fishing industry. *Ryb. khoz.* 42 no. 4:83-91 '66.

Slutskiy, B.Z. [Preserving fishery resources] *Nastroyeniye rybnogo bogatstva*. Moskva, Pishchevaya promyshlennost', 1965. 57 p.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—RESEARCH see subdivision under Soviet Far East

FISHERMEN see subdivision under Soviet Far East

FISHERY LAW AND LEGISLATION

International relations in the field of fishery research and fishing industry. *Ryb. khoz.* 42 no. 3:87-89 '66.

FISHERY PRODUCTS

New method of preparing food products from fish waste. P.I. Andrusenko. *Ryb. khoz.* 42 no. 3:73 '66.

FISHERY PRODUCTS—STANDARDS

Russia (1923- S.S.S.R.) *Komitet standartov, mer i izmeritel'nykh priborov*. [Fish and fishery products; auxiliary materials] *Ryba i ryboprodukty; vopromogatelye materialy*. Izd. offtal'nogo. Moskva, Izd-vo Standartov, 1966. 352 p. (SSSR. Gosudarstvennyye standarty)

FISHERY PRODUCTS INSPECTION

Change in the histological picture of muscular tissue in the process of fish spoilage. I.I. A. Poldak. *Trudy VNIIVS* 16:223-227 '66.

FISHES

(see also subdivision under Volga Delta; Volga River; White Russia)

Effect of phenol sewage on the taste and smell of fish. V.I. Lukhanenko. *Ryb. khoz.* 42 no. 3:10-11 '66.

Russia (1923- S.S.S.R.) *Komitet standartov, mer i izmeritel'nykh priborov*. [Fish and fishery products; auxiliary materials] *Ryba i ryboprodukty; vopromogatelye materialy*. Izd. offtal'nogo. Moskva, Izd-vo Standartov, 1966. 352 p. (SSSR. Gosudarstvennyye standarty)

FISHES—DISEASES AND PESTS see subdivision under Kazakhstan

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD

Cultivation of herbivorous fish on rice fields. I.N. Hdziaev, T.V. Chesnokova. *Ryb. khoz.* 42 no. 3:19-20 '66.

Significance of food in the mixed nutrition of sturgeon. R.V. Afonich. *Ryb. khoz.* 42 no. 4:20-21 '66.

FISHES—PARASITES see Parasites—Fishes

FISHING—EQUIPMENT AND SUPPLIES

Electroacoustic method of studying traction properties of operational mechanisms in seine-hauling machines. S.I. Polak. *Ryb. khoz.* 42 no. 3:42-46 '66.

Flashing signal lights for various fishing types. I.U. I. Rykhovskiy. *Ryb. khoz.* 42 no. 3:30-41 '66.

Method of joining floats from foamed plastic. G.G. Gribchenko. *Ryb. khoz.* 42 no. 3:48 '66.

Seine-hauling machines. V.N. Churumov. *Ryb. khoz.* 42 no. 3:35-36 '66.

FISHING BOATS

Combine for collecting Abneltin. G.N. Magdeburv. *Ryb. khoz.* 42 no. 3:37-39 '66.

Planning commercial fishing fleet work. I.U. V. Korotkov. *Ryb. khoz.* 42 no. 4:77-78 '66.

FISHING BOATS—EQUIPMENT AND SUPPLIES

Motor seiner with seine-hauling equipment. E. P. Novozhilov, V. N. Churinov. Ryb. khoz. 42 no. 4:40-49 '66.

FISHING BOATS—HYDRAULIC EQUIPMENT

Chukhontsev, A. M. [Use of hydraulic drives in fishing and deck mechanisms]. Primenenie gidravlicheskiy privodov v promyslovyykh i palubnykh mekhanizmkh. Moskva, Pishchevaya promyshlennost', 1965. 108 p. (Tekhnika rybolova)

FISHING BOATS—MAINTENANCE AND REPAIR

Scientific basis for ship repair organization. Taktarov, Ryb. khoz. 42 no. 4:79-80 '66.
Some problems of unit and assembly repair of vessels. S. I. Shraiber. Ryb. khoz. 42 no. 4:37-39 '66.

FISHING NETS

Combined seine for lake fishing. E. I. Konoplev. Ryb. khoz. 42 no. 4:53-55 '66.
Effect of cotton thread structure on the slip knot in drift nets. F. A. Volkova. Ryb. khoz. 42 no. 3:34 '66.
How to increase the effectiveness of drift nets as exploratory fishing gear. I. U. B. Rudovich. Ryb. khoz. 42 no. 4:40-41 '66.

FISHING NETS—HYDRODYNAMICS

Electrolensometric method of studying traction properties of operational mechanisms in seine-hauling machines. S. I. Polutak. Ryb. khoz. 42 no. 4:42-46 '66.

FISHPONDS see subdivision under Latvia

FISTULA

Preoperative X-ray diagnosis of congenital median cervical cysts and fistulae in children. I. U. B. Bogdanov, E. B. Badanova. Vest. rent. i rad. no. 2: 56-59 '64.

FISTULA, BRONCHIAL

Clinicopathological characteristics of bronchial fistulae following pneumonectomy in tuberculosis. L. K. Bogush and others. Probl. tub. no. 7:12-16 '65.

FLAME

Hydrodynamic stability of a spherical flame. A. G. Istratov, V. B. Litrovich. Dokl. AN SSSR 168 no. 1: 43-46 My '66.

FLAME PHOTOMETRY

Absorption flame photometric determination of rubidium. S. B. Meshkova, I. U. V. Zelikova, N. S. Poluektov. Zhur. anal. khim. 21 no. 4:405-410 '66.

Determination of cesium in the urine by the flame photometry method. I. U. F. Kovalev. Lab. delo no. 4:213-214 '66.

Method of flame photometry and the possibilities of its use in pharmaceutical analysis. N. T. Bubon. Apt. delo 15 no. 2:73-77 My '66.

FLAME PROJECTORS (AGRICULTURAL MACHINERY)

Use of the LSD-3 hydraulic flame projector for disinfecting wooden and brick surfaces, contaminated with parasitic eggs, *Strongylus equinus* larvae, and swine ascarid eggs. V. D. Bubnov, B. A. Nikol'skii. Trudy VNIIVS 18:160-163 '60.

FLASHLIGHT PHOTOGRAPHY see Photography, Flashlight

FLAVONOIDS

Isolation and chemical study of flavonoids from the leaves of hawthorn *Crataegus curvisepala* Lindm. V. S. Batiuk. Farmatsev. zhur. 19 no. 2:47-50 '64.

Phytochemical study of the herb of the spurge *Euphorbia palustris*. Report No. 1. O. M. Sotnykova, R. K. Chagovets'. Farmatsev. zhur. 20 no. 3:58-61 '65.

Preliminary analysis of some *Astragalus* species for the presence of flavonoids. L. I. Derlukina. Farmatsev. zhur. 20 no. 3:62-65 '65.

Study of the flavonoid composition in some plants of the Northern Caucasus. V. A. Bandukova, N. V. Sergiyeva, H. L. Shynkarenko. Farmatsev. zhur. 19 no. 2:40-44 '64.

FLAVONOIDS—THERAPEUTIC USE

Effect of some flavonoid compounds on the formation of experimental stomach ulcers in rats. G. V. Obolentseva, I. A. I. Khadzha. Biol. eksp. biol. i med. 58 no. 9:86-88 '64.

FLAX

(see also subdivision under Brest Province)

Evaluation of agrometeorological conditions for the formation of a flax crop. L. V. Andrianova. Meteor. i gidrol. no. 5:39-42 My '66.

FLAX INDUSTRY—PRODUCTION STANDARDS

Technological indices of retted straw utilization in flax processing plants. D. E. Kubashov. Tekst. prom. 26 no. 5:44-47 My '66.

FLEA BEETLES—EXTERMINATION see subdivision under Kazakhstan

FLEXURE

Taking flexure into consideration when calculating roof trusses. I. Belinskii. Prom. stroi. i inzh. soor. 5 no. 8:33-35 N-D '63.

FLIES see subdivision under Estonia

FLIES—IDENTIFICATION

Differential identification of the larvae of flesh flies. O. V. Rybaitovskii, I. V. Orlov. Trudy VNIIVS 16: 41-49 '60.

FLIES AS CARRIERS OF DISEASE

Myiasis infestation of sheep in the Kalmyk A. S. S. R. caused by *Wohlfahrtia magnifica*. V. I. Ternovoi, K. P. Andreev. Trudy VNIIVS 16:15-21 '60.

FLIGHT, UNPOWERED see Gliding and soaring

FLINT see subdivision under White Russia

FLOOD FORECASTING see subdivision under Desna River; Ukraine

FLOODS—ELECTROMECHANICAL ANALOGIES

Studying the transformation of flood discharge on electric models. V. I. Kozlovskii, R. I. A. Tsyganov. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 2:111-114 '66.

FLOORS

Electric conductivity of the floors of industrial buildings. V. N. Shukhov, V. P. Sitnikov, O. I. Starostina. Prom. stroi. 43 no. 5:38-39 '66.

Industrial floors. M. Panashuk. Zhil. stroi. no. 0:8-10 '64.

Principal requirements for floors of school buildings. S. K. Sarkisov. Stroi. i arkh. Uzb. 7 no. 3:6-10 My '66.

FLOORS, CONCRETE

Prestressed panels for floors. E. E. Zadenets and others. Prom. stroi. 43 no. 5:30-32 '66.
Using combined prestressed flooring. A. Burakov, P. Krivosheev. Prom. stroi. i inzh. soor. 6 no. 4:26-30 Ji-Ag '64.

FLORICULTURE

Veski, Ena. [Some results of growing carnations and roses in hydroculture]. Nekide ja rooside hüdrokultuuris kasvatamise tulemusi. Tallinn, Eesti NSV Teaduste Akadeemia, 1965. 88 p. [In Estonian] (DNL)

FLORISTS see subdivision under Moscow

FLOTATION

Effect of pulp density on the flotation of pyrites. A. A. Golikov, N. A. Mashkovtseva. TSvet. met. 30 no. 5:14-16 My '66.

Equation for the statistical dynamics of flotation processes. V. I. Molikh. Obog. rud. 11 no. 1:26-28 '66.

Flotation of bismuth minerals. V. A. Glembovskii, E. S. Sokolov, P. M. Solozhenkin. Dokl. AN Tadzh. SSR 9 no. 4:23-27 '66.

Interaction of particles in pulp during flotation. I. I. Maksimov, V. I. A. Khaiman. Obog. rud. 11 no. 1:22-26 '66.

Kisilakov, L. D., and others. [Flotation of the copper-zinc and copper ores of the Urals]. Flotatsiya medno-tsinkovykh i mednykh rud Urala. Moskva, Nedra, 1966. 388 p.

Selective flotation of iron from solutions. K. A. Razumov, G. V. Il'yevskaya, T. F. Poltoranina. Obog. rud. 10 no. 8: 14-18 '65.

Vibration treatment of pulp for flotation. S. Sloev, G. Zhilov. TSvet. met. 30 no. 5:13-14 My '66.

FLOTATION—EQUIPMENT AND SUPPLIES

Action of low-molecular fatty acids during the flotation of cassiterite, tantalite and garnet. V. I. Zhavoronok, S. I. Pol'kin. Obog. rud. 11 no. 1:12-14 '66.

Depressing action of sodium zincate upon sphalerite. Val. A. Konev, V. A. Konev, K. A. Razumov. Obog. rud. 11 no. 1:4-9 '66.

Effect of gamma rays on the flotation properties of anion-type collector reagents. A. T. Lobachev and others. TSvet. met. 30 no. 5:19-21 My '66.

Flotation of phosphate ores with synthetic anion collectors. E. Y. Danilova, S. I. Gorlovskii. Obog. rud. 11 no. 1: 20-22 '66.

Influence of the alkalinity of a solution on the surface conditions of chalcopyrite. A. A. Abramov. Obog. rud. 10 no. 8:42-45 '65.

Iron compounds with sulfide ions as flotation reagents. V. A. Konev. Obog. rud. 11 no. 1:15-17 '66.

Preliminary processing of collectors in an electric field. M. I. Shevliakov, S. P. Kuz'kin. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:3-7 '66.

Separation of chalcopyrite-zinc products using iron sulfate and sodium sulfite. L. R. Debravina, P. G. Khadzhiev. Obog. rud. 10 no. 6:3-9 '65.

Studying the interaction of genthivite, microcline, and biotite with flotation reagents by the method of infrared spectroscopy. N. F. Filimonov, S. P. Kuz'kin, V. I. Solovishkin. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:8-14 '66.

Using the nephelometric method for the quantitative determination of oleic acid. S. I. Pol'kin, L. I. A. Shubay. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:15-17 '66.

FLOUNDERS see subdivision under Kamchatka

FLOWERING OF PLANTS see Plants, Flowering of

FLOWERS—COLLECTION AND PRESERVATION

Flowers continue to live. M. F. Lorentsevich. Nuch. shkola 34 no. 5:76-78 My '66.

FLOWMETERS

Protecting the balancing circuit of a self-compensating electromagnetic flowmeter against leakage currents. E. G. Abarinov. Izv. vys. ucheb. zav.; prib. 9 no. 2:21-25 '66.

Use of electrodynamic similarity in solving problems concerning nonimpiling calibration of induction flowmeters. I. D. Vol'k. Mag. gidr. no. 1:46-49 '66.

FLUE GASES

Nomogram for determining the absolute humidity of blast furnace gas. E. V. Toropov, L. I. Kasha. Metallurg 11 no. 5:12-13 My '66.

FLUID DYNAMICS

Analyzing the sources of errors in temperature measurement in a flow, and methods for their accounting and elimination. Z. I. A. Kozanevich. Khim. mashinostr. no. 2:102-100 '65.

Equations of the conservation of energy in the flow of a compressible liquid in a porous medium. P. I. Zolotarev. Izv. AN Azerb. SSR, Ser. geol.-gong. nauk no. 6:39-54 '64.

Experimental investigations of gas-liquid systems with liquid phase evaporation. A. I. Stepanov, V. M. Karimov. Mash. i nef. obor. no. 4:31-37 '66.

Fluid flow toward a well in the presence of two lawn on flow. L. M. Gadzhiev. Azerb. naft. khoz. 45 no. 4: 21-23 Ap '66.

Investigating the dynamics of parallel fluidized channels. V. I. Budnikov, A. V. Serdjievskii. Inzh.-fiz. zhur. 10 no. 5:632-637 My '66.

Stable equilibrium on the axis of a cylinder in a rotating volume of fluid. E. A. Nikitin. Izv. vys. ucheb. zav.; prib. 9 no. 2:107-111 '66.

Steady tangential flow of a viscoplastic fluid in an annular gap. G. L. Shved. Prikl. mekh. 2 no. 5:108-114 '66.

Using the method of I. N. Vekua in solving the Osenn equations. E. V. Brulatskii. Prikl. mekh. 2 no. 5: 102-107 '66.

FLUID MECHANICS

Fridman, A. A. [Selected works] Izbrannyye trudy. Pod red. L. S. Potkina. Moskva, Nauka, 1966. 402 p. (Klassiki nauki)

Theory of the jet screen. O. S. Tsel'nik. Trudy MIT no. 22:46-63 '65.

FLUIDIZATION

Determining the speed of solid particles in a fluidized bed by means of the tagged atom method. A. A. Akhromenkov, A. S. Kruglov. Inzh.-fiz. zhur. 10 no. 5:640-652 My '66.

Elements of bubble cap gas distributing systems. V. E. Kozin, A. P. Baskakov. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:137-143 '66.

Expansion of beds and entrainment of particles in the fluidization of granular material in the field of centrifugal forces. N. I. Gid'perin and others. Khim. i nef. mashinostr. no. 5:5-9 My '66.

Intensifying the roasting of nickel concentrates in a fluidized bed. A. F. Asat'ev. TSvet. met. 30 no. 5:34-37 My '66.

Work of downcomerless sieve plates in apparatus with a fluidized bed. I. I. Shishko, K. N. Shabalov. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:132-136 '66.

FLUOBORITE

(see also subdivision under Transbaikalia)

Analysis of the paragenesis of fluoborite. G. N. Gramenetskii. Geol. rad. mestorozh. 8 no. 1:16-23 Ja-F '66.

FLUORESCENCE

Method for the differential extinction of the parafluorescence of cocci in preparations stained with pertussis and parapertussis fluorescent sera. E. R. Berezinskaya. Zhur. mikrobiol., epid. i immun. 41 no. 3:71-74 Ag '64.

Phytofluorometer. S. Andreev, V. Lanetskii, Zaashch. rast. 11 no. 4:39-40 '66.

Use of fluorescence analysis in feed inspection. E. S. Kvashina. Trudy VNIIS 16:389-406 '60.

FLUORESCENCE MICROSCOPY

Study of X- and Y-viruses of potatoes by fluorescence microscopy method. S. M. Moskovets, I. P. Zhuk. Mikrobiol. zhur. 28 no. 3:19-24 '66.

Use of fluorescence microscopy method in studying phytopathogenic viruses. I. P. Zhuk. Mikrobiol. zhur. 28 no. 3:82-85 '66.

FLUORESCENT LAMPS

Operation of glow-discharge starters. G. D. Grishin. Svetotekhnika 12 no. 5:22-23 My '66.

Starterless regulators for 80-watt fluorescent lamps. Svetotekhnika 12 no. 5:28-29 My '66.

FLUORESCENT LIGHTING

Experience in the use of fluorescent lamps in lighting classrooms. R. I. Pashkovskii. Svetotekhnika 12 no. 5:13-15 My '66.

FLUORIDES

Reaction of boric anhydride with barium and lithium fluorides. S. I. Berul', I. N. Nikonova. Zhur. neorg. khim. 11 no. 4:910-915 Ap '66.

FLUORINE

Effect of fluorine in the production of concentrated phosphate fertilizers. A. A. Sokolovskii. Izv. vys. ucheb. zav. khim. i khim. tekhn. 9 no. 1:76-79 '66.

FLUORINE COMPOUNDS

Synthesis of p-substituted α , β , β -trifluorostyrenes. G. V. Timofeev and others. Dokl. AN SSSR 169 no. 3: 613-614 My '66.

FLUORINE ORGANIC COMPOUNDS see Organofluorine compounds

FLUOROGRAPHY see Diagnosis, Fluoroscopic

FLUOROMETER

Photoelectric underwater fluorometer. G. S. Karabashev. Trudy Inst. okean. 77:110-115 '65.

FLUOROMETRY

Use of pyrazolone derivatives for fluorimetric determination of dysprosium. M. A. Tishchenko and others. Ukr. khim. zhur. 32 no. 5:508-513 '66.

FLUORSPAR

Preparing low-sulfur fluorite concentrates. A. V. Fat'ina and others. TSvet. met. 39 no. 5:6-8 My '66.

FLUOSULFONIC ACID

Kinetics of alkaline hydrolysis of fluosulfonate ion. I. G. Ryss, A. Kh. Drabkina. Khim. i tekhn. 7 no. 2:319-322 Mr-Apr '66.

FLUX (METALLURGY)

Certain special features in the manufacture of the VAD23 alloy. I. Ia. Zaitseman and others. Alum. splavy 4:21-26 '66.

FLY ASH

Making use of burnt clay dust from kilns. P. G. Bolukha. Ogneupory 31 no. 5:16-22 '66.

FLY ASH—TESTING

Examining burnt clay dust from rotary kilns. A. Kh. Kharbush. Ogneupory 31 no. 5:22-27 '66.

FLY CATCHERS see subdivision under Russia, Northwestern

FLYWHEELS

Determining the moment of inertia of a flywheel resulting from forces depending on the position and speed of the driving link. M. I. Milkov. Izv. vys. ucheb. zav. mashinostr. no. 11:14-25 '64.

FOAM

Organization for receiving, storing, and discharging foams in oil tank farms. Z. O. Liandres. Transp. i khran. nefi i nefteprod. no. 2:23-24 '65.

Using foams for increasing the efficiency of flushing sand plugs. N. P. Vasil'eva, V. A. Amlian. Neft. khoz. 44 no. 4:43-48 Ap '66.

FOLDS (GEOLOGY) see subdivision under Apsheron Archipelago; Azerbaijan; Ukraine

FOLIAR FEEDING

Effect of foliar feeding on the translocations of assimilates. A. A. Anisimov, M. S. Kamantina. Agrokhimia no. 5:79-83 My '66.

FOLIC ACID REDUCTASE

Resistance of folic acid reductases of the human blood plasma to antiopterin. N. A. Andreeva, A. V. Sergeev, R. I. Efimova. Dokl. AN SSSR 168 no. 1:204-206 My '66.

FOLK ART see subdivision under Ukraine, Western

FOLK ART—EXHIBITIONS see subdivision under Latvia

FOLK MUSIC see subdivision under Dorozhova (Dryanuk Province)

FOLK SONGS

Ballads. I. Zemstovskii. Sov. muz. 30 no. 4:60-65 Ap '66.

Evsseev, S. V. [Russian folk songs arranged by A. Lindov] Russkie narodnye pesni v obrabotke A. Lindova. Pod red. B. V. Budrina. Moskva, Muzyka, 1965. 80 p. (MII)

FOLK SONGS, BURYAT

Baldnev, S. P. [Buryat folk songs; from the prerevolutionary period] Buriatskie narodnye pesni; dorevolutsionnye. Ulan-Ude, Buriatskoe knizhnoe izd-vo. Vol. 2. 1965. 243 p. [In Buryat]

FOLK SONGS, UKRAINIAN

Syvak, I. A. M. [The songs of Iavdokha Zykha] Pisan' Iavdokhy Zykhy. Zapysev Hnat Tantsura. Kyiv, Naukova dumka, 1965. 609 p. (Ukrains'ka narodna tvorchist', no. 4) [Publ. under her pseud. Iavdokha Zykha]

FOLKLORE, TUNGUS

Akademiya nauk SSSR. Institut etnografii. [Historical folklore of the Evenki legends and oral traditions] Istoricheski fol'klor evenkov; skazaniia i predania. Moskva, Nauka, 1966. 398 p.

FOLKLORE, UKRAINIAN

Berezova'ki, I. P., ed. [Live and learn; Ukrainian folk wisdom] Vsk zhyvy-vik uchys'; ukrains'ka narodna mudrost'. Kyiv, Derzhavchukovo-pedagog. vyd-vo Radians'ka shkola, 1961. 131 p. (NN)

FOLKLORE STUDIES

Tomsk. Gosudarstvennyi pedagogicheskii institut. [Problems of folklore] Voprosy fol'kora. Tomsk, Izd-vo Tomskogo univ., 1965. 159 p.

FOOD—ANALYSIS

Lovachev, L. N., I. P. Salun, and M. S. Kostomykh. [Manual for laboratory and practical work in food analysis] Rukovodstvo k laboratornykh i prakticheskim zaniatiyam po issledovaniu pishchevnykh produktov. Moskva, Ekonomika, 1965. 181 p.

FOOD—MICROBIOLOGY

Occurrence of enteropathogenic Escherichia coli serotypes in the external environment. V. V. Khuzanova. Vop. pit. 23 no. 4:69-72 Ji-Ag '64.

FOOD, CANNED

Development of the technology for the production of canned milk-and-fruit creams. I. A. Radaeva. Trudy VNIIM [Mol.] no. 23:72-74 '65.

FOOD, CANNED—STERILIZATION

Application of mathematical methods in establishing the conditions of canned food sterilization. Nguyen-Van N'yt. Koss. i ov. prom. 21 no. 5:15-18 My '66.

FOOD CONSUMPTION see subdivision under Siberia, Western

FOOD INDUSTRY

(see also subdivision under Kazakhstan; White Russia)

Construction density of food industry enterprises can be increased. B. I. Abramova, S. M. Rotshtein. Prom. stroi. 43 no. 5:10-12 '65.

What "Prodintorg" does for the Soviet consumer. V. Alekseenko. Vnesh. torg. 46 no. 5:20-21 '66.

FOOD INDUSTRY—HYGIENIC ASPECTS

To turn words into deeds. E. Gugin. Okhr. truda i zolz. strakh. 8 no. 3:5-8 Mr '65.

FOOD MACHINERY

Automatic oil sprayer for coating corn sticks. I. E. Ivanov. Koss. i ov. prom. 21 no. 5:22-24 My '66.

FOOD MACHINERY—TECHNOLOGICAL INNOVATIONS

Food and technology. M. G. Lushin. Izobr. i rats. no. 4: 2-4 Ap '66.

FOOD POISONING

Case of food toxoinfection caused by eating compote made from dried fruit. M. G. Likutova, L. D. Pechkistova. Zhur. mikrobiol., epid. i immun. 41 no. 8:117-120 Ap '64.

Diagnostic significance of the Widal reaction in food poisoning of Salmonella cytology. E. G. Melnik, H. M. Mikhaitova, E. A. Ginzburg. Zhur. mikrobiol., epid. i immun. 41 no. 7:113-117 Ji '64.

Food poisoning caused by Bacillus pyocyaneus. M. S. Torgovitskaya, E. A. Kozlov. Zhur. mikrobiol., epid. i immun. 41 no. 7:142-143 Ji '64.

Food poisonings caused by enteropathogenic Escherichia coli. E. S. Krasnitskaya, V. I. Bugrova. Zhur. mikrobiol., epid. i immun. 41 no. 7:156-157 Ji '64.

Pasteurella infection of poultry through contaminated feeds. V. G. Zharev, A. A. Poliakov. Trudy VNIIS 16: 151-153 '60.

Two cases of food toxoinfection caused by A type Clostridium perfringens. T. I. Sergeeva, E. P. Zemtshinskaya. Zhur. mikrobiol., epid. i immun. 41 no. 8:1-13, 14 Ap '64.

FOOD SPOilage

Nature of the microbiological spoilage of fresh fruit and vegetables treated with ionizing irradiation. L. P. Koval'skaya, S. V. Silaeva. Koss. i ov. prom. 21 no. 5: 33-38 My '66.

FOOD SUPPLY

(see also subdivision under Azerbaijan)

Rühle, Otto. [Bread for six billion; mankind at the threshold of the third millennium: problems, forecasts, prospects. Translated from the German] Khleb dlia shesti milliardov; chelovechestvo na poroge tret'ego tysacheletia: problemy, prognozy, perspektivy. Pod obshch. red. M. Ia. Lemesheva. Moskva, Progress, 1965. 310 p. (NED)

FOOT

Significance of anatomical characteristics of tendinous bands, chiasm and peduncles of the hand and foot. A. M. Martirosian. Khim. khir. no. 7:63-66 '65.

FOOT-AND-MOUTH DISEASE

Prophylaxis of the foot-and-mouth disease of cattle without vaccination. N. A. Kivoshapkin. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no. 4:96-100 Ji-Ag '64.

Reproduction of a vaccine strain of the foot-and-mouth disease virus in different cell cultures. N. G. Ostbaev. Veterinaria 43 no. 5:17-18 My '66.

FORAGE PLANTS see subdivision under Azerbaijan

FORAMINIFERA see subdivision under Pacific Ocean

FORAMINIFERA, FOSSIL see subdivision under Azerbaijan; Russian Platform; Turkmenistan; Ukraine

FORCEPS, OBSTETRIC

Immediate results of applying obstetrical forceps for the mother. I. M. Mustafeyev. Azerb. med. zhur. 32 no. 5: 67-71 My '65.

FOREARM—SURGERY

Results of surgical treatment of the pronation and flexion position of the forearm and hand in patients with cerebral spastic paralysis. V. S. Kharachenko, A. T. Marachkin. Vest. khir. 86 no. 4:84-87 Ap '66.

FOREIGN LABOR see subdivision under Ural Mountain region

FORENSIC CHEMISTRY see Chemistry, Forensic

FOREST ECOLOGY

(see also subdivision under Bureya Valley; Ob' Valley; Pukem Valley)

Action of shelterbelts in the Altai Territory on the effectiveness of fertilizers. S. N. Andrianov. Khim. v sel'. khoz. 4 no. 5:16-18 My '66.

Attenuation of solar radiation by the forest canopy depending on weather conditions. V. F. Izotov. Fiziol. rast. 13 no. 1:108-170 Ja-F '66.

Growth of spruce and ecological characteristics of mixed young spruce and hardwood stands. L. H. Kaidin. Izv. vys. ucheb. zav. i les. zhur. 9 no. 1:14-18 '66.

Meichenov, A. A. [Optimal forest coverage; as exemplified by the Central Chernozem Region] Optimal'nai toistost'; na primere TschCh. Moskva, Nauka, 1966. 124 p. (DNAL)

FOREST ECOLOGY—CONGRESSES

Conference on the geography of fructification of forest plants, November 29-30, 1964, in Moscow. N. N. Galinkov, T. T. Trofimov. Bot. zhur. 51 no. 4:820-821 Ap '66.

FOREST FAUNA see subdivision under *Alay Range*;
Trans-Alay Range

FOREST FIRES—PREVENTION AND CONTROL see sub-
division under *Canada*; *United States*

FOREST INSECTS

Insect resistance of trees and the effect of their physiolo-
gical condition on the reproduction of injurious insects.
P. A. Polozhentsev. *Blud. Glav. bot. sada* no. 59:78-83
'65.

FOREST INSECTS—BIOLOGICAL CONTROL

Entobacterin against forest pests. V. Plokhikh. *Zashch.
rast.* 11 no. 1:40-41 '66.

FOREST MANAGEMENT

Forest management in the new five-year plan. I. S.
Metekhov, N. P. Anuchin. *Vest. sel'khoz. nauki* 11
no. 4:17-18 Ap '66.

Makhatadze, L. B., and I. D. Popov. [Forest types in
Transcaucasia; a practical guide for forest managers]
Tipy lesov Zakavkaz'ia; prakticheskoe rukovodstvo dlia
lesoustroitel'ei. Moskva, Lesnaia promyshlennost',
1965. 131 p.
(DNAL)

Metekhov, I. S. [Principal yield cutting] Rubki glavnogo
pol'zovaniia. Izd. 2., ispr. i dop. Moskva, Lesnaia
promyshlennost', 1966. 373 p.
(DNAL)

FOREST PROTECTION

Iurgensov, E. I. [Forester's vademecum; a manual
for workers in forest protection and lower echelon
forestry personnel] Sputnik lesnoi okhrany; posobie
dlia rabotnikov lesnoi okhrany i nizovogo звена
lesnykh spetsialistov. Izd. 2., ispr. i dop. Moskva,
Lesnaia promyshlennost', 1966. 242 p.
(DNAL)

FOREST REPRODUCTION see subdivision under
Bryansk Province

FOREST ROADS

Adhesive properties of road pavement made of soil cement
with surface treatment. P. V. Matveev, A. A. Samikov,
I. G. Shkolenko. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 1:
58-63 '65.

FOREST SOILS see subdivision under *Kamchatka*;
Siberia

FORESTRY RESEARCH

Conference of foresters in Veliko-Anadol'. F. Traven'.
Vest. sel'khoz. nauki 11 no. 2:153-155 F '66.

FORESTS AND FORESTRY

(see also subdivision under *Vietnam, North*)
Sokol'skaya, Zh. M., comp. [Woodcutters of Russia]
Lesoruby Rossii. Moskva, Sovetskaya Rossiia, 1963.
124 p.
(Wau)

FORESTS AND FORESTRY—MENSURATION

Studying the current increment of the present tree stands
according to the method of normal factors of shape.
V. K. Zakharov. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 1:
3-8 '66.

FORESTS AND FORESTRY—VALUATION see subdivision
under *Archangel Province*; *Transcarpathia*

FORGE SHOPS—EQUIPMENT AND SUPPLIES

Automatic presses in forge shops. V. N. Glushkov. *Kuz.-
shtam. proizv.* 8 no. 5:45-46 My '66.
Suspended manipulator for forging shafts. V. G. Sevrluk,
Kuz.-shtam. proizv. 8 no. 4:46 Ap '66.

FORGING

Babenko, V. A., V. V. Bolotov, and I. P. Volk. [Die
forging; atlas of plans and standard designs for dies]
Ob'emyaia shtampovka; atlas skhem i tipovykh
konstruktsii shtampov. [Moskva] Mashinostroenie,
1965. 156 p.

Effect of the forming process flowsheet and the conditions
of heating and homogenizing on the structural strength
of ShKh15 steel. S. G. Cherniavskaya and others.
Kuz.-shtam. proizv. 8 no. 4:17-19 Ap '66.

Feasibility of sectional forging for the manufacture of
railroad wheels. L. V. Prozorov, A. V. Atykys, *Kuz.-
shtam. proizv.* 8 no. 5:42-43 My '66.

Improving the technology of making hollow forgings on
hydraulic and steam-hydraulic presses. V. F. Kasatonov,
G. A. Matrosov, A. G. Saltykov. *Kuz.-shtam. proizv.*
8 no. 4:44-46 Ap '66.

Khrenov, A. D. [Handbook for the young metal worker
in forging and sheet-metal work] Spravochnik molo-
dogo kuznetsa-shtampovshchika. Izd. 2., perer. i
dop. Moskva, Vysshaya shkola, 1966. 298 p.

Making small diameter, thin-walled parts from plastic
and low-plasticity metals. V. N. Korolev. *Kuz.-shtam.
proizv.* 8 no. 5:20-23 My '66.

New method of manufacturing screws with an internal
hexahedron. A. A. Golitsenko, V. L. Grigor'ev. *Kuz.-
shtam. proizv.* 8 no. 5:41 My '66.

FORGING—COSTS

Methods of calculating the economic efficiency of reducing
tolerances and allowances for large forgings. O. D.
Bychkov. *Kuz.-shtam. proizv.* 8 no. 4:41-44 Ap '66.

FORGING—ECONOMIC ASPECTS

An economic problem in forging. I. P. Traitsvskii. *Prom.
Bel.* 9 no. 1:8-10 Ja '66.

FORGING—GRAPHIC METHODS

Approximate solution of certain three-dimensional
problems in metalworking by pressure. L. A. Shofman.
Kuz.-shtam. proizv. 8 no. 4:1-7 Ap '66.

FORGING—HYGIENIC ASPECTS

Hygienic working conditions in the area of manufacturing
connecting rod and valve forgings. R. A. Medved', T. M.
Radzukevich, A. D. Bogdan. *Kuz.-shtam. proizv.* 8
no. 5:30-41 My '66.

FORGING—TECHNOLOGICAL INNOVATIONS

Atroshenko, A. P., S. M. Stepanov, and S. M. Khesin.
[Advanced technology in forging with hammers and
presses] Progressivnaia tekhnologiya shtampovki na
molotakh i pressakh. Izd. 2., perer. i dop. Pod
obshechi red. P. V. Kamneva. Moskva, Mashino-
stroenie, 1964. 167 p. [Biblioteka kuznetaa-
novatora, no. 5]

FORGING MACHINERY

Experimental investigation of a hydraulic press with ac-
cumulatorless piston drive for use in blanking. N. V.
Petrov. *Kuz.-shtam. proizv.* 8 no. 5:23-30 My '66.

FORGING MACHINERY—ELECTRIC EQUIPMENT

Stokolov, V. E., G. S. Usyskikh, and V. P. Mekhanik.
[Electrical equipment of forging and pressing machines;
a handbook] Elektrooborudovanie kuznechno-pressovykh
mashin; spravochnik. Moskva, Mashinostroenie, 1966.
335 p.

FORGING MACHINERY—MAINTENANCE AND REPAIR

Reconditioning by arc welding of a forge hammer housing.
N. N. Koliakina. *Kuz.-shtam. proizv.* 8 no. 5:47 My
'66.

FORK LIFT TRUCKS

Shmakov, A. T. [Operating a fork lift truck] Rabota na
avtopogruzhchike. Moskva, Stroizdat, 1966. 191 p.
(Seria posobi po povysheniiu masterstva stroitel'ei)

FORMALDEHYDE

Simple formalin vapor chambers. A. V. Pozdnakov.
Veterinariia 43 no. 5:90-92 My '66.

Steam and formalin disinfection chamber with a volume
of 3m³. A. N. Karaseva, M. A. Uzalov. *Zhur. mikro-
biol., epid. i immun.* 41 no. 8:16-18 Ag '64.

FORMIC ACID

Carbalkoxylation reactions. Part 2: Hydrocarboneethoxy-
lation of some olefins and cycloolefins by means of
formic acid. M. B. Ordian, T. A. Kaul, I. A. T. Eides.
Izv. AN Arm. SSR. Khim. nauki 18 no. 6:578-584 '65.

FORMS (MATHEMATICS)

Continuation of Töplitz forms, and some properties of
Töplitz matrices. I. S. Iokhvidov. *Usp. mat. nauk* 21
no. 2:226-231 Mr-Ap '66.

FORTIFICATIONS, OLD see subdivision under *Baku*

FOSSIL ELEPHANTS see *Elephants, Fossil*

FOSSIL LEAVES see *Leaves, Fossil*

FOSSIL ORCHIDS see *Orchids, Fossil*

FOSSIL POLLEN see *Pollen, Fossil*

FOULBROOD, AMERICAN

Prevent the spreading of foulbrood through foundation
factories. A. M. Smirnov. *Veterinariia* 43 no. 5:
92-94 My '66.

FOULBROOD, EUROPEAN

Prevent the spreading of foulbrood through foundation
factories. A. M. Smirnov. *Veterinariia* 43 no. 5:
92-94 My '66.

FOULING OF SHIP BOTTOMS

Operating modes of power plants. L. Landa. *Mor. flot*
26 no. 4:29-30 Ap '66.

FOUNDATIONS

(see also subdivision under *Japan*)

Calculating a foundation wall for horizontal load taking
into account the break in the continuity of the foundation
bed. A. B. Ogranovich, M. I. Gorbunov-Posadov.
Osn., fund. i mekh. grun. 8 no. 3:11-14 '66.

Efficient foundation elements. A. I. Perich. *Stroil.
truboprov.* 10 no. 4:4-7 Ap '66.

Experimental studies of the distribution of reactive pres-
sure under reinforced concrete beams on a sandy founda-
tion. A. V. Konoplev. *Izv. vys. ucheb. zav.; stroit. i ar-
khit.* 9 no. 2:144-149 '66.

Experimental studies of the joint performance of founda-
tion beds and foundations in loss of the first type. I. I.
Tuganenko. *Izv. vys. ucheb. zav.; stroit. i arkhit.* 9 no. 2:
22-31 '66.

Foundations of standard parts. A. Shmazhenyi. *Stroil. i
arkhit.* 14 no. 4:16-19 Ap '66.

Reinforced concrete shells serving as foundations for
industrial, residential, and public buildings and struc-
tures. A. N. Tetlov. *Izv. vys. ucheb. zav.; stroit. i arkhit.*
9 no. 2:13-17 '66.

Rubinshtein, M. Z., and V. G. Krylov. [Methods of deter-
mining the dimensions and the technical and economic
indices of foundations] Metodika opredeleniia razmerov
i tekhniko-ekonomicheskikh pokazatelei fundamentov.
Moskva, Glav. uprav. po stroit. proektirovaniu predpri-
atii, zdani i sooruzhenii, 1966. 60 p.

Stability of foundations under conditions of soil heaving
during freezing. V. B. Shvels, B. I. Kochevich. Osn.,
fund. i mekh. grun. 8 no. 3:26-28 '66.

FOUNDATIONS—VIBRATION

Dynamic calculation of framed foundations for average-
frequency horizontal transfer machines considering
vibration attenuation in the ground and foundation. A. A.
Zhukov. *Trudy MFT* no. 225:153-167 '66.

FOUNDING

Nekhenzli, I. A. [Production, composition, and com-
position of castings in the U.S.S.R. and in foreign
countries] O proizvodstve, strukture i potrebnosti
lit'ia v SSSR i za rubezhom. Leningrad, 1966. 48 p.
(Leningradskii dom nauchno-tekhnicheskoi propagandy.
Nauchno-tekhnicheskii oyl. Seria: Progressivnoe
formobrazovanie)

Production of one piece cast rotors in a vacuum. E. V.
Rusetskii, V. T. Zolomov. *Lit. proizv.* no. 2:3-5 F
'64.

FOUNDING—CONGRESSES

All-Union scientific and technical conference on the auto-
mation and mechanization of melting processes and the
pouring of metal in foundries. A. N. Onokolo, V. G.
Tishchenko, E. G. Chagunnyi. *Lit. proizv.* no. 4:40 Ap
'66.

Conference of Riga foundry workers. A. I. Levina. *Lit.
proizv.* no. 2:43 F '64.

Moscow scientific and technical congress of foundrymen
dedicated to defects in founding and measures for their
prevention. B. K. Sviatkin. *Lit. proizv.* no. 4:40-42
Ap '66.

FOUNDING—QUALITY CONTROL

Improving the production of rotors for small electric mo-
tors. M. A. Sagratian. *Lit. proizv.* no. 4:39 Ap '66.

FOUNDRIES

Rishe, R. P. [Characteristics of the planning of
mechanized and automated foundries] Osobennosti
proektirovaniia mekhanizirovannykh i avtomatizirovan-
nykh litolnykh tsukhov. Leningrad, 1966. 35 p.
(Leningradskii dom nauchno-tekhnicheskoi propagandy.
Proizvodstvennyi oyl. Seria: Progressivnoe
formobrazovanie)

FOUNDRIES—EQUIPMENT AND SUPPLIES

Automation of the operation of sand mullers. A. M. Solov'ev.
Lit. proizv. no. 2:14-15 F '64.

Average high-strength ingot molds with apheroidal graph-
ite. B. A. Akhmedov, G. M. Ailev, K. Kh. Mamedov.
Za tekhn. prog. 6 no. 4:26-29 Ap '66.

Core sand mixtures for sand slinging and sand blasting
machines. I. U. N. Smolin. *Lit. proizv.* no. 2:41-42
F '64.

Manipulators for S-216 sandblasting machines. A. I. Ziben-
berg. R. N. Polonskii. *Lit. proizv.* no. 4:33-34 Ap
'66.

The oxygen-blown converter process in foundries. V. G.
Glushchenko, B. N. Ladyzhenskii. *Lit. proizv.* no. 4:32
Ap '66.

Pneumatic vise for the trimming and cleaning of small
castings. E. S. Borisov. *Lit. proizv.* no. 4:33-39 Ap
'66.

Sectional distributing hoppers. V. V. Chislakov. *Lit.
proizv.* no. 4:34 Ap '66.

Single nomenclature for the founding properties of alloys.
I. A. Nekhenzli. *Lit. proizv.* no. 4:9-10 Ap '66.

FOUNDRIES—MANAGEMENT

Connection between the output and the expenses of foundry
shops. S. I. A. Gershtenkern. *Lit. proizv.* no. 2:6-8 F
'64.

FOUNDRY SAND see *Sand, Foundry*

FUNCTIONS, AUTOMORPHIC

Gelfand, I. M., and others. [Theory of representations and automorphic functions] Teoriya predstavlenii i avtomorfnykh funktsii. Moskva, Nauka, 1966. 512 p. (Obobshchennyye funktsii, no. 6)

FUNCTIONS, CONTINUOUS

Broken line deflections. V. N. Malozemov. Vest. LGU 21 no. 7:150-153 '65.

FUNCTIONS, ENTIRE

Integral representation of functions of exponential growth. M. A. Evgrafov. Dokl. AN SSSR 168 no. 3:512-515 My '66.
Representation of functions by sequences of Dirichlet polynomials. A. F. Leont'ev. Mat. sbor. 70 no. 1:132-144 My '66.

FUNCTIONS, HOLOMORPHIC see Functions, Analytic

FUNCTIONS, MEROMORPHIC

Poles and radius of circular univalence in the meromorphic class. Pavel Todorov. Dokl. AN SSSR 168 no. 3:532-534 My '66.

FUNCTIONS, ORTHOGONAL

Fundamental properties of polynomials orthogonal on the boundary. P. K. Suetin. Usp. mat. nauk 21 no. 2:41-88 Mr-Apr '66.

FUNGI

Macromycetes and their role in the dynamics of vegetation during drainage. Report No. 1. Macromycetes. V. I. A. Chastukhin. Bot. zhur. 51 no. 2:161-175 F '66.

Transformation of cardiac glycosides using micro-organisms and enzymatic preparations from them. P. I. Hvozdiak, D. H. Kolesnikov, Farmatsev. zhur. 19 no. 2:37-40 '64.

FUNGI, PHYTOPATHOGENIC

(see also subdivision under Soviet Far East)

Diseases of Pseudotsuga in Moscow Province. V. G. Bolychev, V. I. Nekrasov. Biul. Glav. bot. sada no. 59: 88-94 '55.

Overall protection of corn. M. Khodanovich. Zashch. rast. 11 no. 5:29-30 '65.

Tree diseases in "Krasnyy Les." IU. V. Sinadskii. Biul. Glav. bot. sada no. 59:83-88 '65.

FUNGICIDES

Copper oxychloride in mixtures with urea. N. Dorozhkin, Z. Remneva, A. Melshkevich. Zashch. rast. 11 no. 4:26 '66.

Structure and fungicidal activity of monosubstituted arylisothiocyanates. V. P. Lobov. Mikrobiologiya 35 no. 2:269-270 Mr-Apr '66.

Substitutes for Bordeaux mixture. V. Kornilova. Zashch. rast. 11 no. 4:30-31 '65.

FUNGUS DISEASES see Mycosis

FUR FARMING see subdivision under Kretzing District

FUR GARMENTS

Disinfection of fur articles with methyl bromide. A. G. Prishchep. Zhur. mikrobiol., epid. i immun. 41 no. 8: 13-16 Ag '64.

FUR TRADE see subdivision under Leningrad; Russia, Northern

FURALDEHYDE

Rapid determination of furfural concentration in its nonaqueous solutions by titration with water. S. I. Spiridonova. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:156-157 '65.

Selecting the technological flow sheet for the rectification of furfural-containing solutions. IU. A. Tshilin. Gidroliz i lesokhim. prom. 19 no. 4:10-13 '66.

FURALDEHYDE—STORAGE

Storage of furfural under a layer of inert gases. T. E. Goldovskaya, V. G. Kul'nevich, M. N. Rukavitsova. Gidroliz i lesokhim. prom. 19 no. 4:15-17 '66.

FURAN

Use of tetrahydrofuran in histological technique. V. V. Bairov. Arkh. pat. 28 no. 3:79-80 '66.

FURAN—THERAPEUTIC USE

Comparative evaluation of the immunological indices in treatment with nitrofurantoin preparations. Report No. 1: Effect of preparations of the nitrofurantoin series on some indices of natural immunity. G. M. Shub. Zhur. mikrobiol., epid. i immun. 41 no. 8:137-138 Ag '64.

Nitrofurans, their properties and use. V. S. Khomenko. Veterinariia 42 no. 4:58-59 Ap '66.

FURAN—TOXICOLOGY

Experimental analysis of permissible limit concentrations of furan and thiophene in the water of reservoirs. V. I. Rubets. San. okhr. vod. ot zagr. prom. stoich. vod. no. 7: 219-231 '65.

FURNACES—COMBUSTION

[Burning fuel gases in combustion chambers] Szhiganie goruchikh gazov v topochnykh ustroystvakh. [By] N. V. Lavrov i dr. Moskva, Energiia, 1966. 271 p.

Characteristics of the heat exchange of high-temperature combustion chamber. A. Dzhaminov, T. Khachatryan. Prom. Arm. 9 no. 2:58-60 F '66.

FURNACES, HEAT-TREATING

Hardening of giant wheels. R. Shakhmazarian. Izobr. i rats. no. 4:22 Ap '66.

Insulating properties of charge materials in graphitizing and roasting furnaces. A. I. Perevlasov, R. K. Ognev, E. F. Chalykh. TSvet. met. 39 no. 5:65-68 My '66.

FURNACES, HEATING

Connection between heat exchange and heat release in heating furnaces. R. F. Zolotarev. Izv. vys. ucheb. zav.; khim. i tekhn. 9 no. 5:182-187 '66.

Experimental, industrial ejector furnace for non-scale heating of ingots. S. P. Panin. Kuz.-shlam. proizv. 8 no. 5:37-38 My '66.

Programmed control of heating furnaces. P. F. Parastuk. Kuz.-shlam. proizv. 8 no. 4:39-41 Ap '66.

FURNACES, HEATING—DESIGN AND CONSTRUCTION

Rack and pinion or chain mechanism? A. V. Lokosov. Kuz.-shlam. proizv. 8 no. 5:36-39 My '66.

FURNACES, HEATING—EFFICIENCY

Increasing the efficiency of the bottom heating of metal in continuous furnaces. VA. Levitskii, A. P. Chernenkov. Metallurg 11 no. 5:20-30 My '66.

Performance of sintering furnaces depending on the content of concentrates in the charge mixture, the lime consumption, and the method of its injection into the charge. D. A. Kissin. Metallurg 11 no. 5:2-4 My '66.

FURNITURE

Industrial aesthetics and the living quarters. A. Ribushin, I. Kulikov. Stroitel' arkhit. Mosk. 15 no. 5:16-21 My '66.

FURNITURE INDUSTRY

(see also subdivision under Lvov; Moscow)

Devices for determining the quality of the varnish coating of furniture. V. M. Matushyn'skiy, A. I. Pokotylo. Lita., pap. i der. prom. no. 2:20 Mr-Apr '66.

FURNITURE INDUSTRY—EQUIPMENT AND SUPPLIES

see subdivision under Kiev

FURNITURE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Lvov

FUROCOUMARIN

New drugs. Farmatsev. zhur. 19 no. 2:93-95 '64.

Photosensitizing action of furocoumarins. IA. I. Khadzhal, V. F. Kuznetsova. Farmatsev. zhur. 20 no. 3:66-70 '65.

Relation between the structure and the spasmolytic activity in the series of derivatives of coumarin and furocoumarin. IA. I. Khadzhal, G. V. Obolentseva, A. P. Prokopenko. Farm. i toks. 29 no. 2:156-163 Mr-Apr '66.

FUROXAN

Conversions of furoxansulfonic acids (Bogdanov's rearrangement). M. V. Gorelik. Org. poluprod. i kras. no. 3:80-119 '65.

FUSARIUM

Oxidation of some alkanes by Fusarium moniliforme. Sheld. O. M. Zolchenko, E. Z. Koval'. Mikrobiol. zhur. 28 no. 2:18-24 '66.

Use of antibiotics against wilting. G. Kuz'mina. Zashch. rast. 11 no. 4:31 '66.

FUSARIUM—TOXICOLOGY

Clinical complex of symptoms of fusariotoxicosis in cattle, sheep, and goats. Kh. A. Dzhlavlan, N. A. Spesivtseva. Trudy VNIIVS 16:356-360 '60.

FUSED SALTS

Baimakov, IU. V., and M. M. Velikov. [Electrolysis of fused salts] Elektroliz rasplavennykh solei. Moskva, Metallurgiya, 1966. 560 p.

Electrochemical potentials of zirconium in molten magnesium and strontium chlorides. M. V. Smirnov, V. IA. Kudakov. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:77 '66.

Melting diagram of the system NaCl - KCl - Na₂ZrF₆ - K₂ZrF₆. I. N. Shelko, V. T. Mal'nev, V. I. Suprunchuk. Ukr. khim. zhur. 32 no. 5:461-466 '66.

Polarographic study of the cerium group of rare-earth elements with LiCl - KCl molten eutectic as the support. I. D. Panchenko, I. I. Penkalo, IU. K. Delimarskii. Elektrokhimia 2 no. 5:529-535 My '66.

Polarography of melts. Complex formation in the binary system aluminum bromide - sodium bromide. N. G. Chovnyk, V. V. Vashchenko, M. S. Poliantseva. Ukr. khim. zhur. 32 no. 5:454-458 '66.

Solubility of niobium pentoxide in fused lithium, sodium and potassium fluoride salts. G. P. Dudova, M. K. Voskresenskaia. Zhur. neorg. khim. 11 no. 5:1261-1265 My '66.

Surface tension of salts and molten metaphosphates. I. D. Sokolova. Zhur. neorg. khim. 11 no. 4:833-835 Ap '66.

Thermal analysis of alloys in the system NbCl₃ - NaCl - KCl. V. V. Safonov, R. G. Korshunov, T. N. Zimina. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:82-85 '66.

FUSED SALTS—ELECTRIC PROPERTIES

Conductance in the system KCl - MgCl₂. E. A. Utkhe, E. B. Kachina-Pullo. Zhur. neorg. khim. 11 no. 5:1165-1200 My '66.

FUSULINIDAE see subdivision under Sikhoté-Alin' Ra

GADOLINIUM

Anion-exchange adsorption of gadolinium and europium by amberlite IRA-400 from water-methanol solutions containing neutral nitrates. F. Mol'nar and others. Radiokhimiia 8 no. 2:163-169 '66.

GADOLINIUM CATALYSTS

Homomolecular and isotopic oxygen exchange on gadolinum oxide. L. A. Sazonov, V. D. Sokolovskii, G. K. Boretskov. Kin. i kat. 7 no. 2:284-288 Mr-Apr '65.

GALANTHAMINE

Quantitative determination and optimal conditions for the extraction of galanthamine with organic solvents. V. V. Mikhno. Farmatsev. zhur. 20 no. 3:44-46 '65.

GALAXIES

Detailed photometric and colorimetric data on a cluster of six spiral galaxies in Virgo. B. E. Markarian, E. JA. Oganesian, S. N. Arakelian. Astrofizika 2 no. 1:53-60 Mr '66.

Galaxies with frequent outbursts of supernovae. B. V. Kukarkin. Astrofizika 1 no. 4:465-471 D '65.

Virtual mass-luminosity ratio and the instability of certain systems of galaxies. I. D. Karachentsev. Astrofizika 2 no. 1:61-90 Mr '66.

GALAXY see Milky way

GALENA

Products of galenite oxidation in distilled water. A. A. Abramov. Obog. rud. 11 no. 1:9-12 '66.

Rare case of the joint formation of the skeletal and metacolloid aggregates of galenite and sphalerite. V. S. Kornilitsyn. Zap. Vses. min. ob.-va 95 no. 2: 210-214 '66.

GALENA—OPTICAL PROPERTIES see subdivision under Ukraine

GALILEI, GALILEO, 1564-1642

Galilei and his disciples. P. Nesteruk. Rech. transp. 23 no. 2:50 F '64.

Galilei and his school of hydraulics and hydraulic engineering. P. Nesteruk. Rech. transp. 23 no. 2:48-40 F '64.

GALINSOGA see subdivision under Leningrad Province

GALL GNATS see subdivision under Krasnodar Territory

GALL MITES

Elm gall mite (Eriophyes ulmicola brevipunctatus). A. Gordenko. Zashch. rast. 11 no. 5:47-48 '66.

GALLBLADDER

Experimental electrographic methodology for the study of the motor function of the gallbladder. M. A. Sobukh, D. P. Todorov. Biul. eksp. biol. i med. 58 no. 9:123-128 '64.

Tonus of Lukens' sphincter in normal conditions and in experimental fever. M. V. Konstantinov. Biul. eksp. biol. i med. 58 no. 9:53-57 S '64.

GALLBLADDER—DISEASES

Alkaline phosphatase of neutrophils in acute cholecystitis. V. A. Avakimian. Vest. khir. 96 no. 4:18-21 Ap '66.

Clinical significance of the determination of aldolase and transaminase activity in acute cholecystitis and acute appendicitis. E. A. Khvatova. Klin. khir. no. 7: 24-26 '65.

Immediate and late results of surgical and conservative treatment of acute cholecystitis. N. I. Raikhan. Klin. khir. no. 7:32-35 '65.

Late results of cholecystostomy in acute cholecystitis. I. N. Grudinskaia. Vest. khir. 96 no. 4:14-18 Ap '66.

Study on the concentration function of the gallbladder in chronic cholecystitis and peptic ulcer. V. A. Kulikov. Vest. rent. i rad. no. 2:50-56 '64.

GALLBLADDER—RADIOGRAPHY

Study on the concentration function of the gallbladder in chronic cholecystitis and peptic ulcer. V. A. Kulikov. Vest. rent. i rad. no. 2:50-56 '64.

GALLBLADDER—SURGERY

Immediate and late results of surgical and conservative treatment of acute cholecystitis. N. I. Raikhan. Klin. khir. no. 7:32-36 '65.

Late results of cholecystostomy in acute cholecystitis. I. N. Grudinskaia. Vest. khir. 96 no. 4:14-18 Ap '66.

GALLIC ACID

Effect of propyl gallic acid on enzymes belonging to the SH- and the S-S groups. A. I. Agatova, N. M. Emanuel'. Biokhimiia 31 no. 2:296-305 Mr-Apr '66.

GALLIUM

Separation of gallium traces from zinc by partition chromatography. I. P. Alimarin, T. A. Bol'shova. Zhur. anal. khim. 21 no. 4:111-114 '66.

GALLIUM ALLOYS

Solid solutions in the pseudobinary system Ga₂Se₃ - Ga₂Te₃. P. G. Rustamov, L. I. Zargarova, E. A. Gaidarova. Dokl. AN Azerb. SSR 21 no. 12:8-10 '65.

GALLIUM ANTIMONIDES—SPECTRA

Recombination radiation in gallium antimonide. N. K. Kiseleva, B. T. Kolomiets. Fiz. tver. tela 8 no. 3: 967-969 Mr '66.

GALLIUM ARSENIDE CRYSTALS

Effect of alloying on plastic deformation of gallium arsenide single crystals. N. P. Sazhin and others. Fiz. tver. tela 8 no. 5:1539-1544 My '66.

Twining and morphology of epitaxial GaAs films on Ge. I. U. M. Chanchinova, V. A. Moktevskii. Fiz. tver. tela 8 no. 5:1511-1516 My '66.

GALLIUM ARSENIDES

Beryllium diffusion into gallium arsenide. E. A. Poltoratskii, V. M. Stuchelnikov. Fiz. tver. tela 8 no. 3:963-965 Mr '66.

Energy levels of Ag and Au in GaAs. F. S. Shishilau, B. I. Boltaks. Fiz. tver. tela 8 no. 4:1312-1314 Ap '66.

Tunnel effect in gallium arsenide diodes at low temperatures. B. M. Vul, E. I. Zavaritskaia, N. V. Zavaritskii. Fiz. tver. tela 8 no. 3:886-893 Mr '66.

GALLIUM ARSENIDES—ELECTRIC PROPERTIES

Temperature dependence of the lifetime of current carriers in n-GaAs. N. M. Kolesanova, D. N. Nasledov. Fiz. tver. tela 8 no. 4:1097-1104 Ap '66.

GALLIUM ARSENIDES—SPECTRA

High-frequency electroluminescence of GaAs and GaSe. A. S. Borshchevskii, I. A. Okunov, V. N. Smirnov. Fiz. tver. tela 8 no. 5:1428-1433 My '66.

Spectral characteristics of GaAs p-n junctions in the near ultraviolet. A. A. Gutkin and others. Fiz. tver. tela 8 no. 3:712-716 Mr '66.

GALLIUM PHOSPHIDES, EFFECT OF RADIATION ON

Radiative recombination in gallium phosphide due to excitation by an electron beam and electric current. L. A. Angulova, V. S. Vavilov, A. E. Iunovich. Fiz. tver. tela 8 no. 5:1608-1612 My '66.

GALLIUM SELENIDES—SPECTRA

High-frequency electroluminescence of GaAs and GaSe. A. S. Borshchevskii, I. A. Okunov, V. N. Smirnov. Fiz. tver. tela 8 no. 5:1428-1433 My '66.

GALVANOMAGNETIC EFFECTS

Galvanomagnetic and thermomagnetic effects in deformed n-Ge. V. S. L'vov. Fiz. tver. tela 8 no. 5:1351-1354 My '66.

Thermogalvanomagnetic effects in n-Ge. V. S. L'vov, T. V. Smirnova. Fiz. tver. tela 8 no. 5:1365-1373 My '66.

GALVANOMETER

Electrostatic compensation of the opposing moment. K. L. Kulikovskii, E. P. Kurochkin. Izv. vys. ucheb. zav. i prib. 9 no. 2:38-41 '66.

GAME AND GAME BIRDS see subdivision under Ural Mountains

GAME PROTECTION see subdivision under Ukraine

GAMMA GLOBULIN

Neutralization by the gamma-globulin of donor serum of the hyaluronidase produced by Streptococcus cultures of various origins. Chzhan Ven'-in (Chang Wen-yu). Zhur. mikrobiol. i epid. i immu. 41 no. 7:123-129 Ji '64.

GAMMA-RAY SPECTROMETRY

Manifestation of Kirchhoff's law in gamma ray spectroscopy. I. U. T. Mazurenko. Dokl. AN SSSR 168 no. 2:320-321 My '66.

GAMMA RAYS—DOSAGE

Absolute measurement of gamma radiation doses absorbed by small objects. A. I. Mochalkin, G. A. Volkov. Sbor. trud. po agron. fiz. no. 12:150-151 '65.

GAMMA RAYS—EFFECT ON PLANTS see Plants

Effect of gamma rays on

GAMMA RAYS—EFFECT ON SEEDS see Seeds

Effect of gamma rays on

GAMMA RAYS—EQUIPMENT AND SUPPLIES

Use of gamma-ray apparatus. L. S. Lur'e, S. V. Kuzne-tsov. Vest. sel'khoz. nauki 11 no. 2:105-110 F '66.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Effect of gamma rays on the flotation properties of anion-type collector reagents. A. T. Lebedev and others. TSvet. met. 30 no. 5:16-21 My '66.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Effect of gamma-irradiation on the absorption spectrum of visual purple. N. M. Trumova. Biol. eksp. biol. i med. 59 no. 9:72-74 S '64.

Effect of ionizing radiation on the protein synthesis in the cell nuclei of rat tissues. V. D. Mokshina, E. F. Romantsev. Dokl. AN SSSR 168 no. 2:454-456 My '66.

Pathomorphological changes in hemopoietic organs of mice subjected to combined action of ionizing radiations and dynamic factors of the space flight. N. A. Gaidamakin and others. Izv. AN SSSR, Ser. med. no. 3:346-354 My-Je '66.

GAMMA RAYS—THERAPEUTIC USE

Large-focus skin distance gamma therapy of peripheral cancer of the lung through a lead grid. I. A. Pervoslegin, D. S. Stepin. Vest. rent. i rad. 41 no. 2:65-72 Mr-Apr '66.

GANGLIONIC BLOCKING AGENTS

Volumetric and gravimetric methods for determining pachycarpine hydrochloride using picric acid. N. P. Iavor-skii. Apl. delo 15 no. 2:37-43 Mr-Apr '66.

GANGRENE

Case of symmetrical gangrene of fingers and toes in autoimmune chronic hemolytic anemia. T. Vasilov, V. Bleva, N. Predov. Probl. gemat. i perel. krovi 11 no. 1:50-51 Ja '66.

GARAGES see subdivision under Erivan

GARCIA DEL SOLAR, LUCIO, 1922-

People and events; Eamonn de Valera; Lucio Garcia del Solar. Nov. vrem. 23 no. 24:8 Je '66.

GARMENT CUTTING—EQUIPMENT AND SUPPLIES

Some problems of the complete mechanization of the preparation and cutting sections of clothing factories. I. I. Galynker. Shvein. prom. no. 2:11-16 Mr-Apr '66.

GARNET

(see also subdivision under Caucasus, Northern)

Ferromagnetic resonance in single crystals of the garnet Bi₂Ca₂Fe₃O₁₂. B. M. Lebed' and others. Fiz. tver. tela 8 no. 3:1533-1535 My '66.

GARNET—ANALYSIS

Determination of the composition of garnets by their physical characteristics. E. K. Vasil'ov. Geol. i geofiz. no. 2:118-124 '66.

GAS—DRYING

Program controller for methane-hydrogen fraction heating furnaces for regenerating pyrolysis dryers. V. S. Baldakov, A. G. Samarskii, F. R. Fradkin. Nefteprom. i neftekhim. no. 3:41-43 '66.

GAS, NATURAL

(see also subdivision under Azerbaijan; Caucasus, Northern; Dnepropetrovsk Province; Tyumen' Province)

Best crew and section collectives in oil and gas production. E. Bondareva. Neftianik 10 no. 4:14-17 Ap '65.

Improve the organization of labor on a branch scale. S. Iltrov. Sots. trud. 11 no. 5:81-86 '66.

Inert gases in stony meteorites. A. P. Vinogradov, L. K. Zadorozhnyi. Geokhimiia no. 7:587-600 Ji '64.

Problem of the optimum consumption of natural gas. L. I. Slopushova, L. G. Filippova. Metallurg 11 no. 5:5-9 My '66.

GAS, NATURAL—ANALYSIS see subdivision under Kyurovdag Oil Field

GAS, NATURAL—GEOLOGY see subdivision under Apsheron Peninsula; Azerbaijan; Babiyskiy Archipelago; Carpathian Mountain region; Caspian Lowland; Caspian Sea; Chu Valley; Dnieper-Donets Lowland; Mugyskhiak Peninsula; Russian Platform; Shakhbakhly Gas Field; Soviet Central Asia; Ustyurt; Uzbekistan

GAS, NATURAL—PIPELINES

(see also subdivision under Crimea)

Above-ground gas pipeline laying on Solonchak soils. P. D. Tarakanov. Stroitel. trubo. prov. no. 6:21-22 Je '65.

Let us change the organization of the control of gas pumping plants at compressor stations. P. Zh. Ozol. Stroitel. trubo. prov. no. 6:31-32 Je '65.

Meridian of courage. A. Pakhomov. Sov. voen. 48 no. 10: 18-19 My '66.

GAS AND OIL ENGINES see Internal combustion engines

GAS APPLIANCES—SAFETY MEASURES

Nechayev, M. A. [Safety measures in the operation and maintenance of gas equipment and appliances in industrial enterprises] Tekhnika bezopasnosti v gazovom khoz. i prom. promyshlennykh predpriyatiy. Leningrad, Nedra, 1965. 175 p. (Biblioteka mastera gazovogo khoz. i prom.)

GAS AS FUEL

[Burning fuel gases in combustion chambers] Szhiganie goruchikh gazov v topchnykh ustroystvakh. [By] N. V. Lavrov i dr. Moskva, Energiia, 1966. 271 p.

Determination of the concentration of sulfur trioxide in fuel gases. V. P. Popov, S. M. Grushetskaya. Zav. lab. 32 no. 1:24 '66.

GAS BURNERS

Burners for burning natural gas, coke gas, and blast furnace gas in boiler furnaces. I. A. Kirillov. Energetik 14 no. 5:30-43 My '66.

Flameless gas burner in construction work. S. Salikhodzhaev. Stroitel. i arkhit. Uzb. 7 no. 5:3-4 My '66.

Selecting the elements of gas burners in converting tunnel kilns to natural gas heating. E. Sh. Sheinman. Sbor. trud. VNIISTROM no. 5:131-136 '66.

GAS CHROMATOGRAPHY

Classification of liquid phases by their relative polarity and separation of hydrocarbon mixtures by gas-liquid chromatography. R. I. Sidorov, M. P. Ivanova. Zhur. anal. khim. 21 no. 4:479-485 '66.

Gas chromatographic indices of certain oxygen compounds and halogen derivatives of hydrocarbons. L. Rudkevskaya, S. Rang, O. Eisen. Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:113-120 '66.

Gas liquid chromatography analysis of a C₄ - C₇ alcohol mixture. I. U. B. Kagan and others. Neftekhimiia 4 no. 6:924-931 N-D '64.

Investigation of various stationary liquid phases for chromatographic separation of isomeric aromatic hydrocarbons. M. S. Vigdorgauz, O. G. Chabrova. Neftekhimiia 4 no. 6:932-937 N-D '64.

Reliable detection of nonsteady concentrations of radioactive gases in a flow cell. A. M. Pankov, V. A. Ruban. Radiokhimiia 8 no. 2:232-240 '66.

Some characteristics of gas chromatography in charged columns. A. T. Svyatoshenko, V. G. Borezkin. Neftekhimiia 4 no. 6:938-942 N-D '64.

Use of the method of thermal desorption of nitrogen in determining a specific surface. B. I. Tal'bovich and others. Zav. lab. 32 no. 1:50-51 '66.

GAS COOKING

"Sputnik" gas unit. B. V. Silivskii, V. R. Pluker. Stroitel. trubo. prov. 10 no. 4:36-37 Ap '65.

GAS DISTRIBUTION

Gate valve for gas pipelines. V. A. Kucher. Energetik 14 no. 5:32 My '66.

GAS DYNAMICS

- Experimental investigation of convective heat transfer in gas flow in the initial section of a cylindrical pipe. A. I. Leonov, V. K. Fedorov. *Inzh.-fiz. zhur.* 10 no. 5:584-591 My '66.
- Hydrodynamic stability of a spherical flame. A. G. Istratov, V. B. Librovich. *Dokl. AN SSSR* 168 no. 1: 43-46 My '66.
- Moscow. *Energeticheskii institut im. G. M. Krzhizhanovskogo*. [Studies in physical gas dynamics] *Issledovaniia po fizicheskoi gazodinamike*. Moskva, Nauka, 1965. 223 p.

Parameters of a plane separation flow. M. D. Tarnopol'skii, G. I. Khromashin. *Inzh.-fiz. zhur.* 10 no. 5:628-631 My '66.

Some problems in gas dynamics of jets in a lateral flow in burning. V. A. Kosterin, E. V. Rzhavskii, A. A. Khramatulin. *Izv. vys. ucheb. zav.; av. tekhn.* 9 no. 1: 130-139 '65.

Study of the vortex effect. A. I. Gulliev. *Zhur. tekhn. fiz.* 35 no. 10:1869-1881 O '65.

Theoretical studies of the parameters of gas in kerosene-nitric acid jet torches earmarked for the thermal piercing of hard rocks. I. P. Goldaev. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no. 4:77-82 '65.

GAS FIELD DEVELOPMENT

Aigishev, A. P. [Return flows of gas between reservoirs in the development of gas fields] *Mezhlipiatovye pereklyki gaza pri razrabotke gazovykh mestorozhdenii*. Moskva, Nedra, 1966. 203 p.

GAS FLOW

Bottom pressure in the case of a sudden expansion of sonic flow. G. S. Zelenkov, A. V. Iurkov. *Vest. LGU* 21 no. 7: 78-80 '65.

GAS INDUSTRY

Basic trends in the development of the petroleum and gas industries in the period 1966-1970. P. P. Galonskii. *Neft, khoz.* 44 no. 4:1-5 Ap '66.

Petroleum and gas industries in the light of the directives of the 23d Congress of the CPSU. *Geol. neft i gaz* 10 no. 5:1-3 My '66.

Problems of scientific-research and production organizations of the petroleum and gas industries in the light of the decisions of the September Plenum of the Central Committee of the CPSU. I. A. Valner. *Neft, khoz.* 44 no. 4:14-18 Ap '66.

GAS INDUSTRY—EQUIPMENT AND SUPPLIES

Aluminum alloys in the equipment of the petroleum and gas industries; review. I. L. Osiplan. *Mash. i neft. obor.* no. 4:33-39 '65.

GAS-LUBRICATED BEARINGS

Approximate integration of Prandtl equations for an unsteady flow of gas lubricant. A. G. Burgvits, G. A. Zavitailov. *Mashinovedenie* no. 3:92-101 '66.

GAS PIPES

(see also subdivision under Krivoy Rog Basin)

Differential compass for making models of tee-branch pipes. G. A. Alekseev. *Stroi. truboprov.* no. 6:28-29 Je '65.

GAS PRODUCERS

Shelest, P. A. [Compressed gas producers] *Generatory szhatykh gazov*. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no. 8)

GAS TURBINE DISKS—TESTING

Rabinovich, V. P. [Strength of turbine disks] *Prochnost' turbinnnykh diskov*. Moskva, Mashinostroenie, 1966. 149 p.

GAS TURBINES

Concerning the use of gas turbine aviation engines as auxiliary power supply sources. N. A. Seulin, D. L. Fatbisevich. *Elek. sta.* 36 no. 3:47-50 Mr '65.

Number of individual stages in stationary gas turbines. G. V. Proskuriakov. *Energomashinostroenie* 12 no. 4: 35-37 Ap '66.

Results of the tests of the main and serially manufactured units of GTN-9-750 gas turbine systems. V. L. Polishchuk and others. *Energomashinostroenie* 12 no. 4:2-8 Ap '66.

GAS TURBINES—FUEL see subdivision under Groznyy

GAS WELLS

Effect of gypsum on the properties of plugging cements at high temperature. V. S. Danilushkevich, I. M. Butt, A. A. Lipovetskii. *Trudy MKHTI* no. 45:69-74 '64.

GASEOUS PLASMA see Plasma (ionized gases)

GASES

Effect of gas medium and temperature on reactions in the system $Ca - Ti - O$ and the comparison of the properties of rare earth titanates. A. I. Leonov, M. M. Pirutko, E. K. Keler. *Izv. AN SSSR, Ser. khim.* no. 5: 787-792 '66.

New design of a reactor for studying gas reactions by the electron paramagnetic resonance method. E. N. Sarkislan, V. V. Azatlan. *Kin. i kat.* 7 no. 2:362-363 Mr-Apr '66.

One-contact gasification process. V. V. Patrikeev and others. *Zhur. prikl. khim.* 38 no. 8:1801-1808 Ag '65.

GASES—ABSORPTION AND ADSORPTION

Activated adsorption of inert gases in conventional conditions on freshly formed surfaces of ground solids. G. S. Khodakov. *Dokl. AN SSSR* 168 no. 1:158-160 My '66.

GASES—ANALYSIS

Gas analyzer and indicator systems. V. V. Bukharin. *Mash. i zhiv. prom.* 32 no. 4:39-40 Ap '66.

GASES—PURIFICATION

Removal of sulfur dioxide from industrial gases. I. E. Kuznetsov, S. N. Gvoz. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:89-93 '66.

GASES, RARE

Disintegration of fast negative ions in inert gases. G. B. Lopatseva, O. B. Firsov. *Zhur. eksp. teor. fiz.* 50 no. 4:975-978 Ap '66.

GASES IN METALS

Behavior of dissolved gases during the crystallization of aluminum alloys. V. A. Zasyukin, A. E. Semenov. *Alum. splavy* no. 4:291-295 '66.

Effect of gas blowing on the structure and properties of cast iron. N. G. Girshovich, L. N. Shteinbergs. *Lit. proizv.* no. 4:22-23 Ap '66.

Gas content of medium carbon steel. N. A. Gederevich, V. S. Shitikov. *Lit. proizv.* no. 4:36-37 Ap '65.

GASLIGHTING

"Spitnik" gas unit. B. V. Stivinskii, V. R. Pikur. *Stroi. truboprov.* 10 no. 4:36-37 Ap '65.

GASOLINE

Economic indices of the pyrolysis of straight-run gasolines. V. P. Davydov. *Neftep. i neftekhim.* no. 5:10-21 '66.

Hydrogenation of pyrocondensate for obtaining gasoline. V. A. Puchkov and others. *Neftep. i neftekhim.* no. 3: 6-10 '66.

Improve the cooling system in natural gasoline plants. A. Churakhev. *Neftianik* 10 no. 5:30 My '65.

Optimal fractional composition of automobile gasolines to be used in southern zones. A. A. Gureev, E. P. Sobolev, S. M. Livshits. *Ekspl.-tekhn. svoist. i prim. avt. top., smaz., mat. i spetszhid.* no. 4:20-24 '66.

Presentation and solution of systematic problems of the optimum compounding of automobile gasolines. B. A. Brunshtein and others. *Neftep. i neftekhim.* no. 5: 5-7 '66.

Pyrolysis of straight-run gasoline in the superheated steam flow under increased pressures. V. I. Malorov, S. M. Furer, T. N. Mukhina. *Neftep. i neftekhim.* no. 3:32-34 '66.

GASOLINE—ANTIKNOCK AND ANTIKNOCK MIXTURES

Operating properties of automobile gasolines with a manganese antiknock component. D. M. Aronov and others. *Ekspl.-tekhn. svoist. i prim. avt. top., smaz., mat. i spetszhid.* no. 4:5-20 '66.

Thermal conditions of engines in determining the octane numbers of gasolines using the operational and research methods. D. M. Aronov and others. *Ekspl.-tekhn. svoist. i prim. avt. top., smaz., mat. i spetszhid.* no. 4:43-51 '66.

GASOLINE—SAFETY MEASURES

Distribution of gasoline vapors in oil extraction plants. A. I. Chelyshov. *Izv. vys. ucheb. zav.; stroi. i arkhit.* 9 no. 2:86-89 '66.

GASOLINE SERVICE STATIONS see Service stations

GASTRIC JUICE

Mechanism of daily variations in continuous gastric secretion in monkeys. V. G. Startsev. *Fiziol. zhur.* 50 no. 9:1169-1176 S '64.

Secretory function of the stomach in pulmonary tuberculosis. L. P. Chumakova. *Probl. tub.* no. 0:57-62 '64.

GASTROENTERITIS

Infectious gastroenteritis of swine. V. F. Petrov, V. D. Chernigov, V. A. Kuznetsov. *Uch. zap. Viteb. vet. inst.* 18:210-218 '64.

Viruslike particles in the epithelial cells of the small intestine in young pigs with infectious gastroenteritis. V. M. Zharavlev, K. N. Iazykova. *Veterinaria* 42 no. 4:21-23 Ap '66.

GASTROENTEROLOGY

Burchinskii, G. I., ed. [Problems of gastroenterology; a collection dedicated to the memory of Academician V. N. Ivanov of the Academy of Sciences of the Ukrainian S.S.R.] *Voprosy gastroenterologii i shchenniy pamiati akademika AN USSR V. N. Ivanova*. Kiev, gos. med. izd-vo USSR, 1963. 260 p. (RPN)

GASTROINTESTINAL MOTILITY

Changes in the motor activity of the large intestine following internal use of Pyatigorsk mineral waters. I. U. K. Vasilenko. *Vop. kur., fizioter. i lech. fiz. kul't.* 29 no. 5:413-419 S-O '64.

GASTROPODA

Electrophysiological study of giant neurons in some representatives of Pulmonata. V. A. Mal'skii, V. D. Gerasimov. *Bull. eksp. biol. i med.* 58 no. 12:22-26 D '64.

GAVERILOV, VLADIMIR NIKOLAEVICH, 1923-

Lapshin, V. P. Vladimir Gavrilov. Moskva, Sovetskii khudozhnik [1965] 37 p. illus. (MII)

GEAR CUTTING

Berezin, B. P., N. I. Dumchenko, and K. V. Mosolov. [Gear grinding] *Zuboshlifoval'nye raboty*. Moskva, Vysshaya shkola, 1966. 277 p. diagrs. (Insert)

GEARING

Academy of Sciences USSR. Nauchnyi sovet po teorii mashin i rabochikh protsessov. [Transmission mechanisms] *Peredatocnyye mekhanizmy; sbornik statei. Pod red. V. F. Mat'iaeva*. Moskva, Mashinostroenie, 1965. 335 p.

Approximate relationships for determining bending stresses in the teeth of gear wheels. V. I. Ustinov. *Izv. vys. ucheb. zav.; mashinost.* no. 2:35-38 '66.

Faranov, G. T. [Low-module gear wheels made of polyamide resin] *Mezkomodul'nye zubechatye koletsa iz poliamidnoi smoly*. Leningrad, 1965. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Konstruktsionno i tekhnologiya izgotovleniya izdelii iz plasticheskikh mass)

Interference conditions of the teeth of a wave gear transmission. V. K. Rubtsov. *Mashinovedenie* no. 3:24-32 '66.

Selecting optimal geometry for involute gear transmissions. I. V. Ankin. *Izv. vys. ucheb. zav.; mashinost.* no. 2:18-22 '66.

Wear analysis of involute gear transmissions considering accelerated sliding of tooth profiles. P. A. Kargin. *Mashinovedenie* no. 3:33-40 '66.

GEARING, SPUR

Determining the width of low-module spur gear wheels. A. M. Kopelkin. *Priborostroenie* no. 5:18-19 My '66.

GEESSE—DISEASES AND PESTS

Disease of geese of obscure etiology. A. B. Naidevlatov. *Veterinaria* 42 no. 4:42-44 Ap '66.

GEESSE—FEEDING AND FEEDS

Change in some hematologic indices as related to the rations and growth of geese. N. P. Egorov. *Vest. neft. khoz. nauki [Kazakh.]* 9 no. 4:35-40 Ap '66.

GEKKER, ANATOLII IL'ICH, 1889-1937

A. I. Gekker, an army corps commander. M. Traskinov. *Voen.-ist. zhur.* 0 no. 5:114-117 My '66.

GENERALIZED INTEGRALS see Integrals, Generalized

GENERATIVE ORGANS—DISEASES

Growth and development of the skeleton in gonadal dysgenesis. V. A. Tikhonov, L. L. Liberman. *Probl. endok. i gorm.* 12 no. 3:38-42 My-Je '66.

GENERATIVE ORGANS, FEMALE—BLOOD SUPPLY

Blood vessels of the vagina and external genitalia, considering the age aspects, in various stages of pregnancy. V. A. Gevorkian. *Zhur. eksp. i khim. med.* 6 no. 1:107-110 '66.

GENETICS

Azarnikov, V. Z. [The code of life] *Tainopis' zhizni*. Moskva, Sovetskii Rossiia, 1966. 165 p. Effect of indopon on white rats and their progeny. A. I. Akovleva, M. N. Sorokina. *Farm. i toks* 29 no. 2: 224-229 Mr-Apr '66.

GENTOURINARY ORGANS—CANCER

Sarcomatous tumors of the urogenital vestibule and the vagina in dogs. P. F. Terekhov. *Trudy Mosk. vet. akad.* 10:47-50 '66.

GENTOURINARY ORGANS—SURGERY

Sarcomatous tumors of the urogenital vestibule and the vagina in dogs. P. F. Terekhov. *Trudy Mosk. vet. akad.* 10:47-50 '66.

GENOA—THEATER

The permanent theater in Genoa. P. Markov. Teatr 25 no. 9:117-123 S '64.

GEOCHEMICAL PROSPECTING

(see also subdivision under Kazakhstan; Ural Mountain region)

Geochemical prospecting for deposits of rare-metal pegmatites based on sand-clay stream sediments. I. U. T. Usikov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:79-85 My '66.

Geologo-geokhimicheskiy trost. Tsentral'naya laboratoriya prikladnoi geokhimii. [Handbook on the preliminary mathematical processing of geochemical information in prospecting] Rukovodstvo po predvaritel'noi matematicheskoi obrabotke geokhimicheskoi informatsii pri poiskovykh rabotakh. Sost.: A. A. Beus i dr. Moskva, Nedra, 1966. 118 p.

GEOCHEMISTRY

(see also subdivision under Kokchetav Upland, Moldavia)

Effect of ferruginous films on the exchange ability of minerals. V. M. Fridland, I. G. Tsiurupa. Dokl. AN SSSR 168 no. 3:679-682 My '66.

Forms of the behavior of aluminum, iron, titanium in the pelite fractions. S. L. Shimanovich, G. A. Shilko. Dokl. AN BSSR 10 no. 4:251-253 Ap '66.

Geochemistry of cadmium, manganese, and iron in sphalerites. B. A. Balakishieva. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:27-33 '64.

Hydrochemical conditions governing the formation of arsenic and phosphoric uranium specularite. V. S. Serebrennikov. Geokhimiya no. 5:502-510 My '66.

Interpretation and evaluation of primary mercury halos according to the results of the analysis of samples selected in various mines. M. S. Kurbanov, B. M. Is'khov. Geokhimiya no. 7:687-691 Ji '64.

Methods for the construction of a geochemical diagram of variations according to dispersion halos. E. T. Batramalibek. Geokhimiya no. 7:683-684 Ji '64.

Practice in measuring the paleotemperatures of granitoids by T. Hart's method. I. V. Davidenko. Geokhimiya no. 5:546-555 My '66.

Results of studying the quantitative content of polynuclear aromatic hydrocarbons in the organic matter of rocks of different origin. V. N. Florovskaya, T. A. Teplovskaya, R. I. Persenova. Geokhimiya no. 5:538-545 My '66.

Specific gravity of spherical microparticles collected in the atmosphere. V. D. Vilenskii. Geokhimiya no. 5:586-593 My '66.

Typochemical complexes of elements in minerals; as revealed by a study of apatite. A. A. Malukhov. Geokhimiya no. 5:556-570 My '66.

Use of the empirical equations of regression in geochemical studies. V. N. Hendarenko. Geokhimiya no. 7:672-677 Ji '64.

GEODESY

Optimum use of satellites for geodesy. H. Welsa. Geod. i kart. no. 3:7-9 Mr '66.

GEODETC RESEARCH see subdivision under Azerbaijan

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS—CONGRESSES

Histogeography and medical geography at the 20th International Geographical Congress in London. A. G. Voronov. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:27-33 Mr-Apr '65.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHY

(see also subdivision under Asia; Gorkly Province)

The Lomonosov period in the history of Russian geography: on the 200th anniversary of M. V. Lomonosov's death. N. E. Dik. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:76-79 Mr-Apr '65.

GEOGRAPHY—STUDY AND TEACHING

Principle of historicism in education. L. M. Pancheshnikova. Sov. pedagog. 30 no. 4:54-62 Ap '66.

GEOGRAPHY, ECONOMIC see subdivision "Economic geography" under Moldavia; Ukraine

GEOGRAPHY, ECONOMIC—CONGRESSES

Economic geography at the 20th International Geographical Congress in London. I. U. G. Sushkova. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:19-26 Mr-Apr '65.

GEOLOGICAL MODELING

Study of stresses in volume models by the method of photoelasticity. G. V. Varderesian. Izv. AN Arm. SSR. Nauki o zem. 10 no. 1:2:136-146 '66.

GEOLOGICAL SOCIETIES see subdivision under Hungary

GEOLOGICAL TIME

(see also subdivision under Argan Valley; Donets Basin; Elbrus Mount region; Kurama Range; Sontz-Duga region, Kazakhstan; Siberian Platform; Talysh Mountains; Ural Mountains; Verkhnyaya Kuenga region, Chita Province; Yakutia; Yenisey Region)

Age and the thermal history of stony meteorites and minerals. I. K. Levskii. Geokhimiya no. 7:601-609 Ji '64.

Age determination of Paleozoic salts in the southwestern part of the Dnieper-Donets Lowland according to the data of spore-pollen analysis. L. O. Serbieleva. Geol. zhur. 24 no. 6:96-98 '64.

Problems of accuracy in geochronological measurements. Part 2: Relationship between the accuracy of the determination of absolute age and the reliability of geochronological conclusions. L. L. Shannin, I. V. Chernyshev. Izv. AN SSSR. Ser. geol. 31 no. 5:49-64 My '66.

GEOLOGISTS

More attention to the living conditions of geologists. I. I. Kirukhin. Razved. i okh. neft. 31 no. 9:56-57 S '65.

GEOLOGY

(see also subdivision under Ararat; Mount Aral Sea region; Azerbaijan; Carpathian Mountains; Chingiztau region; Crimea; Kola Peninsula; Korea; North Maritime Territory; Pechora Valley; Tien Shan; Timan Range; Ural Mountains;)

Activities of the Commission on Quaternary Research of the Academy of Sciences of the U. S. S. R. in 1964 and 1965. I. K. Ivanova. Biol. Kom. chetv. per. no. 32: 134-143 '66.

Discussion on problems of the development of the geological sciences. A. L. Ianchin. Sov. geol. 9 no. 4:157-159 Ap '66.

Lecture of Doctor E. Schröder at the Department of Geology of the Moscow State University. V. S. Milnev. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:132-135 Mr-Apr '66.

Petrophysics and its significance for the present and future of geology. V. N. Dab'kov, V. N. Kobranchova. Sov. geol. 8 no. 9:116-123 S '65.

Problems facing Soviet geologists in the light of the Directives of the 23d Congress of the CPSU on the five-year plan for the development of the national economy in 1966-1970. Sov. geol. 9 no. 4:3-7 Ap '66.

Sojourn of Professor Z. Ponka (Czechoslovakia) at the Department of Geology of the Moscow State University. V. I. Starostin. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2: 131-132 Mr-Apr '66.

GEOLOGY—CONGRESSES

Conference on the Study of Landslides and Measures for Controlling them. Geol. zhur. 24 no. 6:102-111 '64.

GEOLOGY—INTERNATIONAL COOPERATION see subdivision under Cuba

GEOLOGY—MAPS

(see also subdivision under Msta Valley; Volga Valley) Mapping the roof of low-resistance sediments using the method of telluric currents. I. A. Iakovlev. Prikl. geofiz. no. 4:59-60 '65.

Some problems of the methodology of detailed geological and geophysical studies in closed areas. A. N. Kremeev, A. A. Shagin. Sov. geol. 9 no. 5:88-100 My '66.

GEOLOGY—TERMINOLOGY

Incorrectly used geological terminology. S. M. Apresov. Izv. AN SSSR. Ser. geol. 31 no. 5:116-119 My '66.

GEOLOGY, ECONOMIC

Dolitskii, V. A. [Geological interpretation of geophysical well data] Geologicheskaya interpretatsiya materialov geofizicheskikh issledovaniy skvazhin, Moskva, Nedra, 1966. 385 p.

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Alavord District; Altai Mountains; Aras Valley; Armenia; Azerbaijan; Balkan Mountain region; Caspian Lowland; Caucasus; Delin'ya Valley; Dnieper-Donets Lowland; Fennoscandia; Kamchatka; Karaginsk Island; Kirensk Hydroelectric Power Station region; Kopetdag; Kurama Range; Kuznetsk Basin; Kyzyl Kum; Latvia; Mongolia; Murabek region, Uzbekistan; Pamirs; Russia, Southern; Sakhalin; Siberia; Sultan Ulztag; Tajikistan; Tompo Valley; Transcarpathia; Ural Mountain region; Ural Mountains; Yenisey Range)

Importance of V. I. Gromov's works in the development of Quaternary geology. K. V. Nikiforova. Biol. Kom. chetv. per. no. 32:3-8 '66.

GEOLOGY, STRUCTURAL

(see also subdivision under Altai Mountains; Armenia; Azerbaijan; Baltic Sea region; Baltic Shield; Bozoyanyany Volcano; Black Sea region; Caspian Lowland; Caucasus; Chingiztau; Czechoslovakia; Dnieper-Donets Lowland; Kafan District; Kazakhstan; Kobyshtan; Kura Lowland; Kyzyl Kum; Mediterranean region; Sayan Mountains; Sevan Lake region; Siberia, Eastern; Siberian Platform; Soviet Far East; Talas Alatau; Tostor Valley; Tien Shan; Transcaucasia; Turan Plateau; Ural Mountain region; Volga Valley)

Bottom turbidity currents and tectonics. V. A. Grossgeim. Sov. geol. 8 no. 9:124-129 S '65.

Comparative tectonics of the basement of ancient platforms and the history of their formation. M. V. Muratov. Izv. vys. ucheb. zav. i razv. 9 no. 3:3-48 Mr '66.

Horizontal crustal movements. A. I. Rybkin. Dokl. AN SSSR 168 no. 2:416-419 My '66.

Tectonic position of Paleozoic phosphorite-bearing formations. V. L. Librovich. Trudy VSEGEI 128:66-72 '66.

GEOLOGY, STRUCTURAL—MAPS

Method of making structural maps of tectonic areas. E. A. Skobelin. Geol. nefi i gaza 10 no. 5:28-32 My '66.

GEOMETRY

Some systems of axioms of geometrical constructions by the aid of a ruler and a standard of length. P. M. Olonchev. Ukr. geom. sbor. no. 1:87-94 '65.

Testenko, I. F. [Elementary mathematics: geometry] Elementarna matematika: geometriya. Kyiv, Radhins'ska shkola, 1963. 270 p.

Tralnin, I. A. L. [Principles of geometry; a handbook for pedagogical institutes] Osnovaniya geometrii; posobie dlya pedagogicheskikh institutov. Pod red. I. I. Sorokina. Moskva, Gos. ucheb.-pedagog. izd-vo M-vy prosvetsheniya RSFSR, 1961. 325 p. (Nhi)

GEOMETRY, DESCRIPTIVE

Calculation of screw surfaces by the proportional division method. I. U. G. Bulychev. Sbor. trud. Mosk. tekhn. inst. no. 8:157-163 '64.

GEOMETRY, DESCRIPTIVE—PROBLEMS, EXERCISES, ETC.

Val'tsgerfer, V. L. [Collection of problems in descriptive geometry] Shkola zadach po nachertatel'noi geometrii. Izd. 4. Moskva, Mosk. inzhenerno-fizicheskii in-l, 1965. 48 p.

GEOMETRY, DIFFERENTIAL

Congruences of straight lines in P_4 having osculating linear families. V. G. Sycheva. Trudy MIIT no. 222:34-43 '65.

Focal properties of ruled surfaces in n -dimensional projective space. V. S. Vaksmann. Trudy MIIT no. 222:5-12 '65.

Focal pseudocongruence of elliptic straight lines in an S_4^1 space. M. A. Voitenko. Trudy MIIT no. 222:23-33 '65.

Representation of pseudocongruences of straight lines of the quasi-elliptic space S_{n+1}^1 . M. A. Voitenko. Trudy MIIT no. 222:13-22 '65.

GEOMETRY, DIFFERENTIAL—PROJECTIVE

Theory of the projective-differential geometry of a pair of surfaces. G. I. Studentsov. Ukr. geom. sbor. no. 1:102-106 '65.

GEOMORPHOLOGY

(see also subdivision under Bulla Island; Ural Mountain region)

Problems of geomorphology in Ivan Semenovich Shchukin's work. A. I. Spilidov. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:12-18 Mr-Apr '65.

Ternovskaya, V. T., E. V. Arlushkov, and V. N. Slavyanov. [Paleogeomorphological method of prognosticating rock deformations] Paleogeomorfologicheskii metod prognoza deformatsii gorn'nykh porod. Moskva, Nauka, 1966. 112 p.

GEOMORPHOLOGY—MAPS see subdivision under Soviet Central Asia; Ukraine

GEOPHYSICS

(see also subdivision under Trans-Ili Alatau) Fundamentals of geomechanics. S. M. Al'vazian. Izv. AN Arm. SSR. Nauki o zem. 18 no. 1:2:147-158 '66.

GEORGIA—ANTIQUITIES

Some results of the excavation of Amiran's-Gora hill in southern Georgia. T. N. Chubinskii. Krat. soob. Inst. arheol. no. 106:58-73 '66.

GEORGIA—BOTANY, ECONOMIC

Kutateladze, Sh. I., I. P. Mandenova, and A. S. Slikhian. [Useful plants. Poleznye rasteniya. Tbilisi, Metsnereba. In Georgian] No. 1. [Wild fruit trees in eastern Georgia. Dikoraustushchye plodovye Vostochnoi Gruzii] 1965. 74 p. illus. (DNL)

GEORGIA—ETHNOLOGY

[Problems of the ethnography of Georgia; papers by young scientists] Voprosy etnografii Gruzii; trudy molodykh sotrudnikov. Tbilisi, Sakhchola Sakartvelo, 1964. 311 p. (CIU)

GEORGIA—FRUIT TREES

Kutateladze, Sh. I., I. P. Mandenova, and A. S. Slikhian. [Useful plants. Poleznye rasteniya. Tbilisi, Metsnereba. In Georgian] No. 1. [Wild fruit trees in eastern Georgia. Dikoraustushchye plodovye Vostochnoi Gruzii] 1965. 74 p. illus. (DNL)

GEORGIA—HISTORY

Akademiya nauk Gruzinskoi SSR, Tbilisi. Institut istorii, arkhologii i etnografii. [Pages from the history of Georgia] Stranitsy iz istorii Gruzii. Tbilisi, [Literatura da ikhtovneba] 1965. 200 p.

GEORGIA—ORE DEPOSITS

Content of selenium and tellurium in various types of sulfide mineralization in Georgia. M.I. Dzhandzhgava. *Geokhimiia* no. 5:579-585 My '66.

GEORGIA—PALEOBOTANY, STRATIGRAPHIC

Uznadza, M.D. [Neogene flora of Georgia] Neogenovaya flora Gruzii. Tbilisi, Metsnereba, 1965. 187 p. (Akademika nauk Gruzinskoi SSR. Geologicheskii institut. Trudy, no. 2)

GEORGIA—POLITICS AND GOVERNMENT

Kommunisticheskaia partiia Gruzii. Tsentralnyi Komitet, 23. s'ezd. [Report of the Central Committee of the Communist Party of Georgia to the 23d Congress of the Communist Party of Georgia. Resolution of the 23d Congress of the Communist Party of Georgia on the report of the Central Committee of the Communist Party of Georgia] Otchet Tsentral'nogo Komiteta KP Gruzii XXIII s'ezdu Kompartii Gruzii po otketu Tsentral'nogo Komiteta KP Gruzii. Tbilisi, Izd-vo TsK KP Gruzii, 1965. 70 p.

GEORGIA—THEATER

Salina, E.A. [Memoirs] Vospominaniia. Tbilisi, Izd-vo Literatura da Khelovneba, 1965. 213 p.

GEORGIA—TROPICAL CROPS—FERTILIZERS AND MANURES

Basic results of the use of fertilizers for subtropical crops in western Georgia. M. V. Gabisonia, Vilian, dilt. prim. udob. na plod. poch. i prod. savochor. no. 2: 315-329 '64.

GERBILS AS CARRIERS OF DISEASE see subdivision under Kazakhstan; Kyzyl Kum

GERENCHUK, KALINIK IVANOVICH, 1904-

Kalinik Ivanovich Gerenchuk; on his 60th birthday. M. M. Kolaov, G. P. Miller. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:81 Mr-Apr '65.

GERIATRICS

Bathological treatment of elderly patients with dystrophic (noninfectious) lesions of joints. M. N. Syroechkovskaya. Trudy MOIP, Otd. biol. 17:216-225 '66.

Biological stimulation of the organism in elderly persons with manifestations of atherosclerosis. N. A. Kaplun, E. T. Kornarova, N. V. Puchkov. Trudy MOIP, Otd. biol. 17:195-201 '66.

Capacity for work in patients of middle and elderly age following myocardial infarction. N. D. Abramova and others. Trudy MOIP, Otd. biol. 17:30-38 '66.

Correlation of glycoprotein fractions as an index of age-related changes and of the effectiveness of treatment with geriatric preparations. E. A. Al'tshuler, A. V. Kolosov. Trudy MOIP, Otd. biol. 17:180-184 '66.

Course of pulmonary tuberculosis and the effectiveness of antibacterial therapy in elderly persons. A. A. Reinval'd. Probl. tub. no. 7:31-36 '65.

Development of small intramural arteries in the myocardium of old persons. T. G. Chumakova. Arkh. pat. 28 no. 3:57-61 '66.

Disorders of carbohydrate and nitrogen metabolism in vascular disorders (infarct, insult) in elderly persons. O. L. Bobrova. Trudy MOIP, Otd. biol. 17:171-179 '66.

Distribution and clinical characteristics of diseases in elderly persons. A. A. Gal'perin, I. I. Chetvarikova. Trudy MOIP, Otd. biol. 17 '66.

Echinococcosis in elderly and senile age. G. A. Dudkevich. Trudy MOIP, Otd. biol. 17:264-267 '66.

Evaluation of the effectiveness of geriatric treatment based on the indices of potassium metabolism. I. A. Aleev. Trudy MOIP, Otd. biol. 17:185-188 '66.

Gerontologic center. Chuka and others. Sov. med. 28 no. 9:141-143 S '64.

Maprostan as a medicinal substance. Use of maprostan in preventive and clinical geriatrics; a review. Report No. 1: Characteristics of maprostan as a medicinal substance. E. G. Popova. Trudy MOIP, Otd. biol. 17:1234-1232 '66.

Methodology of examination and estimation of the effectiveness of physical exercise on the organism of middle-aged, elderly, and senile persons. A. N. Trankvillitski. Trudy MOIP, Otd. biol. 17:273-277 '66.

Pathogenetic therapy of some cardiovascular diseases in elderly persons. I. A. U. Shpir. Trudy MOIP, Otd. biol. 17:151-162 '66.

Physiological and chemical characteristics of aptitude to efficiency gain in muscle activity and restitution during periods of rest in persons of middle and elderly age. A. F. Krasnova, N. N. Iakovlev. Fiziol. zhur. 52 no. 5: 504-511 My '66.

Some diseases of the joints in elderly age and treatment of the patients with artificial iodine bromide waters. L. Z. Vul'ison. Trudy MOIP, Otd. biol. 17:226-233 '66.

Some rare variants of an atypical course of myocardial infarct in elderly and senile age. T. Z. Gurevich, I. A. Karmazin, V. I. Rovinski. Trudy MOIP, Otd. biol. 17:256-259 '66.

Studies of vascular and tissular permeability and H^{31} metabolism in vitamin therapy of elderly and senile persons with atherosclerosis of various vascular regions. A. A. Maderanov. Trudy MOIP, Otd. biol. 17:189-194 '66.

Use of anabolic hormonal preparations under conditions of a geriatric office. T. A. Mart'ianova, T. K. Usatenko. Trudy MOIP, Otd. biol. 17:253-257 '66.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMANIUM

Electrochemical polishing of germanium. E. N. Paleolog, A. Z. Fedotova. Elektrokimiia 2 no. 5:547-550 My '66.

Instability effect in the injection of carriers in n-type germanium alloyed with gold. M. I. Igltayn, L. I. A. Perova, V. I. Fietul'. Radiotekh. i elektron. 11 no. 5:894-900 My '66.

Tensogalvanomagnetic effects in n-Ge. V. S. L'vov, T. V. Smirnova. Fiz. tver. tela 8 no. 5:1365-1373 My '66.

Thermomagnetic effects in deformed n-Ge. V. S. L'vov, T. V. Smirnova. Fiz. tver. tela 8 no. 5:1617-1620 My '66.

GERMANIUM—ELECTRIC PROPERTIES

Current instability and electric domains in compensated germanium. N. G. Zhdanova, M. S. Kagan, S. G. Kalashnikov. Fiz. tver. tela 8 no. 3:788-791 Mr '66.

Recombination of hot electrons on repellent impurity centers in germanium. N. G. Zhdanova, M. S. Kagan, S. G. Kalashnikov. Fiz. tver. tela 8 no. 3:774-782 Mr '66.

GERMANIUM—PHOTOELECTRIC PROPERTIES

Negative photoconductivity in germanium. D. A. Romanychev. Fiz. tver. tela 8 no. 5:1645-1647 My '66.

Surface photoconductivity of germanium. A. V. Rzhanov and others. Fiz. tver. tela 8 no. 3:758-766 Mr '66.

GERMANIUM—PIEZOELECTRIC PROPERTIES

Dependence of the piezoresistance of germanium on the electric field. M. Ashe, V. M. Bondar, O. G. Sarbel. Fiz. tver. tela 8 no. 4:1186-1192 Ap '66.

GERMANIUM—SPECTRA

Recombination radiation from heavily doped germanium. A. A. Rogachev, N. I. Sablina. Fiz. tver. tela 8 no. 3: 866-871 Mr '66.

GERMANIUM—ALUMINUM-CARBON ALLOYS see Aluminum-germanium-carbon alloys

GERMANIUM CRYSTALS—DEFECTS

Effect of vacancies and their coagulation on the anomalous transmission of X rays. A. M. Elistratov, L. I. Datsenko. Fiz. tver. tela 8 no. 3:800-815 Mr '66.

GERMANIUM CRYSTALS—SPECTRA

Spectra and photoconductivity kinetics of p and n-germanium irradiated with fast electrons at 100° and 5.2° K. I. P. Akimchenko, M. I. Ginzburg, A. F. Plotnikov. Fiz. tver. tela 8 no. 4:1168-1175 Ap '66.

GERMANIUM HALIDES

Phase equilibrium in certain systems with germanium halides. V. N. Cherniaev and others. Izv. vys. uchob. zav.; tsvet. met. 9 no. 2:97-102 '66.

GERMANIUM HYDRIDES

Kinetics of the thermal decomposition of monogermane. G. G. Devlatykh, I. A. Frolov. Zhur. neorg. khim. 11 no. 4:708-713 Ap '66.

Preparation of high-purity monogermane. G. G. Devlatykh, I. A. Frolov, N. Kh. Aglulov. Zhur. neorg. khim. 11 no. 4:714-719 Ap '66.

GERMANIUM ORGANIC COMPOUNDS see Organogermanium compounds

GERMANIUM OXIDES

Solubility of germanium dioxide in hydrochloric acid. L. N. Shigina, V. M. Andreev. Zhur. neorg. khim. 11 no. 4:870-877 Ap '66.

GERMANIUM-SILICON ALLOYS see Silicon-germanium alloys

GERMANIUM TELLURIDE

Mechanism underlying current carrier scattering in germanium telluride. L. M. Sysoeva, E. I. A. Lev, N. V. Kolomoets. Fiz. tver. tela 8 no. 4:1212-1216 Ap '66.

GERMANY—COLONIES—AFRICA see Africa—German colonies

GERMANY—LABOR AND LABORING CLASSES

Volgograd. Pedagogicheskii institut. [Problems of the workers' movement in Germany in recent times] Voprosy rabochego dvizheniia Germanii v novshee vremia. Volgograd, Izd-vo Saratovskogo univ., 1965. 132 p. (CS-11)

GERMANY—PETROLEUM GEOLOGY

Aizenshtadt, G. E. -A., and M. V. Gorfunkel'. [Tectonics and oil potential of the Caspian and North German lowlands; comparative analysis] Tektonika i neftenosnost' Prikaspiiskoi i Severo-Germanskoi vpadin; sravnitel'nyi analiz. Leningrad, Nedra, 1965. 152 p. (Leningrad. Vsesoluznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 246)

GERMANY, EAST—BIBLIOGRAPHY

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Resp. no. 4 '66.

GERMANY, EAST—COMMERCE

The new economic system and the foreign trade of the Democratic Republic of Germany. N. Popov. Vnesh. torg. 46 no. 4:5-9 '66.

GERMANY, EAST—COMMUNIST PARTY

The 20th anniversary of the German Socialist Unity Party. Kurt Hager. Nov. i novshee. lit. no. 3:9-21 '66.

GERMANY, EAST—CRANES, DERRICKS, ETC.—SAFETY APPLIANCES

Antenna on a motor crane. W. Streblau. Izobr. i rais. no. 4:5 Ap '66.

GERMANY, EAST—ECONOMIC POLICY

The new economic system and the foreign trade of the Democratic Republic of Germany. N. Popov. Vnesh. torg. 46 no. 4:5-9 '66.

GERMANY, EAST—EDUCATION, PRESCHOOL

Preschool education in the German Democratic Republic. P. Shuvarikov. Doshk. vosp. 39 no. 4:105-106 Ap '66.

GERMANY, EAST—HISTORICAL RESEARCH

Soviet cooperation with the German Democratic Republic in the field of historical research. A. H. Chernov. Nov. i novshee. lit. no. 3:192 '66.

GERMANY, EAST—INTERNATIONAL STATUS

Political "doctrine" and doctrinaire policy. G. Rozanov. Kommunist 43 no. 8:110-116 My '66.

GERMANY, EAST—POSTAGE STAMPS

Postage stamps of the German Democratic Republic. M. Ginzburg. Knizh. torg. 17 no. 5:16-17 My '66.

GERMANY, EAST—RELATIONS (GENERAL) WITH RUSSIA

[Like brothers: Donetsk - Magdeburg; a collection of essays, reports, and correspondence on the friendly relations between the workers of the Magdeburg District and Donetsk Province] Pobratimiy: Dmestak - Magdeburg; sbornik ocherkov, reportazhez, korespondentski o družestvikh svyazakh truzhnikov Magdeburgskogo okruga i Donetskoi oblasti. Donetsk, Donbass, 1965. 203 p.

GERMANY, EAST—TEACHERS, TRAINING OF

Training of primary grade teachers in the German Democratic Republic. Walter Brel. Sred. shkola. obr. 13 no. 4:52-53 Ap '66.

GERMANY, WEST—AGRICULTURAL CHEMICALS

Granulated preparations in the German Federal Republic. I. A. Metsakhovich. Zashch. rast. 11 no. 4:54 '66.

GERMANY, WEST—ARMY

Bundeswehr, land forces. V. Zharov. Tekh. i vooruzh. 24 no. 1:78-85 Ja '66.

GERMANY, WEST—FOREIGN RELATIONS

Political "doctrine" and doctrinaire policy. G. Rozanov. Kommunist 43 no. 8:110-116 My '66.

GERMANY, WEST—HYDROLOGY—RESEARCH

Water balance of the German Democratic Republic. Priroda 55 no. 5:115-116 My '66.

GERMANY, WEST—JOB DESCRIPTIONS

Method for establishing the wage schedule and work classification in the industry of the Federal Republic of Germany under the conditions of technological progress. G. Kalrova. Sots. trud. 11 no. 5:131-135 '66.

GERMANY, WEST—MILITARY POLICY

Anticommunism in the service of imperialist reaction. A. Babakov. Komm. Vooruzh. Sil 47 no. 10:75-80 My '66.

For peace in Europe and European security. E. Grigor'ev. Komm. Ukr. 40 no. 5:37-42 My '66.

- GERMANY, WEST—SOCIAL DEMOCRATIC PARTY**
Marking time. A. Grigor'ants. Nov. vrem. 23 no. 24: 9-10 Je '66.
- GERMINATION**
(see also subdivision under *Arctic regions*)
Effect of fungi of the order Microasales on the growth of barley and oat shoots. T. S. Kyrylenko. Mikrobiol. zhur. 28 no. 3:48-54 '66.
- Effect of transparent and opaque coverings on the germination of weed seeds in the soil. I. B. Rebut, B. P. Goncharov, L. N. Abrosimova. Sbor. trud. po agron. fiz. no. 12:5-15 '65.
- Histochemical characteristics of germinating corn seeds varying as to their resistance to herbicides. A. P. Volynets, S. M. Mashnikov. Dokl. AN BSSR 10 no. 4: 258-261 Ap '66.
- Seed germination of some ornamental perennials of the Stavropol' Territory flora. V. V. Skripchinskii. Bot. zhur. 51 no. 4:553-557 Ap '66.
- GERONT'EV, VLADIMIR IVANOVICH, 1889-1966**
Vladimir Ivanovich Geront'ev; an obituary. Ugol' 41 no. 5:79 My '66.
- GETTERS**
Cherepnin, N. V. [Vacuum properties of materials for electronic devices] Vakuunnye svoystva materialov dlia elektronnykh priborov. Moskva, Sovetskoe radio, 1966. 349 p.
- GIARDIASIS**
Study of 1-methyl-4-chloro-5-nitroimidazole (chlomazole) in experimental trichomoniasis and giardiasis. F. N. Ismailov, M. A. Novitskaya, G. N. Pershin. Farm. i toks. 29 no. 2:201-206 Mr-Apr '66.
- GIBBERELLIN**
Dynamics of natural gibberellins in various photoperiodic cycles. V. N. Lozhnikova. Dokl. AN SSSR 168 no. 1:223-226 My '66.
- GIFTED CHILDREN**
...And he dreams. E. Chernitskaya. Doshk. vosp. 39 no. 4:81-82 Ap '66.
- GIMOV, MIKHAIL ANDREEVICH, 1888-1922**
Savich, M. M. [Veteran of three revolutions] Veteran trekh revoliutsii. Saratov, Privolzhskoe kul'noe izd-vo, 1965. 45 p. (CS-II)
- GINSENG**
Pharmacology of the individual glycosides from the roots of ginseng (*Panax ginseng* C. A. Mey.). I. I. Breckman, I. V. Bardymov, I. I. Dobrinikov. Farm. i toks. 29 no. 2:167-171 Mr-Apr '66.
- GIRDERS** see Beams and girders
- GISSAR RANGE—ALPINE FLORA**
Biological productivity of basic alpine flora types in the Gissar Range. N. G. Kaletkina. Dokl. AN Tadzh. SSR 9 no. 4:42-44 '66.
- GISSAR RANGE—BITUMEN—GEOLOGY**
Disseminated bitumens in the granitoids of the Gissar Range (Tajikistan). V. V. Mogilevskii and others. Dokl. AN SSSR 168 no. 3:669-671 My '66.
- GLACIAL EPOCH**
(see also subdivision under *Armenia*; *Fennoscandia*; *Siberia*, *Western*)
Intensity of glacial denudation and continental glaciations. N. I. Nikolaev, A. I. Mediantsev. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:43-47 Mr-Apr '66.
- GLACIERS** see subdivision under *Dzungarian Alatau*; *Trans-Ili Alatau*; *Zungezur Range*
- GLADKOV, NIKOLAI ALEKSEEVICH, 1905-**
Nikolai Alekseevich Gladkov on his 60th birthday. A. G. Voronov. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:80-81 Mr-Apr '66.
- GLANDS, DUCTLESS** see Endocrine glands
- GLASS**
Statistical theory of the strength of glass. V. A. Rishov, D. V. Fedoseev. Dokl. AN SSSR 168 no. 3:567-568 My '66.
- GLASS—TESTING**
Strength of glasses hardened in polyorganosiloxane liquids. I. I. Khaigorodskii, S. I. Sil'vestrovich, V. M. Firsov. Trudy MKHTI no. 45:145-153 '64.
- GLASS, COLORED**
Borolead white and red enamels on glass. N. M. Pavlushkin, A. K. Zhuravlev. Trudy MKHTI no. 45:154-159 '64.
- GLASS BLOWING AND WORKING—EQUIPMENT AND SUPPLIES**
Gladstein, I. E., and I. A. Ginzburg. [Molds for the production of glassware] Formy dlia proizvodstva stekliannykh izdelii. Moskva, Legkaya industriia, 1966. 227 p.
- GLASS CONSTRUCTION**
Suchkov, A. E. [Substitutes for metals in the machinery industry] Zameniteli metallov v mashinostroenii. Minsk, Belarus', 1965. 45 p.
- GLASS FACTORIES** see subdivision under *Gomel'*
- GLASS FIBERS**
Bacalova, E. I., ed. [Technology of textile glass fibers; their production and processing] Tekhnologiya tekstil'nogo steklovolokna; poluchenie i pererabotka. [By] V. K. Razumovskii i dr. Moskva, Khimika, 1966. 326 p.
- GLASS MANUFACTURE** see subdivision under *Lithuania*
- GLASS REINFORCED PLASTICS**
Cement stone strengthened by glass-reinforced fiber. P. P. Dudnikov and others. Stroitel. mat. 12 no. 4:17-19 Ap '66.
- Effect of some initiating systems on the setting of binders of sheet glass plastics. A. I. Volk and others. Plast. massy no. 5:32-33 '66.
- Exothermal nature of the setting of some binding agents for glass plastics. N. N. Zaslavskii, Z. P. Iazon, B. V. Volkov. Plast. massy no. 5:15-17 '66.
- Starozhitskii, P. A. [Prestressed glass-reinforced plastics] Predvaritel'no napriazhennye stekloplastiki. Leningrad, 1965. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Sorita: stroitel'nye materialy i konstruktsii)
- Translucent panels of glass reinforced plastics. Prom. stroit. 43 no. 5:49-51 '66.
- GLASS REINFORCED PLASTICS—TESTING**
Fatigue resistance and the dissipation of cyclic durability of some glass-reinforced plastics subjected to bending. M. I. A. Gal'perin. Mashinovedenie no. 3:82-91 '66.
- GLASSWARE**
Gladstein, I. E., and I. A. Ginzburg. [Molds for the production of glassware] Formy dlia proizvodstva stekliannykh izdelii. Moskva, Legkaya industriia, 1966. 227 p.
- GLASSWORKERS**
Social structure of laborers at the glass factories of landed gentry in the middle of the 18th century. Ch. G. Vododarskaya. Uch. zap. Ped. inst. Gerts. 278:177-211 '65.
- GLAUCOMA**
Consultations. I. U. I. Zelkson. Apt. delo 15 no. 2:87 Mr-Apr '66.
- Ustinova, E. I. [Methods for early diagnosis of glaucoma] Metody rannego diagnostiki glaukomy. Pod red. P. E. Tikhomirova. [Leningrad] Meditsina, 1966. 180 p. (Biblioteka prakticheskogo vracha) (DNLM)
- GLAZES**
Crystallization of strontium-zinc glazes. I. U. G. Shteinberg, A. N. Belova, I. V. Bochkareva. Zhur. prikl. khim. 38 no. 8:1683-1687 Ag '65.
- GLIDING AND SOARING**
Meteorology and gliding. P. Vorontsov. Kryl. rod. 16 no. 4:24-25 Ap '65.
- GLOBULIN**
Globulins in the seeds of *Phaseolus aureus* (Roxb.) Pip. V. V. Safanova. Dokl. AN SSSR 168 no. 2:450-462 My '66.
- Study of some physicochemical and antigenic properties of γ -globulin during prolonged storage. M. Z. Rudnitskaya. Probl. gemat. i perel. krov. 11 no. 3:45-48 Mr '66.
- GLOMERULONEPHRITIS**
Effect of prednisolone on the course of experimental glomerulonephritis. K. N. Bykovskaya, A. M. Vikhert, G. A. Glezer. Arkh. pat. 28 no. 4:25-31 '66.
- GLUCOFRANGULIN**
Chemical study of substance D, the biologically most active component of the preparation kofrangel. O. F. Koval'ov, I. P. Koval'ov, M. I. A. Trepp. Farmatsev. zhur. 28 no. 3:56-58 '65.
- GLUCOKINASE**
Glucokinases of the epididymal adipose tissue in rats. K. G. Gromova, F. B. Mal'gal', I. B. Solteranova. Biokhimiia 31 no. 2:291-298 Mr-Apr '66.
- GLUCONIC ACID**
Effect of a solvent on the dissociation constants of gluconic acid and stability constants of gluconate complexes of rare-earth elements. N. A. Kostromina, E. D. Romanenko. Zhur. neorg. khim. 11 no. 5:116-123 My '66.
- GLUCOSAMINE**
Regularities of the absorption of tetracycline in its experimental introduction jointly with glucosamine. V. P. Sobolev, I. S. Molochkova, N. E. Nikolaeva. Antibiotiki 11 no. 4:373-376 Ap '66.
- Some C-substituted D-glucosamine. I. U. A. Zhdanov, V. I. Kornilov. Izv. vuz. vych. uch. zav. i khim. i khim. tekhn. 9 no. 1:65-66 '66.
- GLUCOSE**
Catalytic effect of nitrogen-containing compounds on the isomeric conversions of carbohydrates. Part I: Effect of aliphatic amines on α , β -isomerization of d-glucose. V. A. Afanas'ev, D. V. Mal'kovskaya. Khim. i tekhn. 7 no. 2:330-332 Mr-Apr '66.
- Quantitative changes of reducing sugars during the concentration of meat broth. G. G. Vol'fson. Vop. pit. 23 no. 4: 76-77 Ji-Ag '64.
- GLUCOSE—PHYSIOLOGICAL EFFECT**
Bilogenic function of the liver in the combined introduction of pyridoxine with glucose in acute experimental hepatitis. I. M. Paschuk. Farm. i toks. 29 no. 2: 192-196 Mr-Apr '66.
- GLUCOSE—THERAPEUTIC USE**
Experimental and clinical data on the action of glucose on the uterus of cows. V. M. Vashobainkov. Uch. zap. Viteb. vet. inst. 18:297-305 '64.
- GLUCOSE METABOLISM**
Enzymes of glucose-6-phosphate metabolism in denervated liver. K. I. Shnygina. Vop. med. khim. 12 no. 3:258-261 My '66.
- Role of the capillary wall in the permeation of substances; experiments with glucose. T. K. Vysockina, K. A. Shoshenko. Fiziol. zhur. 51 no. 2:22-229 F '65.
- GLUCOSE OXIDASE**
Seminar-symposium on the use of enzymatic preparation of glucose oxidase in the food industry. A. A. Trushchinskaya. Mikrobiol. zhur. 28 no. 2:169 '66.
- GLUCOSE PHOSPHATES**
Quantitative changes of reducing sugars during the concentration of meat broth. G. G. Vol'fson. Vop. pit. 23 no. 4: 76-77 Ji-Ag '64.
- GLUCOSE PHOSPHATES—THERAPEUTIC USE**
Use of sodium glucose diphosphate on patients with mitral defects. E. G. Barmenko, K. A. Sergeeva. Kardiologiya 4 no. 2:70-72 Mr-Apr '64.
- GLUCURONIC ACID**
Acid hydrolysis of polyglucuronic acid. I. Rusanak. Vysokom. soed. 8 no. 3:952-954 My '66.
- GLUING**
Durability of a glued joint. R. M. Khushnikova. Trudy MIT no. 225:132-142 '66.
- Vashechev, N. V. [Effect of moisture in the air and in wood on the strength of glued joints] Vliianie vlazhnosti vozdukh i drevessiny na prochnost' kleevykh soedinenii. Moskva, Lesnaya promyshlennost', 1966. 86 p.
- GLUTAMIC ACID**
Resistance of folic acid reductases of the human blood plasma to aminopterin. N. A. Andreeva, A. V. Sergeev, R. I. Efimova. Dokl. AN SSSR 168 no. 1:204-206 My '66.
- GLUTAMIC ACID—PHYSIOLOGICAL EFFECT**
Effect of aminopterin on compensatory hypertrophy of the heart. V. V. Dergachev. Blud. okap. biol. i med. 58 no. 9:31-34 S '64.
- GLUTAMINASES**
Purified preparations of glutaminase from *Clostridium welchii* SR-12. S. R. Mardashev, A. V. Gerasimova, E. A. Kozlov. Mikrobiologiya 35 no. 2:223-227 Mr-Apr '66.
- GLUTARIC ACID**
Physicochemical study of the system sodium hydroxide - trihydroxyglutaric acid - water at 25° C. A. I. Putyn', E. M. Sivars, A. F. Levin'sh. Zhur. ob. khim. 36 no. 5:777-780 My '65.
- GLUTARIMIDE**
New drugs. Farmatsev. zhur. 19 no. 2:93-95 '64.
- GLYCEROL**
Preparation of glycerol diethers of the acetylenic series. S. S. Sabirov and others. Dokl. AN Tadzh. SSR 9 no. 4:10-22 '66.
- GLYCEROL—PHYSIOLOGICAL EFFECT**
Injurious effect of the high hydrostatic pressure and heating on the elated epithelium cells and the protective action of glycerol. N. I. Aronov. Tsitologiya 6 no. 4: 432-442 Ji-Ag '64.

GLYCEROPHOSPHATE DEHYDROGENASE

Cytochemical study of succinic dehydrogenase and alpha-glycerophosphate dehydrogenase distribution in the Deiters' nucleus of a rabbit, N.N. Kul'tas. *TSitologiya* 8 no. 4:452-457 JI-Ag '64.

GLYCIDOL

Interaction of triorganylchlorosilanes with allyl glycidyl ether and epichlorohydrin. N.F. Orlov, O.F. Viktorov. *Zhur. obshch. khim.* 36 no. 3:909-912 My '66.

GLYCOGEN

"Cardiac colloid" (basophilic degeneration of the myocardium) and its connection with glycogen. K.M. Danilova, M.P. Medvedeva. *Arkh. pat.* 28 no. 3:61-66 '66.

GLYCOGEN IN THE BODY

State of glycogen resources in the liver of fish infested with plerocercoids of *Triaenophorus nodulosus* (Cestoda, Pseudophyllidae). A.M. Lopukhina. *Zool. zhur.* 45 no. 5:702-705 '66.

GLYCOLS

S-carbamylglythylglycol derivatives of sulfanilamide preparations. V.I. Iakubych. *Farmatsev. zhur.* 21 no. 2:14-16 '66.

Synthesis and study of conversions of acetylenic α -glycols. Part 10: Pinacol-pinacolone rearrangement of secondary-tertiary and ditertiary acetylenic α -glycols under the effect of concentrated sulfuric acid. T.A. Favor'skaia, G.M. Tol'stopiatov. *Zhur. obshch. khim.* 36 no. 5: 801-805 My '66.

GLYCOLYSIS

Glycolysis in thermoregulatory separation of respiration and phosphorylation. E.A. Mishukova. *Vop. med. khim.* 12 no. 3:302-309 My-Je '66.

Mechanism of the effect of polyene antimycotic antibiotics on the glycolysis in animal tissues. A.N. Klimov, V.N. Litvinova. *Biokhimiia* 31 no. 2:246-252 Mr-Apr '66.

Oxidative and glycolytic processes in chronic hepatitis intoxication. F.A. Onikienko. *Vop. med. khim.* 12 no. 3:297-302 My-Je '66.

GLYCOPROTEINS

Correlation of glycoprotein fractions as an index of age-related changes and of the effectiveness of treatment with geriatric preparations. E.A. Al'tshuler, A.V. Kul'sov. *Trudy MOIP, Otd. biol.* 17:160-184 '66.

Diagnostic significance of glycoproteins in the cerebrospinal fluid of patients with brain tumors. U.B. Makhmur-dov. *Vop. neirokhir.* 28 no. 3:49-52 My-Je '64.

GLYCOSIDES

Gradual fermentative hydrolysis of securidaside. V.V. Zatul, P.I. Hvozdiak. *Farmatsev. zhur.* 21 no. 2: 60-63 '66.

Pharmacology of the individual glycosides from the roots of ginseng (*Panax ginseng* C.A. Mey.). I.I. Brekhanov, I.V. Dardymov, I.U. Dobriakov. *Farm. i toks.* 20 no. 2:167-171 Mr-Apr '66.

Study of glycoside isolated from the roots of *Rumex confertus* Willd. Report No. 3. O.K. Buhrii, P.IE. Kryven-chuk. *Farmatsev. zhur.* 19 no. 2:80-84 '64.

GLYCOSIDES—ANALYSIS

Amalgamate content of rowan and canned fruit. D.K. Shap-piro, S.N. Bichevaia, L. Rabinovich. *Kons. i ov. prom.* 21 no. 5:32-33 My '66.

GLYOXIME

Reaction of molybdenum with dimethylglyoxime and tin dichloride. A.K. Dabko, P.B. Mikhel'son, V.F. Mikit-chenko. *Zhur. neorg. khim.* 11 no. 4:817-820 Ap '66.

Substitution reactions of acid-sulfite-bis-dimethylglyoxi-matocobaltates. G.P. Syrtsova, A.V. Ablov, L.N. Kor-letianu. *Zhur. neorg. khim.* 11 no. 5:1124-1129 My '66.

GLYOXYLIC ACID

Chemistry of keto acid esters of the acetylene series. Part 2: Addition of secondary amines to the esters of phenylglyoxal glyoxylic acid. I.I. Lapkin, I.U.S. Andrei-chikov. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 9 no. 1:157-159 '66.

GOATS AS LABORATORY ANIMALS

Hyperimmunization of goats for obtaining precipitating antithrax serum. L.E. Naimushina, S.G. Kolesov. *Trudy VNIIS* 10:228-231 '60.

GOBIES

(see also subdivision under Azov, Sea of; Caspian Sea)

New data on *Gobius paganelus* L. off shores of the Soviet Union. V.I. Pichuk. *Zool. zhur.* 45 no. 4:612-614 '66.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Chronicle of the life of N.V. Gogol'. E.S. Smirnova-Chi-kina. *Izv. AN SSSR, Ser. lit. i iz.* 25 no. 2:134-141 Mr-Apr '66.

Mrel'shvi, T.N. [Types of complex sentences in the language of N.V. Gogol' (Evenings on a farm near Di-kan'ka)] *Vidy slozhnopodchinennogo predlozhenia v ia-zyke N.V. Gogolia* (Vechera na khutore bliz Dikan'ki). Tbilisi, Izd-vo Tbilisskogo gos. univ., 1960. 306 p. (RPD)

Stepanov, A.N. [Nikolai Vasil'evich Gogol'; a biography of the writer (a textbook for students)] *Nikolai Vasil'evich Gogol'; biografiia pisatelja* (posobie dlia uchashchikhsia). Moskva, Prosveshchente, 1966. 135 p.

GOTTER

(see also subdivision under Kirghizistan)

Coronary insufficiency in toxic gotter. E.L. Kilinskii, L.S. Slavina. *Probl. endok. i gorm.* 12 no. 3:31-38 My-Je '66.

Endocrinological changes in the breast in cases of gotter and their treatment with iodine. E.M. Khavshanova. *Vop. onk.* 12 no. 5:32-35 '66.

Effect of local destruction of the reticular formation on the development of gotter in rabbits in response to introduction of methylthiourea. A.S. Efimov, I.U. Bushuev. *Probl. endok. i gorm.* 12 no. 3:97-101 My-Je '66.

Functional activity of the adrenal cortex in thyrotoxic gotter. A.I. Mamedov. *Azerb. med. zhur.* 41 no. 6: 40-41 Je '64.

Gitter of the tongue. G.I. Kovalenko. *Probl. endok. i gorm.* 12 no. 3:54-55 My-Je '66.

Histological and histochemical changes in adenohypophysis in different forms of endemic gotter. A.A. Dikstein. *Probl. endok. i gorm.* 10 no. 2:24-28 Mr-Apr '64.

Immediate and late results of surgical treatment in endemic gotter. E.M. Borovyi. *Sov. med.* 28 no. 9:23-26 S '64.

Late results of treating thyrotoxic gotter with radioactive iodine. E.D. Dubovyi, T.V. Varenenko, V.V. Demidova. *Med. rad.* 9 no. 4:31-36 Ap '64.

Rare case of a retroperitoneal position of aberrant gotter. I.U.T. Komarovskii, V.V. Zakhar'evskii, I.U. Korol'skii. *Probl. endok. i gorm.* 12 no. 3:50-54 My-Je '66.

Substantiation and the first results of a compound etiologi-cal and pathogenetic therapy of endemic gotter. A.S. Efimov, I.U.G. Mogil'naiia, M.I. Kalashnikova. *Probl. endok. i gorm.* 10 no. 2:6-10 Mr-Apr '64.

GOTTER—CLASSIFICATION

Cytological characteristics of various histological forms of gotter. L.M. Sarkisian. *Zhur. eksp. i klin. med.* 6 no. 1:99-105 '66.

GOLAYA PRISTAN' (UKRAINE)—BATHS, MOOR AND MUD

Belyi, P.S. ["Gopri" Sanatorium] *Sanatorii "Gopri."* 2. Izd. Odessa, Maik, 1966. 44 p. (DNLM)

GOLD—SPECTRA

Determining the purity of gold based on the reflection index in the violet part of spectrum. E.M. Muratov. *Izv. AN Kazakh. SSR, Ser. geol.* 23 no. 1:64-66 Ja-F '66.

GOLD ELECTRODES see Electrodes, Gold

GOLD MINES AND MINING see subdivision under Caucasus

GOLD MINES AND MINING—EQUIPMENT AND SUPPLIES

Boring of a mine shaft 2,226 m deep. N.K. Golovachov. *Shakht. stroit.* 10 no. 4:30-31 Ap '66.

GOLD ORES—CRUSHING AND GRINDING

Behavior of gold in the comminution process. M.L. Pevzner, V.I. Shcherbakov, I.A. Kosova. *TSvet. met.* 39 no. 6:11-12 My '66.

GOLD PLATING

Zel'tser, I.A.L., and E.G. Kruglova. [Industrial prac-tices of gilding parts in stationary and bell baths] *Proiz-vodstvennyi opyt zolocheniia detal' v statSIONARNYKH i kolokot'nykh vannakh.* Leningrad, 1966. 26 p. (Lenin-gradskii dom nauchno-tekhnicheskoi propagandy. Proiz-vodstvennyi opyt. Serija: Uchashenie kachestva, povy-shenie nadezhnosti i dologovechnosti mashin, priborov i drugikh promyshlennykh izdelii)

GOLD-SILVER ALLOYS—METALLOGRAPHY

Temperature dependence of a lattice parameter and the intensity of regular X-ray reflections for Au-Ag alloys. V.A. Val'chikovskaja, G.P. Kushta, O.I. Rybaito. *Fiz. met. i metallov.* 21 no. 4:519-523 Ap '66.

GOLDENEYE (INSECT)—EXTERMINATION

Goldeneye. E. Shcheglova. *Zashch. rast.* 11 no. 1:44-45 '66.

GOLODNAYA STEPPE—FERTILIZERS AND MANURES

Effectiveness of phosphorus fertilizers in light-colored Sterozems of the Golodnaya Steppe in relation with the saturation of soils with phosphates. Zh. I.A. Bat'-kaev. *Agrokhimia* no. 5:40-42 My '66.

GOLODNAYA STEPPE—RURAL CONSTRUCTION

The Golodnaya Steppe experiment. B. Pak. *Ekona. i zhizn* 8 no. 4:70 Ap '66.

GOMEL'—GLASS FACTORIES

Beginning of an economic reform at a plant. D.V. Zaitzinskii, A.P. Sadovskii. *Stroi. mat.* 12 no. 4:5-7 Ap '66.

GOMEL'—GLASS FACTORIES—MANAGEMENT

First steps, first experience. V. Budov. *Sov. profsoyuzy* 22 no. 9:4-5 My '66.

GOMEL'—SHIPBUILDING—TECHNOLOGICAL INNOVATIONS

At the plant council of the scientific technological society. N.K. Serdukov. *Prom. Bel.* 9 no. 1:51 Ja '66.

GOMEL'—WOODWORKING INDUSTRIES

Malashkova, L.A. [Those personally responsible] *Asablata adkaznyia.* Minsk, Belarus', 1960. 30 p. (Baltys plarednlaha krain)

GOMEL' PROVINCE—PRODUCE TRADE

What worries the purchasing agents. G. Koptelov. *Sov. petrob. koop.* 10 no. 5:39-40 My '66.

GONADOTROPIN

Determining the optimal dose of pregnant mare's serum for increasing the fertility of Karakul sheep. I.U.K. Leonov. *Vest. sel'khoz. nauch. i Kazakh.* 9 no. 4:27-30 Ap '66.

Effect of the blood of pregnant mares on the sperm pro-duction of boars. K.L. Levin. *Veterinariia* 42 no. 4: 86-89 Ap '66.

Hormonal activity of pregnant mare's blood. P.I. Shatalov, V.M. Krivul'ko, E.R. Akimov. *Veterinariia* 43 no. 5: 73-74 My '66.

Use of pregnant mare's blood to stimulate the fattening of animals and the effect of pregnant mare's serum on the thyroid gland of castrated guinea pigs. G.A. Cherenist-nov. *Veterinariia* 43 no. 5:62-65 My '66.

GONIOMETERS

Russia (1923— U.S.S.R.). Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Checking measures and mechanical devices for measuring lengths and angles; a collection of instructions] *Poverka mer i mekhanicheskikh priborov dlia izmereniia dlin i uglov; sbornik instruktsii.* Izd. ofitsial'noe. Moskva, Standart-giz, 1965. 741 p.

GONYSTYLACEAE

Pollen grains of Thymelaeaceae and Gonystylaceae. D.B. Arkhangelskii. *Bot. zhur.* 51 no. 4:484-494 Ap '66.

GOOSEFOOT

Flowering of some representatives of the family Chenopo-diaceae. Z.G. Respalova. *Trudy Bot. inst. Ser.* 3 no. 17:100-114 '65.

GORBUNOV, SERGEI FEDOROVICH, 1890-

Sergei Fedorovich Gorbunov; on his 76th birthday. Lit. proizv. no. 4:43-44 Ap '66.

GORKIY—AUTOMOBILE INDUSTRY—PRODUCTION STANDARDS

For a fuller utilization of production potentials. Sots. trad. 11 no. 5:118-119 '66.

GORKIY—BOOKSELLERS AND BOOKSELLING

There is a solution.... I. Ashavskii. *Knizh. torg.* 17 no. 5:33 My '66.

GORKIY—CARGO HANDLING

Work of a part between navigation seasons. M. Sizov, I. Pogrebnoi. *Rech. transp.* 25 no. 4:18-19 '66.

GORKIY—UNIVERSITIES AND COLLEGES

Guidance toward action; report on the party meeting of Gorkiy University. P. Babarin. *Agitator* 34 no. 10: 50-52 My '66.

GORKIY PROVINCE—BLOOD—COLLECTION AND PRES-ERVATION

System of the organization of blood preparation for hemophiliacs. N. I.A. Klimova, N. M. Ageeva. *Probl. gemat. i perel. krov'i* 11 no. 1:38-39 Ja '66.

GORKIY PROVINCE—GEOGRAPHY

Shubin, A.F. [Gorkiy Province; geography textbook for grade 8] *Gor'kovskaya oblast'; posobie po geografii dlia 8 klassa.* Pod red. L.L. Truba. [Gor'kii] Volgo-Vyatskoe knizhnoe izd-vo, 1960. 113 p. maps (insert)

GORKIY PROVINCE—HEMOPHILIA

System of the organization of blood preparation for hemophiliacs. N. I.A. Klimova, N. M. Ageeva. *Probl. gemat. i perel. krov'i* 11 no. 1:38-39 Ja '66.

GORKIY PROVINCE—POLITICS AND GOVERNMENT

Increasing the role of local soviets and developing the participation of the Soviet public in their work. A.M. Zhilin. *Sov. gos. i pravo* 35 no. 5:60-64 My '66.

GORKY PROVINCE—POLITICS AND GOVERNMENT (Continued)

The Scientific Council of the Institute of Law and State discussed the report of the Secretary of the Executive Committee of the Gorky Province Soviet. B. Nikolaev. Sov. gos. i pravo 36 no. 5:131-133 My '66.

GORKY PROVINCE—WEED CONTROL

In Gorky Province. A. Berezkin, A. Furin, V. Blagoveshchenskaya. Zashch. rast. 11 no. 4:10-14 '66.

GORNO-ALTAI AUTONOMOUS PROVINCE—MEAT INDUSTRY

Problem of the distribution of meat-processing enterprises in the Gorno-Altai Autonomous Province in 1970. N. V. Karpeeva, T. A. Kosenko. Ekon. i mat. metod. 2 no. 3:454-459 My-Je '66.

GOVERNMENT LIABILITY (INTERNATIONAL LAW)

Government liability in present-day international law. D. B. Levin. Sov. gos. i pravo 36 no. 5:75-83 My '66.

GOVERNMENT OWNERSHIP

Soviet industrial enterprises and their management. B. M. Lazarev. Sov. gos. i pravo 36 no. 5:12-21 My '66.

State monopoly capitalism and foreign trade. G. Koflov. Vnesh. torg. 46 no. 5:30-35 '66.

GRAFTING

Krenke, N. P. [Transplantation of plants] Transplantatsiya rastenii. Moskva, Nauka 1966. 333 p. (DNAL)

Winter hardness of hybrid pear seedlings of various combinations of crossing. I. U. A. Petrov. Vest. sel'khoz. nauki 11 no. 4:110-113 Ap '66.

GRAIN

(see also subdivision under Kazakhstan; Vitebsk Province)

Determination of the area of leaves of grain crops from materials of observations of a network of agro-meteorological stations. S. S. Savina. Meteor. i gidrol. no. 5:50-51 My '66.

Duration of the development of cereals by their utilization of stored nutrients in seeds. L. V. Ivonina. Vest. sel'khoz. nauki 11 no. 4:105-106 Ap '66.

Moshkov, I. A. [The grain problem during the years of massive collectivization of agriculture in the U.S.S.R., 1929-1932] Zernovaya problema v gody sploshnoi kollektivizatsii sel'skogo khozaistva SSSR (1929-1932 gg.). [Moskva] Izd-vo Mosk. univ., 1966. 220 p.

Some consequences of the reduction of the number of ovaries in the wheat and barley ear. I. U. B. Kononov. Fiziol. rast. 13 no. 1:135-143 Ja-F '66.

Some general characteristics of the pickups of grain-moisture meters with free filling. V. V. Dzhemello, V. G. Pustynnikov. Priborostr. no. 5:14-16 My '66.

GRAIN—DISEASES AND PESTS

(see also subdivision under Volga Valley)

Significance of space isolation of crops and the size of fields in pest control. A. F. Glushchenko. Zap. LSKH 95:42-52 '65.

GRAIN—DISINFECTION

Decontamination of forage grain and hides contaminated with anthrax pathogen spores by the use of ethylene oxide. E. Sh. Akopian. Trudy VNIIVS 16:254-272 '60.

Decontamination of grain infected with the pathogens of pasteurellosis in poultry. V. G. Zharov, A. A. Polikov. Trudy VNIIVS 16:154-156 '60.

GRAIN—ECONOMIC ASPECTS

Increasing the profitability of grain production. A. Belozertsev. Vest. sel'khoz. nauki 11 no. 2:58-63 F '66.

GRAIN—FERTILIZERS AND MANURES see subdivision under Ukraine

GRAIN—MOISTURE

Electronic grain moisture meter. V. Kraus, P. Cherepanov. Tekh. v sel'khoz. 26 no. 4:97-98 Ap '66.

GRAIN—STORAGE

Physiological and biochemical bases of crop storage. A. P. Movsisiants. Vest. sel'khoz. nauki 11 no. 4:155-156 Ap '66.

GRAIN ELEVATORS see subdivision under Canada

GRAIN HANDLING see subdivision under Orenburg Prov-Inco

GRAIN—HANDLING MACHINERY

Mechanical loaders. M. Puzanova, A. Chelyshev. Zakup. sel'khoz. prod. no. 4:56-60 Ap '66.

GRAIN TRADE—MANAGEMENT

Improve the level of economic work in grain receiving enterprises. V. Narkhov. Zakup. sel'khoz. prod. no. 4:12-15 Ap '66.

GRAIN TRADE—TABLES AND READY-RECKONERS

Belon'ki, I. M. [Payments to collective and state farms for accepted grain and seeds] Raschety s kolhozami i sovkhozami za prinyatie zerno i semena. Izd. 6., dop. i perer. Moskva, Kolos, 1966. 183 p.

GRAMMAR, COMPARATIVE AND GENERAL—SYNTAX

Sizova, I. A. [What is syntax] Chto takoe sintaksis. Moskva, Nauka, 1966. 69 p.

GRAND BANKS—SUBMARINE GEOMORPHOLOGY

Bottom geomorphology in the area of the Grand Banks. N. A. Grabovskii. Okeanologiya 6 no. 2:285-293 '66.

GRANITE

(see also subdivision under Armenia; Azov Sea region; Caucasus; Kazakhstan; Krasnoyarsk Hydroelectric Power Station; Ukraine)

Practice in measuring the paleotemperatures of granitoids by the T. Bari's method. I. V. Davidenko. Geokhimiya no. 5:349-355 My '66.

GRANITE—OPTICAL PROPERTIES see subdivision under Altai Mountains

GRANOV (UKRAINE)—COST AND STANDARD OF LIVING

Care for us, inhabitants of the villages. M. Savorin. Agitator 34 no. 10:11 My '66.

GRANULAR MATERIALS

Expansion of beds and entrainment of particles in the fluidization of granular materials in the field of centrifugal forces. N. I. Gel'perin and others. Khim. i nef. mashinostr. no. 5:5-9 My '66.

Experimental study of the performance conditions of galleries under a stack of loose material. A. M. Makeev. Trudy MIIT no. 194:202-209 '60.

GRANULAR MATERIALS—FLUID DYNAMICS

Hydrodynamic mixing in a granular layer. Physical model of stagnant zones. V. G. Levich, L. M. Pis'men, S. I. Kuchanov. Dokl. AN SSSR 168 no. 2:392-395 My '66.

GRAPE JUICE

Determining the temperature of boiling of concentrated grape juice. G. N. Gasiuk, M. I. Zelenskaya. Kons. i ov. prom. 21 no. 5:19-21 My '66.

GRAPES

Effect of hexachlorobutadiene on grapevines and useful soil micro-organisms in Moldavia and Krasnodar Territory. V. S. Khokhriakova and others. Khim. v sel'khoz. 4 no. 5:31-33 My '66.

GRAPH THEORY

Algorithms for analyzing an oriented graph. I. B. Zndykhailo. Usp. mat. nauk 21 no. 2:231-232 Mr-Apr '66.

GRAPHIC ARTS—EXHIBITIONS

(see also subdivision under Yakutia)

Soiuz khudozhnikov RSFSR. Moskovskoe otdelenie. [Exhibition of the work of graphic artists working in the studios of the Southwest; a catalog] Vystavka rabot khudozhnikov-grafikov, rabotavushchikh v maaterskikh na Iugo-Zapade; katalog. Moskva, Sovetskii khudozhnik, 1965. 18 p. (Khudozhnik-grafiki Iugo-Zapada)

GRAPHITE

Quality control of graphite in flotation concentration plants by means of reflected β -radiation, and its automation. R. Jirkovsky, Zhur. anal. khim. 21 no. 4:455-458 '66.

Shulepov, S. V. [Carbon atom and artificial graphite] Atom ugleroda i tekhnologiya iskusstvennogo grafit. [Cheliabinsk] Izdushno-Ural'skoe knizhnoe izd-vo, 1965. 114 p.

GRAPHITE ELECTRODES see Electrodes, Graphite

GRASSES see subdivision under Caucasus, Northern

GRASSES—FERTILIZERS AND MANURES

(see also subdivision under Vitebsk Province)

Effect of nitrogen fertilizers and interplanting of legumes on the yield of hayfields, pastures, and the micro-organism processes in the soil. I. P. Lepkovich. Vest. sel'khoz. nauki 11 no. 2:137-138 F '66.

Studies on the improvement of hay fields and pastures. N. G. Andreev. Vest. sel'khoz. nauki 10 no. 12:147-149 D '65.

GRAVIMETER (GEOPHYSICAL INSTRUMENT)

New bottom gravimeter. P. I. Lukavchenko, V. F. Demchenko. Prikl. geofiz. no. 43:114-121 '65.

Some ways of improving marine deck gravimeters. K. E. Veselov, V. O. Bagramiants. Prikl. geofiz. no. 46:136-139 '65.

GRAVIMETER (GEOPHYSICAL INSTRUMENT)—VIBRATION

Effect of vibration on the readings of an astaticized gravimeter without a thermostat. K. E. Veselov, N. M. Gerenblat. Prikl. geofiz. no. 46:140-148 '65.

GRAVITATION

Derivation of the law of universal gravitation from Kepler's laws. I. U. K. Gulek. Izv. vys. ucheb. zav.; fiz. 0 no. 2:171-173 '66.

GRAVITY—MEASUREMENT

Qualitative errors in the interpretation of gravity measurements involving objects with a fine structure. M. V. Kopnin. Dop. AN URSSR no. 4:457-459 '66.

GRAVITY ANOMALIES

(see also subdivision under Armenia)

Single points of a potential and their significance in the interpretation of gravity anomalies. A. K. Malovichko, M. S. Chadaev. Prikl. geofiz. no. 46:146-155 '65.

GRAVITY PROSPECTING

Evaluation of the depth of occurrence of the center of masses based on geophysical prospecting data. V. A. Tsaregradskii. Prikl. geofiz. no. 46:162-164 '65.

Solution of a direct gravimetric problem for a contact surface by means of the transformation of the spectrum. I. T. Berezina, M. A. Telepin. Prikl. geofiz. no. 46:166-169 '65.

Some results of the study of ship parameters of the All-Union Scientific Research Institute of Geophysical Research Methods. V. O. Bagramiants, A. P. Rahmet. Prikl. geofiz. no. 43:83-87 '65.

Use of harmonic analysis in processing gravity data. V. M. Berezkin, A. P. Buketov. Prikl. geofiz. no. 46:161-166 '65.

Using analytic continuation for the interpretation of gravity fields above oil and gas structures. V. M. Berezkin, A. P. Buketov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:94-98 My '66.

GRAY MULLET see subdivision under Black Sea

GREAT BRITAIN—AIRPLANE INDUSTRY

The aircraft industry of England and the "Common Market." I. Lushnikov. Vnesh. torg. 46 no. 4:27-31 '66.

GREAT BRITAIN—BOARDING SCHOOLS

Marishkovskii, I. B. [English public schools; privileged educational institutions of the boarding school type] Angliiskie publik skulz' privileirovannye shkoly internatsionnogo tipa. Tashkent, Fan, 1966. 141 p.

GREAT BRITAIN—COMMERCE—RUSSIA

The Russian-British Chamber of Commerce has its 50th anniversary. M. Tomashevskii. Vnesh. torg. 46 no. 4:33 '66.

GREAT BRITAIN—DESCRIPTION AND TRAVEL

Zakov, B. R. [Everything changes, even in England] Vse meniaetsia dazhe v Anglii. Moskva, Sovetskii pisatel', 1965. 229 p. (NNC)

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES

The aircraft industry of England and the "Common Market." I. Lushnikov. Vnesh. torg. 46 no. 4:27-31 '66.

GREAT BRITAIN—LABOR PARTY

The Southport Conference of the Laborites in May 1959. S. G. Deslatskov. Uch. zap. Ped. inst. Gerts. no. 288:212-220 '66.

GREAT BRITAIN—MONEY

Brief information on foreign exchange and banks abroad. Den. i kred. 24 no. 5:98-99 My '66.

GREAT BRITAIN—PATENT LAWS AND LEGISLATION

Peculiarities of the registration of claims for inventions in Great Britain and Japan. A. G. Novozhilov. Vop. izobr. no. 3:10-11 Mr '66.

GREAT BRITAIN—REVOLUTION OF 1868

From the history of the democratic movement during the years of the British bourgeois revolution in the 17th century. G. P. Levin. Uch. zap. Ped. inst. Gerts. no. 288:9-123 '66.

GREAT BRITAIN—SOCIAL LIFE AND CUSTOMS

Zakov, B. R. [Everything changes; even in England] Vse meniaetsia dazhe v Anglii. Moskva, Sovetskii pisatel', 1965. 229 p. (NNC)

GREAT BRITAIN—STRIKES AND LOCKOUTS

Solidarity of Ukrainian workers with English strikers in 1926. Sh. T. Kiperman. Ukr. ist. zhur. 10 no. 5:125-128 My '66.

GREAT-CIRCLE SAILING

Calculations for great-circle sailing. A. P. Demin. Inform. sbor. TSNIIMF no. 146. Sudovozh. i aviaz. no. 33:3-12 '66.

GREECE—MILITARY ASSISTANCE, BRITISH

The British public and the national liberation movement in Greece in the 1920's. I. G. Gukina. Uch. zap. Ped. inst. Gerts. no. 280:170-211 '66.

GREECE—POLITICS AND GOVERNMENT

Berger, A.K. [Political thought of the ancient Greek democracy] *Politicheskaya mysl' drevnegrecheskoi demokratii*. Moskva, Nauka, 1966. 357 p.
For the unity of all the democratic and patriotic forces. Z. Zographos. Part. zhizn' no. 11:76-73 Je '66.

GREECE—WAR OF INDEPENDENCE, 1821-1829

Conflicts among the European powers during the first years of the Greek National Liberation War, 1823-1826. I.G. Gukina. Uch. zap. Ped. inst. Gerts. no. 288:124-177 '66.

GREECE—WAR OF INDEPENDENCE, 1821-1829—FOR- EIGN PUBLIC OPINION

The British public and the national liberation movement in Greece in the 1820's. I.G. Gukina. Uch. zap. Ped. inst. Gerts. no. 288:178-211 '66.

GREEN MANURING

(see also subdivision under Altai Territory)
Effectiveness of farm manure and mineral fertilizers in crop rotation containing green manure crops. F.F. Iukhmetchuk, N.D. Salova. Vilian. dlr. prim. udob. na plod. poch. i prod. sevoobor. no. 2:10-84 '64.

GREENHOUSE MANAGEMENT

Physiological evaluation of greenhouse peat substrates. N.V. Vasilevskaya. Biul. Glav. bot. sada no. 59:44-48 '65.

GREENHOUSES

Peat soils in hotbeds and greenhouses. N.V. Vasilevskaya. Vest. sel'khoz. nauki 11 no. 2:155-137 F '66.

GREENHOUSES—HEATING AND VENTILATION

Calculating the air heating of spring and summer greenhouses taking into consideration the heat radiation from the soil. D.A. Kurtener. Sbor. trud. po agron. fiz. no. 12:35-38 '65.

In situ research on the loss of heat in plastic spring and summer greenhouses designed by the Agrophysical Scientific Research Institute as a result of the infiltration of outside air. D.A. Kurtener. Sbor. trud. po agron. fiz. no. 12:39-44 '65.

Mobile automatic electric heater for spring and summer greenhouses. N.G. Zakharov, D.A. Kurtener. Sbor. trud. po agron. fiz. no. 12:30-34 '65.

GREENHOUSES, PLASTIC

Spring greenhouses made out of polyethylene film. T.E. Pashchenko. Sbor. trud. po agron. fiz. no. 12:21-29 '65.

GRIGNARD REAGENTS

Interaction of α -saturated γ -acetylbutyrolactones with Grignard reagent, Part I. M.G. Zaitlin, V.S. Arutunian, M.T. Dugan. Izv. AN Arm. SSR. Khim. nauki 18 no. 6:594-599 '65.
Kinetics of acrylonitrile polymerization under the effect of butyl magnesium chloride. I.V. Kutsavskaya, B.L. Erusalimskii, V.V. Mazurek. Vysokom. speed. 9 no. 5: 376-381 My '66.

GRIGOR'EV, NIKANDR SEMENOVICH, 1890-1910

Perov, A.A., A.N. Shilin, and F.S. Grigor'ev. [Nikandr Semenovich Grigor'ev: a brief biography] Nikandr Semenovich Grigor'ev: biograficheski ocherk. [Leningrad] Lentdat, 1966. 100 p.

GRIGOROVICH, VIKTOR IVANOVICH, 1815-1876

Evaluating V.I. Grigorovich's scholarly studies. A.V. Sergeev. Vop. ist. vsosobshch. ist. no. 1:43-57 '64.

GRINDING AND POLISHING

Berezin, B.P., N.I. Dumchenko, and K.V. Mosolov. [Gear grinding] Zuboshlifoval'nye raboty. Moskva, Vysshaya shkola, 1966. 277 p. diagrs. (insert)
Effect of abrasive fluid on the lapping of hypoid pinions of the rear axle of the "Moskvich" automobile. V.V. Takhtarov. Avt. prom. 32 no. 4:38-40 Ap '66.

Grinding woodcutting tool made of 9x5VF steel with boron abrasive disks. V.N. Bakul', I.P. Zakharenko, L.A. Fedoseiev. Lis., pap. i der. prom. no. 2:35-40 Mr-Apr '66.

Investigating the effect of speed on the process of microabrasion of steel. G.D. Polosatski, I.A. Solomein. Izv. vya. uche. zav.; mashinost. no. 2:119-122 '66.

Investigating the effect of the machining of magnetic devices on the precision of seisms. A.K. Monakov, I.U.G. Shneider. Priborostroenie no. 5:16-18 My '66.

Noncircularity of parts in centerless grinding. V.I. Romanov. Stan. i instr. 37 no. 5:3-7 My '66.

Now to determine the number of cutting-tool sharpeners. A. Knyshenko. Sots. trud. 11 no. 5:113-117 '66.

Preparation of microsections, using superfine powders of electrocorundum and synthetic diamonds. V.N. Morozenko. Zav. lab. 32 no. 1:52 '66.

Tangential force and surface microgeometry in high-speed grinding. G.D. Polosatski, G.S. Igonin, I.A. Solomein. Izv. vya. uche. zav.; fiz. 9 no. 2:164-168 '66.

Theory of copying errors of the base surface in internal centerless grinding. T.A. Al'perovich. Stan. i instr. 37 no. 5:7-10 My '66.

Wear of steel caused by lapping. P.I.A. Sopin. Stan. i instr. 37 no. 5:40-42 My '66.

GRINDING MACHINES

Improved construction of a machine tool for grinding and polishing stone. A.I. Charlin. Stroim. mat. 12 no. 4:10 Ap '66.

Modernization of the centerless circular grinding machine used for deburring rolled stock. A.P. Krikanov and others. Stan. i instr. 37 no. 5:42-43 My '66.

GRINDING MACHINES—PARTS

Effectiveness of vibratory aging of body parts of the 312 M circular grinding machine. K. Madzhodan, L. Vardanian. Prom. Arm. 9 no. 3:55-57 Mr '66.

GRINDING WHEELS

Six days in Austria. S. Vasil'ev. Vnesh. torg. 46 no. 5: 42-44 '66.

GRIPPE see Influenza

GRISOFULVIN

Changes in the content of nucleic acids during the development cycle of *Penicillium* species producing griseofulvin in submerged culture. A.V. Markovich, M.A. Malikov. Antibiotiki 11 no. 4:314-320 Ap '66.

GROCERY TRADE see subdivision under Maritime Territory

GRONNO—MEAT INDUSTRY—MANAGEMENT

Daily economic analysis represents a base for cost reduction. I.A. P. Kur. Prom. bel. 9 no. 1:12-13 Ja '66.

GROMOV, VALERIAN INNOKENT'EVICH, 1896-

Importance of V.I. Gromov's works in the development of Quaternary geology. K.V. Nikiforova. Biul. Kom. chetv. per. no. 32:3-8 '65.

GROUND-EFFECT MACHINES

Characteristics of hydrodynamic calculations for a jet curtain over the water surface. G.I.U. Stepanov. Sudostroenie no. 9:6-8 S '65.

GROUP READING

Extracurriculum lessons in reading. K. Kuprianova, A. Elkina. Bibliotekar' 43 no. 5:41-43 My '66.

GROUPS, THEORY OF

Akademiya nauk BSSR, Minsk. Institut matematiki. [Finite groups] Konchnye gruppy. Minsk, Nauka i tekhnika, 1966. 100 p.

Balanced identities in quasi-groups. V.D. Belousov. Mat. sbor. 70 no. 1:55-97 My '66.

Character of irreducible complex representations of a group of triangular matrices over a finite prime field. S.S. Polinak. Dop. AN URSSR no. 4:434-436 '66.

A class of unipotent subgroups of semisimple algebraic groups. B.I.U. Vaishtel. Usp. mat. nauk 21 no. 2:222-223 Mr-Apr '66.

Classification of irreducible unitary representations of a group of second-order matrices with elements from a locally compact field. A.A. Kirilov. Dokl. AN SSSR 168 no. 2:273-275 My '66.

Elementary theories of commutative semigroups with contraction. M.A. Taitalin. Alg. i log. 5 no. 1:51-60 '65.

Finite groups with a given Sylow 2-subgroup. V.D. Mazurek. Dokl. AN SSSR 168 no. 3:510-521 My '66.

Gelfand, I.M., and others. [Theory of representations and automorphic functions] Teoriya predstavlenii i avtomorfnye funktsii. Moskva, Nauka, 1966. 512 p. (Obshchechnye funktsii, no. 3)

Geodesics and shortest lines in the invariant metric of a linear group. M.A. Ulanovskii. Ukr. geom. sbor. no. 1: 107-113 '65.

Measure of sets of geometrical elements and their subsets. A.V. Lutsenko. Ukr. geom. sbor. no. 1:30-57 '65.

Zholobenko, D.P. [Lectures on the theory of Lie groups] Lektsii po teorii grupp Li. Dubna, [Izdatel'skii otdel Ob'edinnogo in-ta iadernykh issledovani] 1965. 343 p.

GROWTH

Secretion of the growth hormone in patients with malignant and benign tumors. T.P. Makarenko, B.M. Gazetov. Vest. khir. 96 no. 4:42-44 Ap '66.

GROWTH (PLANTS)

Development of form processes and organogenesis stages in the opium poppy. S.S. Rustembekov. Vest. sel'khoz. nauki 11 no. 2:48-52 F '66.

Effect of the relation between the growth speed of aerial and subterranean parts of tomato plants on the budding time and yield under the conditions of photoculture. L.S. Aleksandrova. Sbor. trud. po agron. fiz. no. 12:95-104 '65.

New method for the automatic registration of plant growth. P.A. Degtiarev, E.I. Ermakov. Sbor. trud. po agron. fiz. no. 12:204-211 '65.

GROWTH (PLANTS)—PERIODICITY

Periodicity of the seasonal development of steppe plants and zonal types of steppe vegetation in central Kazakhstan. I.V. Borisov. Tretyi Bot. inst. Ser. 3 no. 17:64-99 '65.

Role of water turbulence in the development periodicity of some freshwater species of the genus *Melosira* (Algae). D.V. Luml. Bot. zhur. 51 no. 2:176-187 F '66.

GROWTH PROMOTING SUBSTANCES

Chemical control of the European corn borer in the Abkhazian A.S.S.R. Mustoa Dumitru. Zap. IASHIK 95:29-31 '65.

Effect of growth promoting substance of petroleum origin and gibberellin on the ribonucleic acid content in cotton leaves. M.A. Ali-zade, S.I. Shafi-zade. Dokl. AN Azerb. SSR 21 no. 12:40-43 '65.

Effect of various combinations of mineral fertilizers and growth promoting substances of petroleum origin on the growth of larch seedlings in the Trans-Ili Alatau. G.Kh. Bukeikhanov. Vest. sel'khoz. nauki [Kazakh] 9 no. 4:59-63 Ap '66.

Shibrova, G.V., and N.K. Man'kovskaya. [Production of petroleum-based growth promoting substances] Proizvodstvo neftegazovogo rosnovogo veshchestva. Kiev, Tekhnika, 1966. 123 p.

Stimulating significance of naphthalene acid salts. A. Nila-zov, G. Mikhov, O. Amannukhmedov. Izv. AN Turk. SSR. Ser. biol. nauk no. 2:75-77 '66.

GROZDOV, D.M., 1905-

Professor D.M. Grozdov on his 60th birthday. Probl. gemat. i perel. krovi 11 no. 3:61-62 Mr '66.

GROZNYI—GAS TURBINES—FUEL

Coke-solar raw materials base for the production of gas turbine fuels. N.I. Bondarenko and others. Nefteper. i neftekhim. no. 5:7-9 '66.

GRUZDEV, IGOR'

Checking the rate of germination. Leonid Zaval'nuk. V mire knig 6 no. 4:30 Ap '66.

GRUZINOV, EVGRAF IOSIFOVICH, 1770-1800

Gvinchidze, O. Sh. [The Gruzinov brothers] Brat'ia Gruziny. Tbilisi, Literatura da khetochna, 1965. 110 p.

GRUZINOV, PETR IOSIFOVICH, 1771-1800

Gvinchidze, O. Sh. [The Gruzinov brothers] Brat'ia Gruziny. Tbilisi, Literatura da khetochna, 1965. 110 p.

GRYZAYEVAYA SOPKA OIL FIELD—PETROLEUM GEOLOGY

History of the commercial investigation of the Gryzayevaya Sopka field. L.A. Burakovskii, A.A. Dzharov. Azerb. nef. khim. 45 no. 4:7-9 Ap '66.

GUDAUTA (GEORGIA)—AIRPORTS

Gudauta also has a health resort airport. I. Gachelei-shvili. Grazhd. av. 23 no. 6:16-17 Je '66.

GUANIDINE

Decomposition of dicyanodiamide in aqueous-alkaline media. I.U.I. Mushkin, A.I. Pinskiy, K.I. Kat. 7 no. 2:219-223 Mr-Apr '66.

GUARDIAN AND WARD

Pergament, A.I. [Guardianship and wardship] Opeka i popechitel'stvo. Moskva, Iuridicheskaya literatura, 1966. 160 p.

GUDZII, NIKOLAI KALLINKOVICH, 1887-1965

In memory of Academician Nikolai Kallinkovich Gudzi. A.I. Kuz'min, O.A. Dorzhavina. Izv. AN SSSR. Ser. III. I. 25 no. 2:180-183 Mr-Apr '66.

GUERRILLA WARFARE

For the excellent training of parachute partisans. N. Shchadnov. Komm. Vooruzh. Sil 47 no. 10:30-43 My '66.

GUIDED MISSILES—DICTIONARIES

Murashkovich, A.M., and others comps. [English-Russian guided missiles and space flight dictionary. More than 50,000 terms] Anglo-russkii raketo-kosmicheskii slovar'. Boloe 50 tys. slov terminov. Moskva, Voenizdat, 1966. 920 p.

GULF STREAM

Short-period fluctuations of the Gulf Stream front during the winter-spring season of 1963. E.I. Dananov. Okeanologia 6 no. 2:228-233 '66.

GULIA, DMITRII IOSIFOVICH, 1874-1960

Bganzhia, Kh.S., and K.L. Zelinskii. [Dmitrii Gulia: a critical biographical sketch] Dmitrii Gulia: kritiko-biograficheski ocherk. Sukhumi, Alashara, 1965. 168 p.

GUMS AND RESINS

Glue from gum resin for paper sizing. A. Kalinits and others. *Bum. prom.* no. 5:4-5 My '66.
Hydrogenation of colophony on palladium catalysts. N. N. Bardyshev, E. B. Smirnova, Gidroliz. i lesokhim, prom. 19 no. 4:4-6 '66.

GUMS AND RESINS—CONTAINERS

Use of hydraulic method for the clogging of barrels. A. S. Orlova, Z. I. Bolotova, Gidroliz. i lesokhim, prom. 19 no. 4:21 '66.

GUNSHOT WOUNDS

Late abscesses of the brain caused by gunshot wounds. R. S. Neishtadt-Abramovich, *Vop. neirokhir.* 28 no. 3: 54-55 My-Je '64.

GUNSHOT WOUNDS—COMPLICATIONS AND SEQUELAE

Analysis of the causes of unsuccessful outcome of nerve suturing in gunshot wounds of extremities. V. L. Kachayev, *Vop. neirokhir.* 28 no. 3:27-30 My-Je '64.

GURIA—PALEOBOTANY, STRATIGRAPHIC

Stages in the development of flora and the vegetation in Guria from the Cimmerian unto the Chanda stage. I. L. Shatlova, *Blud. Kom. chetv. per.* no. 32:121-125 '66.

GUR'YEV PROVINCE—FISHERIES

More efficient use of the bodies of water in Ural'sk and Gur'yev Provinces. S. S. Kochnev, *Ryb. khoz.* 42 no. 3:21-22 '66.

GYMNASTICS

Abramian, A. S. [Mass exercises in gymnastics] *Massovye gimnasticheskie vystupleniya.* Moskva, Fizkul'tura i sport, 1966. 95 p.

GYNECOLOGY

Mud therapy combined with rectal novocaine treatment in inflammatory gynecological diseases. E. E. Korenevskaya, *Vop. kur., fizioter. i lech. fiz. kult.* 29 no. 5: 439-442 S-O '64.

Therapeutic effect of polymyxin M in experimental endometritis and in some gynecological diseases. T. I. Ivanova and others. *Antibiotiki* 11 no. 4:379-381 Ap '66.

Zhmakin, K. N., ed. [Principles of endocrinological gynecology] *Osnovy endokrinologicheskoi ginekologii.* [By] K. N. Zhmakin i dr. Moskva, Meditsina, 1966. 375 p. (DNLM)

GYPSUM

(see also subdivision under Aurgaza Valley)

Effect of gypsum on the properties of plugging cements at high temperature. V. S. Danilushvili, I. M. Bult, A. I. Lipovetski, *Trudy MKITI* no. 45:69-74 '64.

Improved method of preparing high-strength gypsum. A. V. Volzhenskii, A. V. Ferronskaya, A. E. Venets, *Stroi. mat.* 12 no. 4:11-13 Ap '66.

Phase transition during the roasting of phosphogypsum and the strength of phosphogypsum cement. V. I. Berezovskii, *Zhur. prikl. khim.* 38 no. 8:1687-1693 Ag '65.

GYROSCOPE

Rottenberg, I. A. N. [Gyroscopes] *Gyroskopy.* Moskva, Nauka, 1966. 399 p.

Study of contactless induction transducers for gyroscope devices. I. U. M. Pal'er, I. U. A. Kolesov, *Trudy MFT* no. 21:43-63 '65.

GYROSCOPE—VIBRATION

Effect of the radial rigidity of the gyroscope chamber on the vibrations of a gyroscope. I. U. M. Kamashov, *Izv. vys. ucheb. zav.; prib.* 9 no. 2: 161-166 '66.

Optical method for evaluating the degree of vibration of gyromotors by means of dash targets. A. I. Skorokhodov, *Izv. vys. ucheb. zav.; mashinostr.* no. 3:168-172 '66.

HACKBERRY see subdivision under Alma-Ata

HAFIZ ABRU, d. 1430

Khasanov, Khamidulla. [Hafiz Abru, Haidar Mirza, Filipp Efremov. Khafizi Abru, Khaidar Mirza, Filipp Efremov. Tashkent, Nauka UzSSR] 1964. 62 p. [Zhizn' zamchatel'nykh Hudei] [In Uzbek] (MI)

HAFNIUM

Extraction of zirconium and hafnium from hydrochloric acid solutions by means of 8-hydroxyquinoloxine and carboxylic acids. N. P. Rudenko, V. N. Avilina, I. N. Kremenskaya, *Zhur. neorg. khim.* 11 no. 4:947-948 Ap '66.

Zirconium and hafnium complexones. A. N. Ermakov, I. N. Marov, G. A. Evitkova, *Zhur. neorg. khim.* 11 no. 5:1155-1160 My '66.

HAFNIUM—METALLURGY

Obtain regularities in separating zirconium and hafnium by the method of crystallizing complex fluorides. O. I. Egorov, L. G. Kudriavtseva, A. D. Pogorelyi, *Izv. vys. ucheb. zav.; tsivot. met.* 9 no. 2:62-70 '66.

HAFNIUM COMPOUNDS

Complex formation of hafnium with iron. N. B. Kalinchenko and others. *Zhur. neorg. khim.* 11 no. 4:781-785 Ap '66.

HAFNIUM COMPOUNDS—SPECTRA

Spectrophotometry of the complex formation of zirconium and hafnium ions with pyrogallol. A. D. Pakhomova, I. A. Rudnikova, I. A. Sheka, *Zhur. neorg. khim.* 11 no. 5:1161-1166 My '66.

HAFNIUM FLUORIDES

Systems $HfF_2 - K(Rb, Cs)F - H_2O$. I. V. Tannayev, I. S. Guzeva, *Zhur. neorg. khim.* 11 no. 5:1091-1095 My '66.

HAIL see subdivision under Azerbaijan

HAIRCUTTING

Fahner, B. M., and D. P. Biller. [Barber's handbook; men's parlor] *Posobie мастера-парикмахера; mužskoi zal.* Kiev, Budivelnik, 1966. 173 p.

HALIDES

Equation for the potential of a silver halide electrode in a flow. A. L. Bystritskii, V. V. Bardin, V. B. Aleksovskii, *Zhur. anal. khim.* 21 no. 4:393-396 '66.

HALIMODENDRON see subdivision under Moscow

HALL EFFECT

Hall coefficient and thermo-e. m. f. in PbTe in a strong magnetic field. E. G. Streichenko, *Fiz. tver. tela* 8 no. 3:955-966 Mr '66.

Hall effect in specimens of spherical shape. V. L. Kon'kov, *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:159-160 '66.

Hall effect in two-layer semiconductor specimens. V. L. Kon'kov, *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:161-163 '66.

Temperature dependence of the spontaneous Hall constant in ferromagnets. K. P. Belov, E. P. Svirina, *Fiz. tver. tela* 8 no. 4:1217-1220 Ap '66.

HALLOYSITE

Nature and genesis of halloysites. F. V. Chukhrov and others. *Izv. AN SSSR, Ser. geol.* 31 no. 5:3-20 My '66.

HALOGENATION

Mechanism of halogenation of olefins with a quaternary carbon atom at a double bond. L. V. Radrikov, Z. S. Smolova, *Usp. khim.* 35 no. 5:853-880 My '66.

HALOGENS

(see also subdivision under Dnieper-Donets Lowland)

Halogen content in cotton. D. Ashirov, A. K. Nosov, *Izv. AN Turk. SSR, Ser. biol. nauk* no. 2:83-84 '66.

HAND

Significance of anatomical characteristics of tendinous bands, chiasm and peduncles of the hand and foot. A. M. Martirosian, *Klin. khir.* no. 7:63-66 '65.

HAND—SURGERY

Morphological substantiation of the methods for treating Dupuytren's contracture. G. I. Lavrisheva, Sh. Sh. Khamraev, *Khirurgiya* 42 no. 2:147-151 F '66.

Results of surgical treatment of the pronation and flexion position of the forearm and hand in patients with cerebral spastic paralysis. V. S. Kharchenko, A. T. Marochkin, *Vest. khir.* 96 no. 4:84-87 Ap '66.

HANDICAPPED CHILDREN

Akademiya pedagogicheskikh nauk RSFSR, Moscow.

[Experience in teaching history in schools for backward children; episode stories from the history of the U.S.S.R.] *Opyt prepodavaniya istorii vo vspomogatel'noi shkole; epizodicheskie rasskazy po istorii SSSR.* Pod red. M. I. Kuz'mitko. Moskva, Prosveshchenie, 1964. 84 p. (Pedagogicheskaya biblioteka uchitel'na)

Akademiya pedagogicheskikh nauk, RSFSR, Moscow. Institut defektologii. [Basic principles of the education and training of abnormal children] *Osnovy obucheniya i vospitaniya abnormal'nykh detei.* Moskva, Prosveshchenie, 1965. 342 p.

Kiev. Naukovo-doslidnyi instytut psichologii. [Ways to bring the education of abnormal children closer to life] *Shkoly zmitsennia z'v'azku navedchannia abnormal'nykh ditei z zhyttiam; zbrnyk statei.* Kyiv, Radiants'ka shkola, 1963. 142 p.

Minsk, S. L. [Characteristics of vocational training in schools for backward children; a manual for the teachers of schools for backward children] *Osobennosti professional'nogo obucheniya vo vspomogatel'noi shkole; posobie dlia uchitel'ei vspomogatel'nykh shkol.* Moskva, Prosveshchenie, 1966. 101 p.

HANDRAILING

Polyvinyl chloride railings for the interior stairways of ships. I. S. Marasnov, *Sudostroenie* no. 9:59-60 S '65.

HAPTENS

Quantitative analysis of the process of interaction of erythrocytes and bacterial antigens. Report No. 1: Relationship of the process of the concentration of haptens-sensitization and the number of receptors in erythrocytes. B. V. Karalnik, *Zhur. mikrobiol., epid. i immunit.* 43 no. 4:86-95 Ap '66.

HAPTOGLOBIN

Content of haptoglobin in the blood serum in children. M. M. Alimova, I. A. Iurkov, T. S. Koroleva, *Lab. delo* no. 4:205-207 '66.

Methodology of electrophoretic determination of the quantity of haptoglobin in blood serum. T. M. Ogonyovskii, *Lab. delo* no. 4:203-205 '66.

Photometric determination of haptoglobin. E. I. Turchenko, S. E. Turchinskii, *Lab. delo* no. 4:195-199 '66.

Qualitative and quantitative determination of haptoglobins of human blood. N. N. Starostin, I. N. Cherkovskii, *Lab. delo* no. 4:200-202 '66.

HARBORS

Improve the organization of work of the seaport fleet. V. Platinin, *Ryb. khoz.* 42 no. 3:78-80 '66.

Improving the work of ports is a most important task. *Rech. transp.* 23 no. 2:1-3 F '64.

The procedure of liner servicing in ports. A. Blinov, *Mor. flot* 26 no. 4:14-15 Ap '66.

Tasks of port workers in the first year of the five-year plan. *Rech. transp.* 25 no. 4:6-8 '66.

HARBORS—EQUIPMENT AND SUPPLIES

Determining the number of warehouse cranes. A. Sukol'nov, A. Gucloian, *Rech. transp.* 25 no. 4:27-28 '66.

HARD FACING

Hardening of equipment at the Chelyabinsk Metallurgical Plant. Z. Bluner, L. Goldsman, *Metallurg* 11 no. 5: 34 My '66.

HARDNESS—TESTING

Checking the hardness of rods on the EMID-3 equipment. L. P. Karpov, *Defektoskopiya* 2 no. 2:92-93 '66.

HARMINE

Indole derivatives. Part 14: Some properties of 4-methyl-harmine. F. R. Shatran, A. G. Terzian, G. T. Tatevonian, *Izv. AN Arm. SSR, Khim. nauk* 18 no. 5:600-614 '65.

HARMONIC ANALYSIS

Some generalizations on a harmonic synthesis method and its application in radio engineering. *Izv. vys. ucheb. zav.; radiotekh.* 9 no. 2:177-187 Mr-Ap '66.

Use of harmonic analysis in processing gravity data. V. M. Berezkin, A. P. Buketov, *Prikl. geofiz.* no. 46:161-166 '65.

HARMONIC FUNCTIONS

General solution to a polyharmonic equation with an arbitrary number of independent variables. S. N. Perevzentsev, *Dif. urav.* 2 no. 5:711-713 My '66.

HAWTHORN

Isolation and chemical study of flavonoids from the leaves of hawthorn *Crataegus curvisepala* Lindl. V. S. Batjuk, *Farmatsev. zhur.* 19 no. 2:47-50 '64.

HEALTH RESORTS, WATERING PLACES, ETC.

(see also subdivision under Crimea; Leningrad Province; Odessa; Pyatigorsk; Silvana; Chita Province; Sochi)

Effectiveness of the compound treatment of chronic coronary insufficiency at sanatoriums and health resorts. O. I. Bezuglaja, *Vop. kur., fizioter. i lech. fiz. kult.* 29 no. 5:395-397 S-O '64.

[Our health resorts] *Nashi zdravnytsy.* Moskva, Fizkul'tura i sport, 1965. 78 p.

Treatment of hypertension at sanatoriums and health resorts. N. I. Speranskii, *Vop. kur., fizioter. i lech. fiz. kult.* 29 no. 5:385-388 S-O '64.

HEARING AIDS

Medicopedagogical and technical instructions on the use of hearing aids in the institutions for children with defective hearing. L. V. Neiman, E. A. Markina, *Izv. APN* no. 140:140-163 '65.

HEART

Some changes in cardiac reactivity in hypoxia. E. A. Markova, *Pat. fiziol. i eksp. terap.* 10 no. 2:44-49 Mr-Ap '66.

HEART—ABNORMALITIES AND DEFORMITIES

Evaluation of the functional state of the apparatus of pulmonary respiration in congenital defects of the heart with pulmonary hypertension. V. V. Grishenko, G. V. Gasurov, *Grud. khir.* 6 no. 2:21-27 Mr-Ap '66.

HEART—BLOOD SUPPLY

- Blood supply of the atrioventricular valves of the white-bellied dolphin heart. V.V. Sokolov. Zool. zhur. 45 no. 4:614-616 '66.
- Development of small intramural arteries in the myocardium of old persons. T.G. Chumakova. Arkh. pat. 28 no. 3:57-61 '66.

HEART—DISEASES

- Adrenal cortex function tests in patients with various congenital and acquired heart defects. A.V. Meshcheriakov. Kardiologiya no. 5:30-34 '64.
- Aldosterone antagonists in the treatment of cardiac edema. V.A. Konoichenko, E.N. Gerasimova. Kardiologiya 4 no. 2:76-86 Mr-Apr '64.
- "Cardiac colloid" (basophilic degeneration of the myocardium) and its connection with glycogen. K.M. Danilova, M.P. Medvedeva. Arkh. pat. 28 no. 3:61-66 '66.
- Clinical roentgenological parallels in isolated ventricular septal defect. M.V. Marav'ev, L.P. Kiseleva, R.R. Golonzko. Vest. rent. i rad. no. 2:3-9 '64.
- Contrast X-ray examination in the diagnosis of acquired defects of the mitral tricuspid and aortic valves. I.U. S. Petrosian. Vest. rent. i rad. no. 2:15-20 '64.
- Disorders of the cardiac activity in percutaneous punctures of the left ventricle with aortic catheterization. G.I. Astrakhanseva, I.U. S. Petrosian. Kardiologiya 4 no. 2:69-70 Mr-Apr '64.
- Electrocardiographic picture of lesions of the muscle of the ventricles of the heart in patients with Ebstein's anomaly. K.A. Khandarian. Zhur. eksp. i klin. med. 6 no. 1:18-25 '66.
- Hydrocortisone metabolism and adrenocortical function in cardiac insufficiency. G.A. Klimenko, O.I. Sergeev. Kardiologiya 4 no. 2:16-24 Mr-Apr '64.
- Phonocardiographic symptoms of secondary atrial septal defect. G.I. Kassirskii, O.G. Shpuga, G.I.A. Avrutskaya. Kardiologiya no. 5:39-42 '64.
- Puncture of the left ventricle in the diagnosis of some defects of the heart and major vessels. F.Kh. Kutushev, A.B. Zorin. Kardiologiya no. 5:20-24 '64.
- Significance of jugular phlebography in the diagnosis of tricuspid stenosis. N.I. Maklakov. Kardiologiya 4 no. 2:41-44 Mr-Apr '64.
- Specific antigen in Fiedler's idiopathic myocarditis. V.A. Konoichenko, L.I. Ignatova, I.I. Podoplelov. Arkh. pat. 28 no. 4:49-53 '66.
- Use of sodium glucose diphosphate on patients with mitral defects. E.G. Burmenko, K.A. Sergeeva. Kardiologiya 4 no. 2:70-72 Mr-Apr '64.

HEART—EXAMINATION

- Anesthetin in special examinations of the heart and the main vessels in children. T.M. Darbidan, F.F. Kakurin. Grud. khir. 8 no. 2:108-113 Mr-Apr '66.
- Clinical roentgenological parallels in isolated ventricular septal defect. M.V. Marav'ev, L.P. Kiseleva, R.R. Golonzko. Vest. rent. i rad. no. 2:3-9 '64.

HEART—HYPERTROPHY AND DILATATION

- Clinical evaluation of electrocardiographic signs of hypertrophy of the left ventricle in patients with thyrotoxicosis. L.S. Slavina. Probl. endok. i gorm. 10 no. 2:29-32 Mr-Apr '64.
- Effect of aminopterin on compensatory hypertrophy of the heart. V.V. Dergachev. Biul. eksp. i klin. med. 58 no. 9:31-34 '64.
- Mechanism of hypertrophy and wearing out of the myocardium. F.Z. Meerson. Kardiologiya no. 5:3-10 '64.

HEART—INFARCTION

- Capacity for work in patients of middle and elderly age following myocardial infarction. N.D. Abramova and others. Trudy MOIP, Otd. biol. 17:30-38 '65.
- Correlation analysis of the cardiac sinus rhythm in trained sportsmen and in persons having had myocardial infarction. Z. Januskevicius, D. Zemaityte. Vest. AMN SSSR 21 no. 5:41-43 '66.
- Effect of visible light of varying spectral composition on the course and outcome of experimental myocardial infarction in rats. T.N. Afanas'eva. Dokl. AN BSSR 10 no. 4:285-289 Ap '66.
- Fluorescent ultraviolet examination of myocardial infarction. V.S. Kondrat'ev. Arkh. pat. 28 no. 3:46-51 '66.
- Hemorrhagic vasculitis in myocardial infarction. S.G. Moiseev, N.V. Ershova. Kardiologiya no. 5:77-78 '64.
- Lymphatic vessels of the heart in myocardial infarction. G.V. Savel'ev. Arkh. pat. 28 no. 3:41-46 '66.
- Morphological characteristics of experimental myocardial infarction following the use of hydrazine derivatives. M.D. Shmerling, N.K. Popova. Arkh. pat. 28 no. 3:38-41 '66.
- Some rare variants of an atypical course of myocardial infarction in elderly and senile age. T.Z. Gurevich, I.A. Karmazin, V.I. Rovinskii. Trudy MOIP, Otd. biol. 17:258-259 '66.

HEART—INNERVATION

- Characteristics of the homeostatic reaction in hypoxic hypoxia in dogs of various ages. I.S. Usolbaeva. Biul. eksp. i klin. med. 58 no. 9:34-39 '64.
- Neural regulation of the atrioventricular region of the heart. G.N. Kopylova, M.G. Udel'nov. Fiziol. zhur. 50 no. 10:1201-1207 O '64.

HEART—MUSCLE

- Characteristics of the adrenergic reaction of heart muscle. B.N. Mamukhin, N.M. Viaz'mina. Fiziol. zhur. 50 no. 9:1122-1128 '64.
- Development of small intramural arteries in the myocardium of old persons. T.G. Chumakova. Arkh. pat. 28 no. 3:57-61 '66.
- Effect of carbon dioxide on oxygen tension in the myocardium. N.V. Sanotskii. Fiziol. zhur. 52 no. 5:556-567 My '66.
- Mechanism of hypertrophy and wearing out of the myocardium. F.Z. Meerson. Kardiologiya no. 5:3-10 '64.

HEART—RADIOGRAPHY

- Tomography of the heart in mitral defects. B.M. Bloshchitsyn. Vest. rent. i rad. no. 2:10-15 '64.

HEART—SOUNDS

- Characteristics of the sound manifestations of the heart in ventricular septal defects. G.M. Solov'ev, A.A. Nazmazov, L.A. Mayorova. Kardiologiya no. 5:34-38 '64.
- Clinical and phonocardiographic evaluation of apical systolic murmur in acquired heart defects. A.G. Salim'janova. Kardiologiya 4 no. 2:62-65 Mr-Apr '64.
- Phonocardiographic analysis of partial atrioventricular block with Wenckebach periods in mitral stenosis. E.S. Sigal. Kardiologiya no. 5:82-84 '64.
- Phonocardiographic data in stenosis of the pulmonary artery. C.C. Hiescu and others. Kardiologiya 4 no. 2:45-49 Mr-Apr '64.
- Phonocardiographic symptoms of secondary atrial septal defect. G.I. Kassirskii, O.G. Shpuga, G.I.A. Avrutskaya. Kardiologiya no. 5:39-42 '64.
- Phonocardiography in aortic coarctation. A.B. Zorin, I.U. F. Pisarev. Kardiologiya 4 no. 2:35-41 Mr-Apr '64.
- Phonocardiography in the diagnosis of tricuspid stenosis. N.K. Gorianina, S.G. Shcherba. Kardiologiya no. 5:25-30 '64.
- Presystolic murmur in mitral stenosis. M.I.U. Rapoport. Kardiologiya 4 no. 2:9-16 Mr-Apr '64.
- Study of systolic equivalents in children. A.A. Galstian. Zhur. eksp. i klin. med. 6 no. 1:31-38 '66.

HEART—SURGERY

- Artificial circulation in surgery for congenital heart defects. Report No. 2. Cardiac and respiratory insufficiency following operations on the open heart. Complications in the brain. V.I. Burkovskii and others. Grud. khir. 8 no. 2:13-14 Mr-Apr '66.
- Changes of the ventricular ECG complex in patients with mitral heart defects before and following mitral commissurotomy. V.I. Maslakov, I.I. Sivkov, N.L. Iastrebtsova. Kardiologiya no. 5:15-19 '64.
- Disability evaluation after a vitium cordis operation. N. Rachinskaya. Sots. obsch. 41 no. 5:32-34 My '66.
- Removal of a needle from the initial portion of the pulmonary artery. M.I.U. Ushakov. Vest. khir. 96 no. 4:137-138 Ap '65.
- Some aspects of the surgical treatment of mitral heart defects from the viewpoint of postoperative results. E.A. Grigorian. Zhur. eksp. i klin. med. 6 no. 39-40 '66.
- Surgical treatment of acute coronary insufficiency. V.P. Burlachenko. Grud. khir. 8 no. 2:15-20 Mr-Apr '66.

HEART—TUMORS

- Implantation metastases in the cardiac valves. L.I. Likht. Arkh. pat. 28 no. 3:74-75 '66.

HEART—VALVES

- Ballistocardiography in patients with combined mitral, aortic and tricuspid stenosis before and following surgery. K.A. Sergeeva, B.M. Kostuchenok. Kardiologiya no. 5:11-15 '64.
- Characteristics of the sound manifestations of the heart in ventricular septal defects. G.M. Solov'ev, A.A. Nazmazov, L.A. Mayorova. Kardiologiya no. 5:34-38 '64.
- Contrast X-ray examination in the diagnosis of acquired defects of the mitral tricuspid and aortic valves. I.U. S. Petrosian. Vest. rent. i rad. no. 2:15-20 '64.
- Phonocardiography in the diagnosis of tricuspid stenosis. N.K. Gorianina, S.G. Shcherba. Kardiologiya no. 5:25-30 '64.

HEART—WOUNDS AND INJURIES

- Combined traumatic and spontaneous intracranial pneumocephalon. J. Witek. Vest. rent. i rad. no. 2:73-74 '64.

HEART BLOCK

- Electrocardiographic diagnosis of an incomplete block of the right pedicle of the bundle of His. I.M. Kaevitsker. Kardiologiya no. 5:43-49 '64.
- Phonocardiographic analysis of partial atrioventricular block with Wenckebach periods in mitral stenosis. E.S. Sigal. Kardiologiya no. 5:82-84 '64.

HEART FAILURE

- Congenital heart failures as a continuously progressing pathological process. D.S. Sarkisov and others. Vest. AMN SSSR 21 no. 5:44-48 '66.
- Gol'dberg, V.N. [If the heart stops...]. East aeridise ostanovilos'. Klov, Naukova dumka, 1965. 100 p. (Nauchno-populnarnaya literatura) (DNLM)

HEARTBEAT

- Correlation analysis of the cardiac sinus rhythm in trained sportsmen and in persons having had myocardial infarction. Z. Januskevicius, D. Zemaityte. Vest. AMN SSSR 21 no. 5:41-43 '66.
- Correlation between the duration of the cardiac cycle and ventricular excitation time in normal persons according to the Waller-Bazett formula. I.P. Puhleniymy. Fiziol. zhur. 50 no. 8:1144-1149 '64.
- Electrophysiological analysis of the impulse activity of the vagal cardiac branches in viscerocardial reflexes. G.E. Samonina, M.G. Udel'nov. Fiziol. zhur. 50 no. 9:1088-1095 '64.
- Phase analysis of heart contractions in cardiac defects and its significance in the evaluation of working capacity. D.A. Sokolova. Kardiologiya 4 no. 2:49-53 Mr-Apr '64.

HEAT—CONDUCTION

- Some nonstationary problems in the theory of heat conductivity for two-layer semispace. N.A. Smurova. Inzh.-fiz. zhur. 10 no. 5:678-680 My '66.
- Use of the operational calculus method in solving the heat conduction equations for the 5th, 6th, 7th, 8th, and 9th layers of a multilayer system. V.I.A. Smolin. Sber. trud. Mosk. tekhn. inst. no. 8:63-72 '64.
- Using variational method in solving problems of heat conduction with internal heat sources. A.M. Fain. Inzh.-fiz. zhur. 10 no. 5:668-675 My '66.

HEAT—PHYSIOLOGICAL EFFECT

- Ballistocardiographic data in the evaluation of the functional state of the heart in workers in hot workshops. B.I. Bisk. Sov. med. 20 no. 9:137-141 '64.
- Changes in the functional state of the thermoregulation center in overheating and following overheating. F.F. Sultanov. Pat. Fiziol. i eksp. terap. 10 no. 2:23-38 Mr-Apr '66.
- Increase resistance of muscle proteins in heterotic hybrid of Coregonus lavaretus Ladoga and C. albus. A.A. Kusanina. TSitologiya 6 no. 4:493-495 Ji-Ag '64.
- Injurious effect of the high hydrostatic pressure and heating on the ciliated epithelium cells and the protective action of glycerol. N.I. Arronet. TSitologiya 6 no. 4:432-442 Ji-Ag '64.

HEAT—TRANSMISSION

- Approximate calculation of free-convection heat transfer in a rectangular area. B.A. Arkhar'ev. Inzh.-fiz. zhur. 10 no. 5:606-612 My '66.
- Artificial turbulization of a flow in a pipe bundle. V.K. Migal. Inzh.-fiz. zhur. 10 no. 5:600-605 My '66.
- Calculational formula for heat flows and temperatures in pins and gaskets. A.L. Hychkovskii, A.L. Luhnay-Gertsayk. Elek. sta. 36 no. 3:10-19 Mr '65.
- Connection between heat exchange and heat release in heating furnaces. B.F. Zolmin. Izv. vya. uchob. zav.; Chern. met. 9 no. 5:102-107 '66.
- Dependence of unsteady heat transfer on the density of heat flux. E.V. Kudriavtsov, I.A. Turchin. Inzh.-fiz. zhur. 10 no. 5:573-576 My '66.
- Determining the heat-transfer factor in boreholes drilled 7000 m deep. S.M. Kuliev, B.I. Es'mun, G.G. Gabuzov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:123-133 '64.
- Effect of level on the extreme values of heat transfer in evaporating apparatus with natural circulation. R.I.A. Ladiev. Khim. mashinostr. no. 2:54-58 '65.
- Experimental investigation of convective heat transfer in gas flow in the initial section of a cylindrical pipe. A.I. Leon'tev, V.K. Fedorov. Inzh.-fiz. zhur. 10 no. 5:534-591 My '66.
- Experimental stand for studying heat transfer in a screw-type machine. V.L. Kochergin and others. Khim. mashinostr. no. 2:93-99 '65.
- Experimental testing of heat transfer to a boiling liquid in vertical tubes. R.I.A. Ladiev. Khim. mashinostr. no. 2:59-66 '65.
- Experimental unit for studying heat transfer in the film flow of fluids. I.I. Chernobyl'skii, I.U. M. Tatanenko, E.G. Vorontsov. Khim. mashinostr. no. 2:125-131 '65.

HEAT—TRANSMISSION (Continued)

Free-convection heat transfer in a horizontal cylindrical interlayer at various positions of the fuel element. I. A. Zagromov, A. S. Lialikov. *Inzh.-fiz. zhur.* 10 no. 5:577-583 My '66.

Heat increase in ventilation currents in mining with conveyor transportation. D. A. Karpov. *Ugol' Ukr.* 10 no. 5:49-50 My '66.

Heating of free falling water jets by steam under vacuum conditions. I. A. Trub, O. P. Litvin. *Energomashino-stroenie* 12 no. 4:23-26 Ap '66.

Investigating critical heat fluxes in a high-speed, steam-and-water mixture flow at low pressures. F. A. Agafonova, B. S. Filippovich. *Inzh.-fiz. zhur.* 10 no. 5:620-625 My '66.

Methods of modulating the condition parameters of open-hearth furnace heating to determine the rate of carbon oxidation. V. G. Chuvik, V. A. Shcherbakov, V. I. Iavolskii. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:36-39 '66.

Studying convective heat exchange during the jet cooling of a steel strip. V. N. Apterman and others. *Stal'* 26 no. 5:472-475 My '66.

Studying heat transfer in polymerization apparatus. S. A. Gorodinskaya, V. I. Gnatovskii, S. V. Sidorenko. *Khim. mashinost.* no. 2:140-144 '66.

Studying the heat distribution along roll barrels and their wear in a continuous five-high cold rolling mills. V. Kh. Patulin, A. D. Filatov. *Stal'* 26 no. 5:441-443 My '66.

Theory of thermal ignition. Report No. 2: Effect of an external heat transfer on the characteristics of ignition. V. G. Abramov, V. G. Abramov, V. T. Gontkovskaya, A. G. Merzhanov. *Izv. AN SSSR, Ser. khim.* no. 5:823-827 '66.

Turbulent motion of a fluid in annular tubes. E. E. Lemo-khov. *Vest. LGU* 21 no. 7:81-86 '66.

HEAT CAPACITY

Polymorphic carbon with increased heat capacity. I. B. Rubinov and others. *Dokl. AN SSSR* 168 no. 3:599-602 My '66.

HEAT ENGINEERING

Pavlov, V. F., and N. M. Nikiforova. [Thermal engineering and thermal power equipment for factories in the building materials and elements industry] *Teplotekhnika i teplotekhnicheskoe oborudovanie zavodov promyshlennosti stroitel'nykh materialov i izdelii.* Moskva, Vysshaya shkola, 1965. 571 p.

HEAT EXCHANGERS

Estimating the inertia degree of temperature transducers. L. G. Sobolev, V. P. Petrov. *Trudy TSNIIMF* no. 77:37-39 '65.

Expenditure factor of helical slots. A. A. Udovenko. *Energomashino-stroenie* 12 no. 4:41 Ap '66.

Heat losses to the environmental media and technological stability of contact sulfate acid apparatus. N. M. Petrov. *Khim. prom.* 42 no. 5:344-348 My '66.

Thermal and hydraulic characteristics of the Mo-53-4 oil cooler. V. A. Shvarts, I. Sh. Hushlor. *Elek. sta.* 36 no. 3:39-40 Mr '65.

Using the VT-1 alloy for manufacturing shell and tube heat exchangers. L. A. Skalyga. *Khim. i nef. mashinost.* no. 5:14 My '66.

HEAT EXCHANGERS—DESIGN AND CONSTRUCTION

Design for strength of tube joints. L. P. Portsev, V. M. Dolinskii. *Khim. mashinost.* no. 2:3-8 '65.

HEAT EXCHANGERS—DYNAMICS

Approximation of the dynamics of heat exchangers by means of models with concentrated parameters. Z. I. A. Kozanevich. *Khim. mashinost.* no. 2:170-176 '65.

HEAT OF FORMATION

Heats of formation of gaseous uranium fluorides. I. N. Godnev, A. S. Sverdlin. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:40-43 '66.

HEAT OF FUSION

Relation between heats of melting of vinyl monomers and their capacity to polymerize in the solid phase. M. A. Bruk, V. I. Lukhovitskii. *Vysokom. soed.* 8 no. 5:913-915 My '66.

HEAT OF SOLUTION

Enthalpy of dissolution of barium chloride and perchlorate in water. A. F. Vorob'ov and others. *Zhur. neorg. khim.* 11 no. 4:736-741 Ap '66.

Heat of dissolution of potassium chloride in water at various temperatures. V. P. Vasil'ev, G. A. Lobanov. *Zhur. neorg. khim.* 11 no. 4:703-707 Ap '66.

HEAT REGENERATORS

Experience in the operation of waste-heat boilers. G. L. Golub, D. D. Chernyshev. *Ogneupory* 31 no. 4:30-33 '66.

Waste-heat boilers of double co-axial pipes. G. M. Levin. *Trudy Kish. politekh. inst.* no. 2:144-151 '64.

HEAT RESISTANT ALLOYS

Effect of coarse-grain and fine-grain structure on the heat resistance of the formed D20 aluminum alloy. O. A. Romanova. *Alum. splavy* no. 4:32-36 '66.

Influence of the composition of deposited cast iron on its thermal stability. I. U. A. Gretska and others. *Avtom. svar.* 19 no. 4:25-29 Ap '65.

HEAT-TREATING FURNACES see Furnaces, Heat-treating

HEATING FROM CENTRAL STATIONS

(see also subdivision under Armenia)

Butakov, I. N. [Thermal power systems.] *Teplotilovye ustanovki.* Tomsk, Izd-vo Tomskogo univ. Pt. 2. Izd. 2., 2-dip. i ispr. 1964. 263 p.

HEATING FURNACES see Furnaces, Heating

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831

Existentialism and the problem of language in Hegel's philosophy. S. I. A. Kogan. *Vop. filos.* 20 no. 4:121-131 '66.

Kissel, M. A., and M. V. Emdin. [The ethics of Hegel and the crisis in present-day bourgeois ethics] *Etika Geggela i krizis sovremennoi burzhuaizmskoi etiki.* [Leningrad] Izd-vo Leningr. univ., 1968. 123 p.

HELICOPTERS

"Earth resonance." V. Gromov. *Kryl. rod.* 16 no. 4: 23 Ap '65.

HELIUM

Diffusion of metastable helium atoms. I. A. Fugol', P. L. Pakhomov. *Pis'v red. Zhur. eksp. i teoret. fiz.* 3 no. 10:389-394 My '66.

HELIUM ISOTOPIES

Visual observations of the solidification of solutions of helium isotopes. N. G. Beresniak, I. V. Bogolavenskii. *Zhur. eksp. teor. fiz.* 50 no. 4:853-855 Ap '66.

HELLEBORE

Study of the swelling time of hellebore roots. V. V. Diukova, O. I. Belova. *Apt. delo* 15 no. 2:21-24 Mr-Ap '66.

HEMAGGLUTININ

Lectins as one of the indices of the antigen-serological unity and diversity of the organic nature. M. I. Potapov. *Vest. AMN SSSR* 21 no. 5:86-95 '66.

HEMATOLOGY

Fibrinolysis in hematological clinical aspects. L. D. Orlova. *Probl. gemat. i perel. krovi* 11 no. 1:18-24 Ja '66.

Some data on the changes in the blood of rats in various stages of general adaptation syndrome. I. A. Rudakov. *Blud. eksp. biol. i med.* 58 no. 12:35-39 D '64.

HEMATOMA

Epidural hematomas of the posterior cranial fossa. L. B. Likhterman, L. Kh. Khitrin. *Vop. neirokhir.* 30 no. 2: 21-25 Mr-Ap '66.

HEMATURIA

Medullary hemiparesis in cattle with chronic hematuria. A. S. Kalinin. *Uch. zap. Viteb. vet. inst.* 18:185-192 '64.

HEMOGLOBIN

Comparison of the molecule structures of I and III hemoglobins from chick erythrocytes by the method of peptide charts. L. P. Alekseenko, V. N. Orekhovich. *Vop. med. khim.* 12 no. 3:295-297 My-Je '66.

HEMOLYSIS AND HEMOLYSINS

Effect of burns on erythrocyte resistance to the effect of acid hemolysis. M. M. Smayk. *Pat. fiziol. i eksp. terap.* 10 no. 2:79-81 Mr-Ap '66.

Significance of hemolysis and lipase in the pathogenesis of leptospirosis. E. Kmetz and others. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:106-112 Jl '64.

HEMOPHILIA

(see also subdivision under Gorky Province)

Clinical forms and manifestations of hemophilia. V. S. Abramov. *Probl. gemat. i perel. krovi* 11 no. 4:19-23 Ap '66.

Effectiveness of the hemostatic action of replacement transfusions in hemophilia. D. M. Grozdov, I. N. Kozhevnikov. *Probl. gemat. i perel. krovi* 11 no. 4:3-8 Ap '66.

Genetics and hemophilia. John B. Graham. *Probl. gemat. i perel. krovi* 11 no. 4:7-15 Ap '66.

Hemophilia B. A. Anastasov, I. Tankovskii. *Probl. gemat. i perel. krovi* 11 no. 4:61-62 Ap '66.

Hemophilia in children. A. V. Mazurin, T. G. Pakhuta. *Probl. gemat. i perel. krovi* 11 no. 4:23-28 Ap '66.

Hemophilic pseudotumors of the skeleton. E. Z. Novikova, G. M. Abdullaev. *Probl. gemat. i perel. krovi* 11 no. 4: 28-35 Ap '66.

Pregnancy and labor in women with neuropathic hemorrhagic diathesis. I. R. Zak. *Probl. gemat. i perel. krovi* 11 no. 4:62-63 Ap '66.

Ureterolithotomy in a patient with angiohemophilia. G. M. Abdullaev. *Urol. i nefr.* no. 3:52-54 '65.

Use of plasma obtained by the plasmapheresis method in hemophilia A. G. M. Abdullaev, A. R. Muller, I. N. Kozhevnikov. *Probl. gemat. i perel. krovi* 11 no. 4:15-19 Ap '66.

HEMOPHILUS

Method for the differential extinction of the paraffluorescence of cocci in preparations stained with per-tussis and paracoccidiosis fluorescent sera. E. R. Berezinskaya. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:71-74 Ag '64.

HEMOPHILUS—CULTURES AND CULTURE MEDIA

Immunobiological properties of paracoccidiosis bacilli. T. S. Dima, V. M. Bannikova, S. S. Petrosova. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:58-72 Ap '65.

HEMOPOIESIS

Changes in hemopoiesis following gastrectomy in dogs. M. G. Kakhetelidze and others. *Pat. fiziol. i eksp. terap.* 10 no. 2:32-39 Mr-Ap '66.

Effect of phenastazine and farsazine on normal hemopoiesis and transplantable leukemias in animals. I. I. Zaretzki, E. I. Khomchenovskii, G. S. Smirnova. *Pat. fiziol. i eksp. terap.* 10 no. 2:77-79 Mr-Ap '66.

Effect of some hormones on the hemopoiesis and survival of irradiated black mice of the C 57/6 line. E. E. Ogand-zhanian, A. A. Paratshvili, I. G. Batikian. *Probl. endok. i gorm.* 10 no. 2:107-110 Mr-Ap '64.

Medullary hemopoiesis in cattle with chronic hematuria. A. S. Kalinin. *Uch. zap. Viteb. vet. inst.* 18:185-192 '64.

Pathomorphological changes in hemopoietic organs of mice subjected to combined action of ionizing radiations and dynamic factors of the space flight. N. A. Gindamkin and others. *Izv. AN SSSR, Ser. biol.* no. 3:346-354 '66.

HEMORRHAGE

Change in the content of proteins and protein fractions of the blood serum in trauma complicated by shock and hemorrhage. F. V. Kuz'mina, I. M. Melnikova. *Vest. khir.* 96 no. 4:65-68 Ap '65.

Duration of half life of erythrocytes following exchange transfusion in acute hemorrhage in dogs. N. A. Gorbanova. *Probl. gemat. i perel. krovi* 11 no. 1:34-38 Ja '66.

Effect of blood loss on the absorptive function of the reticuloendothelial system in animals irradiated with a lethal X-ray dose. A. G. Magakian. *Zhur. eksp. i kin. med.* 6 no. 1:72-78 '66.

Intramural hemorrhages in the arterial system. L. A. Gullina, I. V. Davydovskii, A. I. Ozarni. *Arkh. pat.* 28 no. 3:12-20 '66.

Method of determining the loss of blood in children during orthopedic surgery. O. A. Korotenko. *Ortop., travm. i protez.* 25 no. 10:89-70 O '64.

Oxygen tension and hemodynamics in the brain in fatal hemorrhage and subsequent resuscitation (experimental studies). I. U. M. Levin, B. I. Slovnikov. *Blud. eksp. biol. i med.* 58 no. 12:27-31 D '64.

HEMORRHAGIC FEVER

Data on the study of the etiology of hemorrhagic fever accompanied by the renal syndrome. A. A. Avakian and others. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:129-134 Jl '64.

HEMORRHAGIC SEPTICEMIA

Effect of Pasteurella infection and its experimental treatment on the higher nervous activity in rabbits. N. N. Tarasovich. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:136 Ag '64.

Therapeutic and preventive effectiveness of monomycin in experimental pasteurellosis in chicks. A. B. Bolniskhan, M. S. Arevshatyan. *Antibiotiki* 11 no. 4:377-378 Ap '66.

HEMOSIDEROSIS

Case of essential pulmonary hemosiderosis. L. B. Gollitsyna, E. D. Timasheva. *Probl. tub.* no. 9:77-78 '64.

Chronic idiopathic pulmonary hemosiderosis. V. M. Sakharova, S. I. Kheifets. *Probl. tub.* no. 9:79-80 '64.

HEMOSPORIDIA

Epizootology of Hemosporidia infections on the Apsheron Peninsula and their prevention. M. G. Gumbatov. *Veterinariia* 42 no. 4:50-51 Ap '65.

HEMP

Effect of copper, boron, and manganese on the yield and quality of hemp grown in peat-bog soils. I. S. Zavorotchenko, Khim. v sel'. khoz. 4 no. 3:15 My '66.

HEMP BREEDING

Effect of the age of hemp pollen on the quality of hybrid seeds. N. D. Migal'. Vest. sel'. khoz. nauki 11 no. 2:131-132 F '66.

HEPARIN—THERAPEUTIC USE

Prevention of experimental thrombosis in splenectomized animals by intravenous introduction of fibrinolytic with heparin. B. A. Kudriashov, G. V. Andrenko, V. E. Pastorova, Biol. okup. biol. med. 58 no. 9:39-41 S '64.

HEPATITIS, INFECTIOUS

(see also subdivision under Ukraine)

Age group phenomenon in the course of viral infectious hepatitis. S. Nicolau and others. Zhur. mikrobiol., epid. i immun. 41 no. 7:71-75 JI '64.

Convalescents as a source of infectious hepatitis incidence. A. V. Kolganov. Zhur. mikrobiol., epid. i immun. 41 no. 7:68-70 JI '64.

Determination of bile acids in epidemic hepatitis. Zh. M. Lopatina, B. V. Keratys, Lab. delo no. 4:221 '66.

Energy expenditure in children during various periods of epidemic hepatitis. G. S. Kisteneva. Vop. pit. 23 no. 4:26-30 JI-Ag '64.

Evaluation of the aldolase test and the titer of hetero- and autoantibodies in the serum in Botkin's disease. D. E. Zibitsker. Zhur. mikrobiol., epid. i immun. 41 no. 7:155 JI '64.

Mechanisms of transmission of infectious hepatitis (Botkin's disease). N. N. Lapin. Zhur. mikrobiol., epid. i immun. 41 no. 7:62-68 JI '64.

Possible role of dogs in the epidemiology of epidemic hepatitis. Report No. 1. N. V. Kiseleva. Zhur. mikrobiol., epid. i immun. 41 no. 7:50-62 JI '64.

Some causes promoting the genesis of epidemic hepatitis in infants. V. P. Belikova, A. I. Dudko, E. I. Uvarova. Zhur. mikrobiol., epid. i immun. 43 no. 4:80-84 Ap '66.

Study of experimental infectious hepatitis in white mice. N. B. Proskuriakova. Zhur. mikrobiol., epid. i immun. 41 no. 7:102-106 JI '64.

HEPTACHLOR—TOXICOLOGY

Oxidative and glycolytic processes in chronic heptachlor intoxication. F. A. Onikienko. Vop. med. khim. 12 no. 3:297-302 My-Je '66.

HEPTANE

Hydrogenolysis and pyrolysis of bicyclo-(3,2,0)-heptane. A. F. Plate and others. Neftekhimiya 4 no. 6:819-823 N-D '64.

HEPTANOIC ACID

Synthesis and properties of polyacrylonitrile and poly-oxybenzoate block copolymers. L. K. Ipatov, G. S. Kolesnikov. Vyssokom. soed. 8 no. 5:870-875 My '66.

HEPTYL ALCOHOL—TOXICOLOGY

Experimental analysis of the permissible limit concentration of heptyl and nonyl alcohol in the water of reservoirs. K. G. Melnichenko and others. San. okhr. vod. ot zagr. prom. stoeh. vod. no. 7:152-165 '65.

HERBICIDES

Band application of herbicides. I. Veletskii. Zashch. rast. 11 no. 1:33-35 '66.

Chemistry in the construction of an irrigation system in Central Asia. B. Aleev. Stroitel. arkht. Sred. Az. 1 no. 7:35-36 JI '64.

Effectiveness of picloram (lodon) as an herbicide. M. S. Sokolov, A. N. Kasikhin. Khim. v sel'. khoz. 4 no. 5:70-75 My '66.

From practices in the use of herbicides. I. Gulevskii and others. Zashch. rast. 11 no. 4:22-25 '66.

Herbicide treatment of soil before planting strawberries. G. A. Naumova. Zap. LSKH 95:38-41 '65.

Herbicides and botanical forms of weeds. A. Monastvillaitė. Zashch. rast. 11 no. 5:53 '66.

Herbicides in chick-pea and vetching fields. B. Smirnov, N. Germantseva. Zashch. rast. 11 no. 4:30 '66.

Herbicides in potato fields. V. Zakharenko. Zashch. rast. 11 no. 5:36-37 '66.

Herbicides in vegetable gardening. M. Sevast'yanova. Zashch. rast. 11 no. 5:31-32 '66.

Histochemical characteristics of germinating corn seeds varying as to their resistance to herbicides. A. P. Volynets, S. M. Mashakov. Dokl. AN SSSR 10 no. 4:258-261 Ap '66.

Promising herbicides. A. Nikiforov, P. Korolev. Zashch. rast. 11 no. 4:35-37 '66.

Results of testing herbicides in potato fields. N. I. Prostav, Khim. v sel'. khoz. 4 no. 5:34-37 My '66.

HERBICIDES—ECONOMIC ASPECTS

Economic aspects of the use of herbicides. A. Voevodin. Zashch. rast. 11 no. 4:6-10 '66.

HERBICIDES—EFFECT ON PLANTS see Plants, Effect of herbicides on

HEREDITY

Effect of short-lived heating of *Drosophila melanogaster* females carrying forked mutation on the expression of characters of this mutation in a number of succeeding generations. P. G. Svetlov, G. F. Korsakova. Dokl. AN SSSR 168 no. 1:191-194 My '66.

Tokar, L. O. [Contemporary concepts of heredity] Suchasni uvidlenia pro spadkovist'. Kyiv, Radiants'ka shkola, 1962. 170 p.

HEREDITY OF DISEASE

Characteristics of postnatal development of children in Addison's disease of their fathers. B. N. Kiosovskii, M. F. Iankova, A. V. Tarnobitskaya. Probl. endok. i gorm. 12 no. 3:14-19 My-Je '66.

Family with thalassemia in the middle zone of the U. S. R. L. I. Idelson, A. S. Tsihrina, E. N. Meshine. Probl. gemat. i perel. krovi 11 no. 1:45-47 Ja '66.

Genetics and hemophilia. John B. Graham. Probl. gemat. i perel. krovi 11 no. 4:7-15 Ap '66.

Immediate and late sequelae of the removal of thyroid and parathyroid glands in rats. G. I. Plakhtina-Plakhtina. Trudy MOH, Otd. biol. 17:96-103 '66.

HERNIA

Problems of modern herniology. I. G. Turovets. Klin. khir. no. 7:39-45 '65.

HERONS see subdivision under Turkmenistan

HERRING

Herring fillet in pellicular packing. K. M. Mendkovich, L. D. Khobotilova. Ryb. khoz. 42 no. 4:71-72 '66.

Mechanized line for herring processing. V. S. Kuleshov, P. A. Borisov. Ryb. khoz. 42 no. 3:63-64 '66.

HERRING FISHERIES see subdivision under Norwegian Sea

HETEROCYCLIC COMPOUNDS

Effect of the surface acidity of a catalyst on the rate of polymerization of three-membered heterocycles. O. O. Barton, O. V. Krylov, E. A. Fokina. Khim. i kat. 7 no. 2:289-294 Mr-Ap '66.

Synthesis of heterocyclic analogs of hydroxylamine. E. G. Rozantsev, V. A. Goshchev. Izv. AN SSSR, Ser. khim. no. 5:891-896 '66.

HETEROSIS

Increase resistance of muscle proteins in heterotic hybrids of *Coregonus lavaretus* L. and *C. albus*. A. A. Kusa-kina. TSitologiya 6 no. 4:493-495 JI-Ag '64.

Manifestation of heterosis in silkworm hybrids as related to genetic and ecologic factors. L. A. Koval'chuk. Dop. AN URSR no. 4:533-535 '66.

Role of heterosis in the longevity of man. G. D. Bardyshev. Trudy MOH, Otd. biol. 17:61-71 '66.

HEXANAMIDE

Introduction of terminal aromatic amino groups into poly-ε-caproamide. M. N. Bogdanov, A. U. Leshchiner, A. G. Plashkevich. Vyssokom. soed. 8 no. 5:903-909 My '66.

HEXANE

Coding the structure of a substance in the statistical description of the reaction of dehydrogenation of the homologous series of cyclohexane. V. N. Pleurenko, A. G. Pogorelov, N. F. Kononov. Zav. lab. 32 no. 1:62-63 '66.

HEXANEDIAMINE—TOXICOLOGY

Experimental analysis of the permissible limit concentration of hexa-salt in the water of reservoirs. E. S. Bruk, N. V. Klinkina, V. A. Savelova. San. okhr. vod. ot zagr. prom. stoeh. vod. no. 7:56-68 '65.

HEXANOIC ACID

Diols and organic oxides. Report No. 8: Reaction of μ-chlorobutyl acetate isomers with potassium hydroxide. N. I. Shuikin, M. Bartok, B. Kozma. Izv. AN SSSR, Ser. khim. no. 5:878-882 '66.

HEXONIUM

Identification of hexonium with the aid of crystal optics and microcrystallography. V. T. Pozdnjakova, D. I. Rogovskiy, V. O. Holovkin. Farmatsevt. zhur. 20 no. 3:33-36 '65.

HIDDENSE ISLAND—ORNITHOLOGICAL RESEARCH

On the route of bird migration. H. Schildmacher. Priroda 55 no. 6:87-92 My '66.

HIDES AND SKINS—DISINFECTION

Decontamination of forage grain and hides contaminated with anthrax pathogen spores by the use of ethylene oxide. E. Sh. Akopian. Trudy VNIIV 16:264-272 '66.

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH PRESSURE RESEARCH

Three miracles of physics. B. I. Ivanov. NTO 8 no. 5:18-21 My '66.

HIGH SPEED MOTION-PICTURE PHOTOGRAPHY see Motion-picture photography, High speed

HIGH TEMPERATURE METALLURGY see Metals at high temperature

HIGH TEMPERATURES

Three miracles of physics. B. I. Ivanov. NTO 8 no. 5:18-21 My '66.

HIGHER EDUCATION see Education, Higher

HILGARDITE

X-ray investigation of some minerals of the hilgardite group. V. V. Kondrat'eva. Rent. min. syr. no. 4:10-18 '64.

HIP JOINT—ABNORMALITIES AND DEFORMITIES

Bilateral congenital dislocation of the hip in older children and adults; clinical X-ray and biomechanical data. I. U. F. Shitskii. Ortop. travm. i protez. 25 no. 10:50-53 O '64.

Compound method of early functional treatment of congenital dislocation of the hip. K. V. Berezkina. Ortop. travm. i protez. 25 no. 10:21-26 O '64.

Congenital dislocation of the hip. E. K. Nikiforova. Ortop. travm. i protez. 25 no. 10:3-9 O '64.

Conservative and operative treatment of congenital dysplasia and congenital dislocation of the hip; surgery of the foreign literature, 1959-1963. Z. I. Shneiderov, I. A. B. Kutsenok. Ortop. travm. i protez. 25 no. 10:75-85 O '64.

Functional treatment of congenital dislocation of the hip in children. T. A. Brovskina. Ortop. travm. i protez. 25 no. 10:15-21 O '64.

Late results of operative treatment of congenital dislocation of the hip in children and adolescents. E. I. A. Goncharova. Ortop. travm. i protez. 25 no. 10:26-30 O '64.

Operative treatment of congenital dislocation of the hip. Iv. Iliev. Ortop. travm. i protez. 25 no. 10:30-34 O '64.

Results of surgical correction of anteversion of the femoral neck in congenital dislocation of the hip in children. F. K. Irlamukhamedova. Ortop. travm. i protez. 25 no. 10:34-40 O '64.

Some problems of current conservative treatment of congenital dislocation of the hip in children. M. N. Goncharova. Ortop. travm. i protez. 25 no. 10:9-14 O '64.

Use of muscle relaxants in closed setting of congenital dislocations of the femur. I. A. A. Ortenberg, A. V. Merinov. Ortop. travm. i protez. 25 no. 10:58-60 O '64.

HIP JOINT—DISEASES

Late results of closed setting of a congenital dislocation of the hip in children. A. A. Morozova. Ortop. travm. i protez. 25 no. 10:46-49 O '64.

Treatment of pathological dislocations of the hip in children. N. M. Mikhailova. Ortop. travm. i protez. 25 no. 10:40-46 O '64.

HIP JOINT—DISLOCATION

Case of habitual dislocation of the hip. S. V. Gial'naza-rova. Ortop. travm. i protez. 25 no. 10:50-60 O '64.

HIP JOINT—INFLAMMATION

Brucellosis coxitis. A. A. Pliushchikov. Khirurgiya 42 no. 2:62-66 F '66.

HIP JOINT—SURGERY

Conservative and operative treatment of congenital dysplasia and congenital dislocation of the hip; surgery of the foreign literature, 1959-1963. Z. I. Shneiderov, I. A. B. Kutsenok. Ortop. travm. i protez. 25 no. 10:75-85 O '64.

Late results of closed setting of a congenital dislocation of the hip in children. A. A. Morozova. Ortop. travm. i protez. 25 no. 10:46-49 O '64.

Late results of operative treatment of congenital dislocation of the hip in children and adolescents. E. I. A. Goncharova. Ortop. travm. i protez. 25 no. 10:26-30 O '64.

Operative treatment of congenital dislocation of the hip. Iv. Iliev. Ortop. travm. i protez. 25 no. 10:30-34 O '64.

Results of surgical correction of anteversion of the femoral neck in congenital dislocation of the hip in children. F. K. Irlamukhamedova. Ortop. travm. i protez. 25 no. 10:34-40 O '64.

Role of radical surgical interventions in the treatment of tuberculous coxitis. Risiko Tihor. Probl. tub. no. 5:62-68 '64.

Treatment of pathological dislocations of the hip in children. N. M. Mikhailova. Ortop. travm. i protez. 25 no. 10:40-46 O '64.

HIP JOINT—TUBERCULOSIS

Role of radical surgical interventions in the treatment of tuberculous coxitis. Risko Tibor. Probl.tub. no.5: 62-68 '64.

HISINGERITE

Study of the radial distribution in the roentgenomorphous minerals of the chingulite-hisingerite group. M.D. Dorfman, A.I. Soklov. Rent.mn.syr. no.4:82-86 '64.

HISTOCHEMISTRY

Histochemical detection of silicic acids. G.M. Mogil'nina. Arkh.pat. 28 no.3:77-78 '66.

HISTOLOGY

Changes in the ultrastructure of the thyroid gland in connection with its function. S.I. Kharlampovich, V.A. Gulyayev. Vest.AMN SSSR 21 no.5:43-52 '66.

Dynamics of vascular and tissue changes in the ovary fragment remaining following excision of one entire organ and a part of the other. L.E. Ettingen. Biol. eksp.biol.i med. 58 no.9:112-115 S '64.

Methodology for preparing mounts of the entire mammary gland of rats and mice. V.I. Samoilov, A.P. Chebyshev. Biol. eksp.biol.i med. 58 no.12:94-95 D '64.

HISTOLOGY—TECHNIQUE

Use of tetrahydrofuran in histological technique. V.V. Biron. Arkh.pat. 28 no.3:79-80 '66.

HISTOLOGY, PATHOLOGICAL

Akademii nauk SSSR. Institut morfologii zhivotnykh. [Experimental histology of the tumorous growth] Eksperimental'naya gistologiya opukhchivogo rosta. Pod red. A.N. Studitskogo. Moskva, Nauka, 1966. 276 p. Histopathology of madurumycosis. I.K. Esipova, Muhammad'Abd Allah al-'Arabi. Arkh.pat. 28 no.3:66-69 '66.

HISTONES

Effect of histones on the development of sea urchin embryos. V.I. Vorobiev, A.A. Neifakh. Tsitologiya 6 no.4:496-498 Ji-Ag '64.

HISTORIANS, UKRAINIAN

Conferment of a doctorate in historical sciences. V.P. Ukr. ist. zhur. 10 no.5:156 My '66.

HISTORICAL MATERIALISM

Gorshkov, V.A. [Role of the people's masses and personality in history] Rol' narodnykh mass i lichnosti v istorii. Pod red. B.K. Reinfel'da. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1965. 160 p. (CSI-II)

HISTORICAL MATERIALISM—CONGRESSES

Soveshchaniye po sovremennym problemam materialisticheskoi dialektiki. Moscow, 1965. [Dialectics of the material and intellectual life of society in the period of the building of communism; materials] Dialektika material'noi i dukhovnoi zhizni obshchestva v period stroitel'stva kommunizma; materialy. Moskva, Nauka, 1966. 271 p. (Sovremennye problemy materialisticheskoi dialektiki)

HISTORICAL MUSEUMS see subdivision under Kulatsi; Smolensk Province

HISTORICAL RESEARCH

(see also subdivision under Chernigov; Germany, East; Leningrad; Ukraine)

Great problems facing Soviet historical science. Nov.1 novosti. Ist. no.3:3-8 '66.

The Institute of History of the Academy of Sciences of the U.S.S.R. in 1965. K.N. Barakov. Nov.1 novosti. Ist. no.3:107-109 '66.

HISTORICAL SOCIOLOGY

Three patterns of the origin and evolution of precapitalist societies. L.S. Vasil'ev, I.A. Stuchevskii. Vop. ist. 41 no.5:77-90 My '66.

HISTORIOGRAPHY—BIBLIOGRAPHY see Bibliography—Historiography

HISTORY

Brief news. Vop. ist. 41 no.5:197-198 My '66.

Discussing recently published textbooks on current history. A.I.A. Shevardin. Vop. ist. 41 no.5:165-172 My '66.

HISTORY—AUDIO-VISUAL AIDS

Use of audiovisual equipment in the fourth-grade history classes. I.A.V. Smilanski. Rad.shkola 45 no.5:85 My '66.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—PHILOSOPHY

Three patterns of the origin and evolution of precapitalist societies. L.S. Vasil'ev, I.A. Stuchevskii. Vop. ist. 41 no.5:77-90 My '66.

HOCKEY

Six-time winners. Sov.voin 48 no.8:44 Ap '66. V'nik, V.A. [Victory in Tampere] Pobeda v Tampere. Pobeda v Tampere. [Leningrad] Lenizdat, 1966. 101 p.

HODGKIN'S DISEASE

Isolated lymphogranulomatosis of the ileum complicated by perforation. L.G. Dvial, A.Z. Kivaidze. Sov.med. 28 no.9:123-125 S '64.

Some characteristics of the course of abdominal lymphosarcomas in children. M.L. Dmitriev, L.E. Golovatiuk. Vest.khir. 96 no.4:120-122 Ap '66.

HOG CHOLERA

Diagnostic importance of fluorescence analysis of the blood serum, Tailor's tests, and the chemical color reaction in hog cholera. I.S. Bychkov. Veterinarika 43 no.5: 95-97 My '66.

Pathoanatomical diagnosis of hog cholera. M.S. Zhakov. Uch.zap. Viteb.vet.inst. 18:239-244 '64.

HOG CHOLERA—PREVENTIVE INOCULATION

Dynamics of protein and its fractions in the blood serum of swine after their active immunization against hog cholera. Dzh. R. Sadikhov. Trudy VNIIVS 16:242-250 '66.

Level of protein feeding and the formation of immunity in hog cholera. I.A. R. Kovalenko, M.A. Sidorov, I.A. Abdonakala. Vest.sel'khoz.nauki 11 no.4:40-45 Ap '66.

HOISTING MACHINERY

Calculating and designing the traveling block of drilling rigs. R.A. Bagramov. Mash.i neft. obr. no.4:3-6 '66.

Dimensions of the foundations of load-lifting devices. V.G. Kiselev. Mekh.stroi. 22 no.4:9-10 Ap '65.

Means for increasing the capacity of the traveling block of drilling rigs. S.G. Babayev, I.B. Perlov, A.A. Akhmedov. Mash.i neft. obr. no.4:6-10 '66.

Semiantomatic "Vorkutinsk-50" elevator. E.I. Khura, V.A. Kuznetsov. Razved. i okh.nedr 31 no.9:10-23 S '66.

Some generalizations and deductions of the investigation of dynamics of a three-mass system applicable to drawworks. K.N. Kulizhe, A.A. Saidov. Za tekhn. prog. 4 no.3 Mr '64.

HOME AND SCHOOL

How do you train your grandchildren? I. Daidala. Sem'in i shkola 21 no.4:41 Ap '66.

Let's remember the main thing. E. Petrova. Doshk. vosp. 39 no.4:20-30 Ap '66.

HOMICIDE

Borodin, S.V. [Qualification of manslaughter under the present law] Kvalifikatsiya ubistva po delatvushcheniu zakonodatel'stva. Moskva, Iuridicheskaya literatura, 1966. 251 p.

HOMOSERINE DEHYDROGENASE

Some properties of homoserine dehydrogenase in Mycolacterium album, strain 13. I.U. N. Karasevich, S.A. Butenko. Mikrobiologiya 35 no.2:212-219 Mr-Ap '66.

HOMOTOPOLOGY THEORY

The Eckmann - Hilton duality and the functor theory in the category of topological spaces. D.B. Fuks. Usp. mat.nauk 21 no.2:3-40 Mr-Ap '66.

HONING

Investigating technological characteristics of the honing process of deep-well pump bushings. N.K. Mamedkhanov. Za tekhn. prog. 4 no.3:21-26 Mr '64.

Precision of the adjustment of spindle axes of the machine tool and of the honed hole. M.Kh. Mullagulov. Stan.i instr. 37 no.5:34-36 My '66.

HONING—EQUIPMENT AND SUPPLIES

Investigating the performance of hinges of honing heads and selecting their efficient design. M.Kh. Mullagulov, V.A. Romanchuk. Avi.prom. 32 no.5:36-38 My '66.

HOPS see subdivision under Chuvashia; Ukraine

HORMONE THERAPY

Effect of some hormones on the hemopoiesis and survival of irradiated black mice of the C 57/6 line. E.E. Ogandzhanian, A.A. Parelshvili, I.G. Batikian. Probl. endok. i gorm. 10 no.2:107-110 Mr-Ap '64.

Immunologic reactions following hormone therapy and splenectomy in children with Werlhof's disease. O.S. Sveshnikova. Sov.med. 28 no.9:116-118 S '64.

Use of anabolic hormonal preparations under conditions of a geriatric office. T.A. Mart'anova, T.K. Usatenko. Trudy MOIP. Old.biol. 17:253-257 '66.

HORMONE THERAPY—COMPLICATIONS AND SEQUELAE

Disseminated focal pneumonia with eosinophilia as a complication of radiotherapy and hormone therapy of breast cancer. V.K. Polenko, M.D. Donskoi. Med. rad. 9 no.4:21-24 Ap '64.

HORMONES

Secretion of the growth hormone in patients with malignant and benign tumors. T.P. Makarenko, B.M. Gazetov. Vest.khir. 96 no.4:42-44 Ap '66.

HORMONES (PLANTS)

Effect of heteroauxin and gibberellin on the respiration and oxidative phosphorylation in the mitochondria of pea sprouts. G.M. Zhivukhina, N.I. Akusikhina. Fiziol.rast. 13 no.1:159-162 Ja-F '66.

Role of natural growth regulators on organogenesis in cherry and grape cuttings. R.Kh. Turetskaya, V.I. Koteli, E.K. Kof. Fiziol.rast. 13 no.1:20-37 Ja-F '66.

HORSE TRAINING

Importance of arterial blood pressure indices in the control of the training of race horses. A.A. Laskov, S.S. Lapidas, A.A. Kudriavtsev. Trudy VNIIVS 16: 321-327 '66.

Training of horses for triple-event contests and veterinary control. A.A. Laskov, I.A. Troitskii. Trudy VNIIVS 16:311-320 '66.

HORSES—ANATOMY

Arterial system of the submaxillary salivary gland of a horse. I.A. L. Zdanovskaya. Trudy Mosk.vet.akad. 10:297-304 '66.

Arterial vessels of the shoulder joint muscles of a horse. L.A. Guseva. Trudy Mosk.vet.akad. 10:260-261 '66.

Arteries and veins of the withers of a horse. P.I. Melokhin. Trudy Mosk.vet.akad. 10:218-242 '66.

Paths of the lymph flow from the distal segments of the pelvic extremity of a horse. P.F. Sorokovoi. Trudy Mosk.vet.akad. 10:130-147 '66.

Projection of the topographical anatomy of the sinoacrotid zone in horses. M.V. Plakhotin. Trudy Mosk.vet.akad. 10:95-107 '66.

Projections of the main vessels and nerve trunks in the region of the scapula and shoulder of a horse. M.V. Plakhotin. Trudy Mosk.vet.akad. 10:78-94 '66.

Structure of the osseous labyrinth of the internal ear of a horse. N.A. Krivosheina. Trudy Mosk.vet.akad. 10:202-206 '66.

HORSES—DISEASES AND TESTS

Clinical and pathomorphological data of the poisoning of horses with germinated oats. G.I. Matsuradze. Trudy VNIIVS 16:407-414 '66.

Clinical biochemical and cytological changes in surgical sepsis and other forms of surgical infection in horses. I.A. I. Shneberg. Trudy Mosk.vet.akad. 10:20-34 '66.

Immunity in epizootic lymphangitis of horses. A.I. Noskov. Trudy VNIIVS 16:366-372 '66.

Pathoanatomical and histological changes in experimental and natural streptococcal sepsis of the septicemia type in horses. L.M. Pichugin. Trudy Mosk.vet.akad. 10:189-217 '66.

Transfusion of heterogeneous blood in horses. M.D. Kharchenko. Trudy Mosk.vet.akad. 10:70-77 '66.

Treatment of complicated fractures of some bones of the pelvic girdle in horses. M.V. Plakhotin. Trudy Mosk.vet.akad. 10:59-64 '66.

Treatment of suppurative podotrochilitis in horses. G.S. Mastyko, E.M. Bagriyevskaya. Uch.zap. Viteb.vet. inst. 18:323-327 '64.

HORSES—FEEDING AND FEEDS

Characteristics of feeding race horses. A.A. Laskov, I.A. Troitskii. Trudy VNIIVS 16:328-334 '66.

HOSE—VIBRATION

Vibrations of flexible hoses filled with a flowing fluid. V.A. Svetitskii. Izv.vys.ucheb.zav.; mashinostr. no.3:22-30 '66.

HOSPITAL PHARMACIES

Branch drugstore at a polyclinic. M.K. Chaplinskaya. Far-matsv. zhur. 19 no.2:88-89 '64.

HOSPITALS—DESIGN AND CONSTRUCTION

Some problems in designing hospital premises. F.M. Ashrafi. Stroi.i arkh. Uzb. 7 no.5:20-32 My '66.

HOSPITALS—OUTPATIENT SERVICES

(see also subdivision under Moscow)

Gerontologic center. Cluza and others. Sov.med. 28 no.9:141-143 S '64.

Results of the treatment of patients with active pulmonary tuberculosis treated for the first time according to dispensary data. M.S. Shmittser and others. Probl.tub. no.5:14-15 '64.

HOT-AIR HEATING

Calculating inlet air stream systems of ventilation combined with hot-air heating. A.I.A. Nosovitskii. Izv.vys.ucheb.zav.; stroi.i arkh. 9 no.3:88-95 '66.

HOTBEDS

- Efficacy of using various types of hotbed covers. K.I. Budaeva, G.G.Semikina. Sbor. trud. po agron. fiz. no. 12:45-48 '65.
- Peat soils in hotbeds and greenhouses. N.V. Vasil'evskaya. Vest. sel'khoz. nauki 11 no. 2:135-137 F '66.
- Radiative and convective components of heat loss in hotbeds. G.G.Semikina. Sbor. trud. po agron. fiz. no. 12:49-52 '65.

HOTELS, TAVERNS, ETC.

- Passenger vessels-hotels. A. Matsveiko, A. Khvatov. Rech. transp. 25 no. 4:15-16 '66.

HOTHOUSES see Greenhouses

HOUND'S TONGUE—PHYSIOLOGICAL EFFECT

- Studying the repellent action of hound's-tongue on brown rats. D.F. Trakhanov, A.A. Poljakov. Trudy VNIIVS 16:347-356 '69.

HOURS OF LABOR

- Continuous work regime in the textile industry and workers' leisure time. L.S. Kolobov. Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:52-57 '64.

HOUSE DRAINAGE see Drainage, House

HOUSE PLANTS

- House plants. A. Nekhludova. Doshk. vosp. 39 no. 4: 68-69 Ap '66.

- Usval'skaya, A.V. [The study of house plants in the lower grades of auxiliary schools; a manual for the teachers of lower grades] Izucheniye komnatnykh rasteniy v mladshikh klassakh vspomogatel'noi shkoly; posobie dlya uchitelei nachal'nykh klassov. Izd. 2., 1969. 1 dop. Moskva, Prosveshchenie, 1966. 77 p.

HOUSING—LAW AND LEGISLATION

- Invalidation of an order assigning housing space. IU. Kon'kov, S. Korneev. Sov. iust. 30 no. 9:21-23 My '66.

HOUSING—STATISTICS

- Broner, D.L. [The housing problem and statistics] Zhilishchnyy vopros i statistika. Moskva, Statistika, 1966. 71 p. (Statistika dlya vseh)

HOUSING, COOPERATIVE—LAW AND LEGISLATION

- Nechetskii, M.A. [Legal problems of housing cooperation] Pravye voprosy zhilishchno-stroitel'noi kooperatsii. Saratov, Privolzhskoe knizhnoizd-vo, 1964. 86 p. (CSH-H)

HOUSING FOR PHYSICALLY HANDICAPPED see subdivision under Lithuania

HULLS (NAVAL ARCHITECTURE)—STANDARDS

- Standardization in the construction of ship hulls. A.V. Bronnikov and others. Sudostroenie 56 no. 3:46-51 Mr '66.

HUMAN ENGINEERING

- Foot control systems. Tekh. est. no. 2:25-26 F '65.
- Interior decoration of the assembly shops of airplane factories. M. Krichevskii, G. Cherkasov. Tekh. est. no. 2:3-8 F '65.

HUMANISM see subdivision under Lithuania

HUMIDITY

- Investigating the operation of a dehumidifying installations for indicating and recording instruments of a petroleum refinery. R.M. Gaimanov and others. Neftepr. i neftekhim. no. 5:40-43 '66.

HUMIDITY—MEASUREMENT

- Measuring scheme for electrolytic humidity pickups. E.S. Krichevskii, A.R. Urbonaviciute. Zav. lab. 32 no. 1:112-113 '66.

HUMUS

- Change in the content and composition of humus and nitrogen in Chernozems of the European part of the U.S.S.R. when brought under cultivation. V.V. Lavrent'ev. Agrokhimia no. 5:17-26 My '68.
- Effect of continuous cultivation and regular use of fertilizers on the content and composition of humus in leached Chernozems. P.S. Koltakova, G.A. Shevchenko. Agrokhimia no. 5:27-33 My '68.
- Ozonization products of humic substances. M.A. Shevchenko, P.N. Taran. Ukr. khim. zhur. 32 no. 6: 532-536 '66.

HUNGARY—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

- Large-panel apartment houses in Hungary. Pete Balint. Zhil. stroi. no. 8:30-32 '64.

HUNGARY—BIBLIOGRAPHY

- [New literature on Hungary] Nov. lit. po Veng. no. 4 '66.

HUNGARY—CALVES—DISEASES AND PESTS

- Case of viral diarrhea among newborn calves. J. Ronivary. Veterinaria 43 no. 5:108-109 My '66.

HUNGARY—COMMERCE—RUSSIA

- Unshakable friendship. G. Boldizhar. Vnesh. torg. 46 no. 4:11-14 '66.

HUNGARY—ECONOMIC CONDITIONS

- Unshakable friendship. G. Boldizhar. Vnesh. torg. 46 no. 4:11-14 '66.

HUNGARY—GEOLOGICAL SOCIETIES

- Anniversary Conference of the Hungarian Geological Society. E.K. Ustiev, V.P. Petrov. Izv. AN SSSR, Ser. geol. 31 no. 5:147-152 My '66.

HUNGARY—PATENT LAWS AND LEGISLATION

- Some problems in the application of laws on technological innovations in the Hungarian People's Republic. G. Palcs. Vop. izobr. no. 3:8-10 Mr '66.

HUNGARY—SOLMIZATION

- New trends in music education. P. Vela. Sov. muz. 30 no. 4:106-115 Ap '65.

HUNGER

- Excitability of the food center and external pancreatic secretion. V.V. Zolotov. Fiziol. zhur. 50 no. 10:1262-1268 O '64.

HUNTING see subdivision under Czechoslovakia

HYALURONIC ACID

- Participation of hyaluronidase-hyaluronic acid system in blood coagulation. E.P. Stepanian, V.M. Khrushchova, M.A. Golosovskaya. Dokl. AN SSSR 168 no. 3:718-720 My '66.

HYALURONIDASE

- Effect of hyaluronidase on the activity of hyperimmune antihypersensitizing serum. A.A. Shpakovskii. Uch. zap. Viteb. vet. inst. 18:228-233 '64.
- Neutralization by the gamma-globulin of donor serum of the hyaluronidase produced by Streptococcus cultures of various origins. Chzhan Ven'-tui [Chang Wen-yui]. Zhur. mikrobiol., epid. i immun. 41 no. 7:123-129 Ji '64.

HYDANTOIN—PHYSIOLOGICAL EFFECT

- Synthesis of azolidine derivatives with possible hypoglycemic effect. Report No. 6: 3-acyl derivatives of 2-thiohydantoin. V.H. Zubenko, E.N. Kolodii. Farmatsev. zhur. 21 no. 2:6-10 '66.

HYDATIDS

- Echinococcosis in elderly and senile age. G.A. Dudkevich. Trudy MOIP, Otd. biol. 17:264-267 '66.

HYDRATION

- Hydration of α -nitrocrotic ester in an acid medium. V.M. Belikov, IU. N. Belokon'. Izv. AN SSSR, Ser. khim. no. 5:936-937 '66.
- Kinetic study of the hydration of cobalt (III) complexes in aqueous organic solutions. V.D. Panasiuk, E.R. Palendysh, L.B. Katova. Zhur. neorg. khim. 11 no. 5:1063-1068 My '65.

HYDRAULIC CONTROL

- Hydraulic regulator of the number of revolutions with additional action in acceleration. A.I. Kokhanskii. Avtomatiz. protzv. prota. v mashinostr. i prib. no. 2: 19-21 '65.

- Improved methods for calculating the traction characteristics of polarized mechanisms. S.P. Kolosov, V.I. Nefedova. Trudy MET no. 211:64-70 '65.

HYDRAULIC CONVEYING

- Determining the critical rate and the loss of pressure in horizontal tailing lines during the hydraulic conveying of loose weighted materials. A.M. Motnov. Izv. vyz. ucheb. zav.; stroi. i arkhit. 0 no. 3:70-76 '66.
- A rapid method of determining quality changes in coals during its hydraulic transportation by pipelines. E.F. Rukov, A.E. Smolodtsev, V.V. Truinis. Ugol' 41 no. 5:28-30 My '66.
- Selection of fuel preparation procedures for boilers with hydraulic slag removal. N.V. Pavlov, M.A. Baskin, I.E. Grigor'ev. Elek. sta. 37 no. 3:21-25 Mr '66.

HYDRAULIC CONVEYING—FLUID DYNAMICS

- Determining the characteristics of a turbulent fluid from the measurement of the turbulent diffusion. I.A. Pishchenko. Khim. mashinostr. no. 2:157-161 '65.

HYDRAULIC CONVEYING—HYDRODYNAMICS

- Effect of flow turbulence on the manometer reading of the static pressure in a tube. I.A. Pishchenko. Khim. mashinostr. no. 2:153-156 '65.

HYDRAULIC ENGINEERING

- Experimental study of the performance of a four-outlet devalving conduit. L.G. Rabukhin. Izv. vyz. ucheb. zav.; stroi. i arkhit. 0 no. 3:106-110 '66.
- Passage of the discharge through the turbine blocks of a hydroelectric power station during the period of construction. G.A. Peryshkin, I.V. Pilyayovich. Izv. vyz. ucheb. zav.; stroi. i arkhit. 0 no. 3:100-106 '66.
- Plotting the shape of the channel in a stream bend. IU. A. Dlad-zade, A.A. Bulagov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 6:81-88 '65.

HYDRAULIC ENGINEERING—ACCOUNTING

- Verification of documentation on construction. A. Pozdnikov. Den. i kred. 24 no. 5:67-71 My '66.

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES

- All-Union scientific and technical conference on the application of polymeric materials in hydraulic engineering. IA. M. Pashchenko, Z.A. Aronovskii, E.K. Obrezkov. Plast. massy no. 5:72 '66.

- Analysis of the performance of waterlowering equipment in hydraulic construction. N.D. Smirnov. Trudy Kish. politekh. inst. no. 2:129-135 '64.

HYDRAULIC ENGINES

- Hydraulic piston engine and some examples of its use for the drive of a drilling mechanism. G.I. Neudachin. Razved. i okh. nedr. 31 no. 9:23-25 S '65.

HYDRAULIC JACKS

- Using hydraulic jacks in constructing crossings over terrain obstacles. G.P. Afanasenko. Stroi. truboprov. 10 no. 4:22 Ap '65.

HYDRAULIC MACHINERY

- Certain problems of modelling the impact in the investigation of the operation of hydraulic impact drilling machinery. A. IA. Vol'pert. Trudy MINKHIGP no. 60:162-168 '66.
- Certain problems of percussive-rotary drilling using hydraulic impact machinery. E.P. Epshstein, V.P. Sirik, IU. D. Resanov. Trudy MINKHIGP no. 60:175-180 '66.
- Theoretical investigation of hydraulic impact mechanisms. I.A. Charnyi, I.N. Bulanovskii. Trudy MINKHIGP no. 60:180-184 '66.

HYDRAULIC MINING

- Okrutnitsko, V.A., and A.I. Kuprin. [Underground hydraulic mining of coal] Podzemnaya gidrodobycha ugla. Moskva, Nedra, 1966. 324 p.

HYDRAULIC MINING—EQUIPMENT AND SUPPLIES see subdivision under Kuznetsk Basin

HYDRAULIC MINING—TABLES, CALCULATIONS, ETC.

- Establishing standards for stable wall slopes of dredger worked open-pit mines in planning the working of deep placers. G.N. Voronchikhin. Izv. vyz. ucheb. zav.; gor. zhur. 0 no. 4:25-26 '66.

HYDRAULIC PRESSES

- Improving the technology of making hollow forgings on hydraulic and steam-hydraulic presses. V.F. Kasanov, G.A. Matrosov, A.G. Salykov. Kuz.-shlap. protzv. 8 no. 4:44-46 Ap '66.

HYDRAULIC PRESSES—DESIGN AND CONSTRUCTION

- Modernizing the PGSI hydraulic press. IA. V. Bozhko. Kuz.-shlap. protzv. 8 no. 4:3 of cover Ap '66.

HYDRAULIC PRESSES—MAINTENANCE AND REPAIR

- Repairing some basic parts of hydraulic presses. A.A. Davidovskii. Prom. Bel. 9 no. 1:34 Ja '66.

HYDRAULIC PRESSES—TRANSMISSION DEVICES

- Experimental investigation of a hydraulic press with accumulatorless piston drive for use in blanking. N.V. Petrov. Kuz.-shlap. protzv. 8 no. 5:28-30 My '66.
- Regulation of forces and speed of hydraulic presses with individual piston-accumulator drive. S.M. Topaler, V.A. Anni. Kuz.-shlap. protzv. 8 no. 5:32-36 My '66.

HYDRAULIC STRUCTURES

- Concentration of stress in welded elements of hydraulic structures. N.G. Bazilevskii. Trudy LPI no. 257:166-171 '65.
- Elastic mattress from concrete and stone blocks and combinations with it used for reinforcement of river and canal beds and slopes of hydraulic structures. A.T. Kalentchenko. Energ. stroi. no. 2:11-13 '65.
- Use of new materials in constructing joints of precast hydraulic structures. O.A. Lukinskii. Stroi. i arkhit. Uzb. 7 no. 5:12-15 My '66.

HYDRAULIC TURBINES

- Automatic regulation of pressure settings in the speed regulators of hydraulic turbines. I. I. Bobrov, V. M. Dolgoplov, B. N. Pansovich. *Elek. sta.* 37 no. 3:48-51 Mr '66.
- Design of the stator columns of hydraulic turbines. I. E. Mikhailov, R. A. Novoderezhkin. *Energomashinostroyeniye* 12 no. 4:27-29 Ap '66.
- Installation of the experimental unit of the Volga Hydroelectric Power Station (22d Congress of the CPSU). B. K. Andrienko, M. I. Gal'perin, A. G. Rudnik. *Energ. stroi.* no. 40:46-53 '64.
- Principal problems and trends in the development of present-day hydroelectric power machinery industry. A. N. Goncharov. *Energ. stroi.* no. 40:41-46 '64.
- Some design data on hydraulic turbine shafts. S. A. Filipovich. *Energomashinostroyeniye* 12 no. 4:46-49 Ap '66.

HYDRAULICS

- Galilei and his school of hydraulics and hydraulic engineering. F. Nesteruk. *Rech. transp.* 23 no. 2:40-49 F '64.
- Hydraulic principles for determining the parameters of batches of liquid metal with constant pressure at the inlet. G. G. Branover, O. A. Lielaisis, E. I. U. Shekhter. *Mag. gidr.* no. 1:103-108 '66.

HYDRAZINE

- Interaction of asymmetrical disubstituted hydrazines with α , β -unsaturated acid derivatives. Report No. 2; Structure of 1,1-dimethyl-3-pyrazolium oxides. N. P. Zapevalova, T. A. Sokolova. *Izv. AN SSSR, Ser. khim.* no. 5:865-871 '66.
- Kinetics of hydrazine oxidation by nitrous acid. V. S. Koltunov, V. I. Marchenko. *Kin. i kat.* 7 no. 2:224-229 Mr-Apr '66.
- Morphological characteristics of experimental myocardial infarct following the use of hydrazine derivatives. M. D. Shmerling, N. K. Popova. *Ark. pat.* 28 no. 3:30-41 '66.

HYDRAZINE—PHYSIOLOGICAL EFFECT

- Inhibition of mitochondrial monoamine oxidase by 3,4-dimethoxybenzyl hydrazine (vetrazine) and related compounds. *Biol. eksp. biol. i med.* 50 no. 12:48-52 D '64.

HYDRAZONES

- Interaction of hydrazones and azines with metal salts. Report No. 5; Reaction of hydrazones and azines with bivalent mercury halides. A. S. Gudkova, M. I. Aleksova, O. A. Reutov. *Izv. AN SSSR, Ser. khim.* no. 5:844-848 '66.
- Interaction of hydrazones and azines with metal salts. Report No. 6; Synthesis of organomercury compounds from complexes of hydrazones with bivalent mercury halides. A. S. Gudkova, M. I. Aleksova, O. A. Reutov. *Izv. AN SSSR, Ser. khim.* no. 5:849-855 '66.

HYDROBIOLOGY see subdivision under Black Sea

HYDROBIOLOGY—CONGRESSES

- Atendemia nauk SSSR. Ob'edineniy nauchnyy sovet "Fiziologiya cheloveka i zhivotnykh."* [Physiological principles of the ecology of aquatic animals; abstracts of reports read at the scientific conference in Sevastopol, May 24-26, 1965] *Fiziologicheskie osnovy ekologii vodnykh zhivotnykh; tozisy dokladov na nauchnom soveshchani, Sevastopol', 24-26 maya 1965 g. [n.p.]* 1965. 119 p.

HYDROBIOTITES

- X-ray determination of mixed-layered minerals (hydrobiotites) intermediate between biotite and vermiculite. *Rent. min. syr.* no. 4:135-143 '64.

HYDROBROMIC ACID

- Effect of α -amino acid radical on the rate of carbocyclohexyloxy group cleavage in hydrobromolysis. V. A. Shubnev and others. *Izv. AN SSSR, Ser. khim.* no. 5:924-926 '66.
- Effect of substituents in a carbocyclohexyloxy group on the rate of its cleavage in hydrobromolysis. K. T. Poroshin and others. *Izv. AN SSSR, Ser. khim.* no. 5:922-924 '66.

HYDROCARBONS

- Carbalkoxylation reactions. Part 3: Carbomethoxylation of saturated hydrocarbons by means of formic acid and methanol. M. B. Ordian, I. A. T. Eldus, T. A. Kaul. *Izv. AN Arm. SSR, Khim. nauk* 18 no. 6:585-593 '65.
- Classification of liquid phases by their relative polarity and separation of hydrocarbon mixtures by gas-liquid chromatography. R. I. Sidorov, M. P. Ivanova. *Zhur. anal. khim.* 21 no. 4:479-485 '66.
- Composition of solid petroleum hydrocarbons. D. Shopov, V. Penchev, N. Davidova. *Neftekhimika* 4 no. 6:813-818 N-D '64.
- Gas chromatographic indices of certain oxygen compounds and halogen derivatives of hydrocarbons. L. Kudrjavtseva, S. Rung, O. Elsen. *Izv. AN Est. SSR, Ser. fiz.-mat. i tekhn. nauk* 15 no. 1:113-120 '66.

- Isotopic composition of argon in natural gases. V. V. Chudintsev, E. M. Kolesnikov, I. V. Lizarskaia. *Geokhimiya* no. 5:604-606 My '66.

- Jet migration of hydrocarbons and its role in the formation of oil and gas fields in Azerbaijan. V. A. Gorin. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 3:37-42 '64.

- Mechanism involved in the decomposition of hydrocarbons at low temperatures photoionized by benzene. V. G. Vinogradova and others. *Dokl. AN SSSR* 160 no. 1:134-136 My '66.

- Methodology of the extraction of bituminoids from rocks. A. E. Kontrovich and others. *Geol. i geofiz.* no. 2:135-139 '66.
- Pyrolysis of ethane and dodecylbenzene on certain ores. V. V. Patrikeev, A. A. Balandin, K. I. Orlova. *Zhur. prikl. khim.* 38 no. 8:1808-1813 Ag '65.

- Results of studying the quantitative content of polynuclear aromatic hydrocarbons in the organic matter of rocks of different origin. V. N. Florovskaya, T. A. Teplovskaya, R. I. Persenov. *Geokhimiya* no. 5:538-545 My '66.

HYDROCARBONS—ANALYSIS

- Investigation of various stationary liquid phases for chromatographic separation of isomeric aromatic hydrocarbons. M. S. Vilderganz, O. G. Chabrova. *Neftekhimika* 4 no. 6:932-937 N-D '64.

HYDROCARBONS—THERMAL PROPERTIES

- Device for experimental investigation of the heat conductivity of liquid hydrocarbons depending on temperature and pressure. A. K. Abbas-Zade, K. D. Guseinov. *Zh. tekhn. prog.* 6 no. 4:6-7, 42 Ap '66.

HYDROCEPHALUS

- Modification of a vinyl chloride catheter for prolonged drainage of the lateral ventricles. V. A. Kiselev. *Vop. neirokhir.* 30 no. 2:61 Mr-Apr '66.

HYDROCHLORIC ACID

- Catalytic dehydrochlorination of monochloroderivatives of ethyl- and dimethylcyclohexanes to ethyl- and dimethylcyclohexenes. M. I. Shulkin, E. D. Tulupova, E. G. Ostapenko. *Neftekhimika* 4 no. 6:876-879 N-D '64.

- Role of hydrochloric acid in the extraction of scandium by tributyl phosphate. L. V. Favorskaya, A. D. Romanova. *Zhur. neorg. khim.* 11 no. 5:1227-1228 My '66.
- Solubility of germanium dioxide in hydrochloric acid. L. N. Bzhigina, V. M. Andreev. *Zhur. neorg. khim.* 11 no. 4:870-877 Ap '66.

HYDROCHLORIC ACID, EFFECT OF RADIATION ON

- Radiolysis of aqueous solutions of hydrochloric acid. L. T. Bugaenko, V. M. Moralev. *Zhur. neorg. khim.* 11 no. 4:838-844 Ap '66.

HYDRODYNAMICS

- Buoyancy and hydrodynamic function of the body of nektonic animals. I. U. G. Aleev. *Zool. zhur.* 45 no. 4:575-584 '66.
- Investigating critical heat fluxes in a high-speed, steam-and-water mixture flow at low pressures. F. A. Agafonova, B. S. Filippovich. *Inzh.-fiz. zhur.* 10 no. 5:620-625 My '66.
- Rigorous theory of steady waves on a free surface and at the interface of two liquids. S. R. P. Slinka. *Dokl. AN SSSR* 160 no. 1:47-50 My '66.
- Turbulent motion of a fluid in annular tubes. E. E. Lemelkhov. *Vest. LGU* 21 no. 7:81-96 '66.

HYDRODYNAMICS—BOUNDARY VALUE PROBLEMS

- Self-consistent hydrodynamic problem concerning the motion of relativistic electrons in a homogeneous magnetic field. S. B. Rubin. *Zhur. tekhn. fiz.* 35 no. 10:1746-1748 O '65.

HYDROELECTRIC POWER STATIONS

- (see also subdivision under Africa; Leningrad; see also; Kiev Hydroelectric Power Station; Toklogul Hydroelectric Power Station; Upper Tuoloma Hydroelectric Power Station; Volga Hydroelectric Power Station (Lening); Volga Hydroelectric Power Station (22d Congress of the CPSU))

- Concerning V. L. Fedorov's article "One method for obtaining continuous relative increment characteristics of hydroelectric power stations." N. A. Mamed-zade. *Elek. sta.* 36 no. 3:78-80 Mr '65.

- Determining the planned level in the unsteady flow zone of the after-bays of hydroelectric power stations. V. Gaikov. *Rech. transp.* 25 no. 4:39-41 '66.

HYDROELECTRIC POWER STATIONS—CORROSION

- Electrochemical protection against corrosion of metal structures of hydroelectric power stations. M. S. Triflet and others. *Elek. sta.* 37 no. 3:39-43 Mr '66.

HYDROELECTRIC POWER STATIONS—DESIGN AND CONSTRUCTION

- Ancient river valleys and their significance for the construction of hydroelectric power stations as revealed by a study made in the Far East and Siberia. L. A. Nikituk. *Trudy Lenglidropoektia* 2:80-94 '65.

- Use of concrete metalwork members in hydraulic engineering. G. A. Polonskii. *Energ. stroi.* no. 2:69-73 '65.

HYDROELECTRIC POWER STATIONS—WATER SUPPLY

- "Ural-4" electronic digital computer for the analysis of optimal water flow conditions. V. E. Gromova, I. A. Karmazin, E. V. TSvetkov. *Elek. sta.* 37 no. 3:44-48 Mr '66.

HYDROFLUORIC ACID

- Extraction of hydrofluoric and sulfuric acids present together by means of tri-n-butyl phosphate. S. S. Korovin and others. *Zhur. neorg. khim.* 11 no. 4:848-849 Ap '66.

HYDROFOIL BOATS

- (see also subdivision under United States)

- Zviagin, A. D., and V. V. Shumbarov. [Testing the strength and vibration of hydrofoil boats] *Ispytaniya prochnosti i vibratsii sudov na podvodnykh kryl'kakh*. Leningrad, Sudostroitel, 1965. 211 p.

HYDROGEN

- Hydrogen resistance of bimetals. I. I. Archakov. *Zhur. prikl. khim.* 38 no. 8:1754-1760 Ag '65.
- Recombination of hydrogen atoms studied by the methods of calorimetry, diffusion, and semiconducting probes. I. N. Pospelova, I. A. Miasnikov. *Kin. i kat.* 7 no. 2:195-201 Mr-Apr '66.

HYDROGEN BONDING

- Catalytic activity of some metals in reactions involving hydrogen as related to metal-hydrogen bond energy. S. M. Reshetnikov, A. M. Sokol'skaya, D. V. Sokol'skii. *Dokl. AN SSSR* 160 no. 3:639-641 My '66.

HYDROGEN CRYSTALS

- Phase transition in the hydrogen crystal. V. P. Trubitsyn. *Fiz. tver. tela* 8 no. 3:862-865 Mr '66.

HYDROGEN-ION CONCENTRATION

- Effect of hydrogen-ion concentration on the work of the pairs of differential reaction. I. P. Gladysheva, A. I. A. Shtatlov. *Izv. vys. ucheb. zav. i khim. i tekhn.* 9 no. 1:40-52 '66.

- Effect of pH of the medium on hydrogenation kinetics on a Pd catalyst. S. M. Reshetnikov, A. M. Sokol'skaya. *Kin. i kat.* 7 no. 2:279-283 Mr-Apr '66.

- Effect of pH of the medium on the vital activity of butyric bacteria. V. V. Lipshita, S. S. Nahorna. *Mikrobiol. zhur.* 20 no. 3:9-14 '66.

- Extraction-photometric methods for the determination of alkaloids. Report No. 1; Acid-base properties of components and the effect of pH on the extractability of alkaloid compounds with acid dyes. A. K. Babko, V. S. Kontushko. *Zhur. anal. khim.* 21 no. 4:486-490 '66.

- Study of conformational changes in α -chymotrypsin by the rotatory dispersion method. I. A. Bolotina, M. V. Vol'kenshtein, O. P. Chkalova-Luzina. *Biokhimiya* 31 no. 2:241-245 Mr-Apr '66.

HYDROGEN ISOTOPES

- Slow isotopic hydrogen exchange in DNA of the T2 phage. L. A. Osterman and others. *Biokhimiya* 31 no. 2:308-404 Mr-Apr '66.

HYDROGEN PEROXIDE

- Effect of metal sulfides on the degree of dissolution of copper sulfides in hydrogen peroxide. M. I. Timmerbulatova, B. S. Khristoforov. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:118-121 '65.
- Using hydrogen peroxide for the separate determination of primary and secondary copper sulfides. M. I. Timmerbulatova, B. S. Khristoforov. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:113-117 '65.

HYDROGENATION

- Automatic hydrofining of fuel fractions of Baku petroleum. S. A. Sultanov, M. A. Mardanov. *Azerb. naft. khoz.* 45 no. 4:31-32 Ap '66.

- Effect of pH of the medium on hydrogenation kinetics on a Pd catalyst. S. M. Reshetnikov, A. M. Sokol'skaya. *Kin. i kat.* 7 no. 2:279-283 Mr-Apr '66.

- Hydrogenation of piperylene. I. L. Fridshteyn, L. M. Kaminskii, I. I. Dmitriev. *Neftekhimika* 4 no. 6:824-828 N-D '64.

- Hydrogenation of pyrocondensate for obtaining gasoline. V. A. Puchkov and others. *Nefteper. i neftekhim.* no. 3:6-10 '66.

- Kinetics of benzene hydrogenation on nickel. Part 1: Reactions in the kinetic region. I. U. Snagovskii, G. D. Liharskii, G. M. Ostrovskii. *Kin. i kat.* 7 no. 2:258-265 Mr-Apr '66.

- Polymerization taking place during oil and fat hydrogenation and its causes. B. N. Tiutunov, I. V. Bogdan. *Masl. zhur. prom.* 32 no. 4:12-14 Ap '66.

HYDROLYSIS

- Hydrolysis and pyrolysis of bicyclo-(3,2,0)-heptano. A. F. Plate and others. *Neftekhimika* 4 no. 6:810-823 N-D '64.

HYDROGRAPHIC SURVEYING

Instrumental checking of navigational leading lines. D. Aroschenko. *Rech. transp.* 23 no. 2:39-41 '64.

HYDROGRAPHY

Determining the planned level in the unsteady flow zone of the after-bays of hydroelectric power stations. V. Galkov. *Rech. transp.* 25 no. 4:33-41 '66.

HYDROLOGY

(see also subdivision under Dnieper Reservoir; Krasnoyarsk Territory)

Winter temperature regime in the region adjacent to reservoir dams and the sources of rivers flowing out from lakes. N. M. Sokolnikov. *Trudy Leningradskoye 2:198-209 '65.*

HYDROLOGY—RESEARCH see subdivision under Germany, West

HYDROLYSIS

Acid hydrolysis of polyglutamic acid. I. Rusanak. *Vysokom. soen.* 8 no. 5:952-954 My '66.

Crystallochemical study of neodymium fluoride pyrohydrolysis. L. R. Batsanova, N. V. Podberezskaya. *Zhur. neorg. khim.* 11 no. 5:937-940 My '66.

Effect of choline on the rate of acetylcholine hydrolysis with acetylcholinesterase of bovine erythrocytes. A. P. Brestkin, L. A. Ivanova, V. V. Svechnikova. *Biokhimiya* 31 no. 2:416-423 Mr-Apr '66.

Effect of micro-organisms on the hydrolysis of fish oil. L. N. Smolina. *Ryb. khoz.* 42 no. 3:67-68 '66.

Free energy of the hydrolysis of peptide bond and the enzymic synthesis of N-acetylpeptide esters. L. V. Kozlov and others. *Biokhimiya* 31 no. 2:315-321 Mr-Apr '66.

Gradual fermentative hydrolysis of securidamide. V. V. Zatul, P. I. Hvozdiak. *Farmatsevt. zhur.* 21 no. 2:60-63 '66.

Hydrolysis of nitrate complexes of nitrosoruthenium. B. P. Nikol'skii, E. I. Il'enko. *Radiokhimiya* 8 no. 2:189-197 '66.

Hydrolysis of potassium hexachlororhodate. A. V. Baibaev, B. V. Pitsyn. *Zhur. neorg. khim.* 11 no. 4:766-769 Ap '66.

Kinetics of alkaline hydrolysis of fluosulfonate ion. I. G. Ryas, A. Kh. Drabkina. *Kin. i kat.* 7 no. 2:310-322 Mr-Apr '66.

Kinetics of the alkaline hydrolysis of isomers of [Pt(NH₃)₂Cl₂] composition. A. A. Grinberg, A. A. Kornbleva. *Zhur. neorg. khim.* 11 no. 4:751-759 Ap '66.

Modernization of acid pumps. N. I. Sushko. *Gidroliz. i lesokhim. prom.* 19 no. 4:24 '66.

Secure a continuous growth of labor productivity in the hydrolysis industry. I. I. Gorshkov, V. K. Moiseeva, E. S. Manovich. *Gidroliz. i lesokhim. prom.* 19 no. 4:1-3 '66.

Some oxidative processes in the strains of *Bacillus subtilis* and *Bac. mesentericus*, producers of hydrolytic enzymes. I. D. Kolchyn'ska and others. *Mikrobiol. zhur.* 28 no. 3:3-8 '66.

Study of ovalbumin hydrolysis by trypsin. E. D. Kaverzova, F. V. Shmakova. *Biokhimiya* 31 no. 2:380-386 Mr-Apr '66.

Studying the hydrolysis of alkylaryl triazenes. Part I. Analysis of alkylaryl triazene spectra. V. K. Kruglov, A. P. Ershov, A. A. Kharkharov. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 9 no. 1:105-108 '66.

Studying the possibilities of accelerating the hydrolysis of woodpulp and wood by means of ultrasonic waves. O. A. Dmitrieva and others. *Izv. vys. ucheb. zav. i les. zhur.* 9 no. 1:134-138 '66.

Synthesis and hydrolysis of phenoxyl-β-chloroethylidene acetate. K. Kh. Zikherman, L. G. Stepanova. *Izv. AN SSSR, Ser. khim.* no. 5:937-938 '66.

HYDROMETALLURGY

Heat of formation of lead tellurite. M. A. Berchenko, A. I. Beliaev, Z. L. Leschinskaya. *Izv. vys. ucheb. zav. i tsvet. met.* 9 no. 2:34-38 '66.

Kinetics of the reduction of cobaltamine from solutions under hydrogen pressure. Z. L. Ratner, G. N. Dobrokhov. *Izv. vys. ucheb. zav. i tsvet. met.* 9 no. 2:26-34 '66.

Pilot plant testing of a hydrometallurgical flow sheet for the treatment of copper-bismuth concentrates. L. A. Chazova and others. *Tsvet. met.* 39 no. 5:32-34 My '66.

HYDROMETEOROLOGICAL RESEARCH

The 23d Congress of the CPSU and tasks of the Hydrometeorological Service. *Meteor. i gidrol.* no. 5:1-1V My '66.

HYDROPEROXIDES

Influence of ionizing radiation on the kinetics of hydroperoxide accumulation in the oxidation of cumene at higher temperatures. Role of impurities contained in the cumene. V. L. Antonovskii, I. A. Kuznetsov, I. A. Mekhrushev. *Neftekhimiya* 4 no. 6:863-868 N-D '64.

Study of the interaction of hydroperoxide groups in rubbers with phenothiazine by the electron paramagnetic resonance method. I. Benitska and others. *Vysokom. soen.* 8 no. 5:893-897 My '66.

HYDROPHOBIA see Rabies

HYDROPONICS

Effect of the relation between the growth speed of aerial and subterranean parts of tomato plants on the budding time and yield under the conditions of photoculture. L. S. Aleksandrova. *Sbor. trud. po agron. fiz.* no. 12:95-104 '65.

Effect of various nutrient mixtures on the growth of tomatoes under the conditions of photoculture. I. V. Medvedeva. *Sbor. trud. po agron. fiz.* no. 12:105-107 '65.

Veski, Esta. [Some results of growing carnations and roses in hydroculture] *Nelkide ja rooside hüdrukultuuris kasvatamise tulemusi*. Tallinn, Eesti NSV Teaduste Akadeemia, 1965. 68 p. [In Estonian] (DNAI)

HYDROQUINONE—TOXICOLOGY

Experimental analysis of the permissible limit concentration of hydroquinone in the water of reservoirs. E. A. Mozhayev. *San. okhr. vod. ot zagr. prom. stoeh. vod.* no. 7:194-205 '65.

Toxicity of hydroquinone in chronic poisoning. E. A. Mozhayev, V. P. Osintseva, E. V. Arzamashev. *Farm. i toks* 29 no. 2:238-240 Mr-Apr '66.

HYDROTHERAPY

Balneological treatment of elderly patients with dystrophic (noninfectious) lesions of joints. M. N. Syroechkovskaya. *Trudy MOIT, Otd. biol.* 17:216-225 '66.

HYDROXAMIC ACIDS

Synthesis of graft copolymers of cellulose and polyacryl-hydroxamic acid. L. S. Galbraith, T. V. Vladimirova, Z. A. Rogovin. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 9 no. 1:113-116 '66.

HYDROXYLAMINE

Some kinetic regularities of the process of hydroxylamine sulfate electrosynthesis. R. K. Kvaratskhelia, R. I. Agladze. *Elektrokhimiya* 2 no. 5:530-541 My '66.

Synthesis of heterocyclic analogs of hydroxylamine. E. G. Rozantsev, V. A. Golubev. *Izv. AN SSSR, Ser. khim.* no. 5:891-896 '66.

HYDROXYLAMINE—EFFECT ON PLANTS see Plants, Effect of hydroxylamine on

HYGIENE

Medical and hygienic problems in M. V. Lomonosov's works on electricity. Vop. kur. fizioter. i lech. fiz. kul't. 29 no. 5:450-459 S-O '64.

HYGROSCOPICITY

Method of determining the hygroscopicity of absorbent cotton. S. L. Voskoboinyk. *Farmatsevt. zhur.* 20 no. 3:42-43 '65.

HYPERGLYCEMIA

Effect of hypo- and hyperglycemia on muscular chronaxy. S. R. Odzhakhveridze, N. D. Mikaladze, F. I. Salimov. *Azerb. med. zhur.* 41 no. 6:71-75 Je '64.

HYPERTENSION

(see also subdivision under Moscow)

Basal, normal, and supplementary blood pressure in healthy and hypertensive persons. T. E. Dobrotvorskaia. *Kardiologia* no. 5:54-57 '64.

Effectiveness of treating hypertension in Shvanda Health Resort. E. G. Demidova. *Vop. kur. fizioter. i lech. fiz. kul't.* 29 no. 5:459-460 S-O '64.

Erpoid treatment of patients with hypertension and the hypertensive form of chronic nephritis. G. L. Darbinian, G. G. Gevorkian. *Zhur. eksp. i klin. med.* 6 no. 1:95-93 '66.

Evaluation of the functional state of the apparatus of pulmonary respiration in congenital defects of the heart with pulmonary hypertension. V. V. Gritsenko, G. V. Gusarov. *Grud. khir.* 8 no. 2:21-27 Mr-Apr '66.

Rare form of a common true arterial trunk with pulmonary hypertension. V. S. Sergievskii, M. N. Kirichenko. *Grud. khir.* 8 no. 2:116-117 Mr-Apr '66.

Sanatorium and climatic treatment of hypertension on the southern shores of the Crimea. V. G. Boksha, Kh. M. Osherovskii, A. B. Ravitskii. *Vop. kur. i fizioter. i lech. fiz. kul't.* 29 no. 5:388-394 S-O '64.

Treatment of coronary insufficiency with pastinacin. P. I. Bezruk and others. *Sov. med.* 28 no. 9:84-87 S '64.

Treatment of hypertension at sanatoriums and health resorts. N. I. Speranskii. *Vop. kur. i fizioter. i lech. fiz. kul't.* 29 no. 5:385-388 S-O '64.

Treatment of hypertension with hypothyroidism and possibilities of its prolonged use. B. R. Rubanovskii. *Sov. med.* 28 no. 9:26-30 S '64.

Vegetable reactions to the stimulation of the labyrinth in hypertension patients treated with inhalation of vapors of sulfide water. A. A. Kravchenko. *Vop. kur. i fizioter. i lech. fiz. kul't.* 29 no. 5:398-400 S-O '64.

HYPERTHYROIDISM

Effect of pyrimidin and aminazine on the temperature and gaseous exchange in animals with experimental thyrotoxicosis. V. Z. Blankleder. *Pat. fiziol. i eksp. terap.* 10 no. 2:228-31 Mr-Apr '66.

Examination of urine activity in radioiodine therapy of thyrotoxicosis. G. N. Anasov. *Probl. endok. i gorm.* 12 no. 3:30-34 My-Je '66.

Late results of treating thyrotoxic goiter with radioactive iodine. E. D. Dubovyi, T. V. Voronenko, V. V. Damidas. *Med. rad.* 9 no. 4:31-36 Ap '64.

Nodal rhythm in thyrotoxicosis. M. V. Spiridonova. *Kardiologia* no. 5:81 '64.

Some characteristics of the ECG in mild thyrotoxicosis. M. V. Spiridonova. *Sov. med.* 28 no. 9:18-22 S '64.

HYPERTROPHY

Kidney function during the process of regeneration hypertrophy. V. A. Vasilenko. *Biul. eksp. biol. i med.* 58 no. 9:49-53 S '64.

Regeneration and hypertrophy: principles and some conditions of regenerative processes. A. A. Voitkevich. *Ark. pat.* 28 no. 3:3-11 '66.

HYPHOMYCETES see subdivision under Kiev Province

HYPOCHLORITES

Glow discharge electrolysis of alkaline solutions of hypochlorite and chlorite. M. I. Shalkauskas, S. P. Stalgene. *Elektrokhimiya* 2 no. 5:542-546 My '66.

HYPODERMIC INJECTIONS see Injections, Hypodermic

HYPOGLYCEMIA

Effect of hypo- and hyperglycemia on muscular chronaxy. S. R. Odzhakhveridze, N. D. Mikaladze, F. I. Salimov. *Azerb. med. zhur.* 41 no. 6:71-75 Je '64.

Synthesis of azolidine derivatives with possible hypoglycemic effect. Report No. 6: 2-acyl derivatives of 2-thiolydantoin. V. I. Zuhenko, E. N. Kolodii. *Farmatsevt. zhur.* 21 no. 2:6-10 '66.

Vasomotor responses to reduced glycemia level and blood-letting. T. V. Popova. *Fiziol. zhur.* 50 no. 10:1245-1255 O '64.

HYPOPHYSECTOMY

Effect of hypophysectomy and compensatory administration of ACTH on the development of blood transfusion shock with acute edema of the lungs and tachyphylaxis. G. V. Kurygin, R. L. Barakii. *Probl. endok. i gorm.* 10 no. 2:62-67 Mr-Apr '64.

HYPOTHALAMUS

Correlations between the hypothalamo-hypophyseal and adrenal system during the acute period of a cerebrocranical trauma. N. I. Grashchenkov and others. *Vop. neurokhir.* 28 no. 3:1-8 My-Je '64.

Effect of stimulation of the hypothalamus on the pulmonary circulation. V. A. Tsybenko. *Fiziol. zhur.* 50 no. 9:1150-1157 S '64.

Impulse activity of pressor structures of the hypothalamus in reflex reactions of the vascular system. O. V. Vorzilova, L. N. Kondrat'eva. *Biul. eksp. biol. i med.* 58 no. 9:17-20 S '64.

Morphological and functional organization of defensive type responses evoked by stimulation of the hypothalamus. M. M. Kozlovskaya. *Fiziol. zhur.* 50 no. 10:1218-1225 O '64.

Peripheral vascular responses to a stimulation of hypothalamic nuclei. Z. V. Bellueva, E. Endretsi. *Fiziol. zhur.* 50 no. 10:1208-1217 O '64.

HYPOTHERMIA

Changes in the ECG in dogs following prolonged clinical death under conditions of isolated brain chilling. B. I. Gorokhovskii. *Pat. fiziol. i eksp. terap.* 10 no. 2:40-53 Mr-Apr '66.

Glycolysis in thermoregulatory separation of respiration and phosphorylation. E. A. Mishukova. *Vop. med. khim.* 12 no. 3:302-309 My-Je '66.

Preliminary data on the possible role of the connective tissue during deep hypothermia. H. Laborit and others. *Vest. AMN SSSR* 21 no. 5:53-59 '66.

HYPOTHYROIDISM

Catechol amine content in the endocrine glands and heart of white rats in hypothyroidism and experimental thyroid toxicosis. V. L. Kardashev, S. Kh. Kubli, V. S. Novstrueva. *Probl. endok. i gorm.* 10 no. 2:95-99 Mr-Apr '64.

Localization of disorders in the inferior mesenteric sympathetic ganglion of cats in thyroid gland hypofunction. V. N. Babichev. *Biul. eksp. biol. i med.* 58 no. 9:20-23 S '64.

HYPOTHYROIDISM (Continued)

Transmission of excitation through the sympathetic ganglia during the hypofunction of the thyroid gland. V. N. Babichev. *Probl. endok. i gorm.* 10 no. 2:89-94 Mr-Apr '61.

IAYORNYTS'KYI, DMYTRO IVANOVICH, 1855-1940—FICTION

Shapoval, I. M. [In search of treasures] V poshukakh skarbiv. Kyiv, Dnipro, 1965. 322 p.

IAYORSKII, VASILII IVANOVICH, 1876—

V. I. Iavorskii; on his 90th birthday. *Geol. i geofiz.* no. 2: 159-161 '66.

Vasilii Ivanovich Iavorskii; on his 90th birthday. V. V. Mokriinskii. *Sov. geol.* 9 no. 5:122-124 My '66.

ICE

(see also subdivision under Krasnoyarsk Hydro-electric Power Station; Trans-Ili Alatau)

Calculating the bearing capacity of ice cover taking into account the nonuniformity of its thickness. D. F. Panfilov. *Izv. vya. ucheb. zav. i stroi. i arkhit.* 9 no. 2:3-8 '66.

LFM-GPI-41 ice cutting machine. L. N. Shabashov. *Mekh. stroi.* 22 no. 4:29 Ap '65.

ICE—MANUFACTURE

Production and use of ice on a tuna factory ship. A. G. Ionov. *Ryb. khoz.* 42 no. 3:54-57 '66.

ICE—NOMENCLATURE

International Ice Nomenclature. V. L. Tsurikov. *Okeanologiya* 6 no. 2:372-378 '66.

ICE AGE see Glacial epoch

ICE-BREAKING VESSELS

An outstanding polar expedition. A. I. Dubravina. *Sudostroenie* no. 9:68-74 S '65.

ICE ON RIVERS, LAKES, ETC. see subdivision 'Ice' under Amu Darya; Chirchik River

ICHNYA DISTRICT—ARBORETUMS

Landscape composition of the "Beech Glade" in the Trostyanets Park. S. A. Lavrinovich. *Biul. Glav. bot. sadu* no. 59:31-33 '65.

ICHTHYOL

Effect of ichthyol solution on the flavor of meat and milk. A. S. Kashin. *Veterinaria* 42 no. 4:103-104 Ap '66.

ICONS

Ismailchikov, S. V. [Old Russian painting; recent discoveries] *Drevnerusskaya zhivopis'*; novye otkrytiya. Moskva, Sovetskii khudozhnik, 1965. [6] p. 48 plates. [Parallel texts in Russian and English]

IDEALS (ALGEBRA)

Additive theory of ideals in rings, modules, and groupoids. V. A. Andrushevich, I. M. Riabukhin. *Dokl. AN SSSR* 168 no. 3:495-498 My '66.

IERIG, IOGAN d. 1795

Iogan Ierig Aeriig, Jahriig a Mongolist of the 18th century. T. K. Shafranovskaya. *Strany i nar. Vost.* no. 4:155-163 '65.

IGNEOUS ROCKS see Rocks, Igneous

ILEUM—DISEASES

Isolated lymphogranulomatosis of the ileum complicated by perforation. L. G. Dvali, A. Z. Kirvaldze. *Sov. med.* 28 no. 9:123-125 S '64.

IL'ICHEVSK (UKRAINE)—HARBORS

The port operates under new conditions. V. Kiantadze, E. Burson. *A. Miris. NTO* 6 no. 5:26-29 My '66.

ILIUM—PUNCTURE

Combination of trephination biopsy and puncture of the iliac wing. I. S. Svetlichnyi. *Probl. gemat. i perol. krov'i* 11 no. 3:57-58 Mr '66.

ILOVAYSK (UKRAINE)—RAILROADS—REPAIR SHOPS

In the control and test center of Ilovaysk. N. P. Chirkov, V. I. Gol. *Avtom., telet. i svyaz'* 10 no. 4:24-27 Ap '66.

IMAGINATION

Borodai, I. M. [Imagination and the theory of knowledge; a critical essay on the Kantian theory of the productive power of imagination] *Vobrazhenie i teoriya poznaniya; kriticheskiy ocherk kantovskogo ucheniya o produktivnoi sposobnosti vobrazheniya*. Moskva, Vysshaya shkola, 1966. 140 p.

IMIDAZOLE

Study of 1-methyl-4-chloro-5-nitroimidazole (chlomidazole) in experimental trichomoniasis and giardiasis. F. N. Ismailov, N. A. Novitskaya, G. N. Pershin. *Farm. i toks.* 29 no. 2:201-206 Mr-Apr '66.

IMIDAZOLEDICARBOXYLIC ACID

Quantitative determination of derivatives of imidazole-4, 5-dicarboxylic acid diamide. T. A. Mikhailova, N. V. Khromov-Borisov. *Zhur. anal. khim.* 21 no. 4:512-513 '66.

IMINO GROUP

Use of the oxidative properties of iminoxyl radicals for synthesizing individual ion-radicals from aromatic amines. A. A. Medzhidov, E. G. Rozantsev, M. B. Neiman. *Dokl. AN SSSR* 168 no. 2:348-350 My '66.

IMMUNITY

Comparative evaluation of the immunological indices in treatment with nitrofurantoin preparations. Report No. 1: Effect of preparations of the nitrofurantoin series on some indices of natural immunity. G. M. Shub. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:137-138 Ag '64.

Comparative study of specific immunity in children with different courses of the convalescence period following acute Sonne dysentery. A. S. Aniskina. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:27-30 Ap '66.

Content of nucleic acids in lymphoid tissue following immunization of rabbits with heated typhoid vaccine. L. I. Krasnoproshina, M. V. Dain. *Biul. eksp. biol. i med.* 58 no. 9:92-97 S '64.

Development of resistance to plague toxin in white mice following repeated administrations. A. A. Kanchuk, N. N. Novosel'tsev, V. I. Nikolaeva. *Biul. eksp. biol. i med.* 58 no. 12:66-70 D '64.

Distribution and the biological properties of diphtheria pathogen depending on different immunological structures of the population. N. A. Kravchenko and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:43-49 Ap '66.

Effect of cortisone on some immunological indices in experimental streptococcal infection in rabbits. N. G. Busygina. *Pat. fiziol. i eksp. terap.* 10 no. 2:83-84 Mr-Apr '66.

The effect of preliminary introduction of anatoxin on the resistance of mice to botulin toxin. Preliminary report. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:39-42 Ji '64.

Effect of streptomycin on immunogenesis in typhoid fever. G. B. Gulistan. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:59-64 Ap '66.

Infectious allergy. Report No. 2: Allergy manifestation with no relation to immunity. A. T. Kravchenko, L. I. Privalova. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:3-7 Ap '66.

Significance of I. L. Krivchinskii's works in the study of the mechanisms of acquired immunity and allergy. A. T. Kravchenko. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:122-126 Ag '64.

Significance of the preservation of foreign antigens in the body for the phenomenon of immunological tolerance. B. N. Sofronov. *Biul. eksp. biol. i med.* 58 no. 12:56-60 D '64.

Some clinicohematological and immunological phenomena following the action of Freund's adjuvant on white rats. V. V. Sura, V. A. Kolaev, I. V. Konstantinova. *Biul. eksp. biol. i med.* 58 no. 9:97-102 S '64.

Some indices of nonspecific immunity in patients with infectious nonspecific polyarthritides following their treatment at the Sochi-Mateceta Health Resort. M. G. Kuramshina, V. P. Lysov, I. E. Klischchenko. *Vop. kur. i fizioter. i lech. fiz. kul't.* 28 no. 5:410-413 S-O '64.

State of antitoxic immunity in *Corynebacterium diphtheriae* carriers. N. L. Sukhorukova and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:39-43 Ap '66.

Use of a model of *Salmonella* infection for the analysis of typhoid immunity, applying the bacteremia test and in experiments of passive immunization. N. V. Lvovskaya. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:31-34 Ap '66.

IMMUNOELECTROPHORESIS

Relation of Y antigen to the action of some physical and chemical factors. B. E. Chechik. *Biul. eksp. biol. i med.* 58 no. 12:60-65 D '64.

IMMUNOLOGICAL RESEARCH

Effect of levomycesin and cortisone on immunological processes. A. F. Podlevskii. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:59-64 Ag '64.

Effect of sustained infectious diseases on diphtheria immunity. G. N. Raikhshtat and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:50-54 Ap '66.

Experimental study of enteral immunization against Q fever with live vaccine. A. A. Vorob'ov, V. N. Pavlov. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:41-45 Ag '64.

Immunobiological properties of paraperussis bacilli. T. S. Dina, V. M. Bannikova, S. S. Petrova. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:66-72 Ap '66.

Variability of the plague vaccine strain EB. M. D. Zhurba, M. D. Priadkina, G. F. Abramova. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:64-67 Ap '66.

IMMUNOLOGICAL TOLERANCE

Immunological reactivity of radiation chimeras. D. R. Kaulen. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:117-123 Ji '64.

IMMUNOLOGY

Effect of cortisone on the protein composition of lymph and blood in autoimmunized dogs. M. M. Minchayev. *Probl. endok. i gorm.* 12 no. 3:63-67 My-Je '66.

IMPACT

Certain problems of modeling the impact in the investigation of the operation of hydraulic impact drilling machinery. A. I. Volpert. *Trudy MINKHGP* no. 60:162-168 '66.

Certain problems of percussive-rotary drilling using hydraulic impact machinery. E. F. Epshtein, V. F. Strik, I. D. Bessonov. *Trudy MINKHGP* no. 60:175-180 '66.

Energy of impact of roller bit teeth on a flat well bottom not subject to deformation. P. V. Balitski. *Trudy MINKHGP* no. 60:18-25 '66.

Impact energy transfer. P. M. Alabazhev, B. N. Stikhanovskii, I. U. V. Sidorenko. *Trudy MINKHGP* no. 60:161-167 '66.

Numerical solution of problems on impact using the Severs-Timoshenko method. V. V. Hagreev. *Trudy MIT* no. 225:3-9 '66.

Theoretical investigation of hydraulic impact mechanisms. I. A. Chernyi, I. N. Bulanovskii. *Trudy MINKHGP* no. 60:188-194 '66.

IMPACT—ELECTROMECHANICAL ANALOGIES

Electronic model of an impact. E. V. Al'pugauzen, I. A. Iu. Godes. *Mashinovedenie* no. 3:58-61 '66.

IMPEDANCE (ELECTRICITY)

Raising the level of radiation from a slit on a cylindrical in the shadow zone. M. P. Nefedushin. *Izv. vya. ucheb. zav. i av. tekhn.* 9 no. 2:336-340 '66.

IMPELLERS—VIBRATION

Vibrations of an unbalanced rotor with hydraulic dampers on flexible supports. E. A. Artemov. *Izv. vya. ucheb. zav. i av. tekhn.* 9 no. 1:100-107 '66.

INCANDESCENT LAMPS see Electric lamps, Incandescent

INCENTIVES IN INDUSTRY

Baldanov, B. M. B. [Economic incentives for the efficient use of working capital in industry; based on materials of the ferrous metallurgy enterprises of the U.S.S.R. and a number of the industrial enterprises of the Buryat A.S.S.R.] *Ekonomicheskie stimulirovaniye effektivnogo ispol'zovaniya obratnykh sredstv v promyshlennosti; po materialam predpriyatiy chernoi metallurgii SSSR i nacha promyshlennykh predpriyatiy Buryatskoi ASSR*. Ulan-Ude, Buryatskoe knizhnoe izd-vo, 1965. 27 p.

Combining various forms of material self-interest. N. Maltsev. *Sots. trud.* 11 no. 5:30-43 '66.

From the experience in material stimulation of factory workers for the manufacture of top-grade products. V. M. Akimov, Khim. volok. no. 3:70-71 '66.

Material incentives and the problems of labor law. D. V. Shvetsky. *Sov. gos. i pravo* 30 no. 5:41-49 My '66.

Material self-interest and objective economic laws of socialism. G. Antsimov. *Sots. trud.* 11 no. 5:25-33 '66.

Material self-interest and the incentive system. A. Orlov. *Sots. trud.* 11 no. 5:34-39 '66.

Planning and material incentives according to the new plan. I. F. Babaryka. *Stroi. mat.* 12 no. 4:4-5 Ap '66.

Sakov, M. P. [Combining material and moral incentives in industrial development] *Sochetanie material'nykh i moral'nykh stimulov v razvitiy proizvodstva*. Moskva, Mysl', 1966. 66 p.

INCOME ACCOUNTING—CONGRESSES

Geneva conference of a group reporting on the preparation of national accounts and the national economic balance. V. Anisimov. *Ekon. Red. Ukr.* 9 no. 4:94-95 Ap '66.

INCUBATORS

Industrial testing of a tray incubator. E. M. Kokhanskaya. *Ryb. khoz.* 42 no. 3:13-15 '66.

INDEX NUMBERS (ECONOMICS)

Ezhov, A. I. [System and methodology of the indices of Soviet statistics] *Sistema i metodologiya pokazatelei sovetokoi statistiki*. Moskva, Statistika, 1965. 371 p.

INDIA—CITIES AND TOWNS

Data on cities in the population census of India, 1961. L. I. Bonifat'eva. *Strany i nar. Vost.* no. 4:3-14 '65.

INDIA—FOREIGN RELATIONS

Nehru, Jawaharlal. [India's foreign policy; selected speeches and addresses, 1946-1964. Translated from the English] Vneshnaya politika Indii: Izbrannye rechi i vystupeniya, 1946-1964. Moskva, Progress, 1968, 351 p.

(CST-H)

INDIA—ROCKS—ELASTIC PROPERTIES

Elastic properties of some rocks of India. S. Balakrishna. Izv. AN SSSR, Fiz. zem. no. 5:3-15 '66.

INDIAN OCEAN—BASALT

Petrography and the absolute age of basalts from the floor of the Indian Ocean. P. L. Bezrukov, A. I. A. Krylov, V. I. Chernysheva. Okeanologiya 6 no. 2:261-266 '66.

INDIAN OCEAN—MARINE SEDIMENTS

Distribution of clay minerals in the sediments of the Indian Ocean. Z. N. Gorbunova. Okeanologiya 6 no. 2: 267-273 '66.

INDIAN OCEAN—MONSOONS

Water transparency in the eastern part of the Indian Ocean during the summer monsoon. V. I. Voltov. Trudy Inst. okean. 77:92-97 '65.

INDIAN OCEAN—PLANKTON

Biogeochemistry of oceanic plankton; distribution of some chemical components of plankton in the Indian Ocean. V. G. Bogorov, O. K. Bordovskii, M. E. Vinogradov. Okeanologiya 6 no. 2:314-323 '66.

INDIAN OCEAN—SEAWATER—OPTICAL PROPERTIES

Water transparency in the eastern part of the Indian Ocean during the summer monsoon. V. I. Voltov. Trudy Inst. okean. 77:92-97 '65.

INDIAN OCEAN—SHRIMPS

Processing Indian Ocean shrimps. G. K. Koval'chuk, L. D. Aroslavskaya. Ryb. khoz. 42 no. 4:68-70 '66.

INDIAN OCEAN—TUNA FISH

First exploratory commercial cruise of the "Krasnyi Luch" tuna fishing base in the Indian Ocean. I. F. Usov. Ryb. khoz. 42 no. 4:30-34 '66.

INDIUM

Coprecipitation of indium with iron (III) pyrophosphate at 60° C. S. D. Grekov, V. A. Leitsin, R. S. Guzairev. Zhur. neorg. khim. 11 no. 4:836-837 Ap '66.

INDIUM ANTIMONIDE CRYSTALS—GROWTH

Magneto-optical studies of the conduction band in InSb. F. P. Kesamanly and others. Fiz. tver. tela 8 no. 4:1176-1181 Ap '66.

INDIUM ANTIMONIDES

Spontaneous and coherent radiation from an indium antimonide electron-hole plasma. A. P. Shotov and others. Fiz. tver. tela 8 no. 4:1083-1087 Ap '66.

INDIUM ANTIMONIDES—ELECTRIC PROPERTIES

Effect of structural defects on the electric properties of p-InSb at low temperatures. D. N. Nasledov, I. U. G. Popov. Fiz. tver. tela 8 no. 4:1110-1114 Ap '66.

Electron mobility in p-InSb. N. S. Baryshev, K. I. A. Shivel'man. Fiz. tver. tela 8 no. 4:1262-1263 Ap '66.

INDIUM ARSENIDES—MAGNETIC PROPERTIES

Longitudinal magnetoresistance of n-indium arsenide in the ultraquantum limit. I. U. E. Zakdev. Fiz. tver. tela 8 no. 4:1221-1226 Ap '66.

INDIUM COMPOUNDS

Coherent radiation from a p-n junction in indium arsenide phosphide. P. G. Eliseev and others. Fiz. tver. tela 8 no. 4:1283-1285 Ap '66.

INDIUM OXIDES

Preparation and study of indium oxide films. L. A. Rjabova, I. A. S. Savitskaya, R. N. Shefmal'. Zhur. prikl. khim. 39 no. 8:1853-1856 Ag '65.

INDIUM PHOSPHIDES

Synthesis of high-purity indium phosphide. V. I. A. Chernykh, N. D. Talanov. Zhur. neorg. khim. 11 no. 5:971-976 Mv '66.

INDOLE

Pharmacological properties of peptide derivatives of 6-methoxytryptamine. M. D. Mashkovskii, A. I. Polezhaeva. Farm. i toks. 29 no. 2:142-148 Mr-Ap '66.

INDOLEACETIC ACID

Effect of heteroauxin on the activity of nodule bacteria in pass at various phases of their development. V. D. Tagiev. Izv. AN SSSR, Ser. biol. no. 3:448-451 My-Je '66.

INDOLEACETIC ACID—EFFECT ON PLANTS see Plants, Effect of indoleacetic acid on

INDOLEACETIC OXIDASE

Changes in the activity of indoleacetic oxidase and the content of its inhibition in pea plants under the influence of 2, 4-D. E. N. Artemenko, D. I. Chikanikov, V. I. Kostina. Agrokhimia no. 5:120-125 My '66.

INDONE

Photocolorimetric method for quantitative determination of phenyllin. F. E. Kahan, T. O. Kohet. Farmalsev. zhur. 21 no. 2:24-27 '66.

INDONESIA—CAPITAL

Pakhomova, L. F. [National capital in the economy of Indonesia] Natsional'nyi kapital v ekonomike Indonezii. Moskva, Nauka, 1966, 150 p.

INDRIUNAS, JUOZAS, 1896-

Juozaas P. Indriunas; on the occasion of his 70th birthday. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2: 173-174 '66.

INDUCTANCE—MEASUREMENT

Krotkov, I. N. [Precise measurements of electric capacitance and inductance; networks, methods and standards] Tochnye izmereniya elektricheskikh omkosti i induktivnosti; skhemy, metody, etalony. Moskva, Izd-vo Standartov, 1966, 271 p.

INDUCTION (ELECTRICITY)

Electroinductive control of parts subjected to tensile stress. S. L. Naumov, K. V. Markevich. Defektoskopiya 2 no. 2:34-37 '66.

INDUCTION ELECTRIC MOTORS see Electric motors, Induction

INDUCTION HEATING

Economic efficiency of applying the induction heating method of press mold vulcanization by means of a rotating magnetic field. N. N. Zaitvin. Kauch. i rez. 25 no. 5:49-50 '66.

Investigating the heat regime of the surface of a pipeline heated by high-frequency currents. B. B. Galeev, P. I. Lotarev, V. V. Amosov. Transp. i khim. nefli i nefteprod. no. 5:3-5 '66.

INDULGENCES

Markonka, Stasys. [Indulgences] Atlaikai. Vilnius, Mintis, 1965, 31 p. [In Lithuanian]

INDUSTRIAL BUILDINGS

Centrally-controlled card system in a plant construction combine. V. Barskii, O. Skachkov, E. Fedorets. Prom. stroi. i inzh. soor. 6 no. 3:43-44 My-Je '64. Continuous and rapid construction of industrial buildings. G. Sveshnikov. Prom. stroi. i inzh. soor. 6 no. 4:1-3 Ji-Ag '64.

Economic efficiency in the grouping of buildings in industrial enterprises. A. Demchenko. Prom. stroi. i inzh. soor. 6 no. 4:9-11 Ji-Ag '64.

Single-story all-purpose industrial building. G. Diatlov. Prom. stroi. i inzh. soor. 5 no. 6:4-9 N-D '63.

INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION (see also subdivision under Kazakhstan; Kiev Economic Region)

Change No. 1 in Construction specifications and regulations Pt. 2, Sec. M, ch. 1, 1962. Blul. stroi. tekhn. 27 no. 3:10-12 Mr '65.

Change No. 1 in Construction specifications and regulations Pt. 2, Sec. M, ch. 2, 1962. Blul. stroi. tekhn. 27 no. 3:13-16 Mr '65.

Construction density of food industry enterprises can be increased. B. I. Abramova, S. M. Rotsheln. Prom. stroi. 43 no. 5:10-12 '66.

New type of building for the technical center of an industrial enterprise in the mezzanine version. D. Vasil'ev. Prom. stroi. i inzh. soor. 6 no. 3:14-17 My-Je '64.

INDUSTRIAL BUILDINGS—LIGHTING see subdivision under Ukraine

INDUSTRIAL CAPACITY—CONGRESSES

Discussion on time necessary for the mastering of new enterprises and attaining planned production capacity. Vop. ekon. no. 4:146-148 Ap '66.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL DIAMONDS see Diamonds, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTROCHEMISTRY see Electrochemistry, Industrial

INDUSTRIAL ENGINEERING

Analysis of network diagrams by means of a triangular matrix. A. S. Gasmov, V. M. Talmurov, A. I. Shatrov. Za tekhn. prog. 4 no. 12:12-14 D '64.

Tovbin, I. M., and E. E. Fainberg. [Technological design and planning of oils and fats processing enterprises; oil splitting and production of glycerin. Glycerin distillation. Distillation and rectification of fatty acids. Production of household and toilet soap. Production of synthetic washing powders. Production of margarine, confectionery and confectionary oils and fats] Tekhnologicheskoe proektirovaniye zhiropereabatyvalushchikh predpriyatiy; raschecheniye zhirov i polucheniye gitslerina. Distillatsiya gitslerina. Distillatsiya i rektifikatsiya zhirnykh kislot. Proizvodstvo khozlistvennogo i tuatetnogo myla. Proizvodstvo sinteticheskikh moishchikh poroshkov. Proizvodstvo margarina, kulinarnykh i konditerskikh zhirov. Pod red. A. L. Markanana. Moskva, Pishchevaia promyshlennost', 1965, 515 p.

INDUSTRIAL EQUIPMENT—STANDARDS

Introduce a unified classification of technological equipment. M. I. Zverev, A. N. Sarapin. Prom. Bel. 9 no. 1: 14-15 Ja '66.

INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS

Regulations for the formation and use of the fund for the introduction of new equipment. IU. IA. Margulis. Vop. izobr. no. 3:35-38 Mr '66.

INDUSTRIAL HYGIENE see subdivision under Bryansk Province; Kirovograd Province; Latvia; Leningrad

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia; Azerbaijan; Leningrad; Siberia; Siberia, Western)

Belkin, V. B., and G. N. Khododina. [Principles of the organization and economics of industrial production] Osnovy organizatsii i ekonomiki promyshlennogo proizvodstva. Moskva, Vysshaya shkola, 1964, 239 p. (WU)

The captains of Soviet industry, 1926-1940. A. F. Khavin. Vop. int. 41 no. 5:3-14 My '66.

Coal industry of the Ukraine in the new five-year plan. M. G. Perepadia. Ugol'nik. 10 no. 6:1-6 My '66.

Creative activity, calculation, and self-interest. V. Kabanenko. Komm. Ukr. 40 no. 5:43-50 My '66.

Creative work of millions. Sots. trud. 11 no. 5:3-8 '66.

Economic reform is an important tool which helps to develop the national economy. M. Sergeev. Parl. zhizn' no. 12:23-31 Je '66.

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots. trud. 11 no. 5:140-143 '66.

Inspection is carried out. NTO 8 no. 5:44-45 My '66.

The Lenin principles of economic administration. M. Duzlov. Nar. khoz. Kazakh. 24 no. 4:16-19 Ap '66.

Methodological instructions for transferring individual industrial enterprises to the new system of planning and economic stimulation in 1966; a sequel. Ekon. i zhizn' 8 no. 4:34-38 Ap '66.

Methodological instructions for working out regulations on issuing bonuses to workers of individual industrial enterprises which are being transferred to the new system of planning and economic stimulation of industrial production in 1966. Nar. khoz. Kazakh. 24 no. 4:40-43 Ap '66.

New conditions for industrial development and issuing bonuses to engineering and technical workers. E. Vasil'ev, V. Khokhlov. Sots. trud. 11 no. 5:16-24 '66.

Oldak, P. G. [Interdependence of production and consumption; criteria and evaluations] Vzaimosvinyz' proizvodstva i potrebleniya; kriterii i otsenki. Moskva, Ekonomika, 1966, 157 p.

Practice in preparation for the transfer to the new system of planning and economic stimulation. Sots. trud. 11 no. 5:122-126 '66.

Problems of planning prices and the reform of industrial management. V. V. Novozhilov. Ekon. i mat. metod. 2 no. 3:327-330 My-Je '66.

Scientific labor organization is one of the important tasks of the five-year plan. E. Smirnov. Sots. trud. 11 no. 5:44-53 '66.

Soviet industrial enterprises and their management. B. M. Lazarev. Sov. gos. i pravo 36 no. 5:12-21 My '66.

A theoretical conference on the legal problems of industrial management (to be concluded). I. Borisov. Sov. gos. i pravo 36 no. 5:49-55 My '66.

There will be more needed articles. G. V. Sementikhin. Prom. Bel. 9 no. 1:3-4 Ja '66.

Using methods of the theory of automatic regulation and statistical dynamics for solving economic problems. P. A. Vatin. Trudy LAEI no. 66:275-280 '66.

INDUSTRIAL MANAGEMENT—AUDIO-VISUAL AIDS

Moscow, Institut narodnogo khozaistva. Kafedra organizatsii i planirovaniya promyshlennyykh predpriyatiy. [Album of visual aids for the course on the "Organization and planning of industrial enterprises." Album nagladnykh posobii po kursu "Organizatsiya i planirovaniye promyshlennyykh predpriyatiy." Nauchn. red. S.E. Kamentser. Moskva, 1966. 174 p.

INDUSTRIAL MANAGEMENT—BIBLIOGRAPHY see Bibliography—Industrial management

INDUSTRIAL MANAGEMENT—CONGRESSES

Discussion on time necessary for the mastering of new enterprises and attaining planned production capacity. Vop. ekon. no. 4:146-148 Ap '66.

Seminar devoted to the transfer to the new system of industrial management. L. Zhura, N. Lagutin. Vop. ekon. no. 4:151-152 Ap '66.

INDUSTRIAL MANAGEMENT—MATHEMATICAL MODELS

On some models of production development. A.B. Garatko. Trudy LIEI no. 58:226-228 '66.

INDUSTRIAL MANAGEMENT—RESEARCH see subdivision under Leningrad

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL ORGANIZATION

(see also subdivision under Europe, Eastern)

Cooperation of auxiliary plants in an industrial center. V.N. Romancev. Prom. stroi. 43 no. 5:13-15 '66.

INDUSTRIAL ORGANIZATION—STUDY AND TEACHING

Studying the fundamentals of the scientific organization of work in a pedagogical institution of higher learning. Rad. shkola 45 no. 5:44-50 My '66.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PROCUREMENT

For direct, stable ties among producers and consumers. T. Vrublevskaya. Ekon. Rad. Ukr. 9 no. 4:39-42 Ap '66.

Lokshin, E.Yu. [Supply of materials and equipment in socialist production] Materialno-tekhnicheskoe snabzhenie sotsialisticheskogo proizvodstva. 3., znachitel'no dop. i perer. izd. Moskva, Mosk. in-t narodnogo khoz., 1966. 279 p.

INDUSTRIAL RADIOLOGY see Radiology, Industrial

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY see subdivision under Dnepropetrovsk

INDUSTRIAL WASTES

(see also subdivision under Uzbekistan)

Hypochlorite method of processing dust-like wastes from the grinding of hard-alloy tools. A.N. Zelikman, F.A. Chmel'farb. Izv. vyz. ucheb. zav. i tekh. met. 9 no. 2: 110-116 '66.

Use of zinc-containing industrial waste in plant growing. T.A. Krotikh. Agrokhimia no. 5:120-130 My '66.

INDUSTRIAL WASTES—ANALYSIS

Lur'e, Yu.Yu., and A.I. Rybnikova. [Chemical analysis of industrial waste waters] Khimicheskii analiz proizvodstvennykh stochnykh vod. Izd. 3., perer. i dop. Moskva, Khimika, 1966. 277 p.

INDUSTRIAL WASTES—PURIFICATION

Daily attention should be given to the building of waste purification systems. N.M. Rumiantsev. Bum. prom. no. 5:21 My '66.

Purification of sewage waters by burning the impurities of organic substances at high temperatures. N.P. Drozdov, A.N. Kiselev, F.P. Shirankova. Gidroliz. i iosokhim. prom. 10 no. 4:7-9 '66.

Thermal decontamination of waste waters in an enlarged stand cyclone furnace. A.P. Shurygin, M.N. Bernadiner. Khim. prom. 42 no. 5:360-362 My '66.

Turovskii, I.S. [Use of drum vacuum filters for the de-watering of sewage water residues] Obezvozhivanie osadkov stochnykh vod na baratnykh vakuum-filtrakh. Moskva, Stroizdat, 1966. 178 p.

Use of unicellular algae in the purification of the waste waters of synthetic fiber manufactures. G.M. Palamar-Mordvinitsa and others. Khim. volok. no. 3:61-62 '66.

INDUSTRIES, LOCATION OF

Klebanov, I.F. [Combinatorial method for solving a class of problems on the distribution of enterprises] Kombinatornyi metod resheniya odnogo klassa zadach razmesheniya predpriyatiy. Minsk, [Redaktsionno-izdatel'skii Sovet Vychislitel'nogo tsentra pri Gosplane BSSR] 1965. 17 p.

Mathematical formulation and methods for solving some problems connected with the optimal distribution of enterprises. N.A. Tolmacheva. Trudy LIEI no. 58:208-212 '66.

On an integral problem of linear programming. G.I. Mishchenko. Trudy LIEI no. 58:204-207 '66.

Problems of the optimal distribution of industry. V.I. Kalika, V.A. Mash. Ekon. i mat. metod. 2 no. 3:418-429 My-Je '66.

INDUSTRIES, LOCATION OF—MATHEMATICAL MODELS

Inhomogeneous problems of distribution of the transportation type. A.A. Korbut, V.V. Malinikov. Trudy LIEI no. 58:194-198 '66.

INDUSTRY—ABSTRACTS

[Economics of Industry] Ref. sbor.: Ekon. prom. no. 5 My '66.

INEQUALITIES (MATHEMATICS)

Extension of A. Zigmund's inequality to derivatives of trigonometric polynomials. V.N. Rusak. Dokl. AN BSSR 10 no. 5:297-300 My '66.

INERTIA (MECHANICS)

Inertia forces during high-speed extrusion. IU. P. Sogri-shin, A.N. Zhuchenko, V.I.A. Moroz, Kuz.-shitan, proizv. 8 no. 5:8-12 My '66.

INFANTRY DRILL AND TACTICS

Drill and physical training. V. Peredel'skii. Sov. voen. 47 no. 18:37-40 S '65.

INFANTS—DISEASES

Allergy in tuberculosis nursing in infants and young children. T.S. Berezhanskaya. Probl. tub. no. 9:26-29 '64.

Some causes promoting the genesis of epidemic hepatitis in infants. V.P. Belikova, A.I. Dudko, E.I. Uvarova, Zhur. mikrobiol., epid. i immunit. 43 no. 4:80-84 Ap '65.

INFANTS (NEWBORN)

Morphological characteristics of endocrine glands in newborn infants. I.N. Potapova. Arkh. pat. 28 no. 4:13-18 '66.

INFANTS (NEWBORN)—DISEASES

Calcinoses of the adrenal glands in a 6 1/2-month-old infant. E.M. Grishchenko, V.A. Karmilova, O.B. Sturikova. Arkh. pat. 20 no. 4:78-79 '66.

INFECTION

Clinical biochemical and cytological changes in surgical sepsis and other forms of surgical infection in horses. Ia. I. Shneberg. Trudy Mosk. vet. akad. 10:20-34 '66.

Compression osteosynthesis of infected femoral fractures: experimental study. P.P. Zhukov, V.S. Abusheiko, D.N. Skripnik. Vest. khir. 96 no. 4:110-114 Ap '66.

Regeneration of a peripheral nerve at various times following its primary suturing in an infected gunshot wound. V.F. Shefer. Vop. neirokhir. 28 no. 3:23-27 My-Je '64.

INFECTIOUS ATROPHIC RHINITIS OF SWINE see Rhinitis in swine

INFECTIOUS HEPATITIS see Hepatitis, Infectious

INFECTIOUS POULTRY BRONCHITIS see Poultry bronchitis, Infectious

INFINITE

Sydesakii, V.I., and A.S. Karmin. [The finite and the infinite; philosophical aspects of the problem] Konechnoe i beskonechnoe: filosofskii aspekt problemy. Moskva, Nauka, 1966. 319 p.

INFLAMMABLE MATERIALS

Riabov, I.V., ed. [Fire hazards of substances and materials; a handbook] Pozharnaya opasnost' veshchestv i materialov; spravochnik. Moskva, Stroizdat, 1966. 242 p.

INFLAMMATION

Inflammation mediators. D.E. Al'pern, R.U. Lipshits. Arkh. pat. 28 no. 4:3-13 '66.

INFLUENCE OF ALTITUDE see Altitude, Influence of

INFLUENZA

Common principles in the classification of clinical forms of influenza and influenza-like virus infections in children. S.D. Nosov. Sov. med. 28 no. 9:42-47 S '64.

Effect of triphazine on experimental influenzal infection. A.M. Chernukha, N.S. Tolmacheva. Farm. i toks. 29 no. 2:206-209 Mr-Apr '66.

INFLUENZA VIRUSES

Identification of swine influenza virus strains. K.N. Davydov. Veterinariia 42 no. 4:10-21 Ap '66.

Morphological changes in organs of chick embryos under the effect of various types of influenza viruses. V.Kh. Vinogradova. Arkh. pat. 28 no. 4:73-76 '66.

INFORMATION DISPLAY SYSTEMS

[Principles of radio engineering and radar; display units, rectifiers, and semiconductor devices] Osnovy radio-tekhnik i radiolokatsii; indikator, vyplamnitel' i poverchnikovyye pribory. [By] V.Z. Slutskii i dr. Izd. 2., perer. i dop. Moskva, Voenizdat, 1966. 429 p.

INFORMATION THEORY

Determination of an optimal space-time system for treating signals. S.Ye. Rad'kovich. Radiotekhnika i elektron. 11 no. 5:785-782 My '66.

Evaluation of the quantity of information required in the determination of some properties of a random signal with an unknown form. G.A. Levin, D.L. Zaitsev. Elektrosviaz' 20 no. 5:5-9 My '66.

Informational nature of thinking. V.P. Shovkopliash. Filos. probl. auct. pyrod. no. 2:111-119 '64.

Method for increasing the interference rejection of data transmission in the presence of impulse noise and channel interruptions. L.K. Kiselev, A.A. Meshkov. Elektrosviaz' 20 no. 5:29-34 My '66.

Problems of the construction of communication systems with pulse-code modulation. V.M. Shurin. Elektrosviaz' 20 no. 5:21-28 My '66.

Set of units for differentiated accounting of idle time for equipment and loud-speaker dispatcher systems. Inform. biul. VDNKH no. 5:9-10 My '66.

Spectra of phase fluctuation modulated oscillations. B.D. Sergievskii, L.G. Oganes'yants. Radiotekhnika i elektron. 11 no. 5:811-821 My '66.

Transformation of keying speeds in the transmission of discrete signals. V.F. Rukhviner. Elektrosviaz' 20 no. 5:35-42 My '66.

INFORMATION THEORY IN MANAGEMENT

Analysis of the system of management and information. A.A. Medin, V.N. Rfimov. Ekon. i mat. metod. 2 no. 3: 351-359 My-Je '66.

Mechanization of planning calculations. V. Bozrukov. Vop. ekon. no. 4:66-72 Ap '66.

INFORMATION THEORY IN PSYCHOLOGY

On the borderline between cybernetics and psychology: first attempt to model human behavior. K.A. Ivanov-Muravskii, E.T. Golovan, V.S. Starinets. Priroda 65 no. 5:40-47 My '66.

INFRARED SPECTRUM see Spectrum, Infrared

INGOT MOLDS—MAINTENANCE AND REPAIR

Repair of ingot molds in converter plants. I.I. Pavlenko. Metallurg. 11 no. 5:23-24 My '66.

INGUINAL HERNIA

Errors in the diagnosis of pseudostrangulation of inguinal hernias. A.M. Aminov, A.I. Baryshnikov, M.G. Shebuev. Klin. khir. no. 7:76-78 '65.

Plastic repair of the inguinal canal using capron grafts in recurrent and extensive inguinal hernia. E.A. Shugarenko. Klin. khir. no. 7:50-54 '65.

Rare case of rupture of the small intestine during the repair of an inguinal hernia. M.A. Vit'chinskii. Klin. khir. no. 7:78-79 '65.

INITIAL

Vege hypertension patients treated with ammonium sulfate of sulfide water. A.A. Kravchenko. Vop. kur. i fizioter. i lech. fiz. kul't. 20 no. 5:398-400 S-O '64.

INHIBITION (CHEMISTRY)

Mechanism of the inhibitory activity of pargyline in mitochondrial monoamine oxidases. I.Vina and others. Biokhimiia 31 no. 2:282-290 Mr-Apr '66.

Negrov, V.F., and others. [Study of the inhibitors of the corrosion of aluminum alloys in alkali media] Izschenie inhibitorov korrozii aluminovykh sployov v shchelochnykh sredakh. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 84 p.

INJECTIONS

Analysis of some effects of intravenous and intracardiac introduction of a chemical stimulant. L.I. Osadchii. Fiziol. zhur. 50 no. 9:1136-1143 S '64.

INJECTIONS, ANATOMICAL

Filling blood vessels with hardening contrast media. S.G. El'tsov, N.N. Krutkov. Trudy Mosk. vet. akad. 10:152-155 '66.

INJECTIONS, HYPODERMIC

Great economic effect. IU, Rastegayev, Zakup, sel'khoz, prod. no. 4:38 Ap '66.

INJUNCTIONS

Carry out the requirements of the law. V. Dement'ev. Sov. iust. 30 no. 9:20 My '66.

INJURIOUS AND BENEFICIAL INSECTS see Insects, Injurious and beneficial

INLAND NAVIGATION

Factors determining the length of the navigation season. D. Shustrov, A. Fetisov. Rech. transp. 23 no. 2:6-7 F '64.

Navigators' preparations for a passage. A. Smoldyrev. Rech. transp. 25 no. 4:49-50 '66.

Use of means of communication and electroradiation navigation on the "Baltiyskiy" and "Volgo-Balt"-type ships. B. Eremin. Rech. transp. 25 no. 4:50-51 '66.

INLAND WATER TRANSPORTATION

(see also subdivision under Tyumen' Province)

Develop and improve combined waterway and railroad transportation of goods. S. Ratin, N. Makhotkin. Rech. transp. 25 no. 4:9-10 '66.

Immediate tasks in the field of rivercraft building. D. Pokrovskii. Rech. transp. 23 no. 2:19-21 F '64.

Improve the utilization of basic assets in river transportation. S. Kuchkin. Rech. transp. 25 no. 4:2-6 '66.

In the Board of the Ministry of the River Fleet. Rech. transp. 23 no. 2:45-46 F '64.

Sadomisev, P. F. [Work practices of the collectives and shock workers of communist labor on river vessels and in river ports] Opyt kolektivov i udarnikov kommunisticheskogo truda rechnykh sudov i portov. Moskva, Transport, 1965. 77 p.

Virgin soil of river roads. A. F. Vedetskii. Sov. voen. 47 no. 18:12-13 S '65.

INLAND WATER TRANSPORTATION—ACCOUNTING

Profit and profitability. M. Vul'ison. Rech. transp. 25 no. 4:50-61 '66.

INLAND WATER TRANSPORTATION—MANAGEMENT

Analyzing formulas used to determine the time spent by vessels waiting for cargo service. A. Irkhin. Rech. transp. 23 no. 2:15-17 F '64.

INLAND WATER TRANSPORTATION—RESEARCH

In the Technical Council of the Ministry of the River Fleet. Rech. transp. 23 no. 2:46-47 F '64.

INLAND WATER TRANSPORTATION—STATIONS

Combined river and motorbus stations and shelters. G. Golubev, V. Dakhno. Rech. transp. 23 no. 2:36-37 F '64.

INORGANIC CHEMISTRY see Chemistry, Inorganic

INPUT-OUTPUT ANALYSIS see Linear programming

INSECT BAITS AND REPELLENTS

Testing new repellent preparations. K. P. Andeev, Z. E. Vranchan. Trudy VNIIVS 16:23-31 '66.

INSECTICIDES

Chemical control of the European corn borer in the Abkhazian A.S.S.R. Mustea Dumitru. Zap. LSKH 95:29-31 '65.

Chemicals for the protection of aromatic plants against injurious insects. M. V. Sharanova. Masl. zhur. prom. 32 no. 4:25-26 Ap '66.

Comparative data on the study of new insecticides. I. A. Kurmanov. Trudy VNIIVS 16:22-27 '66.

Determining aldrin in the air, water, and soil and aldrin and dieldrin in biological media. M. A. Klisenko, T. A. Lebedeva, G. A. Khokhol'kova. Khim. v sel', khoz. 4 no. 5:62-66 My '66.

Distribution of loose poisonous mixtures in the soil. T. Nikiforova. Zashch. rast. 11 no. 5:16-17 '66.

Effect of hexachlorobutadiene on grapevines and useful soil micro-organisms in Moldavia and Krasnodar Territory. V. S. Khokhrjakova and others. Khim. v sel', khoz. 4 no. 5:31-33 My '66.

Efficacy of the combined use of organochlorine insecticides in controlling wireworms in corn fields of the North Ossetian A.S.S.R. E. V. Arutunova. Zap. LSKH 95:20-25 '65.

Electrocardiographic changes in workers exposed to organic chlorine insecticides. E. P. Krasniuk. Sov. med. 28 no. 9:134-137 S '64.

Physicochemical and acaricidal properties of some new insecticides and acaricides. V. N. Diadchko, M. G. Khatin. Trudy VNIIVS 16:3-6 '66.

Physiological and histological changes in cabbage maggots poisoned by organochlorine insecticides. N. G. Berim, N. I. Rassvetayeva. Zap. LSKH 95:12-18 '65.

Testing new insecticides for the control of the leaf roller *Cacoecia rosana* L. V. P. Markelova. Zap. LSKH 95:26-28 '65.

INSECTS—BEHAVIOR

Changes in the diurnal activity of *Opatrum sabulosum* L. during one season. V. A. Minorskii. Zool. zhur. 45 no. 5:667-674 '66.

Samvelian, K. V. [Patents of insects] "Patenty" nase-komykh. Moskva, Ob-vo "Znanie" RSFSR, 1966. 20 p. (Biblioteka "Novaya nauka"; Blonka, "no. 1")

INSECTS—DEVELOPMENT

Postembryonic development of *Chamobates spinosus* Selnick, 1928 (Oribatid). E. S. Shaldybtina. Zool. zhur. 45 no. 5:661-666 '66.

INSECTS, INJURIOUS AND BENEFICIAL

Brinisev, B. A. [Agricultural entomology] Sel'sko-khoziaistvennaya entomologiya. Leningrad, Kolos, 1966. 341 p. (Uchebnyi i uchebnye posobia dlia sel'sko-khoziaistvennykh tekhnikumov) (DNAL)

INSECTS, INJURIOUS AND BENEFICIAL—CONTROL

Significance of space isolation of crops and the size of fields in pest control. A. F. Glushchenko. Zap. LSKH 95:42-52 '65.

INSIGNIA

What these emblems tell. Kryl. rod. 16 no. 3:48 Ap '65.

INSTRUMENT INDUSTRY

New objectives of the instrument industry in compliance with the decisions of the 23d Congress of the CPSU. K. N. Rudnev. Prihorostroenie no. 5:1-2 My '66.

INSTRUMENT MANUFACTURE

Seminar on the problems of increasing the precision of machining instrument parts. G. I. Iasinikii. Prihorostroenie no. 5:30 My '66.

INSULATED ELECTRIC WIRE see Electric wire, Insulated

INSULATING OILS

Aptov, I. S., and M. V. Khomiakov. [Maintenance of insulating oils] Ukhod za izolatsionnym maslom. Izd. 2, perer. i ispr. Moskva, Energiya, 1966. 109 p. (Biblioteka elektromontera, no. 184)

Checking the oil in the entrances of 35 kv. power transformers. T. P. Musatov. Elek. sta. 37 no. 3:84-85 Mr '66.

Temperature-frequency characteristics of chlorinated saturation liquids. L. I. Aleksandrova and others. Trudy LPI no. 258:106-115 '65.

Use of transformer insulating oils in municipal electrical networks. P. M. Khripunov and others. Elek. sta. 36 no. 3:68-69 Mr '65.

INSULATING PAPER

Oxide paper for power condensers. L. M. Guliaeva, M. N. Morezova, T. V. Renne. Trudy LPI no. 258:125-131 '65.

INSULIN

Changes in the zinc content and distribution in the pancreas under the influence of alloxan and insulin. I. A. Shevchuk. Probl. endok. i gorm. 10 no. 2:103-106 Mr-Ap '64.

Content of insulin in the blood of the fetus in a diabetic mother. L. L. Liberman. Biol. eksp. biol. i med. 58 no. 0:46-49 S '64.

Study of insulin concentration in the blood of persons of different ages by the method of an isolated rat diaphragm. N. A. Zhukov. Probl. endok. i gorm. 10 no. 2:95-102 Mr-Ap '64.

INSULIN—PHYSIOLOGICAL EFFECT

Change in the coagulation time and anticoagulation factors in the blood of dogs under the influence of insulin. M. I. Mamikonian. Biol. eksp. biol. i med. 58 no. 0:42-46 S '64.

INSURANCE, SOCIAL

(see also subdivision under Archangel; Kuybyshev Province; Perm Province; Serpukhov District)

Major of the reserves. A. Nazarov. Sots. obesp. 41 no. 5:26-27 My '66.

Moscow. Moskovskaya sel'skokhoziaistvennaya akademiya imeni K. A. Timiriyazeva. Kafedra ekonomiki sotsialisticheskogo sel'skogo khoziaistva. [Social security of collective-farm members in the U.S.S.R.] Sotsial'noe obespachenie chlenov kolhozov v SSSR. Razrabotano A. G. Pervushinym. Moskva, 1965. 38 p.

Our international connections. O. Bogdanova. Sots. obesp. 41 no. 5:60-63 My '66.

INSURANCE, SOCIAL—EMPLOYEES

(see also subdivision under Kirghizistan; Voronezh)

Let's give more attention to personnel. K. M. Dolgov. Sots. obesp. 41 no. 5:2-5 My '65.

INSURANCE, SOCIAL—FINANCE

Budget of social insurance for 1965. Okbr. truda i sots. strakh. 8 no. 3:47 Mr '65.

INTEGRAL EQUATIONS

Asymptotic properties of the resolvent of an integral equation whose kernel depends solely on the difference between the variables. M. I. A. Evgrafov. Dokl. AN SSSR 168 no. 2:202-205 My '66.

Discrete analog of a Volterra-type integral equation on a semiaxis. E. I. Gol'dengornel'. Usp. mat. nauk 31 no. 2:223-225 Mr-Ap '66.

Excitation of a dielectric solid of revolution. E. N. Vasil'ev, L. B. Materikova. Zhur. tekhn. fiz. 35 no. 10:1817-1824 O '65.

One-dimensional singular equations in approximated functions. Case of the open contour. A. P. Kosulin. Vest. LGU 21 no. 7:157-160 '66.

Singular integral equations in Lipschitz spaces. Part 2. N. M. Mikhailova-Gabenko. Vest. LGU 21 no. 7:45-57 '66.

Theory of systems of singular integral equations with degenerate symbolic matrices. Part 2. Z. Presdorf. Vest. LGU 21 no. 7:68-75 '66.

INTEGRAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Solution of systems of singular integral equations with kernels invariant relative to transformations of a certain group. N. A. Rysluk. Dif. urav. 2 no. 5:701-708 My '66.

INTEGRALS

An integral over a paraboloid and Born's first approximation. L. A. Sakhuovich. Dokl. AN SSSR 168 no. 2:288-291 My '66.

Properties and applications of a singular integral with continuous density. A. A. Babaev. Dokl. AN SSSR 168 no. 2:255-258 My '66.

INTEGRALS, GENERALIZED

A quadrature formula for computing Wiener integrals with weight. T. Tobias. Izv. AN Ent. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:17-27 '66.

INTELLECTUALS—AGING

Use of various vitamin preparations for the treatment of elderly and senile persons engaged in intellectual work. I. N. Iakovleva. Trudy MOI, Ad. biol. 17:163-170 '66.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Concerning I. A. Lytaev's article "Characteristics of application of frequency cutoff in consolidated electric power systems." E. A. Golubini. Elek. sta. 37 no. 3:91-92 Mr '66.

INTERCOSTAL MUSCLES

Stretch receptors of the intercostal muscles. V. D. Glebovskii. Fiziol. zhur. 50 no. 9:1158-1168 S '64.

INTERMETALLIC COMPOUNDS

Chemistry of beryllides. G. V. Samsonov. Usp. khim. 35 no. 5:779-822 My '66.

INTERNAL COMBUSTION ENGINES

Checking the setting of the phases of gas distribution. I. Khodinev. Tekhn. v sel'khoz. 26 no. 4:51-52 Ap '66.

Vestukel'skii, S. A., and M. N. Svetlichnyi. [Assembly, operation and repair of internal combustion engines] Montazh, ekspluatatsiya i remont dvigatel' vnutrennego sgoraniya. Moskva, Mashinostroenie, 1966. 274 p.

INTERNAL COMBUSTION ENGINES—LUBRICATION

Technology of industrial production of MNI-IP-22k additives. P. S. Belov, V. P. Krasil'nikov. Nefteper. i neftekhim. no. 5:22-24 '66.

INTERNAL COMBUSTION ENGINES—TESTING

Law of active heat emission and the indices of a high-speed carburetor engine. E. M. Mageranov. Za tekhn. prog. 4 no. 12:36-39 D '64.

INTERNAL FIXATION IN FRACTURES

Compression osteosynthesis of infected femoral fractures: experimental study. P. P. Zhukov, V. S. Alushenko, D. N. Skripnik. Vest. khir. 96 no. 4:110-114 Ap '65.

Osteosynthesis in a fracture of the sternum. E. V. Kapatsinskii. Ortop. travm. i protz. 26 no. 10:90-93 O '64.

Osteosynthesis in the dislocation of the acromial end of the clavicle. I. Z. Neiman, V. V. Morrison. Vest. khir. 96 no. 4:84-100 Ap '66.

Surgical treatment of closed diaphyseal fractures of the tibia using a modified K. M. Klimov beam. V. I. Kravchuk. Vest. khir. 96 no. 4:141-142 Ap '66.

INTERNAL FRICTION

Akademiya nauk SSSR, Institut metallurgii. [Internal friction in metals and alloys] Vnutrennee trenie v metalakh i spлавakh. Moskva, Nauka, 1966. 243 p.

Amplitude-frequency dependence of internal friction in certain steels. V. S. Postnikov, I. M. Sharshakov, V. V. Usanov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:144-146 '66.

Effect of an electric field on internal friction in NaCl and LiF. A. A. Bistunov and others. *Fiz. tver. tela* 8 no. 3:736-739 Mr '66.
"Impurities" peak of internal friction in iron alloys containing phosphorus. I. V. Grudina, B. E. Glikman, I. V. Pigusov. *Fiz. met. i metalloved.* 21 no. 4:575-579 Ap '66.

Temperature variations in internal friction of alkali halide crystals. A. A. Rotaki. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:157-159 '66.

INTERNATIONAL LABOR ORGANIZATION

The International Labor Organization and the problems of the development of cooperation in the developing countries. V. Khoria. *Sov. potreb. koop* 10 no. 5:51-54 My '66.

INTERNATIONAL ORGANIZATION OF JOURNALISTS

The International Organization of Journalists was right. P. Pronin. *Sov. pech.* no. 5:58-59 My '66.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONAL SOCIALIST CONGRESS

Akademiya nauk SSSR, Institut istorii. [History of the Second International] Istoriya Vtorogo Internationala. Red. kollegiya: L. I. Zubok i dr. Moskva, Nauka. (Biblioteka vsemiroi istorii)
Vol. 2. 1966. 593 p.

The Kienthal Conference. L. A. Stepanov, I. A. G. Temkin. *Nov. i noveish. ist.* no. 3:22-36 '66.

INTERNATIONALISM

A conference in Leningrad on the amalgamation of socialist nations and the international education of workers. B. A. Karpov. *Nov. i noveish. ist.* no. 3:191-192 '66.

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES

Comparative significance of skeletal musculature and the intestine in chemical thermoregulation. K. P. Ivanov, D. A. Rashevskaya. *Fiziol. zhur.* 51 no. 2:197-203 F '65.

Correlation between the duration of contraction and relaxation of smooth muscle in the small intestine. A. A. Gonkin, T. D. Dzidzigiuri. *Fiziol. zhur.* 50 no. 11:1377-1384 N '64.

Localization of peptidase activity in the cells of the small intestines of rats. R. I. Kushak, A. M. Ugolev. *Dokl. AN SSSR* 168 no. 2:477-479 My '66.

Role of the perimural concentration of substances on absorption in the small intestine. I. A. P. Skitarov, E. E. Iarenko. *Fiziol. zhur.* 50 no. 10:1289-1295 O '64.

INTESTINES—CANCER

Clinical aspects and surgical treatment of primary cancer of the small intestine. O. A. Narycheva. *Vop. onk.* 12 no. 5:91-96 '66.

INTESTINES—DISEASES

(see also subdivision under Azerbaijan; Yagudnoye District, Magadan Province)

Diagnosis of colenteritis in children using the immunofluorescence method. V. Z. Glezorov. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:136-137 Ag '64.

Effect of some organophosphorus compounds in experimental intestinal infections. M. G. Zerin and others. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:133-134 Ag '64.

Isolated tumorlike amyloidosis of the small intestine. L. I. Nikhamkin. *Ark. pat.* 28 no. 4:70-78 '66.

X-ray endoscopic study of the mucosa of the large intestine in amebiasis. A. G. Iosif'yan, E. G. Mezhlumian. *Zhur. eksp. i klin. med.* 6 no. 1:57-64 '66.

INTESTINES—INNERVATION

Chemoreception and nociceptive effects of bradykinin. R. S. Sonina, V. M. Khalutin. *Fiziol. zhur.* 52 no. 5:547-555 My '66.

INTESTINES—MICROBIOLOGY

Enzymatic activity of cellulose-decomposing microflora in the intestines of young pigs. A. I. Kurbatov. *Veterinaria* 42 no. 4:23-25 Ap '66.

INTESTINES—OBSTRUCTIONS

Objective method to determine the viability of intestines in ileus. V. V. Ivanov. *Vost. khir.* 96 no. 4:48-50 Ap '66.

Some mechanisms of the development of pareses in acute intestinal obstruction. I. M. Dederer. *Pat. fiziol. i eksp. terap.* 10 no. 2:53-57 Mr-Apr '66.

INTESTINES—SECRETIONS

Effect of oleandomycin phosphate on the secretory and enzymatic function of the intestine. G. G. Egorenko. *Antibiotiki* 11 no. 4:351-354 Ap '66.

INTESTINES—WOUNDS AND INJURIES

Combined lesion of pelvic bones and small intestine with its strangulation between bone fragments. N. K. Goloborod'ko. *Khirurgiya* 42 no. 2:142 F '66.

Rare case of rupture of the small intestine during the repair of an inguinal hernia. M. A. V. Chlinskii. *Klin. khir.* no. 7:78-79 '65.

INTRAVENOUS ANESTHESIA

Methodology for bronchography under intravenous anesthesia with intubation and obturation of the bronchus in cancer of the lungs. A. S. Katanov, E. M. Gerasimov. *Vest. rent. i rad.* 41 no. 2:93-94 Mr-Apr '66.

INVARIANTS

Geodesics and shortest lines in the invariant metric of a linear group. M. A. Ulanovskii. *Ukr. geom. sbor.* no. 1:107-113 '65.

INVENTIONS

(see also subdivision under Lithuania)

Authors' certificates for Soviet inventions. *Stroimobprom.* 10 no. 4:39 Ap '65.

"He took a seat, he thought for a while, and an invention was ready." I. V. Vlasov. *V mire knig* 6 no. 4:22-23 Ap '66.

"An index of discoveries." V. Malevannii. *V mire knig* 6 no. 4:20 Ap '66.

Petrov, V. P., and P. P. Iurevich. [Fiction or reality?] *Fantastika ili real'nost'.* [Leningrad] Lenizdat, 1965. 227 p. (Nauka i kommunizm)

Stimulating inventiveness and technological innovations. I. Margulis. *Agitator* no. 3:51-52 F '64.

INVESTMENTS, AMERICAN see subdivision under Europe, Western; Latin America

INVESTMENTS, FOREIGN see subdivision under Africa, West

IODINE

Iodine content in algae of the Murmansk region. G. K. Barnashkov. *Ryb. khoz.* 42 no. 3:60-70 '66.

IODINE—THERAPEUTIC USE

Dysfunctional changes in the breast in cases of goiter and their treatment with iodine. E. M. Khavannova. *Vop. onk.* 12 no. 5:32-35 '66.

Iodine in infectious laryngotracheitis of hens. A. N. Vorobiev, M. T. Karadimian, P. G. Sitnikov. *Veterinaria* 43 no. 5:36 My '66.

IODINE—TOXICOLOGY

Iodine monochloride as a disinfectant. V. D. Bulnov. *Trudy VNIHS* 16:164-169 '66.

IODINE BROMIDE—THERAPEUTIC USE

Some diseases of the joints in elderly age and treatment of the patients with artificial iodine bromide waters. I. Z. Vul'fson. *Trudy MOIP, Otd. biol.* 17:226-233 '66.

IODINE ISOTOPES

Distribution and excretion routes of triiodothyronine and thyroxine exogenously labeled with radioactive iodine (¹³¹I). A. Kh. Mirkhodzhayev, V. A. Rakova. *Probl. endok. i gorm.* 10 no. 2:86-89 Mr-Apr '64.

Functional state of the thyroid gland in brain tumors. I. N. Vinogradova, D. G. Palinkashii. *Vop. neirokhir.* 28 no. 3:44-49 My-Je '64.

Radioactive iodine in the evaluation of the functional state of the thyroid gland in lactating women. B. L. Gurtovoi. *Probl. endok. i gorm.* 10 no. 2:14-18 Mr-Apr '64.

Studies of vascular and tissular permeability and ¹³¹I metabolism in vitamin therapy of elderly and senile persons with atherosclerosis of various vascular regions. A. A. Maifanov. *Trudy MOIP, Otd. biol.* 17:189-194 '66.

IODINE ISOTOPES—THERAPEUTIC USE

Comparative data on the morphology and liver function tests in patients with thyrotoxicosis before and after treatment with ¹³¹I. V. G. Spesivtseva, L. L. Garkina. *Probl. endok. i gorm.* 10 no. 2:18-23 Mr-Apr '64.

Determining the dose of ionizing radiation in the kidneys during ¹³¹I treatment. V. S. Baikova, V. I. Lapchenkov. *Med. rad.* 9 no. 4:50-52 Ap '64.

Examination of urine activity in radiolodine therapy of thyrotoxicosis. G. N. Anasov. *Probl. endok. i gorm.* 12 no. 3:30-34 My-Je '66.

Late results of treating thyrotoxic goiter with radioactive iodine. E. D. Dubovyi, T. V. Voronchenko, V. V. Benikdas. *Med. rad.* 9 no. 4:31-36 Ap '64.

Survey of the literature on the treatment of thyrotoxicosis with radioactive iodine. V. R. Kliachko. *Probl. endok. i gorm.* 10 no. 2:119-124 Mr-Apr '64.

IODOMETRY

Iodochlorometric method of quantitative determination of α-naphthylthiourea (krysid). P. P. Suprun. *Farmatsevt. zhur.* 20 no. 3:36-41 '65.

Using the iodometric method in determining the ascorbic acid content of colored vegetable extracts. E. V. Sapozhnikova, S. L. Dorofeeva. *Kons. i ov. prom.* 21 no. 5:29-31 My '66.

IODONIUM COMPOUNDS

Thermal reaction between triphenylphosphine and diphenyl iodonium hexafluoride. O. A. Pritsyna, M. E. Pudeeva, O. A. Reutov. *Dokl. AN SSSR* 168 no. 3:595-598 My '66.

ION BEAMS

Focusing an ion beam in the field of a current bearing ring. S. V. Lebedev, A. I. Morozov. *Zhur. tekhn. fiz.* 36 no. 5:960-962 My '66.

ION BOMBARDMENT

Change in the resistance of titanium films bombarded by argon ions. G. F. Ivanovskii, T. D. Radzhabov. *Fiz. tver. tela* 8 no. 4:1271-1273 Ap '66.

Characterization of photodiodes produced by silicon bombardment with boron ions. P. V. Pavlov, E. I. Zorin, D. I. Tetelbaum. *Fiz. tver. tela* 8 no. 3:750-752 Mr '66.

Effect of the crystalline structure of the target on ion-electron emission. I. V. Martynenko. *Fiz. tver. tela* 8 no. 3:637-642 Mr '66.

Revealing by ionic bombardment the structure of powder materials in the system metals - metallic oxides. L. I. Gladneva and others. *Porosh. met.* 6 no. 5:67-73 My '66.

Sputtering of substances under bombardment by uranium ions. B. V. Panin, V. G. Teplovskii. *Fiz. tver. tela* 8 no. 4:1268-1269 Ap '66.

ION EXCHANGE

Distribution of 6-aminopentellanic acid between the ion exchanger and solution. E. M. Savitskii and others. *Antibiotiki* 11 no. 4:294-296 Ap '66.

Effect of exchange ions on the development of coagulation structures in aqueous dispersions of clay minerals. N. N. Kruglitskii and others. *Ukr. khim. zhur.* 32 no. 5:467-473 '66.

Effect of ion-exchange cations on the adsorption selectivity of zeolite X. V. Desachek. *Dokl. AN SSSR* 168 no. 1:126-129 My '66.

Ionite method for obtaining desalted apyrogenic water from tap water. P. E. Shmolin, V. I. Bochkareva. *Probl. gamat. i perel. krevi* 11 no. 1:54-57 Ja '66.

Potentiometric method for the determination of potassium salts and analysis of their mixtures with bases and acids using ion exchange in nonaqueous media. A. N. Iarovenko, K. A. Komarova, E. K. Kreshkova. *Zhur. anal. khim.* 21 no. 4:397-404 '66.

Relation between ion exchange factors in dynamic conditions. Kh. V. Jordanov, M. R. Mekhanchiev, E. N. Petkova. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:21-25 '66.

Stability of complexes and rate of addend exchange as related to the hydration of ions. V. I. Ashkichev. *Zhur. neorg. khim.* 11 no. 5:1228-1230 My '66.

Using ammonium chloride for the separation of niobium and tantalum in HCl - HF solutions by means of anionites. V. S. Pakholkov, S. E. Simakov. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:78-81 '66.

ION-EXCHANGE RESINS

Loss of resin occurring during the process of metal sorption from pulp. I. N. Plaskin, I. V. Zubarev. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no. 4:138-141 '66.

ION EXCHANGERS

Isotopes of sorption on anion exchangers and the electrophoretic mobility of borate complexes of some carbohydrates. K. K. Ivanov, I. V. Shibaeva. *Biokhimiya* 31 no. 2:342-347 Mr-Apr '66.

Zirconium polyphosphate as an inorganic ion exchanger. E. S. Bolechinova, D. A. Sokolova. *Zhur. prikl. khim.* 38 no. 8:1732-1735 Ag '65.

ION SOURCES

Mass-spectrometer study of a positive ion source operating under low gas pressure. O. I. Eklichev and others. *Zhur. tekhn. fiz.* 35 no. 10:1097-1101 O '65.

IONIC CRYSTALS

Ionization energy of shallow traps in ionic crystals. Sh. N. Gifelman. *Fiz. tver. tela* 8 no. 4:1182-1187 Ap '66.

IRON MINES AND MINING—EQUIPMENT AND SUPPLIES
(see also subdivision under Alaska; Kazakhstan; Kursk Magnetic Anomaly)

Technology of boring and blasting operations in complex working faces of iron ore strip mines. V. M. Proshchkin. Vyzv. delo no. 59/16:117-125 '66.

IRON MINES AND MINING—FINANCE see subdivision under Ural Mountain region

IRON MINES AND MINING—SCHEDULING see subdivision under Krivoy Rog Basin

IRON-NICKEL ALLOYS—ELECTRIC PROPERTIES

Temperature dependence of the specific electric resistance of metals according to an approximation model of two zones. M. D. Smolin. Fiz. met. i metalloved. 21 no. 4: 630-632 Ap '66.

IRON-NICKEL ALLOYS—MAGNETIC PROPERTIES

Temperature dependence of the magnetic properties of iron-nickel alloys. V. I. Zel'dovich, V. D. Sadovskii. Fiz. met. i metalloved. 21 no. 4:541-545 Ap '66.

IRON-NICKEL ALLOYS—METALLOGRAPHY

High-temperature metallographic examination of the kinetics of γ - α transformations in iron-nickel alloys. V. A. Dubrov. Fiz. met. i metalloved. 21 no. 4:551-554 Ap '66.

Regions of the coherent rearrangement of the crystal lattice during martensite transformations in iron-nickel alloys. V. I. Arkharov, Z. V. Korotkova, N. N. Shehegovala. Izv. vys. ucheb. zav.; Chern. met. 9 no. 3:135-139 '66.

IRON ORES

(see also subdivision under Azov Sea region; Caucasus; Kerch Basin; Kerch Peninsula; Krivoy Rog Basin; Volgograd Province)

Selective flotation of iron from solutions. K. A. Razumov, G. V. Il'yavieva, T. F. Poltoranina. Obog. rud 10 no. 6: 14-18 '65.

Technology of the preparation of pellets from iron-ore flotation concentrates. I. I. Rovenskii, N. N. Bereznoi. Obog. rud 10 no. 6:23-29 '65.

IRON ORES—ANALYSIS

(see also subdivision under Krivoy Rog Basin; Magitogorsk)

Immediate problems of studying ferrous quartzite deposits. S. F. Chernopiatov. Obog. rud 10 no. 6:9-13 '65.

Separate determination of hematite and iron hydroxides by selective dissolution. V. I. Khait. Obog. rud 10 no. 6:35-38 '65.

IRON OXIDES

Iron compounds in high-pressure boilers. G. M. Ivanova. Elektr. sta. 37 no. 3:17-19 Mr '66.

IRON OXIDES—MAGNETIC PROPERTIES

Magnetic susceptibility of solid solutions of ferric oxide in magnesium oxide. S. M. Arlit, N. V. Borisova, I. A. V. Vasil'ev. Zhur. neorg. khim. 11 no. 4:726-727 Ap '66.

Magnetometric study of the oxidation mechanism of iron oxides. N. A. Vasil'inskii, V. F. Volga. Zhur. prikl. khim. 38 no. 8:1740-1745 Ag '65.

IRON PLATING

Cold steeling with an asymmetric alternating commercial frequency current. A. Ryl', A. Epshteln, R. Pivinskii. Tekh. v sel'khoz. 26 no. 4:55-57 Ap '66.

Mechanized device for iron plating. L. Tiagol. Stroil. i arkhit. Sred. Az. 1 no. 7:32-33 Jl '64.

IRON PYROPHOSPHATES

Coprecipitation of indium with iron (III) pyrophosphate at 60° C. S. D. Grekov, V. A. Lotain, R. S. Gualarov. Zhur. neorg. khim. 11 no. 4:835-837 Ap '66.

IRON-SILICON ALLOYS—METALLOGRAPHY

Dependence of grain distribution according to size on the orientation of an Fe-3% Si alloy following primary recrystallization. R. M. Vorob'ev and others. Fiz. met. i metalloved. 21 no. 4:546-550 Ap '66.

Formation of nuclei of secondary recrystallization in an Fe-3% Si alloy. G. M. Vorob'ev and others. Fiz. met. i metalloved. 21 no. 4:555-559 Ap '66.

IRONWORKS see Iron and steel plants

IRRIGATION

(see also subdivision under Kara Kum; Libya; Stavropol Territory; Turkmenistan)

Mesh-reinforced concrete pipe for irrigation. M. Fedotov, G. Belov. Stroil. 18 no. 4:17-18 Ap '64.

Plenum of the Hydraulic Engineering and Land Improvement Section of the All-Union Academy of Agricultural Sciences. N. P. Bolotova. Gidr. i mel 18 no. 5:54-57 My '66.

IRRIGATION—ECONOMIC ASPECTS

(see also subdivision under Ukraine)

The economic efficiency of capital investments should be improved. N. Ovsinnikov. Sel'. stroil. 18 no. 4:14-16 Ap '64.

IRRIGATION CANALS AND FLUMES

(see also subdivision under Soviet Central Asia)

A canal on wheels. M. Shupagin. Izobr. i rats. no. 3: 32-33 Mr '66.

Most advantageous dimensions of trapezoidal canals. A. M. Latyshevskov. Gidr. i mel 18 no. 5:33-40 My '66.

New standard for the longitudinal profile of an irrigation canal. V. P. Protopopov. Stroil. i arkhit. Sred. Az. 1 no. 7:29-32 Jl '64.

Some results of the use of flumes. N. A. Alekseev, V. M. Shamrai. Gidr. i mel 18 no. 5:13-21 My '66.

Technology of the manufacture of reinforced concrete flumes and its improvement. P. D. Panasenko. Gidr. i mel 18 no. 5:5-12 My '66.

IRRIGATION CANALS AND FLUMES—CONGRESSES

Conference on Problems of Water Management Construction. Stroil. i arkhit. Uzb. 7 no. 3:27 Mr '66.

Results of the use of irrigation flumes. A. F. Rad'ko. Gidr. i mel 18 no. 5:58-61 My '66.

IRRIGATION FARMING

(see also subdivision under Alma-Ata Province; Krasnodar Territory; Soviet Central Asia; Ukraine)

Horizons of irrigation farming. N. Ivanov. Agitator no. 3:14-17 F '64.

IRRIGATION FARMING—EQUIPMENT AND SUPPLIES

[Fundamentals of irrigation farming and irrigation machinery] Osnovy orosheniynogo zemledeliia i tekhnika poliva. [By] M. A. Kozin i dr. Moskva, Koles, 1965. 190 p. [Uchebnykh i uchebnye posoblia dlia podgotovki sel'skokhozhaystvennykh kadrov massovoi kvalifikatsii] (DNAL)

IRRIGATION FARMING—MATHEMATICAL MODELS

Linear model of the optimal organization of the use of the irrigation system within individual production units of a farm. V. A. Kardash, V. G. Prilazhinskii. Ekon. i mat. metod. 2 no. 3:451-454 My-Je '66.

IRTYSH RIVER—DAMS

Damming a large unnavigable channel. V. Degtiarev, M. Minusnikov, K. Naritayn. Rech. transp. 25 no. 4:41-43 '66.

IRTYSH VALLEY—STATE FARMS

On the desolate banks of the Irtysh. I. Mezlin. Part. zhizni' no. 11:61-66 Je '66.

ISAAKIAN, ABOGAR ISAAKOVICH, 1885-

Abgar Isaakovich Isakian; on his 80th birthday. A. S. Ktsolian, V. M. Martirosian. Zhur. eksp. i klin. med. 6 no. 1:3-4 '66.

ISHIM VALLEY—ANTIQUITIES

Recently discovered monuments of the Neolithic period in the Ishim Valley. V. F. Gening, L. I. A. Krizhevskii. Krat. soob. Inst. arkheol. no. 106:44-50 '66.

ISLAM

Aksanitas, Pranas. [Islam religion in the past and at present] Musulmonu religija seniau ir dabar. Vilnius, Mintis, 1966. 45 p. [In Lithuanian]

ISOBUTYL ALCOHOL

Strength of acids in butyl and isobutyl alcohol. N. V. Lichkova, V. I. Dulova. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:19-21 '66.

ISOCYANATES

Reaction of alkylisocyanates with organic isocyanates. D. I. A. Zhukin and others. Izv. AN SSSR, Ser. khim. no. 5:855-861 '66.

ISOMERIZATION

Amines and ammonium compounds. Part 33: Isomerization of the alkyl-2-yl group of an ammonium complex to the 1,2-alkene group. M. G. Indzhik and others. Izv. AN Arm. SSR, Khim. nauk 18 no. 6:560-571 '65.

Some aspects of the kinetics of configurational isomerization of cis- and trans-1,2-dimethylcyclopentanes in the presence of a platinum catalyst. O. V. Dragin, Tao Lun-sian [T'ao Lung-shiang], A. L. Liberman. Dokl. AN SSSR 188 no. 1:99-101 My '66.

ISOMERS

Equilibrium relations between geometric isomers of 1,2-disubstituted cyclopentanes. O. A. Arce'ev, V. A. Zakharenko, A. A. Petrov. Neftekhimiia 4 no. 6:854-859 N-D '64.

ISOMORPHISM (CRYSTALLOGRAPHY)

Basic problems of the isomorphism and genesis of tallores. M. S. Sakharova. Geol. rud. mestorozh. 8 no. 1:23-40 Ja-F '66.

Isomorphism in biotites. T. N. Grigor'eva, D. K. Arkhipenko. Rent. min. syr. no. 4:164-169 '64.

Possibilities of studying the phenomenon of isomorphism with the help of selective solvents. B. S. Khristoforov, A. G. Petrenko. Metod. izuch. veshch. sost. i ikh prim. no. 1:52-58 '65.

ISONIAZID

Determination of acetylated tubazid. L. I. Grebenik. Probl. tub. no. 7:79-80 '65.

ISOPROPYL ALCOHOL

Decomposition of isopropyl alcohol on titanium dioxide of an anatase structure. T. P. Khokhlova, I. S. Sazonov, N. P. Keier. Khim. kat' 7 no. 2:345-347 Mr-Apr '66.

ISOQUERCITRIN

Three-phase liquid-liquid-vapor equilibria in the system isopropanol-benzene-water. A. G. Morachevskii, L. A. Legechkina. Zhur. prikl. khim. 38 no. 8:1780-1793 Ag '65.

Flavonoids of the blossoms of the rowan tree tree Sorbus aucuparia. M. I. Borysov, M. S. Zhurav'lov. Farmatsev. zhur. 20 no. 4:50-52 '65.

ISOTHIOCYANATES

Structure and fungicidal activity of monosubstituted arylisothiocyanates. V. P. Lobov. Mikrobiologiya 35 no. 2:269-270 Mr-Apr '66.

ISOTHIOCYANIC ACID

Chemical compound of copper phosphate and arsenate with thiocarbamide. A. Akhmedov, I. G. Drazhzhin, T. Toktobkova. Zhur. ob. khim. 36 no. 5:784-787 My '66.

ISOTOPE EXCHANGE

Deuterium exchange of thiophene and its derivatives. A. I. Shatenstein and others. Dokl. AN SSSR 160 no. 2: 364-367 My '66.

ISOTOPE SEPARATION

Role of donor-acceptor interaction in the separation of isotopes by chemical exchange. L. I. Pechalnik, G. M. Panchenkov. Dokl. AN SSSR 168 no. 2:382-385 My '66.

ITALIAN LITERATURE—HISTORY AND CRITICISM

Sanctis, Francesco de. [History of Italian literature. Translated from the Italian] Istoria Ital'ianskoi literatury. Pod red. D. E. Mikhail'ch. Moskva, Izd-vo Inostr. lit-ry, 1963-64. 2 v. (KU)

ITALY—COMMUNIST PARTY

The 45-year struggle for socialism. Anniversaries of the French and Italian Communist Parties. S. A. Pokrovskaya. Nov. i noveish. ist. no. 3:186 '66.

ITALY—RELATIONS (GENERAL) WITH RUSSIA

Friendship is there where truth is. V. I. Pimenov. Teatr 25 no. 9:107-110 S '64.

IULDASHIEVA, NAZIRA

Cotton grower from Golodnaya Steppe. K. Madallov. Agitator 34 no. 10:8-10 My '66.

IUNOSHEV, IVAN NIKOLAEVICH

Difficult task. . . D. P. Vlasov. Vost. protivovozd. obr. no. 5:45-47 My '66.

IVAN IV, The Terrible, 1530-1584

Establishment of the "oprichnina" and the organization of its military units in 1565. R. G. Skrynnikov. Uch. zap. Ped. inst. Gerts. 278:3-80 '65.

IVANOV, VADIM NIKOLAEVICH, 1892-

Burchinskii, G. I., ed. [Problems of gastroenterology; a collection dedicated to the memory of Academician V. N. Ivanov of the Academy of Sciences of the Ukrainian S.S.R.] Voprosy gastroenterologii; sbornik posviashchennyi pamiati akademika AN USSR V. N. Ivanova. Kiev, Gos. med. izd-vo USSR, 1963. 200 p. (RPB)

IVANO-FRANKOVSK PROVINCE—DRUGSTORES

Work organization in a rural drugstore. K. A. Kochetkov. Farmatsev. zhur. 21 no. 2:82-83 '66.

IVANO-FRANKOVSK PROVINCE—UKRAINIAN NEWS-PAPERS

Consistency is an important feature of the creative methods of a newspaper. A. Zatserkovnyi. Komm. Ukr. 40 no. 5:83-84 My '66.

IVANOV, IVAN FILIPPOVICH, 1901-

Professor Ivan Filippovich Ivanov. S. V. Ivanov, M. I. Sokolova. Trudy Mosk. vet. akad. 10:314-316 '66.

- IVANOV, SERAFIM VASIL'EVICH, 1904-**
Professor Serafim Vasil'evich Ivanov. I. P. Mokrov, P. I. Melekhin. Trudy Mosk. vet. akad. 10:309-310 '66.
- IVANOVKA (ORENBURG PROVINCE)—COLLECTIVE FARMS**
New data in the biography of Ivanovka. S. Romanenko. Agitator 34 no. 10:27-31 My '66.
- IVANOV—AERONAUTICAL SPORTS**
Heroes of the Ivanovo air club. A. Zharovikov. Kryn. rod. 16 no. 4:4-5 Ap '66.
- IVANOV—LIBRARIES, TRADE UNION**
One of the best libraries. E. Lapshina. Bibliotekar' 43 no. 5:15 My '66.
- IVANOV PROVINCE—BONE IMPLEMENTS**
Bone implements from the Sakhtysh 2 campsite. O. S. Gadziatskaia. Krat. soob. Inst. arkheol. no. 106:16-26 '66.
- IVANOV PROVINCE—LIBRARIES AND READERS**
Library workers keep their promises. O. Marsal'skain. Bibliotekar' 43 no. 5:12-13 My '66.
- IVANOVSKI, DMITRII IOSIFOVICH, 1864-1920**
The 100th anniversary of the birth of the founder of virology. D. I. Ivanovskii. A. A. Smorodintsev, K. G. Vasil'ev. Tsitologiia 6 no. 4:401-404 '64.
- JACQUARD WEAVING—EQUIPMENT AND SUPPLIES**
Russia (1923- U.S.S.R.) Ministerstvo legkoi promyshlennosti. Tsentral'nyi institut nauchno-tekhnicheskoi informatsii. [The new Soviet Jacquard loom Zh2-13] Novaya otechestvennaia zhakardovaia mashina Zh2-B. Moskva, TsINTI, 1965. 32 p.
- JAPAN—COMMERCE—RUSSIA**
Important step in the development of economic relations with Japan. Vnesh. torg. 46 no. 5:16 '66.
- JAPAN—EARTHQUAKES AND BUILDING**
Designing foundations taking into account the seismic conditions in Japan. I. U. G. Trofimov. Osn., fund. i mekh. grun. 8 no. 3:37-39 '66.
- JAPAN—FOUNDATIONS**
Designing foundations taking into account the seismic conditions in Japan. I. U. G. Trofimov. Osn., fund. i mekh. grun. 8 no. 3:37-39 '66.
- JAPAN—PATENT LAWS AND LEGISLATION**
Peculiarities of the registration of claims for inventions in Great Britain and Japan. A. G. Novozhilov. Vop. izobr. no. 3:10-11 Mr '66.
- JAPAN—ROAD CONSTRUCTION**
Highway construction in Japanese cities. I. U. Molchanov. Stroitel' arkhit. Mosk. 16 no. 5:32-33 My '66.
- JAPAN—VILLAGES**
Akademiia nauk SSSR. Institut narodov Azii. [Documents on the history of the Japanese village. Translated from the Japanese] Dokumenty po istorii iaponskoi derevni. Moskva, Nauka. (Pamiatniki pis'mennosti Vostoka, no. 8, pt. 1)
Pt. 1. [End of the 17th to the first half of the 18th century] Konets XVII-pervaia polovina XVIII v. 1966. 149 p.
- JAPAN SEA—SEISMOLOGY**
Results of seismic research in the southwestern part of the deep-sea basin of the Japan Sea. V. M. Kovylin. Okeanologiya 6 no. 2:284-305 '66.
- JAUNDICE**
Clinical aspects and differential diagnosis in nonicteric leptospirosis (swamp fever) caused by Leptospira pomona (with special reference to the course of this disease combined with jaundice and in immunized patients.) K. V. Bunin, M. N. Gamazina. Sov. med. 28 no. 9:54-60 S '64.
Obstructive jaundice caused by tuberculous pericholelithal lymphadenitis. E. A. Shachanova. Vest. khir. 96 no. 4:6-8 Ap '66.
- JAVA—VILLAGE COMMUNITIES**
Decomposition of the Javanese village communes; end of the 19th and the first half of the 20th century. E. A. Lalais. Strany i nar. Vost. no. 4:87-94 '65.
- JAWS—DISEASES**
Tuberculous lymphadenitis of the submaxillary region and neck. V. I. A. Vytrishchak. Vest. khir. 96 no. 4:82-84 Ap '66.
- JAWS—FRACTURE**
Use of proteolytic hormones in the treatment of mandibular fractures with extraoral supporting bandages. K. R. Sarkisov, A. I. Protasevich. Vest. khir. 96 no. 4:91-93 Ap '66.
- JET APPARATUS**
Hydraulic drive for a unit for ingot cleaning from scale prior to forging. G. K. Bronin. Kuz.-shtam. proizvod. 8 no. 4:35-39 Ap '66.
- JET BORING**
Jet-piercing capacity compared to the magnitude of the piezoelectric effect in rocks containing piezoelectric minerals. A. B. Uspenskaya. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:9-12 '66.
- JET BORING—EQUIPMENT AND SUPPLIES**
Theoretical studies of the parameters of gas in kerosene-nitric acid jet torches earmarked for the thermal piercing of hard rocks. I. P. Goidaev. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:77-82 '66.
- JET PLANES—ENGINES**
Criterion of the instability of a developed deflagration and the analogy of the consumption process in a detonation wave and in a jet engine. S. K. Aslanov. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:108-114 '66.
- JETS**
Mechanism of the dissociation of a jet in heavy drops; comments on M. I. Vivenko and K. N. Shabalin's article. I. Khomiak. Inzh.-fiz. zhur. 10 no. 5:631-682 My '66.
Pressure distribution along the wall in the area of a submerged jet. N. N. Mikhailovskii, S. A. Pridatko. Prikl. mekh. 2 no. 5:139-140 '66.
- JETS—FLUID DYNAMICS**
Effect of the shape of the initial velocity profile on the development of a plane-parallel submerged turbulent jet. F. Frishman. Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:76-80 '66.
Interaction of commensurable jets in a bounded space. H. Sai, I. U. Ivanov. Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:81-87 '66.
- JETTIES** see subdivision under Tyumen' Province
- JOB DESCRIPTIONS** see subdivision under Germany, West
- JOINTS—DISEASES**
Balmological treatment of elderly patients with dystrophic (noninfectious) lesions of joints. M. N. Syroechkovskaya. Trudy MOIP, Otd. biol. 17:226-225 '66.
Some diseases of the joints in elderly age and treatment of the patients with artificial iodine bromide waters. I. Z. Vulfson. Trudy MOIP, Otd. biol. 17:226-233 '66.
- JOINTS—SURGERY**
Ultrahigh-frequency therapy in the early postoperative period; surgery on the joints. V. I. Gol'dblat, Ortop., travm. i protez. 25 no. 10:73 O '64.
- JOINTS—TUBERCULOSIS** see subdivision under Kostroma Province
- JOINTS (ENGINEERING)**
Concentration of stress in welded elements of hydraulic structures. N. G. Bazilevskii. Trudy LPI no. 257:166-171 '65.
Construction of joints of precast concrete members and the engineering methods followed. A. L. Filakhtov and others. Energ. stroit. no. 2:42-47 '65.
Design for strength of tube joints. L. P. Portsev, V. M. Dolinskii. Khim. mashinostr. no. 2:3-8 '65.
Dubrovskii, A. F. [Bolted joints; theory and design] Boltovyie soedineniia; teoriia i raschet. Uchebnoe posobie. Moskva, Mosk. in-t inzhenerov zhelokor. transporta, 1965. 117 p.
Dynamics of the process of completing an undetachable joint by electric explosion of a wire. V. F. Vygovskii. Izv. vys. ucheb. zav.; mashinostr. no. 3:183-189 '66.
Joints of precast reinforced concrete structures of the main buildings of thermal electric power stations. N. V. Makoshin. Energ. stroit. no. 2:3-6 '65.
Joints used in plastic and composite constructions of ship superstructures, deckhouses, light bulkheads and partitions. B. F. Prokhorov. Sudostroenie no. 9:44-51 S '65.
Joints with protruding loops. L. L. Likhachev. Prom. stroit. 43 no. 5:33-35 '66.
Method of disconnecting butt welded joints without stopping the process of electric slag welding. I. I. Sushchuk-Slusarenko, I. L. Lychko, N. N. Shablin. Avtom. svar. 19 no. 4:77 Ap '66.
- JOINTS (ENGINEERING)—ELECTRIC PROPERTIES**
Measuring the electric conductivity of aluminum-copper weldments. A. V. Lozovskaya, O. A. Gorchinskii. Avtom. svar. 19 no. 4:78 Ap '66.
- JOINTS (ENGINEERING)—TESTING**
Certain factors affecting the position of the point of lead-in of ultrasonic vibrations during the control of welded joints. V. P. Saychenko. Defektoskopia 2 no. 2:40-44 '66.
Palkovich, A. S., and M. Kh. Khusanov. [Magnetographic control of welded joints] Magnitograficheski kontrol' svarykh soedinenii. Moskva, Mashinostroenie, 1966. 174 p.
Influence of the initial temperature of the base metal on the properties of welded joints. S. A. Ostrovskaya. Avtom. svar. 19 no. 4:8-12 Ap '66.
Mechanical properties of semifinished products and welded joints in the B92T high-strength aluminum alloy. K. S. Pospelov, A. I. A. Chernik, A. V. Sverdlov. Allum. splavy no. 5:175-186 '66.
Slow failure of welded joints in alloys in the system Al - Zn - Mg. I. N. Fridlander and others. Allum. splavy no. 4:120-134 '66.
Structure and properties of welded joints in low-alloy steel pipe. I. A. N. Malinichka, S. D. Pavlova, L. A. Slin'ko. Avtom. svar. 19 no. 4:13-17 Ap '66.
Studying chemical heterogeneity in welded joints in AT6M and AT6M6 alloys. I. N. Fridlander and others. Allum. splavy no. 4:135-142 '66.
Studying the structure of welded joints in B96-type alloys. M. E. Drits and others. Allum. splavy no. 4:159-160 '66.
- JOURNALISM**
(see also subdivision under Pakistan)
In our "press club. Sov. pech. no. 5:6-16 My '66.
- JOURNALISM—POLITICAL ASPECTS**
A question of our honor. M. Zhulanin. Sov. pech. no. 5:1-7 My '66.
- JOURNALISM—THEATER** see subdivision under Ukraine
- JOURNALISM, MILITARY**
A dangerous turn. B. Glikin. Sov. pech. no. 5:41-42 My '66.
The foremost hero. V. Tordua. Sov. pech. no. 5:42-43 My '66.
- JOURNALISM, TECHNICAL** see subdivision under Ukraine
- JOURNALISTS** see subdivision under Crimea
- JOURNALISTS—EDUCATION AND TRAINING**
Improve the education of journalists. V. Zub, Koran. Ukr. 40 no. 5:82-83 My '66.
- JUDGES**
The right to judge. V. Sokolov. Sov. iust. 30 no. 9:24-25 My '66.
- JUGULAR VEIN**
Significance of jugular phlebography in the diagnosis of tricuspid stenosis. N. I. Makinikov. Kardiologiya 4 no. 2:41-44 Mr-Ap '64.
- JUNCTION TRANSISTORS**
Coherent radiation from a p - n-junction in indium arsenide phosphide. P. G. Eliseev and others. Fiz. tver. tela 8 no. 4:1283-1285 Ap '66.
Distribution of impurity concentration and the electric field in the drift region of silicon p - i - n-detectors. A. S. Antonov. Fiz. tver. tela 8 no. 5:1325-1328 My '66.

JUNCTION TRANSISTORS (Continued)

Photo-e.m.f. on a pn-junction in a semiconductor following intense excitation. L. M. Blinov, V. S. Vavilov, G. N. Galkin. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 9:361-365 My '66.

Spectral characteristics of GaAs p-n-junctions in the near ultraviolet. A. A. Gutkin and others. Fiz. tver. tela 8 no. 3:712-716 Mr '66.

A strong injection into a nondegenerate p-n-junction. G. V. Konstantinov, A. L. Efros. Fiz. tver. tela 8 no. 5: 1466-1478 My '66.

Voltage build-up time in p-n-junctions at high injection levels. I. V. Lisitskii. Izv. vys. ucheb. zav. i fiz. 9 no. 2:66-71 '66.

JUPITER (PLANET)

Jupiter in 1963. N. K. Andrianov. Bul. VAGO no. 37: 24-28 '65.

JUSTICE, ADMINISTRATION OF

Monakhov, V. I. [Now it's clear] Pontal, Moskva, Iuridicheskaya literatura, 1964. 45 p. (NIC)

Serious tasks confronting the organs of justice. Sov. just. 30 no. 9:1-3 My '66.

The 23d Congress of the CPSU and the problems of the Soviet socialist state and law. Sov. gos. i pravo 36 no. 5:3-11 My '66.

JUTLAND, BATTLE OF, 1916

The Battle of Jutland. D. Kodola. Voen.-ist. zhur. 8 no. 4:117-123 Ap '66.

JUVENILE DELINQUENCY

Some sources of juvenile delinquency in the U.S.S.R. and ways to prevent it. G. M. Min'kovskii. Sov. gos. i pravo 36 no. 5:84-93 My '66.

KABALEVSKII, DMITRII BORISOVICH, 1904-

For young violinists. M. Garlitskii. Sov. muz. 30 no. 4:116 Ap '66.

KAFAN DISTRICT—GEOLOGY, STRUCTURAL

Age of disturbances and mineralization of the Kafan ore zone. S. V. Sarkisyan. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:112-118 '66.

History of the formation of the structure of the Kafan ore zone (Lesser Caucasus). V. N. Kotliar, I. U. A. Lole. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 3:87-97 Mr '66.

KAFAN DISTRICT—ORE DEPOSITS

Age of disturbances and mineralization of the Kafan ore zone. S. V. Sarkisyan. Izv. AN Arm. SSR, Nauki o zem. 19 no. 1/2:112-118 '66.

History of the formation of the structure of the Kafan ore zone (Lesser Caucasus). V. N. Kotliar, I. U. A. Lole. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 3:87-97 Mr '66.

KALACH REGION (VORONEZH PROVINCE)—FIELD CROPS—DISEASES AND PESTS

At the Kalach Station. L. Poplavskaya. Zashch. rast. 11 no. 5:43-44 '66.

KALASHNIK, VASILII IVANOVICH

Mechanizer, deputy, student. Sov. shakht. 15 no. 4:24-24a Ap '66.

KALININ—COTTON MANUFACTURE—MANAGEMENT

Work practices in enterprises with superior quality of production. K. A. Lebedev. Tekst. prom. 20 no. 5: 16-18 My '66.

KALININ—TEXTILE INDUSTRY

An unquestionably useful system. V. Mikhailov. Park. zhizn' no. 11:32-35 Je '66.

KALININ PROVINCE—ANTIQUITIES

Burial grounds of the Petyanovo cultural type near the villages of Olochino and Taskaika. D. A. Krainov. Krat. soob. Inst. arkheol. no. 106:55-65 '66.

KALININ PROVINCE—CLEARING OF LAND

We use arboricides. B. Valiaev. Zashch. rast. 11 no. 4:18 '66.

KALININ PROVINCE—ECONOMIC CONDITIONS

Kalinin. Pedagogicheskii institut. [From the past and present of Kalinin Province: a collection of historical articles and regional studies] Iz proshlogo i nastoiashchego Kalininskoi oblasti; istoriko-kraevedcheskii sbornik. [Moskva] Mosk. rabochii, 1965. 337 p.

KALININ PROVINCE—HISTORY

Kalinin. Pedagogicheskii institut. [From the past and present of Kalinin Province: a collection of historical articles and regional studies] Iz proshlogo i nastoiashchego Kalininskoi oblasti; istoriko-kraevedcheskii sbornik. [Moskva] Mosk. rabochii, 1965. 337 p.

KALININ PROVINCE—RETAIL TRADE

Concern for the consumer is the main thing. V. Denisikov. Sov. torg. 39 no. 5:54-56 My '66.

KALININ PROVINCE—TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Exchange of work experiences in the introduction of scientific and technical societies in the enterprises of the Kalinin Province. K. V. Kutepova. Tekst. prom. 26 no. 5:22-25 My '66.

KALMYK A. S. S. R.

Gerzhod, I. I., and A. M. Dzhibibiev. [Our Kalmyk land; a brief sketch of the history, economics, and culture of the Kalmyk Soviet Socialist Republic] Krai nash kalmytskii; kratkii ocherk istorii, ekonomiki i kul'tury Kalmytskoi Sovetskoi Sotsialisticheskoi Respubliki. Elista, Kalmytskoe knizhnoe izd-vo, 1965. 58 p. (Prie-zhalte k nam v Kalmykiu) (CS-11)

KALMYK A. S. S. R.—PARASITES—SHEEP

Myiasis infestation of sheep in the Kalmyk A. S. S. R. caused by Wohlfahrtia magnifica. V. I. Ternovoi, K. P. Andreev. Trudy VNIIS 16:15-21 '66.

KALMYKS

Elista. Kalmytskii nauchno-issledovatel'skii institut. Iazyka, literatura i istorii. [Kalmyks in the Patriotic War of 1812; a collection of documents] Kalmyki v Otechestvennoi voine 1812 goda; sbornik dokumentov. Pod obshch. red. D. S. Sandzhieva. Elista Kamogostizdat, 1964. 161 p. (NNC)

KALUGA—ORNITHOSIS

Outbreak of ornithosis in Kaluga. V. A. Ilyumov, M. S. Kobzar'. Zhur. mikrobiol., epid. i immun. 41 no. 7:143-146 Ji '64.

KALUGA PROVINCE—WEED CONTROL

For efficient use of herbicides. E. Balaev. Zashch. rast. 11 no. 1:9-10 '66.

KAMA VALLEY—ELECTRONIC DATA PROCESSING—HYDROLOGY

"Ural-4" electronic digital computer for the analysis of optimal water flow conditions. V. E. Gromova, I. A. Karmazin, E. V. TSvetkov. Elek. sta. 37 no. 3:44-48 Mr '66.

KAMA VALLEY—REVOLUTION, 1917-1921

How the "barrage of death" was saved. U. Manokhin. Voen.-ist. zhur. 8 no. 5:77-81 My '66.

KAMCHATKA—BIRCH

Ecological and phenological characteristics of the growth of Betula exilis Sukacz. in the mountains of Kamchatka. I. N. Elagin. Bot. zhur. 51 no. 2:253-256 F '66.

KAMCHATKA—FISHERIES

Ways to increase fishery products output with existing production capacities. V. M. Gorbatenko. Ryb. khoz. 42 no. 4:80-82 '66.

KAMCHATKA—FLOUNDERS

Flounder resources off western Kamchatka must be preserved. V. I. Tikhonov. Ryb. khoz. 42 no. 3:6-8 '66.

KAMCHATKA—FOREST SOILS

Characteristics of hydrophysical properties and hydrothermal conditions of ochreous volcanic forest soils in Kamchatka. I. A. Sokolov, N. I. Belousova. Pochvovedenie no. 5:53-66 My '66.

KAMCHATKA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Neogene sediments in eastern Kamchatka (Valdina Range). I. U. B. Gladenkov, A. G. TSikunov. Izv. AN SSSR, Ser. geol. 31 no. 5:105-117 My '66.

KAMCHATKA—PASTURES AND MEADOWS

Stepanova, K. D. [Meadows of the Kamchatka Peninsula] Luga poluostrova Kamchatki, Vindtostok, Dal'nnevostochnoe knizhnoe izd-vo, 1965. 90 p. (DNAL)

KAMCHATKA—QUARTZITE—ANALYSIS

Chemistry of the underground waters and secondary quartzites of Kamchatka. Z. B. Dekusar. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 3:153-164 Mr '66.

KAMCHATKA—WATER, UNDERGROUND—COMPOSITION

Chemistry of the underground waters and secondary quartzites of Kamchatka. Z. B. Dekusar. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 3:153-164 Mr '66.

KAMENETS-PODOL'SKIY DISTRICT—CATTLE TRADE

How farm specialization benefits procurement. Zakup. sel'khoz. prod. no. 4:20-32 Ap '66.

KAMENNA YA STEPPE—ROOTS (BOTANY)

Development of root systems in cluster tree plantations. E. S. Pavlovskii. Vest. sel'khoz. nauki 11 no. 2:75-80 F '66.

KAN BASIN—SANDSTONE

Comparative characteristics of the terrigenous-mineralogical provinces of the Kan-Irkutsk Basins. I. I. Zadkova. Geol. i geofiz. no. 2:49-60 '66.

KANDALAKSHA (MURMANSK PROVINCE)—CARGO HANDLING—EQUIPMENT AND SUPPLIES

With the aid of improved containers. N. Sterkin. Mor. flot 24 no. 1:12-13 Ja '64.

KANDALAKSHA (MURMANSK PROVINCE)—SPRING

May, the change of seasons. V. V. Blanki. Priroda 55 no. 5:124-125 My '66.

KANSK BASIN—LIGNITE

Crushing Nazarovo coal in a hammer mill. P. M. Luzin. Elek. sta. 37 no. 3:35-38 Mr '66.

KANT, IMMANUEL, 1724-1804

Borodai, I. M. [Imagination and the theory of knowledge; a critical essay on the Kantian theory of the productive power of imagination] Vobrazhenie i teoriia poznaniia; kriticheskii ocherk kantovskogo ucheniia o produktivnoi sposobnosti vobrazheniia. Moskva, Vysshiaia shkola, 1966. 149 p.

KAOLIN

(see also subdivision under Bulgaria)

Particular features of the development of deformations in conglutination structures of aqueous dispersions of some Soviet and foreign kaolins. M. S. Komskala. Ur. khim. zhur. 32 no. 5:528-531 '66.

KAPTSOV, NIKOLAI ALEKSANDROVICH, 1888-1966

N. A. Kaptsov; obituary. Radiotekh. i elektron. 11 no. 5: 966-967 My '66.

KARA-BOGAZ-GOL (GULF)—SALT INDUSTRY

Scientists say: Kara-Bogaz must live. I. Nekhamkin. NTO 8 no. 5:4-7 My '66.

KARA-KALPAK A. S. S. R.—MUSKRATS

Age and sex variability of the complex of external and internal characters in young muskrats of the Kara-Kalpak population. R. Reimov. Zool. zhur. 45 no. 5: 730-740 '66.

KARA KUM—DESERT FLORA

Spring in the Kara Kum. N. N. Drozdov. Priroda 55 no. 5:82-86 My '66.

KARA KUM—IRRIGATION

Soils of Kara Kum and Libyandeserts irrigated in the remote past. N. G. Mhashina. Pochvovedenie no. 5: 41-52 My '66.

KARA KUM—SAND

Methods of studying the structure of wind-driven sand current. S. Vasilov. Izv. AN Turk. SSR, Ser. biol. nauk; no. 2:43-47 '66.

KARA KUM CANAL—CARP

Variability of the morphology of carp in the Kara Kum Canal as related to the growth rate. R. Charyev. Izv. AN Turk. SSR, Ser. biol. nauk no. 2:56-61 '66.

KARABAKH UPLAND—LANDFORMS

Basic characteristics of volcanic relief in the Karabakh Upland. R. Ia. Kutiev. Izv. AN Azerb. SSR, Ser. geol. i geog. nauk no. 6:59-62 '64.

KARABAU VALLEY—BASALT

Alkali basalts and lamprophyres in the upper Karabau Valley (southern slopes of the Chatkal Range). I. V. Mushkin. Uzb. geol. zhur. 10 no. 2:29-36 '66.

KARABAU VALLEY—LAMPROPHYRES

Alkali basalts and lamprophyres in the upper Karabau Valley (southern slopes of the Chatkal Range). I. V. Mushkin. Uzb. geol. zhur. 10 no. 2:29-36 '66.

KARADAG OIL FIELD—OIL WELLS—MAINTENANCE AND REPAIR

Visiting efficiency promoters of Karadagmeft'. T. Abyanlian, I. Vatekhim. Neftonik 10 no. 6:31-32 Ag '66.

KARADAG REGION (AZERBAIJAN)—OIL FIELD BRINES

Nature of water manifestation in the series of 7 horizons in the Karadag area. B. M. Liatengarton and others. Izv. AN Azerb. SSR, Ser. geol. i geog. nauk no. 6:60-67 '65.

KARADAR'YA VALLEY—RESERVOIRS

"Sea of friendship" of two fraternal republics. B. Aleksandrov. Stroi. i arkh. Sred. Az. 1 no. 7:20-29 JI '64.

KARADŽIĆ, VUK STEFANOVIC, 1787-1864

Bhoid, I. K. [Vuk Karadžić in the history of Ukrainian-Serbian scholarly relations] Vuk Karadžić u istoriji ukrajinsko-serbskih naukovih zvezikiv. Kytiv, Naukova dumka, 1965. 46 p. (CS-H)

KARAEV, ALIGEIDAR KERIM, 1896-1938

Commander of the Armed Forces of Azerbaijan. R. Zolnarov, A. Guseinov. Voenn.-ist. zhur. 8 no. 6:119-121 Je '66.

KARAGANDA—STEEL INDUSTRY—MANAGEMENT

The foreman's manual. G. Barkov, P. Lampol'skii. Nar. khoz. Kazakh. 24 no. 4:30-31 Ap '66.

KARAGANDA BASIN—COAL GEOLOGY

Metamorphism and prognosis of the quality of Paleozoic coals in the Greater Karaganda Basin. M. V. Golitsyn. Sov. geol. 9 no. 4:104-121 Ap '66.

Origin of coal breccia in the alluvial sediments of the coal-bearing series in the Karaganda Basin. I. A. Ocheretenko. Izv. AN Kazakh. SSR. Ser. geol. 23 no. 1:60-63 Ja-F '66.

KARAGANDA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let us improve the guidance of local party organizations. N. Bannikov. Part. zhizn' no. 11:12-19 Je '66.

KARAGANDA PROVINCE—SORGHUM

Cultivation practices in growing sorgho in southern Karaganda Province. O. Nurgaliev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:111-12 Ap '66.

KARAGINSKIY ISLAND—GEOLOGY, STRATIGRAPHIC

Upper Pleistocene and Holocene sediments in Karaginskiy Island. Blud. Kom. chetv. per. no. 3:103-108 '66.

KARAKUL SHEEP

Determining the optimal dose of pregnant mare's serum for increasing the fertility of Karakul sheep. IU. K. Leonov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:27-30 Ap '66.

KARATAU (KAZAKHISTAN)—PHOSPHATE MINES AND MINING

Ergen Umitov's work record. N. Orasbaev. Nar. khoz. Kazakh. 24 no. 4:80-82 Ap '66.

KARELIA—ENGINEERING GEOLOGY

Characteristics of Quaternary sediments in Karelia for the purpose of engineering geology. N. P. Astratova, A. A. Kagan. Trudy Leningradskogo inzh. inzh. 2:105-111 '65.

KARELIA—LANDFORMS

Some shapes of Pre-Jatullan hidden relief in Karelia. V. A. Sokolov and others. Dokl. AN SSSR 168 no. 2: 432-434 My '66.

KARELIA—PEGMATITES

Alkali pegmatites of the Yel'tozersk gabbroid and alkali rock massif (northern Karelia). N. B. Abukumova. Sov. geol. 9 no. 5:131-140 My '66.

KARELIA—ROCKS, IGNEOUS

Alkali pegmatites of the Yel'tozersk gabbroid and alkali rock massif (northern Karelia). N. B. Abukumova. Sov. geol. 9 no. 5:131-140 My '66.

KARELIA—SOIL MECHANICS

Physicomechanical properties of fluvioglacial esker sediments in the western part of Murmansk Province and the Karelian A.S.S.R. N. P. Astratova, A. A. Kagan, A. V. Tiagunov. Trudy Leningradskogo inzh. inzh. 2:112-121 '65.

KARPACHEV, SERGEI VASIL'EVICH, 1908-

Sergei Vasil'evich Karpachev on his sixtieth birthday. Elektrokhimika 2 no. 5:627-628 My '66.

KARST see subdivision under Aurgaza Valley; Crimean Mountains; Darvazskiy Range region

KARYOKINESIS

Effect of medication sleep on the mitotic activity of normal and denervated epidermis in white rats. A. N. Kulagin. Biol. eksp. biol. i med. 58 no. 12:84-86 D '64.

KARZHAVIN, FEDOR VASIL'EVICH, 1745-1812

F. V. Karzhavin, a Russian freethinker. L. B. Svetlov. Vop. ist. 41 no. 5:212-215 My '66.

KASHEVAROVA-RUDNEVA, VARVARA ALEKSANDROVNA, 1848-1899

Zabludovskaya, E. D. [V. A. Kashevarova-Rudneva; the story of women's higher medical education in Russia] V. A. Kashevarova-Rudneva; k istorii vysshego zhenskogo meditsinskogo obrazovaniya v Rossii. Moskva, Meditsina, 1965. 118 p. (DNLM)

KASHIN (KALININ PROVINCE)—VETERINARY MEDICINE—STUDY AND TEACHING

Results of training specialists with intermediate qualifications. M. Z. Semenov. Veterinariia 42 no. 4:113-115 Ap '66.

KASHKA-DARYA PROVINCE—OIL WELL DRILLING

Perforative rotary well drilling using bottom hole hydraulic impact machinery in Perm and Kashka-Darya Provinces. A. V. Kichigin, IU. N. Kalugin, SI. Broun. Trudy MINKHIMP no. 60:169-174 '66.

KASKELEN (KAZAKHISTAN)—COOPERATIVE SOCIETIES

Prospects are clear and broad. M. Kniazev. Sov. potrebn. koop. 10 no. 5:11 My '66.

KASTEYEV, ABYLYKHAN, 1904-

Alma-Ata. Kazakhskaya gosudarstvennaya khudozhestvennaya galeriya. [Exhibition of the works of the people's artist of the Kazakh S.S.R. Abylykhan Kasteiev; on the 60th anniversary of his activity. Catalog] Vystavka proizvedenii narodnogo khudozhnika Kazakhskoi SSR Abylykhana Kasteieva; k 60-letliu so dnia rozhdeniia i 35-letliu tvorcheskoi delatel'nosti. Katalog. Alma-Ata, 1964. 86 p. illus. (MH)

KATEL'NIKOV, EYLANPU NIKFOROVICH, 1774-1854

Don rebel. V. Shumov. Sov. voen. 47 no. 10:31 S '65.

KATMANDU REGION, NEPAL—DESCRIPTION AND TRAVEL

The Katmandu Valley. D. N. Kostinskiy. Strany i nar. Vost. no. 4:15-24 '65.

KATTAKURGANSKIY DISTRICT—FARM MANAGEMENT

Economically, in a businesslike way. S. Tukhlov. Ekon. i zhizn' 8 no. 4:64-67 Ap '66.

KAZAKH LANGUAGE—INTONATION

Intonation of questions in the Kazakh language. N. U. Turkmenbaev. Izv. AN Kazakh. SSR. Ser. obshchestv. 4 no. 2:63-66 Mr-Apr '66.

KAZAKH LANGUAGE—PHONEMICS

Statistical method in studying the phonemic composition of the Kazakh language. Zh. A. Aralbaev, S. Tutubayev. Vest. AN Kazakh. SSR 22 no. 4:87-80 Ap '66.

KAZAKH LANGUAGE—WORDS

The words "kop" and "az" in the Kazakh language. T. Sainrambaev. Izv. AN Kazakh. SSR. Ser. obshchestv. 4 no. 2:67-71 Mr-Apr '66.

KAZAKH LITERATURE

Shalabaev, Bel'gibai. [Kazakh literature; the Soviet period. Textbook on the history of the Kazakh novel for philology faculties of universities and pedagogical institutes] Kazakhskaya literatura; sovetskii period. Uchebnoe posobie po istorii kazakhskogo romana dlia filologicheskikh fakul'tetov universitetov i pedagogicheskikh institutov. Pod obshch. red. N. S. Rovenskogo. Alma-Ata, Mektep, 1965. 233 p. (NKC)

KAZAKHS

Ishturayev, Zhumash. [For the city of Lenin] Za gorod Lenina. Alma-Ata, Kazakhstan, 1964. 90 p. (MH)

KAZAKHISTAN—ANTIQUITIES

Margulan, A. Kh., ed. [Ancient culture of central Kazakhstan] Drevniia kul'tura Tsentral'nogo Kazakhstana. [By] A. Kh. Margulan i dr. [Alma-Ata] Izd-vo "Nauka" Kazakhskoi SSR. [1966] 434 p.

KAZAKHISTAN—BOTANY—ANATOMY

Characteristics of the anatomical structure of some plants in central Kazakhstan. V. K. Vasil'evskaya. Trudy Bot. inst. Ser. 3 no. 17:125-134 '66.

KAZAKHISTAN—CHEMISTRY, TECHNICAL

Technical progress in the national economy of Kazakhstan and tasks in the field of science. A. B. Roznitskov. Vest. AN Kazakh. SSR 22 no. 4:8-17 Ap '66.

KAZAKHISTAN—COMPOSITAE

[Flora of Kazakhstan] Flora Kazakhstana. Glav. red. N. V. Pavlov. Sost. A. N. Vasil'eva i dr. Alma-Ata, Nauka. Vol. 9. 1966. 638 p.

KAZAKHISTAN—CONSTRUCTION INDUSTRY—METHOD

Efficient method of operation guidance. Nar. khoz. Kazakh. 24 no. 4:50-53 Ap '66.

Mechanize managerial work more. Nar. khoz. Kazakh. 24 no. 4:53-54 Ap '66.

KAZAKHISTAN—CORN (MAIZE)—DISEASES AND PESTS

Problems of controlling wireworms. V. P. Kirillov. Vest. sel'khoz. nauki [Kazakh.] no. 4:15-18 Ap '66.

KAZAKHISTAN—DESCRIPTION

Zverev, N. V., and O. V. Matkevich. [Land of eagle wings] Kazakhistan. Krylov. Alma-Ata, Kazakhstan, 1964. (CS-H)

KAZAKHISTAN—DESERT FLORA

Brief characteristics of microclimatic associations of the northern desert of Kazakhstan. N. I. Bobrovskaya. Trudy MINKHIMP no. 17:170-180 '65.

KAZAKHISTAN—DODDER—DISEASES

Natural enemies of dodder in Kazakhstan. A. I. Ivanov. Zashch. rast. 11 no. 12:3-4 '66.

KAZAKHISTAN—FIELD MICE

History of the range and the causes of the spread of Lagurus luteus Evermann in Kazakhstan. Zool. zhur. 45 no. 5:741-750 '66.

KAZAKHISTAN—FISH CULTURE

Igorzen, B. G., and G. M. Krivonozhko. [Fish culture in Western Siberia and northern Kazakhstan] Rybovodstvo Zapadnoi Sibiri i Severnogo Kazakhstana. Moskva, [Kolos] 1965. 100 p.

KAZAKHISTAN—FISHES—DISEASES

Fish parasites and diseases in the fresh waters of Kazakhstan. A. I. Agapova. Trudy Kazakh. SSR. Ser. biol. nauk 2 no. 4:51-58 Ap '66.

KAZAKHISTAN—FLEA BEETLES—EXTERMINATION

Control of the striped grain flea beetle (Sitona vittula) in Kazakhstan. N. S. Belykh. Zashch. rast. 11 no. 12:3-4 '66.

KAZAKHISTAN—FOOD INDUSTRY

Some problems of the development of the food industry in Kazakhstan in the postwar period. I. A. Ibragimov, I. A. Ibragimov. Izv. AN Kazakh. SSR. Ser. obshchestv. 4 no. 2:26-35 Mr-Apr '66.

KAZAKHISTAN—FRUIT CULTURE

Practices in using herbicides in the orchards of Kazakhstan. I. N. Boldyrev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:93-97 Ap '66.

KAZAKHISTAN—GEOCHEMICAL PROBLEMS

Practice in the quantitative evaluation of the geochemical halos in southern Kazakhstan. V. P. Shifanov. Rezhev. 1 okh. nedr. 31 no. 3:1-2 '66.

KAZAKHISTAN—GEOLOGY, STRUCTURAL

Dilmar, V. I. [Tectonics and prospecting for oil and gas in the Chu-Sarysu and northern Kazakhstan] Tektonika i perspektivy razvedki naftnykh i gaznykh mestozhizhnykh depozitov Chu-Sarysuiskoi i smezhnykh depozitov. Moskva, Nauka, 1966. 173 p.

Varzyk development of the Dzhezkazgan depression (central Kazakhstan). V. P. Kabanov. Vest. Mosk. un. Ser. 4: 11-12 Mr-Apr '66.

KAZAKHISTAN—GERBILS AS CARRIERS

Methods of drawing middle-scale maps of gerbil populations in studying the plague. E. V. Rotshild. Zool. zhur. 45 no. 5:741-750 '66.

KAZAKHISTAN—GRAIN

Evaluation and forecast of the harvest on the dry-farming area of the northern Kazakhstan. G. G. Beloborodova, E. M. Zemkova. Trudy MINKHIMP no. 5:32-35 My '66.

Increasing the production of grain in the northern Kazakhstan. V. P. Kabanov. Vest. sel'khoz. nauki [Kazakh.] no. 4:93-97 Ap '66.

KAZAKHISTAN—GRANITE

Gogel, G. N. [Accessory minerals in the central Kazakhstan] Aktsessornye mineraly Tsentral'nogo Kazakhstana. Nauka, 1966. 170 p.

KAZAKHISTAN—HISTORY

Give a worthy welcome to the great hero of the Kazakh people. A. Igenbaev. Vest. AN Kazakh. SSR 22 no. 4:8-17 Ap '66.

- KAZAKHSTAN—INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION**
Material base of the service industries. G. Galaidin, Nar. khoz. Kazakh. 24 no. 4:46-49 Ap '66.
- KAZAKHSTAN—INDUSTRIES**
The first year of the five-year plan. Nar. khoz. Kazakh. 24 no. 4:44-45 Ap '66.
In the State Planning Commission, ministries, and departments. Nar. khoz. Kazakh. 24 no. 4:94-96 Ap '66.
- KAZAKHSTAN—LANDLORD AND TENANT**
Some problems concerning the rent of living space under the civil codes of the Kazakh S.S.R. and other Union republics. I. U. G. Basin. Izv. AN Kazakh. SSR, Ser. obshchestv. 4 no. 2:36-45 Mr-Apr '66.
- KAZAKHSTAN—LILIALES**
Biological and morphological characteristics of Liliaceae in the dry and desert steppes of central Kazakhstan. T. A. Popova. Trudy Bot. inst. Ser. 3 no. 17:7-63 '65.
- KAZAKHSTAN—MANUFACTURES—FINANCE**
Ways to improve the profitability of enterprises. V. Potashin. Nar. khoz. Kazakh. 24 no. 4:19-24 Ap '66.
- KAZAKHSTAN—METALLURGY**
Technical progress in the national economy of Kazakhstan and tasks in the field of science. A. B. Reznikov. Vest. AN Kazakh. SSR 22 no. 4:8-17 Ap '66.
- KAZAKHSTAN—METEOROLOGY, AGRICULTURAL**
Evaluation and forecast of the harvest of grain crops on the dry-farming area of the southeast of Kazakhstan. G. G. Beloborodova, E. M. Zerkova. Meteor. i gidrol. no. 5:32-35 My '66.
- KAZAKHSTAN—MINERALS**
Gogel', G. N. [Accessory minerals in granitoids of central Kazakhstan] Aktsessornye mineraly granitoidov Tsentral'nogo Kazakhstana. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 179 p.
- KAZAKHSTAN—MUTTON—MICROBIOLOGY**
Clostridium perfringens contamination of the carcasses of sheep slaughtered by necessity. G. I. Sidorenko, I. U. Pivovarov. Vop. pit. 23 no. 4:73-75 Ji-Ag '64.
- KAZAKHSTAN—OAK**
Karandina, S. N. [Growth and development of oak in gullies of western Kazakhstan; the biological and ecological properties of oaks of early and late races] Rost i razvitiye duba v padinakh Zapadnogo Kazakhstana; biologicheskie i ekologicheskie svoystva dubov ramel i pozdnei ras. Moskva, Nauka, 1966. 82 p. (DNL)
- KAZAKHSTAN—OIL WELL DRILLING**
Effect of the depth of wells on the footage drilled per drilling cycle in areas of western Kazakhstan. A. S. Amankulov. Azerb. neft. khoz. 45 no. 4:17-19 Ap '66.
- KAZAKHSTAN—PARASITES—FISHES**
Agapova, A. I. [Fish parasites in the bodies of water of Kazakhstan] Parazitny ryb vodocomov Kazakhstana. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 342 p.
Fish parasites and diseases in the fish-farming bodies of water of Kazakhstan. A. I. Agapova. Izv. AN Kazakh. SSR, Ser. biol. nauk 2 no. 4:51-68 Ji-Ag '64.
- KAZAKHSTAN—PASTURES AND MEADOWS**
Vegetation of spring meadows. N. P. Guricheva. Trudy Bot. inst. Ser. 3 no. 17:200-218 '65.
- KAZAKHSTAN—PETROLEUM PRODUCTION**
Western Kazakhstan. A. K. Karnev. Neft. khoz. 44 no. 4: 9-11 Ap '66.
- KAZAKHSTAN—PETROLOGY**
Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrologii, mineralogii i geokhimii. [Problems of the petrography of Kazakhstan] Voprosy petrologii Kazakhstana. Moskva, Nauka, 1966. 108 p.
- KAZAKHSTAN—PHOSPHORITES**
Role of volcanism, tectonics, and paleogeography in the process of phosphorite formation as revealed by a study in the deposits of northern Kazakhstan. V. V. Naumenko. Geol. zhur. 24 no. 5:78-82 '64.
- KAZAKHSTAN—PLAGUE**
Methods of drawing middle-scale maps of the greater gerbil populations in studying the natural foci of plague. E. V. Rotshild. Zool. zhur. 45 no. 5:751-763 '66.
- KAZAKHSTAN—PLANTS, PROTECTION OF**
With the plant protection teams of Kazakhstan and Kirghizi- stan. I. U. Neipert. Zashch. rast. 11 no. 5:16-20 '66.
- KAZAKHSTAN—PLANTS, PROTECTION OF—CONGRESSES**
At the session of the All-Union Academy of Agricultural Sciences. I. U. Novinskii. Zashch. rast. 11 no. 5:57 '66.
- KAZAKHSTAN—POWER ENGINEERING**
Technical progress in the national economy of Kazakhstan and tasks in the field of science. A. B. Reznikov. Vest. AN Kazakh. SSR 22 no. 4:8-17 Ap '66.
- KAZAKHSTAN—RICE—IRRIGATION**
Ways to reduce irrigation rates for rice. E. M. Kutybaev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:54-59 Ap '66.
- KAZAKHSTAN—SAKSAUL**
Effect of moderate grazing of cattle on preservation of the sprouts and young growth of saksaul. R. U. Utembembetov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:119-121 Ap '66.
- KAZAKHSTAN—SCALE INSECTS**
New genus and species of scale insects (Homoptera, Coccidea, Pseudococcidae) from Kazakhstan. G. I. A. Matesova. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:98-102 Ap '66.
- KAZAKHSTAN—SERVICE INDUSTRIES**
Material base of the service industries. G. Galaidin. Nar. khoz. Kazakh. 24 no. 4:46-49 Ap '66.
- KAZAKHSTAN—SHEEP**
Effect of the time of lambing on the growth and development of lambs in the mountainous sheep farming zone. T. S. Masheev. Izv. AN Kazakh. SSR, Ser. biol. nauk 2 no. 4:91-95 Ji-Ag '64.
- KAZAKHSTAN—SHEEP—FEEDING AND FEEDS**
Substituting corn silage for hay in sheep rations. T. I. Sarbasov, V. V. Kallin. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:113-115 Ap '66.
- KAZAKHSTAN—SOCIAL SCIENCE RESEARCH**
The 23rd Congress of the CPSU and social sciences. Izv. AN Kazakh. SSR, Ser. obshchestv. 4 no. 2:3-6 Mr-Apr '66.
- KAZAKHSTAN—SOIL CONSERVATION**
Complex of machinery for protecting soils from wind erosion. V. Gordinev. Tekh. v sel'khoz. 26 no. 4: 5-6 Ap '66.
- KAZAKHSTAN—SOILS—MAPS**
Kazan. Universitet. [Problems of the genesis and large-scale mapping of soils] Voprosy genezisa i krupnomasshtabnogo kartirovaniya pochv. [Kazan'] 1965. 144 p.
- KAZAKHSTAN—SPRAYING AND DUSTING IN AGRICULTURE**
Low-volume spraying in Kazakhstan. M. Bondarenko, N. Devlin. Zashch. rast. 11 no. 1:8-9 '66.
- KAZAKHSTAN—STATISTICS**
[National economy of the Kazakh S.S.R. in 1960 and 1961; a statistical abstract] Narodnoe khoz. i statistika Kazakhskoi SSR v 1960 i 1961 gg.; statisticheskii sbornik Alma-Ata, Gosstatizdat, 1963. 543 p.
- KAZAKHSTAN—STEPPE FLORA**
Microbiological characteristics of the rhizosphere of plants of natural associations in the dry-steppe and desert-steppe subzones of central Kazakhstan. I. S. Skalon. Trudy Bot. inst. Ser. 3 no. 17:151-169 '65.
Periodicity of the seasonal development of steppe plants, and zonal types of steppe vegetation in central Kazakhstan. I. V. Borisova. Trudy Bot. inst. Ser. 3 no. 17:64-90 '65.
Productivity of the desert-steppe associations of central Kazakhstan. T. K. Gordceva. Trudy Bot. inst. Ser. 3 no. 17:115-124 '65.
- KAZAKHSTAN—SUPPLY AND DEMAND—MATHEMATICAL MODELS**
Use models of demand in planning. R. Utanbayev. Nar. khoz. Kazakh. 24 no. 4:72-76 Ap '66.
- KAZAKHSTAN—TECHNOLOGICAL INNOVATIONS**
Technological progress as a material basis of communist labor. A. Zharmenov. Izv. AN Kazakh. SSR, Ser. obshchestv. 4 no. 2:10-25 Mr-Apr '66.
- KAZAKHSTAN—TECHNOLOGY**
On the frontier of technological progress. A. Reznikov. Nar. khoz. Kazakh. 24 no. 4:64-69 Ap '66.
- KAZAKHSTAN—THEATER**
Akademiya nauk Kazakhskoi SSR. Alma-Ata. Institut literaturny i skussiva. [Kazakh provincial theaters] Kazakhskie oblastiye teatry. Alma-Ata, Nauka KazSSR, 1965. 350 p. [In Kazakh and Russian] (MII)
- KAZAKHSTAN—TUBERCULOSIS—PREVENTION**
Control of tuberculosis in the Kazakh S.S.R. A. A. Terlikbaev. Probl. tub. no. 5:5-9 '64.
- KAZAKHSTAN—WINDBREAKS, SHELTERBELTS, ETC.**
Deep plowing and the growth of trees in shelterbelts. A. G. Grigor'ev, N. A. Sosnin. Vest. sel'khoz. nauki 11 no. 2: 64-68 F '66.
- KAZAN—CARGO HANDLING**
Developing a plan for scientific organization of work in ports. V. Mitrofanov, M. Salomatinov. Rech. transp. 25 no. 4:25-26 '66.
- KEDRIN, DMITRIY BORISOVICH, 1907-1945**
Beginning with the second act... K. Krivitskii. Teatr 25 no. 9:12-14 S '64.
- KEMEROVO—PILING (CIVIL ENGINEERING)**
Building large-panel apartment houses on pile foundations in Kemerovo. K. Neshchadimov. Zhil. stroit. no. 8:13-15 '64.
- KEMEROVO PROVINCE—TRADE UNIONS**
Every worker should join a trade union. I. Mal'ishev. Sov. profsoyuz 22 no. 9:18-19 My '66.
- KENYA—FINANCE**
The credit-monetary system of Kenya, Tanzania, and Uganda. V. Lokhachev. Den. i kred. 24 no. 5:85-87 My '66.
- KENYA—TRADE UNIONS**
Meeting with the trade unions of Kenya. A. Kiva. Sov. profsoyuz 22 no. 9:36-37 My '66.
- KERAMZIT**
Output of keramzit foam concrete elements is increasing. N. A. Kornev, I. A. Solodukhin. Stroit. mat. 12 no. 4: 27 Ap '66.
Study of the performance of rotary kilns with supporting rings during the production of keramzit. A. V. Lifshits, P. Sh. Sholmanov. Sbor. trud. VNIISTROM no. 5:130-48 '65.
Using statistical probability evaluations in the analysis of the relation of the quality of keramzit to the quality of the preparation of clay mass. A. I. Polinkovskaya and others. Sbor. trud. VNIISTROM no. 5:26-37 '65.
- KERCH BASIN—IRON ORES**
Concentration of copper microimpurities in the agglomerate of Kerch ores and copper determination by means of 2, 2-bichloronitric acid. N. N. Lapin, A. I. Vovk. Izv. vys. ucheb. zav. i khim. i khim. tekhn. 9 no. 1:27-30 '66.
- KERCH PENINSULA—IRON ORES**
Cimmerian iron ore deposits in the caved-in synclines of the Kerch Peninsula. E. F. Shul'nikov, P. I. Naumenko. Sov. geol. 9 no. 4:142-149 Ap '66.
- KERCH PENINSULA—LIMESTONE**
Improving the parameters of boring and blasting operations at the limestone quarry of the Kamysb-Burun Iron Ore Combine. A. F. Alekseenko. Vzyv. delo no. 50/16: 125-134 '66.
- KEROSENE**
Accelerated method for determining soil specific gravity in kerosene. G. I. A. Potinov. Pochvovedenie no. 5:190-192 My '66.
Radiation chlorination of kerosene. R. V. Dzhatgatspian and others. Khim. prom. 42 no. 5:338-340 My '66.
- KESERVEI, SEID AKHMED**
Analysis of language materials in Seid Akhmed Keservei's "Azert" based on the Tat language. M. I. Gadzhiev. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:123-132 '65.
- KESRANIDS**
Some additions to the genealogy of the Shirvanshahs Kesranids. Z. M. Baniatov. Izv. AN Azerb. SSR, Ser. obshchestv. nauki no. 6:47-53 '65.
- KHADAROVSK—THEATER**
Beginning with the second act... K. Krivitskii. Teatr 25 no. 9:12-14 S '64.

- KHARKOV—ART GALLERIES AND MUSEUMS**
Klarkov. Derzhavnyi muzei obrazotvorchoho mystetstva. [Kharkov State Museum of Fine Arts] Kharkiv's'kyi Derzhavnyi muzei obrazotvorchoho mystetstva. [Kyiv, Mystetstvo, 1965. 80] p. plates. [In Ukrainian, Russian, and English] (MH)
- KHARKOV—BOOK CLUBS**
 Letters to the editor. Bibliotekar' 43 no. 5:57-61 My '66.
- KHARKOV—RESEARCH, INDUSTRIAL**
 Is there an organization of the scientific technological society in the Institute? G. Porozhenko. NTO 6 no. 5:24-25 My '66.
- KHARKOV—REVOLUTION, 1917-1921**
 New documentary materials relating to the establishment of Soviet rule in Kharkov. V. V. Farsolin. Ukr. ist. zhur. 10 no. 5:82-87 My '66.
- KHARKOV—STEAM TURBINES**
 They started the five-year plan with confidence. F. Belotshkil. Agitator 34 no. 11:2-4 Je '66.
- KHARKOV—TURBINES**
 Creative activity, calculation, and self-interest. V. Khanenko. Komm. Ukr. 40 no. 5:43-50 My '66.
- KHARKOV PROVINCE—WEED CONTROL**
 Combine use of herbicides and fertilizers. N. Nekrasov. Zashch. rast. 11 no. 1:19-21 '66.
- KHATAN BATOR MAK SARZHAY, 1887-1927**
Cholbaisan, Kh. [Khatan Bator Maksarzhay. Translated from the Mongolian] Khatan Bator Maksarzhay. Moskv., Voenizdat, 1965. 54 p. (MH)
- KHAZARS**
 Neighbors of the Khazars. L. N. Gumilev. Strany i nar. Vost. no. 4:127-142 '65.
- KHERASKOV, NIKOLAI PAVLOVICH, 1906-1965**
 In memory of Nikolai Pavlovich Kheraskov; obituary. Sov. geol. 9 no. 4:159-160 Ap '66.
- KHERSON PROVINCE—AGRICULTURAL ADMINISTRATION**
 We should select and promote the competent leaders of agriculture. V. Kraev. Part. zhizn' no. 11:40-44 Je '66.
- KHERSON PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK**
 Be always with the people! P. Markolok. Part. zhizn' no. 12:37-41 Je '66.
- KHBINY MOUNTAINS—ALGAE**
 Algae of the Podzolic soils of the Khibiny Mountains. E. A. Shitina, M. B. Roizin. Bot. zhur. 51 no. 4:500-510 Ap '65.
- KHBINY MOUNTAINS—A PATITE**
 Use of geophysical methods of prospecting for apatite ores. G. N. Shabliński, N. A. Kaverzneva. Razved. i okh. nedr 31 no. 9:32-35 S '65.
- KHOMINSKI, BORIS STEPANOVICH, 1896-**
 Boris Stepanovich Khominski; on his 70th birthday. Vop. neirokhir. 30 no. 2:70-71 Mr-Ap '66.
- KIDNEY BEAN**
 Globulins in the seeds of Phaseolus aureus (Roxb.) Pp. V. V. Salanova. Dokl. AN SSSR 168 no. 2:459-462 My '66.
- KIDNEY FUNCTION TESTS**
 Kidney function during the process of regeneration hypertrophy. V. A. Vasilenko. Biol. eksp. biol. i med. 58 no. 9:49-53 S '64.
 Mechanism of the effect of adrenaline on the reabsorption of water in renal tubules. B. A. Pakhmurnyi. Fiziol. zhur. 51 no. 2:237-242 F '65.
 Renal function in sheep. V. F. Lysov. Fiziol. zhur. 51 no. 2:230-236 F '65.
- KIDNEYS**
 Determining the dose of ionizing radiation in the kidneys during I131 treatment. V. S. Balkov, V. I. Lajchenkov. Med. rad. 9 no. 4:58-62 Ap '64.
- KIDNEYS—BLOOD SUPPLY**
 Effect of adrenaline and noradrenaline on the renal blood flow. N. P. Zakharzhevskaya. Fiziol. zhur. 50 no. 10:1270-1275 O '64.
- KIDNEYS—DISEASES**
 Change in the cholinesterase activity of the blood in nephritis of children. D. A. Kristian. Dokl. AN BSSR 10 no. 5:359-362 My '66.
 Data on the study of the etiology of hemorrhagic fever accompanied by the renal syndrome. A. A. Avakian and others. Zhur. mikrobiol., epid. i immun. 41 no. 7:129-134 Ji '64.
 Disorders of phosphorus metabolism in acute kidney insufficiency caused by blood transfusion complications. I. L. Vinogradova, V. A. Agranenko, A. A. Safarova. Probl. gemat. i perel. krovi 11 no. 3:34-40 Mr '66.
 Erpozid treatment of patients with hypertension and the hypertensive form of chronic nephritis. G. L. Darbinian, G. G. Gevorgian. Zhur. eksp. i klin. med. 6 no. 1:85-93 '66.
 Experimental podneculitis and pyelonephritis. B. S. Gorev. Urol. i nefr. no. 3:34-38 '65.
 Nephrotoxicity of monocytes in children. A. L. Libov and others. Antibiotiki 11 no. 4:382-383 Ap '66.
 Pathological anatomical analysis of posttransfusion kidney insufficiency. O. A. Zakharova. Probl. gemat. i perel. krovi 11 no. 3:40-45 Mr '66.
 Veterinary hygienic evaluation of swine kidneys with cysts. N. P. Kovaleva. Veterinariia 42 no. 4:104-106 Ap '66.
- KIDNEYS—SURGERY**
 Device for the application of ligatures. M. A. Moroz. Urol. i nefr. no. 3:58-59 '65.
- KIDNEYS—TUMORS**
 Case of giant adenoma of the kidney. I. G. Kiranov. Urol. i nefr. no. 3:51-52 '65.
- KIEV—FURNITURE INDUSTRY—EQUIPMENT AND SUPPLIES**
 Practices in the use of hard-alloy cutting instruments at the Bozhenko Furniture Factory in Kiev. S. A. Zorenko. Lis., pap. i der. prom. no. 2:17-18 Mr-Ap '66.
- KIEV—LIBRARIES, CHILDREN'S**
 We remember their names. R. Pershina. Bibliotekar' 43 no. 5:21-22 My '66.
- KIEV—METASEQUOIA**
 Metasequoia in Kiev. I. A. I. Liava. Biol. Glav. bot. sada. no. 59:95-97 '65.
- KIEV—SHOE INDUSTRY**
 The results are good. P. Tarasuk. Part. zhizn' no. 11:35-36 Je '66.
- KIEV—VIEWS**
Ryts'kyi, Maksym. Kiev. Kiev, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 1 v. plates. [In Ukrainian, Russian and English] (DDO)
- KIEV ECONOMIC REGION—INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION**
 Technical and economic efficiency of new three-dimensional elements and structural details for industrial buildings. K. Kucherenko, A. Liberman. Prom. stroit. i inzh. soor. 6 no. 4:4-8 Ji-Ap '64.
- KIEV HYDROELECTRIC POWER STATION**
 Experience in the installation and block formation of large precast reinforced concrete section plates at the Kiev Hydroelectric Power Station. A. A. Kotelnikov, G. F. Maidanik. Energ. stroit. no. 40:29-36 '64.
- KIEV HYDROELECTRIC POWER STATIONS—DAMS**
 Hydraulic conditions for the pioneering method of damming the Dnieper riverbed at the site of the Kiev Hydroelectric Power Station. V. U. Iabloniskii. Energ. stroit. no. 3:65-68 '65.
- KIEV HYDROELECTRIC POWER STATION—DESIGN AND CONSTRUCTION**
 Organization of the construction operations at the Kiev hydroelectric power center. G. I. Stokov and others. Energ. stroit. no. 2:34-42 '65.
- KIEV HYDROELECTRIC POWER STATION—SHORING AND UNDERPINNING**
 Construction of an abutment from reinforced concrete slabs cast in a plant. B. G. Chebotkov, A. M. Chernukhin. Energ. stroit. no. 2:62-69 '65.
- KIEV PROVINCE—HYPHOMYCETES**
 Water hyphomycetes of the southern part of Kiev Polesye. I. A. Dudka. Bot. zhur. 51 no. 4:562-567 Ap '64.
- KIEV PROVINCE—LUMBERING—MACHINERY**
 Large bundle loading by the traction force of logging trucks. V. P. Levchenko. Lis., pap. i der. prom. no. 2:3-4 Mr-Ap '66.
- KIEV PROVINCE—WHEAT—FERTILIZERS AND MANURES**
 Use of fertilizers for winter wheat in Chernozem meadow soils of Kiev Province. G. K. Sul'zhenko. Khim. v sel', khoz. 4 no. 5:8 My '66.
- KILNS**
 Intensifying the firing of dinas brick in gas chamber kilns. I. P. Tshin, I. D. Sizov. Ogneupory 31 no. 5:29-33 '66.
 Selecting the elements of gas burners in converting tunnel kilns to natural gas heating. E. Sh. Sheinman. Sbor. trud. VNIISTROM no. 5:131-138 '65.
- KILNS, ROTARY**
 Selecting the lining material of rotary kilns for roasting perlite. N. S. Manuilova, N. N. Sergeev. Sbor. trud. VNIISTROM no. 5:115-130 '65.
 Study of the performance of rotary kilns with supporting rings during the production of keramzit. A. V. Iudina, E. Sh. Sheinman. Sbor. trud. VNIISTROM no. 5:38-40 '65.
- KIMBERLITE** see subdivision under Yakutia
- KINASES**
 Properties of NAD-kinase from the pigeon liver. V. I. Nemchinskaya and others. Biokhimiia 31 no. 2:306-314 Mr-Ap '66.
- KINDERGARTENS**
 Journey into the fairy-tale world has started! V. V. V. mrskaia. Doshk. vosp. 39 no. 4:87 Ap '66.
 Large-panel buildings for kindergarten and nursery. G. Lebedev, A. Piatkovskii. Stroit. i arkh. 14 no. 4:10-12 Ap '66.
- KINDERGARTENS—DESIGN AND CONSTRUCTION**
Smolenskaya, R. M., and K. I. Luchina. [Hygienic problems in the planning of preschool institutions] Gigeneticheskie voprosy pri proektirovanii doshkol'nykh uchrezhdenii. Moskva, Meditsina, 1968. 141 p.
- KINEMATIC GEOMETRY**
 Surfaces carrying a continuum of nets of a quant-transformation. L. T. Molotnyi. Ukr. geom. sbor. no. 1:75-84 '65.
- KINEMATICS**
Antonov-Romanovskii, V. V. [Kinetics of the photoluminescence of crystal phosphors] Kinetika fotoluminescentii kristallofosforov. Moskva, Nauka, 1966. 323 p.
 Equilibrium figures of closed ring-shaped current-carrying surfaces in a gas in the case of surface tension. P. Kh. Byrney, I. M. Matora. Zhur. tekhn. fiz. 35 no. 10:1762-1766 O '65.
 Screw surfaces of quasi-translations and their relation to plane kinematics. I. A. P. Blank, E. A. Kosachevskaya. Ukr. geom. sbor. no. 1:3-11 '65.
 Some relationships in kinetics and their stochastic interpretation. E. K. Kudinov, I. U. A. Firsov. Fiz. teorii i eks. 8 no. 3:666-679 Mr '66.
- KINESHMA DISTRICT—DISABILITY EVALUATION**
 Three years later. A. Tiurin. Sots. obsch. 41 no. 5:21-31 My '66.
- KIRENSK HYDROELECTRIC POWER STATION REGION—GEOLOGY, STRATIGRAPHIC**
 Pliocene sediments in the Kirensk Hydroelectric Power Station region. E. A. Minina. Trudy Leningradskogo gos. univ. 2:100-104 '65.
- KIRGHIZISTAN—FRUIT—DISEASES AND PESTS**
 Enemy is retreating. E. Khomko, Zashch. rast. 11 no. 5:46 '66.
- KIRGHIZISTAN—GOITER**
 Endemic goiter in Kirghizistan and prospects for its elimination. I. K. Akhunbaev. Probl. endok. i gorm. 10 no. 2:10-14 Mr-Ap '64.
- KIRGHIZISTAN—INSURANCE, SOCIAL—EMPLOYEES**
 When they search... N. Rulev. Sots. obsch. 41 no. 5:12-14 My '66.
- KIRGHIZISTAN—PLANT INTRODUCTION**
 Introducing trees and shrubs into the nut and fruit forest zone of southern Kirghizistan. K. F. Faizuldaev. Biol. Glav. bot. sada no. 59:15-17 '65.
- KIRGHIZISTAN—PLANTS, PROTECTION OF**
 With the plant protection teams of Kazakhstan and Kirghizistan. I. U. Nelpert. Zashch. rast. 11 no. 5:18-20 '65.

KIRGHIZISTAN—RADIO CLUBS

Radio amateurs of Kirghizistan should receive more attention. A.Grif. Radio no.12:15-16 D '65.

KIRGHIZISTAN—RODENTS

Akademii nauk Kirgizskoi SSR, Frunze. Institut biologii. [Injurious rodents of Kirghizia; population problems] Vrednye gryzuny Kirgizii; voprosy chislennosti. Frunze, Ilim, 1966. 122 p.

KIRGHIZISTAN—STONE IMPLEMENTS

New finds from the Stone Age in southern Kirghizia, IU, A. Zadneprovskii, V. A. Ivanov. Biol. Kom. chety. per. no.32:125-128 '66.

KIROV, SERGEI MIRONOVICH, 1886-1934

Krasnikov, S. V. [S. M. Kirov in Leningrad] S. M. Kirov v Leningrade. [Leningrad] Lenizdat, 1966. 196 p.

KIROV PROVINCE—BOTANY

Three new plant species for Kirov Province. F. A. Aleksandrov. Bot. zhur. 51 no.4:583 Ap '66.

KIROV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

[Outline history of the Kirov Organization of the CPSU] Ocherki istorii Kirovskoi organizatsii KPSS. [Kirov] Volgo-Viat'skoe knizhnoe izd-vo. Pt.1. 1898-1918. 1965. 507 p.

KIROV PROVINCE—RURAL LIBRARIES

We try to improve the network of rural libraries. V. Permiakova. Bibliotekar' 43 no.5:46-49 My '66. Zonal libraries. L. Cherepanova. Bibliotekar' 43 no.5:50 My '66.

KIROV PROVINCE—SAVINGS BANKS—AUDITING AND INSPECTION

Organization of accounting and control in savings banks. P. Suchkov, A. Krutkov, I. Tlapugin. Den, i kred. 24 no.5:50-51 My '66.

KIROVAKAN—TEXTILE FIBERS, SYNTHETIC

Introducing a method of flawless production of synthetic fibers. V. Akinov. Prom. Arm. 9 no.2:42-43 F '66. Utilizing capacities at the Kirovakan Synthetic Fiber Plant. V. Akinov. Prom. Arm. 9 no.3:48-50 Mr '66.

KIROVOGRAD PROVINCE—CORIANDER

From the experience of growing coriander in Kirovograd Province. L. A. Savenko. Masl. zhiv. prom. 32 no.4:26-27 Ap '66.

KIROVOGRAD PROVINCE—INDUSTRIAL HYGIENE

When everyone is an enthusiast. S. Knaak, M. Lutskevich. Okhr. truda i sots. strakh. 8 no.3:15 Mr '65.

KITCHEN FURNITURE see subdivision under Dubrovka region (Leningrad Province)

KIZHI ISLAND—ARCHITECTURAL MUSEUMS

Muho, L. M., ed. [Kizhi, the island of treasures; the Kizhi museum-preserve of national wood architecture and ethnography of the Karelian A.S.S.R.: guidebook] Kizhi - ostrov sokrovishch; Kizhskii muzei-zapovednik narodnogo derevianogo zodchestva i etnografii Karelskoe ASSR: putevoditel'. V sost. primn. uchastii: V. P. Orfinskii i dr. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 71 p. illus.

KIZIL KUM see Kyzyl Kum

KJERULF, HALFDAN, 1816-1868

Halfdan Kjerulf and his songs. R. Leites. Sov. muz. 30 no.4:119-123 Ap '66.

KLEBSIELLA

Survival of the Frisch-Volkovich bacilli in an external environment. A. P. Krasnikova, N. A. Izrael'. Zhur. mikrobiol., epid. i immun. 41 no.7:152-153 Ji '64.

KLYSTRONS

Production of electron bunches of minimum extension, allowance made for the effect of a space charge in a klystron-type buncher. V. A. Galkov, B. A. Snedkov. Zhur. tekhn. fiz. 35 no.10:1767-1770 O '65.

KNEE—DISEASES

Chondromatosis of the knee joint. A. G. Sadykhov. Vest. khir. 96 no.4:88-91 Ap '66.

KNEE—TUBERCULOSIS

Case of a tuberculous lesion of the bursa mucosa of the knee joint. A. A. Arenberg. Probl. tub. no.5:84 '64. Case of atypical course of tuberculosis of the knee joint. A. I. A. Shukhin. Probl. tub. 42 no.6:77-78 '64.

KNIT GOODS

Interrelation of the parameters of knit goods loop structure in unidimensional stretching. L. P. Ignatova. Tekst. prom. 26 no.5:67-71 My '66.

KNIT GOODS—QUALITY CONTROL

Expert appraisal of the quality of knit goods. F. Alekserov. Sov. tor. 38 no.5:48-50 My '66.

KNIT GOODS INDUSTRY

Economic efficiency of the use of cotton and lavsan blend yarn in the manufacture of knit underwear. L. G. Pronkina. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.2:3-9 '66.

KNIT GOODS INDUSTRY—MANAGEMENT

Organization of work and industrial aesthetics in a knit goods factory. L. I. Kovarskaya. Tekst. prom. 26 no.5:71-74 My '66.

KNOWLEDGE, THEORY OF

Aref'eva, G. S., and E. N. Lyamankin. [The theory of knowledge in dialectical materialism] Teoriia poznanii dialektsicheskogo materializma. Red. A. F. Zotov. Moskva, Mosk. energ. in-t, 1966. 32 p.

Borodai, I. M. [Imagination and the theory of knowledge; a critical essay on the Kantian theory of the productive power of imagination] Vozbrazhenie i teoriia poznaniia; kriticheski ocherk kantovskogo ucheniia o produktivnoi sposobnosti voobrazheniia. Moskva, Vysshaya shkola, 1966. 149 p.

KNYAZHAYA GUBA HYDROELECTRIC POWER STATION—ENGINEERING GEOLOGY

Conditions of the Knyazhaya Guba Electric Power Station on the Kovda River from the viewpoint of engineering geology. A. M. Lomtadze. Trudy Leningradskoi 2:67-79 '65.

KOBAYASHI, TAKIJI, 1903-1933

Chegodar', N. I. [Kobayashi Tajiki; his life and work] Kobayashi Tajiki; zhizn' i tvorchestvo. Moskva, Nauka, 1966. 95 p.

KOBYSTAN—GEOLOGY, STRUCTURAL

Tectonic conjugation and formation of the Silkchagiri and Sheytanovsk anticlinal folds in the boundaries of central Kobystan. R. A. Alakhorov, S. G. Gannov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.6:13-10 '64.

KOKCHETAV—MEAT INDUSTRY—MANAGEMENT

When sense of responsibility is lost. G. Sadomov. Nar. khoz. Kazakh. 24 no.4:37-40 Ap '66.

KOKCHETAV UPLAND—GEOCHEMISTRY

Landform-geochemical studies in the Kokchetav Upland (the Virgin Territory). M. A. Khvostaleva. Vest. Mosk. un. Ser. 5:Geog. 20 no.2:73-74 Mr-Apr '65.

KOKCHETAV UPLAND—LANDFORMS

Landform-geochemical studies in the Kokchetav Upland (the Virgin Territory). M. A. Khvostaleva. Vest. Mosk. un. Ser. 5:Geog. 20 no.2:73-74 Mr-Apr '65.

KOKOREKIN, ALEKSEI ALEKSEEVICH, 1906-1959

Kokorekin, A. A. [Exhibition of the works of Honored Artist of the R. S. F. S. R., State Prize laureate, artist Aleksei Alekseevich Kokorekin, 1906-1959; a catalog] Vystavka rabot zasluzhennogo delatelya iskusstva RSFSR, laureata Gosudarstvennykh premii khudozhnika Alekseia Alekseevicha Kokorekina, 1906-1959; katalog. Moskva, Sovetskii khudozhnik, 1965. 29 p. illus.

KOLA PENINSULA—BLASTING—EQUIPMENT AND SUPPLIES

Further developments in boring and blasting operations at the Kola Peninsula mines. N. P. Shumkov, A. T. Sereida. Gor. zhur. no.5:38-40 My '66.

KOLA PENINSULA—GEOLOGY

Akademii nauk SSSR. Kol'skii filial, Kirovsk. [Formation of the relief and Quaternary sediments of the Kola Peninsula] Formirovaniye rel'efa i chetvertichnykh otlozhenii Kol'skogo poluoostrova. Moskva, Nauka, 1966. 131 p.

KOLA PENINSULA—GEOLOGY—BIBLIOGRAPHY

Akademii nauk SSSR. Kol'skii filial, Kirovsk. Biblioteka. [Kola Peninsula; a bibliography index of Soviet literature, 1946-1955; Geology] Kol'skii poluoostrov; bibliograficheski ukazatel' sovetskoi literatury, 1946-1955 gg.: Geologiya. Sost. L. B. Petrovskaya. Apatity, 1961. 46 p. (CU)

KOLA PENINSULA—MINE MANAGEMENT

Approximate determination of the cost of recovery in the economic evaluation of insufficiently prospected deposits. E. I. Markenzon, M. I. Shiban, V. A. Antonenko. Razved. i okh. nadr 31 no.8:31 S '65.

KOLA PENINSULA—ROCKS—ELASTIC PROPERTIES

Elastic properties of rocks in the northern part of the Kola Peninsula. O. K. Voronkov, IU. E. Akatov. Trudy Leningradskoi 2:153-159 '65.

KOLA PENINSULA—SEISMIC PROSPECTING

Vertical gradient of the velocity of seismic waves in marines. O. K. Voronkov, IU. E. Akatov. Trudy Leningradskoi 2:150-152 '65.

KOLBE, ROBERT WILLIAM, 1882-1960

Scientific activity of R. W. Kolbe. A. P. Zhurav, A. I. Proshkina-Lavrenko. Bot. zhur. 51 no.2:305-306 F '66.

KOLESNIKOVA, NADEZHDA NIKOLAEVNA, 1882-1964

Kolesnikova, N. N. [Along the paths of the underground; reminiscences] Po dorogam podpol'ia; iz vospominanii. Baku, Azernesht, 1966. 310 p.

KOLKHOZES see Collective farms

KOLOSOVSKII, NIKOLAI NIKOLAEVICH, d. c. 1954

Meeting devoted to the memory of N. N. Barnaskii and N. N. Kolosovskii. V. G. Krut'kov. Vest. Mosk. un. Ser. 5:Geog. 20 no.2:83-84 Mr-Apr '65.

KOMI A. S. S. R. —LUMBERING

Sachinikov, V. G. [In an advanced logging camp] V pereodovom ispravokhoze. Moskva, Gosleskhizdat, 1963. 28 p. (NHD)

KOMI A. S. S. R. —THEATER

Popova, S. M. [Pages from the history of komi theater] Stranitsy istorii komi teatra. Syktyvkar, Komi knizhnoe izd-vo, 1965. 95 p.

KONAKOVO (KALININ PROVINCE)—BOILERS—DESIGN AND CONSTRUCTION

Construction of the PK-41 boiler. S. A. Sokolov. Energ. stroit. no.3:46-51 '65.

KONAKOVO (KALININ PROVINCE)—ELECTRIC POWER PLANTS

Assembling riverbank pumping station No. 1. IU, F. Zhulin. Energ. stroit. no.3:33-39 '65.

Assembling the installations of the mazut supply unit. M. I. Adler. Energ. stroit. no.3:25-30 '65.

Installation of pipework for ultrahigh pressure. N. V. Serov. IU, I. Khodolov. Energ. stroit. no.3:51-55 '65.

Installation of the turboaggregate for the first block. V. I. Balanchevadze. IU, I. Moshina. Energ. stroit. no.3:39-46 '65.

Precast monolithic foundation for the 300 mw turboaggregate. S. M. Tsatitskii. Energ. stroit. no.3:30-33 '65.

Welding operations at the installation of fittings of the first block. G. M. Ginzburg, B. M. Reva. Energ. stroit. no.3:55-64 '65.

KONAKOVO (KALININ PROVINCE)—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Construction of the main building. I. P. Basyk. Energ. stroit. no.3:20-25 '65.

Decisions concerning the project. I. A. Nekrashevich. Energ. stroit. no.3:9-14 '65.

Organization of the construction work. A. I. Vasil'ev. Energ. stroit. no.3:14-20 '65.

KONAKOVO (KALININ PROVINCE)—STEAMPIPES

Installation of pipework for ultrahigh pressure. N. V. Serov. IU, I. Khodolov. Energ. stroit. no.3:51-55 '65.

KONAKOVO (KALININ PROVINCE)—STEAMPIPES—WELDING

Welding operations at the installation of fittings of the first block. G. M. Ginzburg, B. M. Reva. Energ. stroit. no.3:55-64 '65.

KONAKOVO (KALININ PROVINCE)—TURBOGENERATORS

Installation of the turboaggregate for the first block. V. I. Balanchevadze. IU, I. Moshina. Energ. stroit. no.3:39-46 '65.

KONDA RIVER—REGULATION

Establishing convenient routes for the towing of rafts. V. Degtiarov, M. Mianikov. Rech. transp. 23 no.2:34-38 F '64.

KONDOPOGA (KARELIA)—WOODPULP INDUSTRY

Vann, IU. P., and A. F. Jarvovi. [With young lands] Rukami nuolodyini. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 104 p. (CSI-II)

KONRAD, NIKOLAI IGOR'OVICH, 1891-

A few words about Nikolai Igorevich Konrad; on his seventy-fifth birthday. A. N. Kononov. Izv. AN SSSR. Ser. lit. i jaz. 25 no.2:164-166 Mr-Apr '66.

KOPETDAG—GEOLOGY, STRATIGRAPHIC

First finds of the Paleolithic in the Central Kopet-Dag. B. K. Luzgin, V. A. Ranov. *Ibid. Kom. chetv. per.* no. 32:87-95 '66.

KOPETDAG—LANDFORMS

Methodology of the correlation of the elements of the relief and the Neogene and Quaternary molasses of the central Kopetdag. B. K. Luzgin, L. M. Rastvetnev. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 5:33-40 My '66.

KOPETDAG—MOLASSES

Methodology of the correlation of the elements of the relief and the Neogene and Quaternary molasses of the central Kopetdag. B. K. Luzgin, L. M. Rastvetnev. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 5:33-40 My '66.

KOPETDAG—SNAKES

Distribution and ecology of some snake species in central Kopetdag. Ch. Atayev. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 2:87-93 '66.

KOPETDAG REGION—EARTH—SURFACE

Structure of the earth's crust and the upper part of the mantle based on data of deep seismic sounding in the Kopetdag and Aral Sea regions. V. Z. Rinbol. *Sov. geol.* 9 no. 5:159-162 My '66.

KOPTELOV, AFANASII LAZAREVICH, 1903-

Ianovskii, N. N. [Afanasi Koptelov; a critical and biographical study] Afanasi Koptelov; kritiko-biograficheski ocherk. Moskva, Sovetskii pisatel', 1966. 154 p.

KORCHUGANOVA, GALENA

Outflying the wind. A. Vinokurov. *Kryl. rod.* 16 no. 4: 17-10 Ap '65.

KOREA, NORTH—GEOLOGY

Akademii nauk SSSR. Sibirskoe otdelenie. Dal'nevostochnyi geologicheskii institut. [Geology of northeastern Korea and the southern part of the Maritime Territory] Geologicheskoe stroenie Severo-Vostochnoi Korei i Uga Primor'ia. Moskva, Nauka, 1966. 304 p.

Akademii nauk SSSR. Sibirskoe otdelenie. Dal'nevostochnyi geologicheskii institut. [Igneous activity and minerals of northeastern Korea and the southern part of the Maritime Territory] Magmatizm i poleznye iskopaemye Severo-Vostochnoi Korei i Uga Primor'ia. Moskva, Nauka, 1966. 222 p.

KOSTROMA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Try to acquire knowledge and extend your experience! M. Blakh. *Part. zhizn'* no. 12:41-43 Je '66.

KOSTROMA—EXCAVATING MACHINERY INDUSTRY

Bedov, P., and N. Tumanov. [Kostroma Excavator Plant] *Kostromskoi ekskavatornyi. Kostroma [Verkhne-Volzhskoe knizhnoe izd-vo]* 1965. 53 p.

KOSTROMA PROVINCE—BONES—TUBERCULOSIS

Work experience in the department of osteoarticular tuberculosis of the Kostroma Province Hospital. V. I. Bachev. *Probl. tub.* no. 9:18-20 '64.

KOSTROMA PROVINCE—JOINTS—TUBERCULOSIS

Work experience in the department of osteoarticular tuberculosis of the Kostroma Province Hospital. V. I. Bachev. *Probl. tub.* no. 9:18-20 '64.

KOSTROV, ANATOLI IGNAT'EVICH, 1908-

Anatoli Ignat'evich Kostrov. Khim. volok. no. 3:70 '66.

KOTLAS (ARCHANGEL PROVINCE)—WOODPULP INDUSTRY

On the basis of accumulated experience. E. Trilapitsyn. *Na stroi. Ros.* 7 no. 4:8-9 Ap '66.

KOTLOVINA REGION (UKRAINE)—RODENTS, FOSSIL

New species of fossil Microtinae from Lower Quaternary sediments in the southwestern part of the Ukraine (Kotlovina). L. P. Aleksandrova. *Ibid. Kom. chetv. per.* no. 3:40-45 '66.

KOTSUBYNS'KYI, IURI MYKHAILOVYCH, 1896-

Iaroshenko, A. D. Iuri Mykhailovich Kotsubyn's'kyi. Kyiv, Politydav Ukrainy, 1965. 123 p. (Bortai za Veliku spravu) (NcU)

KOTSUBYNS'KYI, MYKHAILO, 1864-1913

V. I. Lenin and M. M. Kotsubyn's'kyi. S. H. Lavrov. *Ukr. ist. zhur.* 10 no. 5:12-24 My '66.

KOVAL', ALEKSANDR MATVEEVICH

A farmer. A. Sinichenko. *Agitator* 34 no. 11:19-20 Je '66.

KOVALEVSKII, EGOR PETROVICH, 1811-1868

New materials on E. P. Kovalevskii's journey to Egypt, eastern Sudan, and western Ethiopia. B. A. Vap'skain. *Strany i nar. Vost.* no. 4:180-197 '65.

KOVTURMAN, NIKOLAI SAVVICH, 1894-

Nikolai Savvich Kovturman: on his 70th birthday. IU, K. Mrovtortsev, P. K. Shaposhnikov. *Vop. kur., flizioter. i lech. fiz. kul't* 29 no. 5:473 S-O '64.

KRAPIVA, KANDRAT, pseud.

Kazoka, Ianka. [Kandrat Krapiva; critical and biographical sketch] Kandrat Krapiva; krytyka-biografichny narys. [Minsk] Belarus' [1965] 166 p. (InU)

KRASNODAR—CLOTHING INDUSTRY—MANAGEMENT

For economies on a large and small scale. A. Kuznetsov, M. Degtiareva. *Shvein. prom.* no. 2:31 Mr-Apr '66.

KRASNODAR—REFRIGERATION AND REFRIGERATING MACHINERY—MAINTENANCE AND REPAIR

Improve the training of young personnel. A. Patrikeev. *Sov. torg.* 39 no. 5:37-58 My '66.

KRASNODAR TERRITORY—CORN (MAIZE)—DISEASES AND PESTS

Corn rust. E. Rudnev, A. Motovilov. *Zashch. rast.* 11 no. 5:56 '66.

KRASNODAR TERRITORY—FIELD CROPS—FERTILIZERS AND MANURES

Effect of trace elements on the yield of farm crops in Krasnodar Territory. E. V. Tonkonozhenko. *Khim. v sel. khoz.* 4 no. 5:9-14 My '66.

KRASNODAR TERRITORY—GALLINETS

Gall midge Contarinia tritici. L. Lashuk, I. Mareev. *Zashch. rast.* 11 no. 5:55 '66.

KRASNODAR TERRITORY—IRRIGATION FARMING

We develop irrigation farming. V. Belousov, A. Artsyba-shev. *Part. zhizn'* no. 11:28-32 Je '66.

KRASNODAR TERRITORY—LEPTOSPIROSIS

Retrospective diagnosis as a method of epidemiological examination of leptospirosis foci in Krasnodar Territory. IU, M. Strigushchenko, P. M. Baryshev. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:88-92 Ag '66.

KRASNODAR TERRITORY—OIL WELLS—FIRES AND FIRE PREVENTION

Pacifier of fiery fountains. V. Kirsanov. *Neftianik* 10 no. 5:12-14 My '65.

KRASNODAR TERRITORY—TREES—DISEASES AND PESTS

Tree diseases in "Krasnyy Les." IU, V. Sinadskii. *Biul. Glav. bot. sada* no. 59:83-88 '65.

KRASNODAR TERRITORY—WORLD WAR, 1939-1945

At the forefront of the masses. R. Usikov. *Voen.-ist. zhur.* 8 no. 5:100-104 My '66.

KRASNOYARSK—LIBRARIES AND READERS

Individual approach to each group of readers. I. Maloletkova. *Bibliotekar'* 43 no. 5:13-14 My '66.

KRASNOYARSK HYDROELECTRIC POWER STATION—BORING

Boring of cementation shafts by using roller bits of small diameter at the construction of the Krasnoyarsk Hydroelectric Power Station. M. G. Abramson, N. G. Morgunov, E. S. Redreev. *Energ. stroi.* no. 3:68-72 '65.

KRASNOYARSK HYDROELECTRIC POWER STATION—GRANITE

Characteristics of granites in the basement of the Krasnoyarsk Hydroelectric Power Station from the viewpoint of engineering geology. A. I. Sizov. *Trudy Lengidrop-roekta* 2:29-41 '65.

KRASNOYARSK HYDROELECTRIC POWER STATION—ICE

Passage of ice through the partly constructed installations of the Krasnoyarsk Hydroelectric Power Station in the spring of 1963. N. M. Sokol'nikov. *Trudy Lengidrop-roekta* 2:182-187 '65.

KRASNOYARSK TERRITORY—AERONAUTICS, COMMERCIAL

Combat efficiency. V. Gorski. *Grazhd. av.* 23 no. 6:5 Je '66.

KRASNOYARSK TERRITORY—HYDROLOGY

Rated hydrograph of high water for the design of the Sayan-Shush' Hydroelectric Power Station. V. E. Litubimov. *Trudy Lengidrop-roekta* 2:174-181 '65.

KRASNOYARSK TERRITORY—LIBRARIES

Effective and well-planned work. L. Pervushina. *Bibliotekar'* 43 no. 5:30-31 My '66.

KRASNOYARSK TERRITORY—MEDICINE, INDUSTRIAL

On the shores of the Yenisey. A. Tsessnarskii. *Okhr. truda i zots. strakh.* 8 no. 3:10-12 Mr '65.

KRASNOYARSK TERRITORY—OLIVINES

Determination of the temperatures of the formation of olivines in the Bor-Uryakh Massif using the theory of similarity. A. K. Sa'ko. *Geol. i geofiz.* no. 2:125-129 '66.

KREMLIN see Moscow—Kremlin

KRETINGA DISTRICT—FOR FARMING

Quantity and quality. I. Bartravicius. *Sov. potreb. koop.* 10 no. 5:14 My '66.

KRETINGALE REGION (LITHUANIA)—SWINE

Danta, Klemensas. [Toward the third step; achievements of swine breeders of the Kretingale State Farm] I tre-ciaja pakopa; Kretingales tarybinio uktio kiauuli auginto-ju pasekimai. Vilnius, Valsybine poth, ir mokslines lit-ros leidykla, 1963. 21 p. (Sociatistinio kaimo svy-turiai) [In Lithuanian] (DNAL)

KREUTZWALD, FRIEDRICH REINHOLD, 1803-1882

Estonian S. S. R. Kultuuriministeerium. [Dr. Fr. R. Kreutzwald Memorial Museum] Dr. Fr. R. Kreutzwaldi memorialmuuseum. Voru, 1965. 54 p. [In Estonian]

KRICHEVSKII, IL'IA L'VOVICH, 1884-1937

Life of the Honored Scientist Prof. I. L. Krichevskii; on the 80th anniversary of his birth. O. G. Birger, A. V. Kaitov, Zhur. mikrobiol., epid. i immun. 41 no. 8:120-122 Ag '64.

KRIVVOY ROG BASIN—BOLTS AND NUTS

Practices in using field connections on high-strength bolts. IU, I. Zybin and others. *Prom. stroi.* 43 no. 5: 27-30 '66.

KRIVVOY ROG BASIN—CAISSONS

Efficient methods for carrying out and organizing operations on large caissons. V. Topchii. *Prom. stroi. i inzh. soor.* 6 no. 3:38-43 My-Je '64.

KRIVVOY ROG BASIN—CORDIERITE

Optically positive cordierite in the northern part of the Krivoy Rog Basin. B. I. Horoshnikov, L. D. Iurlov. *Dop. AN URSR* no. 4:519-523 '68.

KRIVVOY ROG BASIN—GAS PIPES

Assembly of gas piping by the transverse-member balance method. V. Kurliand. *Prom. stroi. i inzh. soor.* 6 no. 4:62-63 Jl-Ag '64.

KRIVVOY ROG BASIN—IRON MINES AND MINING—SCHEDULING

Building of the "Zaria" Mine according to network scheduling. A. G. Gorelykh, L. I. Kostelov. *Shakht. stroi.* 10 no. 4:22-23 Ap '66.

KRIVVOY ROG BASIN—IRON ORES

Reducing the cost of ores in strip mining in the Krivoy Rog Basin. V. A. Panov and others. *Gor. zhur.* no. 5: 6-10 My '66.

KRIVVOY ROG BASIN—IRON ORES—ANALYSIS

Analyzing the character of the distribution of metal in Krivoy Rog iron hornstones. K. P. Nikolaev, IU, L. Gritsal. *Gor. zhur.* no. 5:10-14 My '66.

KRIVVOY ROG BASIN—MAGNETITE—CRUSHING AND GRINDING

An efficient flow sheet of the first stage of crushing finely impregnated magnetite quartzites at the Southern Mining and Ore Dressing Combine. S. I. Zhuravlev, M. P. Bozhko. *Obog. rud.* 11 no. 1:17-20 '66.

KRIVVOY ROG BASIN—ORE DRESSING PLANTS—EQUIPMENT AND SUPPLIES

Flotation of oxidized quartzites of the Southern Mining and Ore Dressing Combine. F. N. Bolash, Kh. U. Koval'-chuk, O. V. Pugina. *Gor. zhur.* no. 5:55-58 My '66.

KRONSTADT, RUSSIA—REVOLT, 1921

To the heroes who died for their country. N. K. Iurkovskii. *Sudostroenie* 56 no. 3:81-82 Mr '66.

KROPYVNYTS'KYI, MARKO LUKYCH, 1840-1910

Kritoka, A.S., P.P. Okhrimenko, and N.N. Shalutashvili. [K.L. Kropyvnyts'kyi in White Russia, Georgia, and Moldavia; from the history of the theatrical ties of the Ukraine with White Russia, Georgia, and Moldavia] M. L. Kropyvnytskii v Belorussii, Gruzii i Moldavii; iz istorii teatral'nykh svyazei Ukrainy s Belorussiei, Gruziei i Moldaviei. Kishinev, Partincoe Izd-vo TsK KP Moldavii, 1966. 69 p.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939
An outstanding party worker; for the 95th anniversary of N. K. Krupskaya's birth. A. Koptseva. Agitator no. 3: 7-9 F '64.

KUDAN—THEATER

Theater in the Kuban. G. Kinelev. Teatr 25 no. 9:34-36 S '64.

KUDRIN, SERGEI ALEKSANDROVICH, 1903-1965

Sergei Aleksandrovich Kudrin; an obituary. Pochvovedenie no. 3:110-119 My '66.

KUIBYSHEV, VALERIAN VLADIMIROVICH, 1888-1935

Kuibysheva, Elena. [Valerian Vladimirovich Kuibyshev; a sister's reminiscences] Valerian Vladimirovich Kuibyshev; vospominaniia sestry. Moskva, Gos. Izd-vo det-skoi lit-ry, 1959. 188 p. (Shkol'naya biblioteka) (OU)

Kuibysheva, G.V., and others. [Valerian Vladimirovich Kuibyshev; a biography] Valerian Vladimirovich Kuibyshev; biografiia. Moskva, Politizdat, 1966. 358 p.

KUINDZHI, ARKHIP IVANOVICH, 1842-1910

Kuindzhi, A.I. Arkhip Ivanovich Kuindzhi. Leningrad, Sovetskii khudozhnik [1965] 1 v. (chertyi titus.)

KUKHAREV, GRIGORI NIKANOROVICH

In block 506. Ivan Afonin. Sov. voen 40 no. 8:34-36 Ap '66.

KULOY VALLEY (ARCHANGEL PROVINCE)—MARL

Soils on olivine red-colored marls. A. L. Parshavnikov. Pochvovedenie no. 5:28-34 My '66.

KULZHINSKII, SERGEI PANTELEIMONOVICH, 1880-1947

Sergei Panteleimonovich Kulzhinskii. E. I. Bolko. Vest. sel'khoz. nauk 11 no. 4:116-118 Ap '66.

KUMISS

Biological value of cow kumiss. I. D. Boenko, V. S. Tsentina. Vop. pit. 23 no. 4:92-93 Ji-Ag '64.

KUMISS—THERAPEUTIC USE

Mare's kumiss as a valuable therapeutic product. M. N. Karnaukhov. Vop. pit. 23 no. 4:89-90 Ji-Ag '64.

Preserve and develop the kumiss cure and do not replace it by substitutes. I. A. Saigin. Vop. pit. 23 no. 4:90-91 Ji-Ag '64.

KURA LOWLAND—GEOLOGY, STRUCTURAL

Some characteristics of the formation of the fold structure of the Lower Kura Lowland during the Pliocene-Quaternary. K. A. Ismailov, Sh. S. Kochurik. Izv. AN Azerb. SSR. Ser. geol. i geol. nauk no. 4:10-10 '65.

KURA LOWLAND—TRACE ELEMENTS

Geochemical characteristics of the Akchagy' sediments in the northern margin of the Kura Lowland. A. D. Sultanov, Z. M. Alizade. Izv. AN Azerb. SSR. Ser. geol. i geol. nauk no. 3:67-72 '64.

KURAMA RANGE—GEOLOGICAL TIME

New data on the age correlations of dikes of diabase porphyrites and some hydrothermal formations of the Kurama Range. P. S. Kozlova, V. N. Levin, E. P. Sotushkin. Geol. rud. mestorozh. 8 no. 1:68-82 Ja-F '65.

KURAMA RANGE—GEOLOGY, STRATIGRAPHIC

Stratigraphy of volcanic sedimentary formations in the central part of the northern slope in the Kurama Range. M. Kh. Kadyrov, I. M. Mirkhodzhaev. Uzb. geol. zhur. 10 no. 2:37-46 '66.

KURAMA RANGE—ORE DEPOSITS

Genesis of quartz-ore veins in the Kurama Range. M. I. Moiseeva. Uzb. geol. zhur. 10 no. 2:50-59 '66.

KURAMA RANGE—PORPHYRITES

New data on the age correlations of dikes of diabase porphyrites and some hydrothermal formations of the Kurama Range. P. S. Kozlova, V. N. Levin, E. P. Sotushkin. Geol. rud. mestorozh. 8 no. 1:68-82 Ja-F '65.

KURAMA RANGE—QUARTZ

Genesis of quartz-ore veins in the Kurama Range. M. I. Moiseeva. Uzb. geol. zhur. 10 no. 2:50-59 '66.

KURDS

(see also subdivision under Armenia; Transcaucasia)
Nikitine, Basile. [Kurds. Translated from the French] Kurdy. Vstup. stat'ia i red. I. O. Farizova. Moskva, Progress, 1964. 431 p. (PSI)

KURGAN PROVINCE—SUGAR BEETS—FERTILIZERS AND MANURES

Effect of boron, copper, manganese, and cobalt on the yield and quality of sugar beets in Kurgan Province. M. P. Savchenko, Sh. M. Vol't. Agrokhimia no. 5:90-98 My '66.

KURGANSK DISTRICT—BAKES

Toward new achievements. V. Polunin. Sov. potreb. koop. 10 no. 5:12-13 My '66.

KURILE ISLANDS—ORE DEPOSITS

Ore mineralization of Quaternary age in the Kurile Islands. I. L. Neverov, O. A. Khedchenia. Geol. rud. mestorozh. 8 no. 1:106-107 Ja-F '66.

KURSK—EDUCATION

From our practices. T. Shalokhina. Nar. obr. no. 5:26-27 My '66.

KURSK MAGNETIC ANOMALY—IRON MINES AND MINING—EQUIPMENT AND SUPPLIES

Assembling equipment complexes for stripping operations at the Mikhaylovka Iron Ore Combine. M. D. Podolskii. Shakht. stroit. 10 no. 4:18-21 Ap '66.

KURSK MAGNETIC ANOMALY—ORE DRESSING PLANTS—EQUIPMENT AND SUPPLIES

Studying the reverse flotation of the Mikhaylovka deposit quartzites by an anion collector. L. T. Ozolin. Gor. zhur. no. 5:58-61 My '66.

KURSK MAGNETIC ANOMALY—PROSPECTING—GEOPHYSICAL METHODS

Studying by the method of ultra-sound the residual high-grade ores and ferruginous quartzites in the Gostshechevo deposit of the Kursk Magnetic Anomaly. L. D. Goslavskaya, R. V. Kholmakii. Izv. vys. ucheb. zav.: geol. i razv. 9 no. 5:67-72 My '66.

KURSK MAGNETIC ANOMALY—STRIP MINING

Boring and blasting operations at the Lobedi open-pit mine of the "KMaruda" Combine. A. I. Popov. Vzyv. delo no. 59:10:101-103 '66.

KURZHUMANOV, KASHAGAN, 1941-1920

New data on Kashagan's work. K. Sydikov. Izv. AN Kazakh. SSR. Ser. obshechestv. 4 no. 2:55-62 Mr-Ap '66.

KUSTANAY PROVINCE—SOILS

Akademiia nauk Kazakhskoi SSSR, Alma-Ata. Institut pochvovedeniia. [Soils of the Kazakh S.S.R. in 10 numbers] Pochvy Kazakhskoi SSR v 10 vypuskakh. Alma-Ata, Nauka.

No. 6. Evstifeev, I. G. [Soils of Kustanay Province] Pochvy Kustanayskoi oblasti. 1966. 414 p.

KUSTANAY PROVINCE—SUSLIK

Greater suslik (Cytisus major) in Kustanay Province. R. A. Alimbaev. Vest. sel'khoz. nauk [Kazakh.] 9 no. 4:102-107 Ap '66.

KUSTODIEV, BORIS MIKHAILOVICH, 1878-1927

Lebedev, V. E. [Boris Mikhailovich Kustodiev; paintings drawings, theater, books and prints] Boris Mikhailovich Kustodiev; zhivopis', risunki, teatr, kniga, estamp. Moskva, Nauka, 1966. 241 p. illus.

KUTASI—HISTORICAL MUSEUMS

Kutaisi. Gosudarstvennyi istoriko-etnograficheskii muzei. [Kutaisi State Historical and Ethnographic Museum; a guidebook] Kutaiskii Gosudarstvennyi istoriko-etnograficheskii muzei; putevoditel'. Tbilisi, Subchato Sakartvelo, 1965. 47 p.

KUTORGA, MIKHAIL SEMENOVICH, 1890-1956

The problem of ancient slavery in M. S. Kutorga's works. A. D. Konstantinova. Vop. ist. vseobshch. ist. no. 1:58-68 '64.

KUYBYSHEV—ASH (TECHNOLOGY)

Using ash of a heat and electric power plant at brick factories in Kuibyshev. V. P. Gornyykh, A. S. Pankratov. Stroit. mat. 12 no. 4:21-22 Ap '66.

KUYBYSHEV—GUIDEBOOKS

[The city of Kuibyshev; a guidebook] Gorod Kuibyshev; putevoditel'. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1966. 31 p. illus.

KUYBYSHEV HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (Lenin)

KUYBYSHEV PROVINCE—AGRICULTURE—ECONOMIC ASPECTS

Meshcherov, V. I. [Always with the grain growers] Vsegda s khiborobami. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1965. (CSI-II)

KUYBYSHEV PROVINCE—INSURANCE, SOCIAL

Business talk. A. Trofimov. Sots. obesp. 41 no. 5:22-24 My '65.

KUYBYSHEV PROVINCE—PETROLEUM INDUSTRY

The plan for 1966, the first year of the new five-year plan, will be fulfilled ahead of time. A. Smirnov. Neftianik 11 no. 5:4-5 My '66.

KUYBYSHEV PROVINCE—POSTERS

Visual propaganda at a building site. B. Kashurin. Part. zhizn' no. 11:49-51 Je '66.

KUYBYSHEV PROVINCE—SAVINGS BANKS

Current problems. V. Ivanov. Den. i kred. 24 no. 5:57-59 My '66.

KUYBYSHEV RESERVOIR—FISHERIES

More intensive use of fish resources in Kuibyshev Reservoir. V. A. Nazarenko. Ryb. khoz. 42 no. 4: 25-27 '66.

KUYBYSHEV RESERVOIR REGION—BOTANY—ECOLOGY

Using the characteristics of vegetation in photographic interpretation of landslide forms at the Kuibyshev Reservoir. R. P. Savet'eva. Bot. zhur. 51 no. 4:546-550 Ap '66.

KUYBYSHEV RESERVOIR REGION—LANDSLIDES

Using the characteristics of vegetation in photographic interpretation of landslide forms at the Kuibyshev Reservoir. R. P. Savet'eva. Bot. zhur. 51 no. 4:546-550 Ap '66.

KUZNETSK ALATAU—MANGANESE ORES

Khodak, I. A., V. P. Bakhtanov, and V. A. Eroshchev-Shuk. [Manganese deposits in the Kuznetsk Alatau] Mestorozhdeniia manganitsy Kuznetskogo Alatau. Moskva, Nauka, 1966. 101 p. illus.

KUZNETSK ALATAU—PHOSPHORITES

Phosphorite-bearing volcanic sedimentary formation of the Kuznetsk Alatau. A. K. Mkrtch'yan. Geol. i geofiz. no. 2:39-48 '66.

KUZNETSK BASIN—COAL

Change in the composition of ash from certain Kuznetsk Basin coals depending on the temperature. N. A. Smal'skii, A. G. Merkulov, M. S. Sharlovskaya. Metod. izuch. veshch. sost. i ikh prim. no. 1:98-98 '65.

X-ray examination of the ash from certain oxidized Kuznetsk Basin coals. A. G. Merkulov, N. A. Smal'skii, M. S. Sharlovskaya. Metod. izuch. veshch. sost. i ikh prim. no. 1:78-87 '65.

KUZNETSK BASIN—COAL MINES AND MINING

Complete development of mining areas at the Kalina mine. V. I. Staritsov, V. P. Krikunov. Ugol' 41 no. 5:21-24 My '66.

KUZNETSK BASIN—GEOLOGY, STRATIGRAPHIC

Some problems of the stratigraphy of Lower Carboniferous sediments in the Kuznetsk Basin. G. P. Radchenko. Trudy VSEGEI 115:27-40 '65.

KUZNETSK BASIN—HYDRAULIC MINING—EQUIPMENT AND SUPPLIES

Hydromechanizers are making water work in the strip mines of the Kuznetsk Basin. I. U. Selivanov. Sov. shakht. 15 no. 5:12-13 My '66.

KUZNETSK BASIN—STRIP MINING

Overburden from the Prokop'yevsk-Kiselevsk coal strip mines in the Kuznetsk Basin used for mine filling. S. I. Rodionov. Izv. vys. ucheb. zav. p. gor. zhur. 9 no. 4:13-10 '65.

KVASNIKOV, EVGENII IVANOVICH, 1906-

Evgenii Ivanovich Kvasnikov; on his 60th birthday. Mikrobiol. zhur. 28 no. 3:93-96 '66.

KVASNIKOV, VASILII VASIL'EVICH, 1880-1965

Vasilii Vasil'evich Kvasnikov; an obituary. Vest. sel'khoz. nauk 10 no. 12:153 D '65.

KYMOGRAPHY

Significance of dye dilution curves in hemodynamic studies on rheumatic lesions of the heart. R. S. Vinitakina, B. M. Kostuchenok. Kardiologiya 4 no. 2:25-30 Mr-Ap '64.

KYUROVDAG OIL FIELD—GAS, NATURAL—ANALYSIS

Geochemical characteristics of casinghead gases of the Kyurovdag oil field. R. A. Guseinov. Dokl. AN Azerb. SSR 21 no. 12:15-19 '65.

KYURSANGYA OIL FIELD—PETROLEUM PRODUCTION

We are developing a new oil-bearing area. K. Bezirov. Neftnik 10 no. 5:6-8 My '65.

KYZYL KUM—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Cretaceous sediments in the Kyzyl Kum. V. A. Zagoruko and others. Izv. AN Kazakh SSR, Ser. geol. 23 no. 1:52-55 Ja-F '66.

KYZYL KUM—GEOLOGY, STRUCTURAL

Recent tectonic movements in Kyzyl Kum. G. A. Mavlianova, G. F. Tetukhin. Uzb. geol. zhur. 10 no. 2:88-89 '66.

KYZYL KUM—GERBILS AS CARRIERS OF DISEASE

Quantitative characteristics of the developmental conditions of the plague epizooty in greater gerbils. I. S. Soldatkin and others. Zool. zhur. 45 no. 4:481-486 '66.

KYZYL KUM—MARINE SEDIMENTS

Correlation of marine Paleogene sediments of the Aral Sea region and Kyzyl Kum according to Foraminifera. M. I. Martynova, E. M. Sekunova. Izv. AN Kazakh SSR, Ser. geol. 23 no. 1:56-59 Ja-F '66.

KYZYL-ORDA PROVINCE—THEILERIASIS

Epizootology and treatment of animals with theileriasis. S. K. Svanbaev, I. Isakov. Veterinaria 43 no. 5:39-40 My '66.

LABELS

Label writing. V. A. Lanina. Farmatsev. zhur. 10 no. 2:85 '64.

LABOR (OBSTETRICS)

Dynamics of the fibrinogen and prothrombin content of the blood during childbirth and the early postpartum period. A. M. Efendieva. Azerb. med. zhur. 42 no. 5: 26-32 My '65.

Rhythm synchronization reaction in the electroencephalogram in women during labor. L. I. Lebedeva. Fiziol. zhur. 51 no. 2:173-180 F '65.

LABOR, COMPLICATED

Pregnancy and labor in women with neurophthie hemorrhagic diathesis. I. R. Zak. Probl. gemat. i perel. krovi 11 no. 4:62-63 Ap '66.

LABOR AND LABORING CLASSES

(see also subdivision under Germany; Moscow; Siberia; United States)

Busy routine of the planet. Sov. profsoyuz 22 no. 9:39-40 My '66.

Kapelian, E. Kh. [Overcoming the essential differences between intellectual and physical work] Preodolenie sushchestvennykh razlichii mezhdu umstvennyim i fizicheskim trudom. Minsk, Nauka i tekhnika, 1960. 136 p.

[Problems of the formation of the new type of Soviet worker under conditions of automation] Voprosy formirovaniya novogo tipa sovetskogo rabotnika v usloviyakh avtomatizatsii; sbornik statei. [Sarator] Izd-vo Saratovskogo univ., 1965. 106 p.

Zaglad, N. G. [Life, work, and thoughts] Zhizn', trud, razdum'ia. Kiev, Gos. izd-vo polit. lit-ry USSR, 1963. 114 p.

(NIC)

LABOR AND LABORING CLASSES—EDUCATION

subdivision under Siberia; Soviet Far East; Ural Mountain region

LABOR AND LABORING CLASSES—MEDICAL CARE

subdivision under Lithuania

LABOR DISCIPLINE

Bypassing the law. IA. Kirpota. Sov. shakht. 15 no. 4: 26-27 Ap '66.

How to improve labor discipline in a comradesly manner. IA. I. Stekin, A. V. Frolov. Sov. gos. i pravo 36 no. 5: 119-123 My '66.

Is the director right? I. Korshunov. Agitator 34 no. 11: 13-16 Je '66.

What Comrade Davletov can't understand. IA. Skliarevskii. Sov. profsoyuz 22 no. 9:42-43 My '66.

LABOR LAWS AND LEGISLATION

Baru, M. I. [How Soviet laws protect the good name of workers] Okhrama trudovoi chesti po sovetskomu zakonodatel'stvu. Moskva, Iuridicheskaya literatura, 1966. 101 p.

Consultation on the problems of labor legislation. Razved. i okh. nedr. 31 no. 9:59-60 S '65.

Diamonds from work. Sov. profsoyuz 22 no. 9:44-46 My '66.

How public prosecutors supervise the observance of labor laws. N. M. Sadrnova. Sov. gos. i pravo 36 no. 5:194-195 My '66.

Amesfield, G. M. [Cases in Soviet civil and labor law] Sbornik zadach po sovetskomu grazhdanskomu i trudovomu pravu. Izd. 2., perer. Moskva, Ekonomika, 1966. 126 p.

Leningrad. Universitet. [Soviet labor law] Sovetskoe trudovoe pravo. [Leningrad] Izd-vo Leningr. univ., 1966. 374 p.

Material incentives and the problems of labor law. D. V. Shvetser. Sov. gos. i pravo 36 no. 5:41-49 My '66.

More attention to measures aiming at the prevention of violation of labor laws. N. Sergeeva. Sov. iust. 30 no. 9:4-5 My '66.

Shukhin, V. E. [What communication workers should know about the fundamental problems of labor; a manual] Chto nuzhno znat' rabotnikam svyazi po osnovnym voprosam trudovogo zakonodatel'stva; spravochnik. Moskva, Svyaz', 1966. 87 p.

Survey of labor legislation. Sots. trud. 11 no. 5:143-145 '66.

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR PASSPORTS

Check the imprint of seals and stamps on labor documents. A. Gusev, P. Pavlichenkov. Sots. obshch. 41 no. 5:54-56 My '65.

LABOR PRODUCTIVITY see subdivision under Lithuania

LABOR SUPPLY see subdivision under Soviet Far East

LABORATORIES—DESIGN AND CONSTRUCTION

Laboratory buildings of small capacity. A. D. Kniazev. Izv. vys. ucheb. zav.; stroit. arkhit. 9 no. 2:122-131 '66.

LABYRINTH (EAR)

Physiology of nystagmus. V. A. Kisliakov. Fiziol. zhur. 50 no. 3:1073-1078 S '61.

Structure of the osseous labyrinth of the internal ear of a horse. N. A. Krivosheina. Trudy Mosk. vet. akad. 10:292-296 '56.

Vegetable reactions to the stimulation of the labyrinth in hypertension patients treated with inhalation of vapors of sulfide water. A. A. Kravchenko. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 3:398-400 S-O '64.

Vestibular disturbances in brain concussions of various localization. A. P. Kotova. Vop. neirokhir. 28 no. 3: 12-16 My-Je '64.

LABYRINTH (EAR)—INNERVATION

Interaction of analyzers following adequate stimulation of the vestibular apparatus in dogs. V. N. Barnatskii. Biol. eksp. biol. i med. 58 no. 12:31-35 D '64.

LABYRINTH (EAR)—SURGERY

Changes in optokinetic nystagmus following labyrinthectomy. V. P. Neverov. Fiziol. zhur. 50 no. 9:1079-1082 S '64.

LACQUER AND LACQUERING

Lacquer coatings for parquet floors. IU. Krivda. Stroit. i arkhit. 14 no. 4:32 Ap '66.

LACTAMS

Synthesis and modification of fiber-forming polymers of acrylonitrile-containing vinyl lactam linkers. G. I. Kudriavtsev and others. Khim. volok. no. 3:12-15 '66.

LACTATION

Effect of a tranquilizer of the phenothiazine series (phyrathazine) and dibenamine during early pregnancy in lactescent and nonlactescent mice. D. A. Nitshtinskaya, IU. D. Baevskii. Dokl. AN SSSR 168 no. 1:244-246 My '66.

Origin of phospholipids in milk. I. G. Rogal'. Fiziol. zhur. 51 no. 2:263-268 F '65.

Radioactive iodine in the evaluation of the functional state of the thyroid gland in lactating women. B. L. Gurtovoi. Probl. endok. i gorm. 10 no. 2:14-18 Mr-Ap '64.

LACTIC ACID BACTERIA

Mitochondrial analogs in a facultative aerobe Lactobacillus delbrueckii. V. I. Birluzova, E. S. Nikitina. Mikrobiologiya 35 no. 2:291-295 Mr-Ap '66.

LACTIC DEHYDROGENASES

Quantitative determination of lactic dehydrogenase isoenzymes in starch gel electrophoresis. IU. A. Rirkov, V. V. Alatyrtsev. Vop. med. khim. 12 no. 3:292-294 My-Je '66.

LACTOGLOBULINS

Study of nonspecific and specific antiparatyphoid lactoglobulins. A. F. Babash. Veterinaria 43 no. 5:26-28 My '66.

LACTOSE

Significance of vitamin B₁₂ in the nutrition of experimental animals put on a soya-lactose diet. O. I. Penar. Vop. pit. 23 no. 4:55-58 Ji-Ag '64.

Studying the causes of lactose sedimentation in canned sweetened condensed milk. V. N. Favstova, V. G. Skoromnikova, N. A. Pometova. Trudy VNIMI [Mol.] no. 23:31-48 '65.

LADOGA, LAKE—SEDIMENTATION AND DEPOSITION

Semenovich, N. I. [Bottom deposits of Lake Ladoga] Donnye otlozheniya Ladozhskogo ozera. Moskva, Nauka, 1966. 122 p.

LADYBIRDS see subdivision under White Russia

LAGENIDAE, FOSSIL see subdivision under Sikhote-Alin Range

LAKOBA, NESTOR APOLLONOVICH, 1893-1936

Brazhba, Mikhail. Nestor Lakoba. Tbilisi, Sabcheta Skartvelo, 1965. 57 p.

LAMBLIASIS see Giardiasis

LAMBES

Results of the raising and preservation of lambs. G. K. Roman'ko. Veterinaria 42 no. 4:7-10 Ap '66.

LAMBS—DISEASES AND PESTS

Clinical and morphological characteristics of anaerobic dysentery in lambs. P. D. Ustarkhanov. Veterinaria 42 no. 4:37-40 Ap '66.

Diplococcal infection in lambs. M. I. Grigor'yan. Veterinaria 42 no. 4:41-42 Ap '66.

LAMELLIBRANCHIATA see subdivision under Soviet Far East

LAMINAR FLOW

Laminar electrohydrodynamic flow in a shallow diffuser allowing for barodiffusion of a space charge. A. M. Mkhitarian, V. A. Kas'lanov. Zhur. tekhn. fiz. 36 no. 5: 860-867 My '66.

LAMINATED METALS

Characteristics of manufacturing bimetal shapes by the hot extrusion method. A. N. Chernov, S. A. Golovanenko, V. V. Gufiaev. Sbor. trud. TSNICHM no. 42:92-100 '65.

Deformation of the layers of shaped two-layer steel; for the cutting elements of soil cultivating equipment. S. A. Golovanenko and others. Sbor. trud. TSNICHM no. 42:23-33 '65.

Effect of hydrogen on two-layer steel. N. N. Kolgatala, V. P. Todorovich, V. I. Deriabina. Khim. i neft. mashinost. no. 5:12-14 My '66.

The flow of a bimetal layer between two plates. O. S. Kolesnikova. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5: 120-123 '66.

Hydrogen resistance of bimetal. IU. I. Archakov. Zhur. prikl. khim. 38 no. 8:1754-1760 Ag '65.

Production of two-layer stainless steel by pack rolling. S. A. Golovanenko and others. Sbor. trud. TSNICHM no. 42:5-9 '65.

Rolling of a three-layer band nickel - steel - nickel. L. V. Meandrov and others. Sbor. trud. TSNICHM no. 42:70-76 '65.

Rolling the titanium - iron bimetal. T. K. Aleksandrova, A. M. Kanunnikova. Sbor. trud. TSNICHM no. 42:77-84 '65.

Rolling thick steel - monel alloy sheet on the 2000 mill. S. A. Golovanenko and others. Sbor. trud. TSNICHM no. 42:59-63 '65.

Studying the strength of layer cohesion in the hot extrusion of a bimetal. A. N. Chernov, S. A. Golovanenko, V. V. Gufiaev. Sbor. trud. TSNICHM no. 42:101-106 '65.

Technology of producing two-layer sheet steel by pack rolling. D. I. Pirizhev and others. Sbor. trud. TSNICHM no. 42:10-13 '65.

Two-layer thin-sheet steel for the woodworking industry. L. V. Meandrov and others. Sbor. trud. TSNICHM no. 42:64-69 '65.

LAMINATED METALS—METALLOGRAPHY

Investigating the microstructure and the phase constitution of the diffusion layer in the bimetal St. 3 steel - copper. G. A. Kokorin, V. A. Usatimenko. Sbor. trud. TSNICHM no. 42:110-114 '65.

Studying the transition layer in the iron - titanium bimetal. G. A. Kokorin, T. K. Aleksandrova. Sbor. trud. TSNICHM no. 42:115-119 '65.

X-ray spectroscopy of the boundary zone in a bimetal. S. B. Maslennikov, S. A. Golovanenko, V. A. Usatimenko. Sbor. trud. TSNICHM no. 42:107-109 '65.

LAMINATED METALS—STANDARDS

New standards for hot-rolled, two-layer, corrosion-resistant steel plate. T. K. Aleksandrova, I. A. Balakina, A. M. Kamanikova. *Sbor. trud. TSNIICM* no. 42:127-132 '65.

LAMINATED METALS—TESTING

The mechanical properties of bimetal. A. L. Btrulin, L. T. Timoshuk. *Sbor. trud. TSNIICM* no. 42:120-124 '65.

Studying deformation and strength of cohesion of the layers of a bimetal steel-copper during hot rolling. V. A. Ustinenko, S. A. Golovnenko, L. V. Meandrov. *Sbor. trud. TSNIICM* no. 42:14-22 '65.

LAMPREYS see subdivision under Dnieper River

LAMPROMPHIRES see subdivision under Karabau Valley

LAND CLEARING see Clearing of Land

LANDFORMS

(see also subdivision under Karabakh Upland; Karelia; Kokchetav Upland; Kopetdag; Nagorno-Karabakh Autonomous Province; Talysh Mountains; Ural Mountain region)

Preobrazhenskii, V.S. [Landform studies] *Landshaftnye issledovaniia*. Moskva, Nauka, 1966. 126 p.

LANDFORMS—MAPS

(see also subdivision under Daghestan)

Technology of making maps with artistic representation of landforms. A. D. Kopylova. *Geod. i kart.* no. 3:57-61 Mr '66.

LANDLORD AND TENANT see subdivision under Kazakhstan

LANDSCAPE ARCHITECTURE

Design practice of landscape architecture in rebuilt areas of large cities. N. N. Khomutetskina. *Izv. vys. ucheb. zav. i stroi. i arkhit.* 9 no. 3:121-127 '66.

LANDSCAPE GARDENING

(see also subdivision under Lugansk Province; Mangyshlak Peninsula)

Prospects for the use of quince in landscape gardening. S. V. Klimentenko-Shaidarova. *Biol. Glav. bot. sadu* no. 59: 26-30 '65.

LANDSCAPE PAINTING, LITHUANIAN

Savickas, Augustinas. [Lithuanian landscape paintings] *Peizazas Lietuvos tapyboje*. Vilnius, Vaga, 1965. 326 p. illus. [In Lithuanian]

LANDSLIDES see subdivision under Kuybyshev Reservoir region

LANGUAGE AND LANGUAGES

Golovin, B. N. [Introduction to linguistics] *Vvedenie v iazykoznanie*. Moskva, Vysshiaia shkola, 1966. 331 p.

Retrospective study of the culture of language. V. G. Kostomarov. *Izv. AN SSSR, Ser. lit. i iz.* 25 no. 2:81-86 Mr-Apr '66.

[What is new in linguistics] *Nov. v ling.* no. 4 '66.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and Languages

LANGUAGE AND LANGUAGES—DICTIONARIES—BIBLIOGRAPHY see Bibliography—Language and Languages—Dictionaries

LANGUAGE AND LANGUAGES—HOMONYMS

Arsen'eva, M. G., T. V. Stroeva, and A. P. Klazanovitch. [Polysemantics and homonymy] *Mnogoznachnost' i omonimii*. [Leningrad] Izd-vo Leningr. univ., 1966. 129 p.

LANGUAGES, MODERN

Degtereva, T. A., ed. [Language and style] *Iazyk i stil*. Moskva, Mysl', 1965. 237 p.

LANGUAGES, MODERN—STUDY AND TEACHING

Rot, A. M. [Cybernetics, programming and the use of audio-visual aids in the teaching of foreign languages; a report at the All-Union Conference on Problems in Programming and the use of Technical Means in the Educational Process] *Kibernetika, programmirovaniie i ispol'zovanie tekhnicheskikh sredstv v obuchanii inostrannym iazykam; doklad na Vsesoiuznoi konferentsii po voprosam programmirovaniia i ispol'zovaniia tekhnicheskikh sredstv v uchebnoi protsessu*. Uzhgorod, Uzhgorodskii gos. univ., 1966. 22 p.

LANTHANIDES see Rare earths

LANTHANUM COMPOUNDS

Reaction of lanthanum with alizarin S and o-hydroxyquinoline. L. S. Serdluk, S. M. Lazarina. *Zhur. neorg. khim.* 11 no. 5:1142-1147 My '66.

LANTHANUM GERMANIDE

Chemical properties of lanthanum germanides. M. D. Liutala, A. B. Goncharuk. *Ukr. khim. zhur.* 32 no. 5: 433-436 '66.

LANTHANUM NITRATES

Kinetics of the re-extraction of nitrates of some metals from alkylphosphoric solutions into water. Part 2: Systems La(NO₃)₃ · 3H₂O + diluent. V. S. Fedorov, M. P. Pushlenkov. *Radiokhimiia* 8 no. 2:136-139 '66.

LARCH see subdivision under Ural Mountain region

LARCH—FROST RESISTANCE see subdivision under Archangel Province

LARKSPUR see Delphinium

LARVAE—AMPHIBIANS

Mechanism of food grasping in Urodela larvae. A. S. Severtsov. *Dokl. AN SSSR* 168 no. 1:230-233 My '66.

LARYNX—CANCER

Convergent X-ray therapy of cancer of the larynx. S. I. A. Val'sevich, M. I. Garbuzov, V. O. Kalina. *Vest. rent. i rad.* 41 no. 2:73-77 Mr-Apr '66.

Doroshenko, I. T. [Cancer of the larynx; early diagnosis, treatment, and prevention] *Rak gortani; rannaia diagnostika, terapiia i profilaktika*. Khar'kov, Khar'kovskii gos. med. in-t, 1959. 268 p. (DNLM)

X-ray diagnosis of cancer of the larynx. S. A. Arustamian. *Zhur. eksp. i klin. med.* 6 no. 1:65-71 '66.

LASERS

Autoresonance feedback in lasers. V. S. Letokhov. *Pis'. v red. Zhur. eksp. i teoret. fiz.* 3 no. 10:412-416 My '66.

Design of a laser with a passive shutter. A. L. Mikaellan, V. G. Savilev, I. G. Turkov. *Radiotekh. i elektron.* 11 no. 5:946-947 My '66.

Determining the electron temperature and concentration in an arc plasma from the Thomson scattering of laser radiation. G. M. Malyshev and others. *Dokl. AN SSSR* 168 no. 3:554-555 My '66.

Discrimination of nonaxial modes in open quasioptical systems. V. S. Averbakh, S. N. Vlasov, V. I. Tolonov. *Radiotekh. i elektron.* 11 no. 5:943-945 My '66.

Dynamics of the generation of a gigantic coherent light pulse. V. S. Letokhov, A. F. Suchkov. *Zhur. eksp. i teoret. fiz.* 50 no. 4:1148-1155 Ap '66.

Effect of excitation diffusion on conditions of multimodal generation. B. L. Livshits, S. N. Stollarov, V. N. Tskunov. *Dokl. AN SSSR* 168 no. 1:72-75 My '66.

Fedorov, B. F. [Lasers] *Opticheskie kvantovye generatory*. Moskva, Energiia, 1966. 80 p. (Massovaiia radiofizika, no. 605)

Forced Mandelstam - Brillouin scattering in a quartz single crystal in the temperature range of 2.1 - 300° K. S. V. Krivokhizha and others. *Pis'. v red. Zhur. eksp. i teoret. fiz.* 3 no. 9:378-382 My '66.

Industrial applications of lasers. A. Vasil'ev, V. Riasik. *Radio* no. 12:3-5 D '66.

A laser operating on a GaPAs₂-x solid solution with excitation by a fast electron beam. N. G. Basov and others. *Fiz. tver. tela* 8 no. 5:1341-1342 My '66.

Luminescence of chlorophyll excited by a ruby laser. G. I. Kobyshev, G. N. Lialin, A. N. Terenin. *Dokl. AN SSSR* 168 no. 1:68-71 My '66.

Modulation of light with a 3.2, cm, wave. V. A. Dianova, E. R. Maestl, V. N. Parygin. *Radiotekh. i elektron.* 11 no. 5:947-949 My '66.

Photoconductivity of dielectrics as stimulated by laser radiation. V. S. Dneprovskii, D. N. Klyshko, A. N. Pannin. *Pis'. v red. Zhur. eksp. i teoret. fiz.* 3 no. 10:395-399 My '66.

Photoconductivity of ruby under powerful irradiation from a ruby laser. T. P. Belikova, E. A. Sviridenkov. *Pis'. v red. Zhur. eksp. i teoret. fiz.* 3 no. 10:394-398 My '66.

Semiclassical theory of lasers. A. K. Popov. *Izv. vys. ucheb. zav. i fiz.* 9 no. 2:18-24 '66.

Semiconductor laser on a p - n-junction in the system InAs_{1-x}Sb_x. N. G. Basov and others. *Fiz. tver. tela* 8 no. 4:1060-1063 Ap '66.

Some characteristics of coherent radiation from gallium antimonide diodes in a laser. I. V. Krivokhizha and others. *Fiz. tver. tela* 8 no. 4:1028-1034 Ap '66.

Statistical effects appearing in the generation of optical harmonics. S. A. Akhmanov and others. *Zhur. eksp. i teoret. fiz.* 50 no. 4:829-843 Ap '66.

Steady-state oscillations in a laser. A. I. Alekseev, I. A. Tarasov. *Fiz. tver. tela* 8 no. 3:696-704 Mr '66.

Theory of unattenuated intensity pulsations of lasers. N. G. Basov, V. N. Morozov, A. N. Orlovskii. *Dokl. AN SSSR* 168 no. 3:550-553 My '66.

LATERAL STABILITY OF AIRPLANES see Stability of airplanes, Lateral

LATHES—NUMERICAL CONTROL

Modernization of the semiautomatic hydrocopying machine. P. I. Saxelevich. *Prom. Bel.* 9 no. 1:32-33 Ja '66.

LATIN AMERICA—ECONOMIC POLICY

Economic integration in Latin America and a new phase of contradictions. Z. I. Romanova. *Nov. i noveish. ist.* no. 3:73-83 '66.

LATIN AMERICA—FOREIGN RELATIONS—UNITED STATES

Some problems concerning the political strategy and tactics of U.S. imperialism in Latin America. V. G. Koronov. *Nov. i noveish. ist.* no. 3:37-46 '66.

LATIN AMERICA—HISTORY

Barclomé de las Casas, the accuser of Spanish colonizers. V. L. Afanas'ev. *Nov. i noveish. ist.* no. 3:60-72 '66.

LATIN AMERICA—INVESTMENTS, AMERICAN

Khiachatur, K. A. [Culpits of the Latin American drama] *Vzvodnyi latino-amerikanskoi dramy*. Moskva, IMO, 1966. 111 p.

LATIN AMERICA—POLITICS

Problems of political democracy and the forms of government in the countries of Latin America. N. N. Razumovich. *Sov. gos. i pravo* 36 no. 5:100-106 My '66.

LATIN AMERICA—POLITICS—CONGRESSES

Akademii nauk SSSR. Institut Latinskoi Ameriki. [Latin America and present-day international relations; scientific conference] *Latinskaiia Amerika i sovremennye mezhduarodnye otnosheniia; nauchnaia konferentsiia*. [Moskva, 1965] 46 p. (NNC)

LATIN LANGUAGE—DICTIONARIES—GEORGIAN

[Brief Latin-Georgian dictionary] *Kratkii latinsko-gruzinskii slovar'*. [By] S. G. Kauchelishvili. Tbilisi, Izd-vo Tbilisskogo gos. univ., 1959. 173 p. (CLU)

LATTICE THEORY

Projection of lattices. N. D. Filippov. *Mat. sbor.* 70 no. 1:36-54 My '66.

LATVIA—AGRICULTURE—TEACHER TRAINING

In the Ministry of Agriculture of the Latvian S.S.R. *Sred. spets. obr.* 13 no. 4:41 Ap '66.

LATVIA—BOOK PLATES

Dahis Rozkalns' exhibits. E. Terokhov. *Kafiz. zhorg.* 17 no. 5:44-45 My '66.

LATVIA—CONSTRUCTION INDUSTRY

In the State Committee on Construction of Latvia. *Blat. stroi. tekhn.* 27 no. 3:35 Mr '65.

LATVIA—CONTRACTS, AGRICULTURAL

The new contractual agreement in operation. V. Koshelev. *Zakup. sel'khoz. prod.* no. 4:15-18 Ap '66.

LATVIA—ECONOMIC CONDITIONS

Strong through the union of nations. A. Voss. *Aghator* 34 no. 10:14-19 My '66.

LATVIA—FACTORIES—DESIGN AND CONSTRUCTION

Measures for the improvement of working conditions in the Latvian S.S.R. *Tekh. est.* no. 2:32 F '65.

LATVIA—FISH PONDS

Engols, K. [Let's develop pond fish culture] *Atlatisim diktatim ieciba*. Riga, Liesma, 1965. 68 p. [In Latvian]

LATVIA—FOLK ART—EXHIBITIONS

Em. Melngailis Tautas mākslas mums. [Exhibition of folk art devoted to the 25th anniversary of Soviet Latvia; a catalog] *Padomju Latvijas 25. gadadienai veltita Tautas mākslas izstade; katalogs, Vyslavka narodnogo iskusstva, posviashehonnaiia 25-letiiu Sovetskoi Latvii; katalog*. Riga, Zvaigzne, 1965. 229 p. [Parallel texts in Latvian and Russian]

LATVIA—GEOLOGY, STRATIGRAPHIC

Main features of the geological evolution of western Latvia in the early Paleozoic. V. Karpitskii. *Izv. AN Est. SSR, Ser. fiz. -mat. i tekhn. nauk* 15 no. 1:134-143 '66.

LATVIA—INDUSTRIAL HYGIENE

Good working conditions at the service of health and industrial hygiene. A. Voss. *Okhr. truda i sots. strakh.* 8 no. 3:1-2 Mr '65.

LATVIA—MATHEMATICS

Mathematics in Soviet Latvia. A. J. Lusis, L. F. Reizins, F. J. Riekstins. *Usp. mat. nauk* 21 no. 2:248-254 Mr-Apr '66.

LATVIA—PUBLISHERS AND PUBLISHING

Realizability of plans is the most important factor. M. Kincis. *Knizhtorg.* 17 no. 3:34-36 My '66.

LATVIA—WORLD WAR, 1939-1945

Belevitnev, R. A., and A. F. Los'. [A fortress without fortifications; pages from the history of the heroic defenses of Liepaja.] *Krepost' bez fortov; stranitsy gerolcheskoi oborony Liepai.* Moskva, Voenizdat, 1966. 214 p.

LATVIAN LITERATEURS see Litterateurs, Latvian

LAUNDRIES

Russia (1923- U.S.S.R.) *Gosudarstvennyi komitet po delam stroitel'stva.* [Construction specifications and regulations.] *Stroitel'nye normy i pravila.* Moskva, Gosstroizdat.

Pt. 2, Sec. L. Ch. 14. [Laundries; specifications for designs.] *Prachechnye; normy proektirovaniia (SNIP II-L. 14-62).* 1963. 12 p.

LAVA see subdivision under Orup Island

LAVENDER (PLANT)

Is there a need to propagate lavender by seeds? V. I. Mashanov. *Masl.-zhir. prom.* 32 no. 4:28-29 Ap '66.

LAVRENT'EV, SERAFIM EVGEN'EVICH, 1908-

Serafim Evgen'evich Lavrent'ev; on his 60th birthday. *Lit. proizv.* no. 4:41 Ap '66.

LAW see subdivision under Armenia; Azerbaijan; Lithuania; White Russia

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

[Bulletin of the Supreme Court of the R. S. F. S. R.] *Blul. Verkh. Suda RSFSR* no. 6 '66.

LAW—PHILOSOPHY see subdivision under United States

LAW SCHOOLS

A conference on educational methods used in the correspondence schools of law. O. F. Shishov. *Sov. gos. i pravo* 34 no. 5:133-134 My '66.

LAWYERS see subdivision under Leningrad

LAZAREV, NIKOLAI VASIL'EVICH, 1895-

Nikolai Vasil'evich Lazarev; on his 70th birthday. S. D. Zaugol'nikov and others. *Farm. i toks* 29 no. 2:251-252 Mr-Apr '66.

LEACHING

Effectiveness of the summer and winter leaching of salinized soils. A. K. Levkovskii. *Gidr. i mel* 18 no. 5:25-32 My '66.

LEAD

Artificial tellurate of lead. R. N. Zar'ian. *Izv. AN Arm. SSR, Nauki o zem.* 19 no. 1:2:163-165 '66.

LEAD—ANALYSIS

Determination of pyromorphite in the presence of galenite. B. S. Khristoforov. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:45-51 '65.

LEAD—METALLURGY

Causes for the high silver content in slags from the cupellation of silver-bearing lead. I. A. Stroitelev, I. I. Kershanskii, N. P. Pestunova. *TSvet. met.* 39 no. 5:48-53 My '66.

LEAD—TOXICOLOGY see Lead Poisoning

LEAD ORES

Determination of pyromorphite in the presence of galenite. B. S. Khristoforov. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:45-51 '65.

LEAD PLATING

Electrochemical behavior of elements in small and ultra-small concentrations in solution. Part I. Dependence of the potential of lead deposition on platinum and gold electrodes on the concentration of Pb²⁺ in solution. D. M. Ziv and others. *Radiokhimiia* 8 no. 2:197-206 '66.

Electrochemical behavior of elements in small and ultra-small concentrations in solution. Part 2: Deposition of lead on graphite electrodes. D. M. Ziv and others. *Radiokhimiia* 8 no. 2:206-210 '66.

LEAD POISONING

Fate of calcium disodium salt of ethylene diaminetetraacetic acid in the body depending on various ways of its introduction. S. I. Ashbel', R. G. Khil', S. P. Sha-trova. *Farm. i toks* 29 no. 2:235-237 Mr-Apr '66.

Hygienic standards in concurrent pollution of reservoirs with mercury and lead. S. A. Fridland. *San. okhr. vod. ot zagr. prom. stoch. vod.* no. 7:232-246 '65.

LEAD SALTS

Coulometric metalimetry. Coulometric plumbometric determination of anions. P. S. Tutundzic, D. J. Stojkovic. *Zhur. anal. khim.* 21 no. 4:436-442 '63.

Use of some lead salts in X-ray examination of the lymphatic system. N. N. Krjukov. *Trudy Mosk. vet. akad.* 10:148-151 '56.

LEAD SULFIDES—PHOTOELECTRIC PROPERTIES

Photoconductivity and surface photo-e. m. f. of epitaxial levels of lead sulfide. T. T. Bykova. *Fiz. tver. tela* 8 no. 3:952-957 Mr '66.

LEAD TELLURIDES

Structure of the valence band in heavily doped lead telluride. S. V. Alapetants and others. *Fiz. tver. tela* 8 no. 5:1336-1340 My '66.

LEAD TELLURIDES—THERMOELECTRIC PROPERTIES

Hall coefficient and thermo-e. m. f. in PbTe in a strong magnetic field. E. G. Streichenko. *Fiz. tver. tela* 8 no. 3:965-966 Mr '66.

Use of the method of measuring the thermo-e. m. f. in a strong magnetic field in studying the nonparabolicity of the conduction band in PbTe. I. N. Dubrovskaya, I. I. Ravich. *Fiz. tver. tela* 8 no. 5:1455-1460 My '66.

LEAF BEETLES see subdivision under Ukraine

LEAF MINERS

Spinach leaf miner in Rostov Province. V. Minoranskii. *Zashch. rast.* 11 no. 5:53-54 '66.

LEAF ROLLERS see subdivision under Moldova

LEAF ROLLERS—EXTERMINATION

(see also subdivision under Leningrad Province)

Effectiveness of chlorophos against the green oak roller and the moth *Operoptera brumata*. S. S. Logoida. *Khim. v sel', khoz.* 4 no. 5:29-30 My '66.

LEAF RUST OF WHEAT

Transformation of pyrocemic acid in wheat leaves infected with leaf rust of wheat. N. B. Popova. *Vest. sel', khoz. nauki* 11 no. 4:100-103 Ap '66.

LEAFBUGS—EXTERMINATION see subdivision under Leningrad Province

LEAFHOPPERS

Tribe Stirellini trib. n. and its taxonomic position (Homoptera, Cicadellidae). A. F. Emelianov. *Zool. zhur.* 45 no. 4:609-610 '66.

LEATHER WORK see subdivision under Estonia

LEAVES

Relation between the optical properties of the leaf and its anatomical structure and pigment content. K. K. Volnovskaya and others. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 2 no. 4:10-26 Ji-Ag '64.

LEAVES—ANATOMY

Epidermis of the leaf of Vitaceae and its systematic significance. I. G. Zubkova. *Bot. zhur.* 51 no. 2:278-283 F '66.

Study of fossil and recent plant leaves by the epidermal and cuticular method. I. N. Sveshnikova. *Bot. zhur.* 51 no. 4:504-509 Ap '66.

LEAVES, FOSSIL

Study of fossil and recent plant leaves by the epidermal and cuticular method. I. N. Sveshnikova. *Bot. zhur.* 51 no. 4:504-509 Ap '66.

LEBEDYAN' DISTRICT—AGRICULTURE—HYGIENIC ASPECTS

With love for people. B. Malkin. *Okhr. truda i sots. strakh.* 8 no. 3:13-14 Mr '66.

LECTINS see Hemagglutinin

LECTURES AND LECTURING

Model themes of lectures, reports and discussions. *Agitator* 34 no. 10:13 My '66.

LEECHES

Motor apparatus in leeches. Thai Tran Bai. *Zool. zhur.* 45 no. 4:500-508 '66.

LEG—ABNORMALITIES AND DEFORMITIES

Alignment of the lower extremity. V. M. Masev. *Khirurgiya* 42 no. 2:75-77 F '66.

LEG—BLOOD SUPPLY

Collateral branches of the arteries of the lower extremities. I. Ich. Gaborkian. *Zhur. eksp. i klin. med.* 6 no. 15-11 '66.

LEGAL DEPOSIT (OF BOOKS, ETC.)

The purchase deposit copy is the principal source of acquisitions for province libraries. V. V. Sushkova. *Bibliot. SSSR* no. 28:126-139 '65.

LEGISLATION see subdivision under Estonia

LEGISLATIVE BODIES

Kulik, R. I., A. I. Luk'ianov, and B. P. Tokmakov. [The supreme organ of people's power.] *Vysshii organ narodnoi vlasti.* Moskva, Iuridicheskaya literatura, 1966. 95 p.

[Our people's parliament; a handbook.] *Nash narodnyi parlament; spravochnik.* Moskva, Politizdat, 1963. 182 p.

Shafir, M. A., and B. V. Chernov. [The Supreme Soviet of the U.S.S.R.] *Verkhovnyi Sovet SSSR.* Moskva, Znaniye, 1966. 62 p. (V pomoshch' lektozu)

LEGUMES

(see also subdivision under Marmanuk Province; Virgin Territory)

Characteristics of the water balance of legumes. N. A. Konesarova. *Fiziol. rast.* 13 no. 1:63-69 Ja-F '66.

Enrichment of seeds with molybdenum before sowing. K. A. Vasil'eva. *Uch. zap. Viteb. vet. inst.* 10:106-115 '64.

LEGUMES—ANALYSIS

Proteinase inhibitor content in the seeds of some legumes. E. P. Abramova, M. P. Chernikov. *Vop. pit.* 23 no. 4: 13-16 Ji-Ag '64.

LEGUMES—DISEASES AND PESTS

Significance of space isolation of crops and the size of fields in pest control. A. F. Glushchenko. *Zap. LSSRI* 66:42-52 '65.

LEISURE

Continuous work regime in the textile industry and workers' leisure time. L. K. Kolodov. *Izv. SO AN SSSR no. 5, Ser. obshchestv. nauk* no. 2:52-57 '64.

LEMARQUE, FRANCIS

A singer of Paris. V. Shirkhil. *Sov. muz.* 30 no. 4:63-65 Ap '66.

LEMESHEV, SERGEI IAKOVLEVICH, 1902-

From my autobiography. S. Lemeshev. *Sov. muz.* 30 no. 4:64-70 Ap '66.

LENA VALLEY—PALEOGEOGRAPHY

Quaternary paleogeography of the lower Lena Valley. V. V. Kolpakov. *Izv. vuz. ucheb. zav. i geol. i razv.* 9 no. 5:41-48 My '66.

LENGTH MEASUREMENT

Investigating the effect of certain factors on the precision of measuring large diameters by the spinning method. E. I. Kurkin. *Izv. vuz. ucheb. zav. i mashinostr.* no. 11:179-189 '64.

LENGTH MEASUREMENT—EQUIPMENT AND SUPPLIES

Russia (1923- U.S.S.R.) *Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov.* [Checking measures and mechanical devices for measuring lengths and angles; a collection of instructions.] *Poverka mer i mekhanicheskikh priborov dlia izmereniia dlin i uglov, sbornik instruktsii.* Izd. of tsin'noo. Moskva, Standartiz, 1955. 741 p.

LENN, VLADIMIR IL'ICH, 1870-1924

Academic conference devoted to the 60th anniversary of V. I. Lenin's article "Party organization and party literature." *Izv. AN SSSR, Ser. lit. i izn.* 26 no. 2:173-175 Mr-Apr '66.

Certain aspects of the Leninist theory of revolution. N. G. Levintov. *Vop. filos.* 20 no. 4:22-32 '66.

Children as guests of V. I. Lenin. M. Cherniak. *Doslik. vosp.* 39 no. 4:10-11 Ap '66.

Dissemination of V. I. Lenin's works in the Poltava Government, 1895-1907. Z. R. Vel'taninova. *Ukr. ist. zhur.* 10 no. 5:89-96 My '66.

Emotional effect of Lenin's words. I. I. Dolgopolev. *Sov. pedagog.* 30 no. 4:72-78 Ap '66.

- LENIN, VLADIMIR IL'ICH, 1870-1924 (Continued)**
From the experience of the research and collection of V.I. Lenin's documents. M.S. Vasilina, S.T. Beliakov. Vop. ist. KPSS 10 no. 3:150-155 Mr '66.
- General meeting of the Department of Languages and Literature.** N.D. Orlova. Izv. AN SSSR, Ser. lit. i jaz. 25 no. 2:172-173 Mr-Apr '66.
- Homo of Il'ich, Avtom., telem. i svinzi'** 10 no. 4:4-7 Apr '66.
- How V.I. Lenin worked out the pre-revolutionary tactic of the unity of the revolutionary and democratic forces.** P.S. Sokhan'. Ukr. ist. zhur. 10 no. 5:3-14 My '66.
- Rhodza, N.A.** [The most humane man; stories about Lenin] Samyi chelovechay chelovek; rasskazy o Lenine. [Leningrad] Lenizdat, 1966. 101 p.
- Lenin and radiobroadcasting.** G. Kazakov. Sov. pach. no. 5:24-29 My '66.
- Lenin documents on petroleum; the year 1918.** Neftianik 11 no. 5:12-13 My '66.
- Lenin in Siberia.** R. Mikhailova. Sov. shakht. 15 no. 4: 6-7 Apr '66.
- [Lenin is with us; a collection of documents and materials]** Lenin s nami; sbornik dokumentov i materialov. Maklachevskaya, Dagestanskoe knizhnoe izd-vo, 1966. 86 p.
- (CST-11)**
The Lenin principles of economic administration. M. Blusizov, Nar. khoz. Kazakh, 24 no. 4:16-18 Apr '66.
- Lenin's documents on public education.** Sov. pedagog. 30 no. 4:118-120 Apr '66.
- Lenin's plan for building socialism in the U.S.S.R.** (A. D. Kurtonin. Vop. ist. KPSS 10 no. 3:79-87 Mr '66.
- Lenin's program of action. The leader's return.** Vop. ist. KPSS 10 no. 3:42-53 Mr '66.
- Local periodical press of the first years of the Soviet regime on V.I. Lenin.** V.S. Pozhanskii. Vop. ist. KPSS 10 no. 3:103-105 Mr '66.
- Makhina, I.I. A., and G.E. Khaif.** [A boy from Simbirsk; documentary stories about V.I. Lenin's childhood and youth] Mal'chik iz Simbirsk; dokumental'nye rasskazy o detstve i iunosti V.I. Lenina. Moskva, Malysh, 1966. 55 p.
- A May Day subbotnik in the Kremlin.** I.I. Geller. Vop. ist. 41 no. 5:207-209 My '66.
- A new document by V.I. Lenin.** Vop. ist. KPSS 10 no. 3: 3-5 Mr '66.
- New page of motion-picture Leniniana.** V. Handin. Sov. voia 47 no. 18:26 S '66.
- On the wave of the revolution.** Sim. Dreiden. Sov. muz. 30 no. 4:11-20 Apr '66.
- Side by side with Il'ich.** N. Kostin, M. Gordienko. Sov. voia 48 no. 8:3-8 Apr '66.
- Strategic guidance of military operations in the autumn and winter of 1918-1919 by V.I. Lenin.** A. Golubev. Voenn. ist. zhur. 8 no. 4:9-23 Apr '66.
- V.I. Lenin and innovations.** Vop. izobr. no. 4:3-11 Apr '66.
- V.I. Lenin and M.M. Kotsilyubynskiy.** S. II. Lavrov. Ukr. ist. zhur. 10 no. 5:12-24 My '66.
- V.I. Lenin and military technology.** S. Tiunhkevich. Tekh. i vooruzh. 24 no. 4:10-13 Apr '66.
- V.I. Lenin on the class and general aspects of morals.** O.N. Krutova, N.N. Krutov. Sov. pedagog. 30 no. 4:10-22 Apr '66.
- V.I. Lenin on the concept of evolution and some problems in present-day natural sciences.** I.A. Ikhon. Filos. probl. such. prirod. no. 2:28-35 '64.
- V.I. Lenin's last works.** A.A. Solov'ev. Vop. ist. KPSS 10 no. 3:87-96 Mr '66.
- Vladimir Il'ich Lenin and petroleum workers.** E. Safronov. Neftianik 10 no. 4:1-4 Apr '66.
- Vladimir Il'ich Lenin is with us.** Doshk. vosp. 39 no. 4:26-8 Apr '66.
- Written by Il'ich.** Radio no. 4:4-5 Apr '66.
- LENIN, VLADIMIR IL'ICH, 1870-1924—BOOKS AND READING**
Remarks and marks made by V.I. Lenin in books. Vop. filos. 20 no. 4:141-155 '66.
- LENIN, VLADIMIR IL'ICH, 1870-1924—DRAMA**
Responsibility of a dramatist; about one unsuccessful play. Teatr 25 no. 9:15-17 S '64.
- LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS**
Where Il'ich used to visit. V. Larinn. Sem'ia i shkola 21 no. 4:2-3 Apr '66.
- LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.**
[*"Sarat"* and *"Shalash"* in Razliv; a guidebook] *"Sarat"* i *"Shalash"* v Razlive; putevoditel'. [Izd. 3., ispr. i dop. Leningrad] Lenizdat, 1965. 57 p.
- (NJP)**
- LENIN, VLADIMIR IL'ICH, 1870-1924—PORTRAITS, CARICATURES, ETC.**
Image of the leader. N. Dubovitskaya. Sem'ia i shkola 21 no. 4:48 Apr '66.
- LENIN IN LITERATURE AND ART**
We should live as Lenin did. F. Setin. V mire knig 6 no. 4:32-33 Apr '66.
- LENINABAD—THEATER**
On the way to a revival. E. Ugrinovich. Teatr 25 no. 9: 10-12 S '64.
- LENINGRAD—AIRPORTS**
The first stone. S. Bratukhin. Grazhd. av. 23 no. 6:20 Je '66.
- LENINGRAD—ARCHITECTURE**
Shvarts, V.S. [Leningrad; its architectural monuments: a sketch] Leningrad; khudozhestvennye pamiatniki; ocherk. [Izd. 3. Leningrad, Iskustvo, 1966] 386 p. illus.
- LENINGRAD—ART GALLERIES AND MUSEUMS**
Leningrad, Ermitazh. Ermitazh. The Hermitage Museum. Sost. I.U. Kuznetsov, N. Nikulina i I.U. Rusakov. Leningrad, Sovetskii khudozhnik [1965] 33 p. (chiefly illus.) [Parallel texts in Russian and English]
- Leningrad, Ermitazh. [State Hermitage; drawings, watercolors.] Gosudarstvennyi Ermitazh; risunki, akvarelli. [Avtor-sost. M.V. Dobroklonskii] Moskva, Sovetskii khudozhnik [1965] 1 v. (chiefly illus.) [In Russian and English] (Khudozhestvennye sokrovishcha SSSR)
- LENINGRAD—BALLET**
Bogdanov-Derezhovskii, V.M. [The Leningrad Ballet] Ballet Leningrada. Moskva, Muzyka, 1964. 70 p. illus.
- LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK**
Bobovikov, R.S., and A.P. Dumachev. [For high standards of production; from the work practices of the Leningrad party organization] Za vysokuyu kul'turu proizvodstva; iz opyta raboty Leningradskoi partinnoi organizatsii. [Leningrad] Lenizdat, 1960. 141 p.
- LENINGRAD—CONCERTS**
From a diary of concert events. N. Fishman and others. Sov. muz. 39 no. 4:83-86 Apr '66.
- Mozart's Mass. A. Klimovitskii, V. Fomin. Sov. muz. 39 no. 4:86-82 Apr '66.
- LENINGRAD—CORPORATE LEGAL DEPARTMENTS**
An important sector of activities of advocates. A. Tsubin. Sov. iust. 30 no. 8:14-15 My '66.
- LENINGRAD—ECONOMICS—STUDY AND TEACHING**
From practice in the training of economists in Leningrad University. I.V. Kotov. Trudy LIEI no. 56:298-306 '66.
- LENINGRAD—ECONOMICS, MATHEMATICAL—STUDY AND TEACHING**
A new efficient form of the training of economist and mathematician personnel. V.P. Bakhrakh. Trudy LIEI no. 56:309-324 '66.
- A new specialty in the Leningrad M.I. Kalinin Polytechnical Institute. S.A. Sokolitsyn. Trudy LIEI no. 56:325-326 '66.
- LENINGRAD—ELECTRONIC DATA PROCESSING—BUILDING**
On the basis of advanced methods. A. Zaissner. Na stroi. Ros. 7 no. 4:13 Apr '66.
- LENINGRAD—FUR TRADE**
The fur market and Leningrad auctions. M. Pastushenko. Vnesh. tor. 46 no. 4:30-43 '66.
- LENINGRAD—GUIDEBOOKS**
Bessmertnyi, A.S. [Leningrad, a concise guidebook for tourists] Leningrad; kratkii spravochnik dlia turistov. [Leningrad] Lenizdat, 1960. 225 p.
- Kuznetsova, O.N., A.K. Semenovskaya, and Sh.I. Sholman. [Summer Garden, Summer Palace, House of Peter I] Letni sad, Letni dvorets, Domik Petra I. [Izd. 5., ispr. i dop.] [Leningrad] Lenizdat, 1965. 95 p., illus. map (insert)
- LENINGRAD—HARBORS**
Bortsevich, K.K. [Leningrad sea port] Leningradskii morskoi port. [Leningrad] Lenizdat, 1960. 62 p. (Turists o Leningrade)
- LENINGRAD—HISTORY**
Gordin, A., and I.A. Gordin. [Decembrist Square] Ploshchad' Dekabristov. [Leningrad] Lenizdat, 1960. 71 p. (Turists o Leningrade)
- LENINGRAD—HISTORICAL RESEARCH**
Work of the Department of Modern and Recent History of Leningrad University. V.K. Furmanov. Nov. i noveish. ist. no. 3:189-190 '66.
- LENINGRAD—HYDROELECTRIC POWER STATIONS**
Reinforcement of a reinforced concrete frame at the Prib. Hydroelectric Power Station in Leningrad. V.I. Eliseev. Stroi. trudy, LIEI no. 48:61-67 '65.
- LENINGRAD—INDUSTRIAL HYGIENE**
Successes and difficulties. V. Kruglov. Sov. profsoizuz 22 no. 9:27-29 My '66.
- LENINGRAD—INDUSTRIAL MANAGEMENT**
Bobovikov, R.S., and A.P. Dumachev. [For high standards of production; from the work practices of the Leningrad party organization] Za vysokuyu kul'turu proizvodstva; iz opyta raboty Leningradskoi partinnoi organizatsii. [Leningrad] Lenizdat, 1960. 141 p.
- LENINGRAD—INDUSTRIAL MANAGEMENT—RESEARCH**
Firm of scientific labor organization and management. Sots. trudy. 11 no. 5:54-60 '66.
- LENINGRAD—LAWYERS**
An important sector of activities of advocates. A. Tsubin. Sov. iust. 30 no. 8:14-15 My '66.
- LENINGRAD—LIBRARIANS**
The work of her entire lifetime. E. Kuzhel'kova, A. Rodlanskaya. Bibliotekar' 43 no. 5:66 My '66.
- LENINGRAD—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS**
Effect of collective creative activity. V. Paremakh. NTO 8 no. 5:22-24 My '66.
- LENINGRAD—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS**
Activity of the patent service of an industrial plant. N.V. Sutokikh. Vop. izobr. no. 4:32-34 Apr '66.
- LENINGRAD—MUSEUMS**
Dubinin, L.A. [Museum of the Great October] Muzei Velikogo Oktabria. [Leningrad] Lenizdat, 1965. 73 p. (Turists o Leningrade)
- LENINGRAD—OPTICAL INDUSTRY—MANAGEMENT**
Livyhts, S.D. [Organization of the dispatching service in a branch industrial combine] Organizatsiia dispetcherskoi sluzhby obratnogo proizvodstvennogo ob'edineniia. Leningrad, 1965. 38 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seria: Ekonomika, organizatsiia i planirovaniye proizvodstva)
- LENINGRAD—PAINTINGS**
Leningrad, Ermitazh. [Columbine] Kolombina. Leningrad, 1963. 83 p. illus., plates. (KyU)
- LENINGRAD—PATENTS**
Kasperavicius, Petras. [Invention and patents] Isradaba ir patentotyra. Vliukus, Mintis, 1966. 146 p. [In Lithuanian]
- LENINGRAD—PUNCHED CARD SYSTEMS—MACHINERY INDUSTRY**
On the path toward overall machine accounting. I. Malinukhin, A. Cherkasov. Buking. uchot 21 no. 12:51-54 D '64.
- LENINGRAD—RAGGED SCHOOLS**
Belykh, G.G., and A.I. Pantelev. [The republic of the Dostoevskii School of Socio-Individual Education] Respublika Shkola. [Arkhangelsk] Severo-Zapadnoe knizhnoe izd-vo [1966] 383 p.
- LENINGRAD—REVOLUTION, 1917-1921**
Akademiya nauk SSSR. Institut istorii. [The Petrograd Committee of War and the Revolution; documents and materials in three volumes] Petrogradskii Voennorevolutsionnyi komitet; dokumenty i materialy v trekh tomakh. Moskva, Nauka. Vol. 1. Chugayev, D.A., and others, eds. 1966. 582 p.
- LENINGRAD—SHIPYARDS**
At the Admiralty Shipyard. Sudostroenie no. 9:63 S '65.

LENINGRAD—SIEGE, 1941-1944

Akademii nauk SSSR. Institut istorii. Leningradskoe otdelenie. [900 heroic days; collection of documents and materials on the heroic struggle of Leningrad workers in 1941-1944] 900 gerolcheskikh dnei; sbornik dokumentov i materialov o gerolcheskoi bor'be trudiaschikhsia Leningrada v 1941-1944 gg. Moskva, Nauka, 1966. 422 p.

During the days and nights of blockade. P. Munin. Nefitanki 11 no. 5:10-11 My '66.

Ishmuratov, Zhurmash. [For the city of Lenin] Zagorod Lenina. Alma-Ata, Kazakhstan, 1964. 99 p. (MI)

LENINGRAD—TECHNICAL EDUCATION

[Technical and vocational secondary schools of Leningrad; a handbook for students entering in 1966] Tekhnikumy i uchilishcha Leningrada; spravochnik dlia postupaushchikh v 1966 g. [Leningrad] Lentzdat, 1966. 180 p.

LENINGRAD—TECHNOLOGICAL INNOVATIONS

Chuev, A. V. [Councils of Leningrad innovators] Sovety novatorov Leningrada. [Leningrad] Lentzdat, 1965. 142 p. (Peredovoi opyt - vsem!)

LENINGRAD—THEATER

Leningrad playbill. V. Sakhnovskii-Pankeev. Teatr 25 no. 9:26-33 S '64.

LENINGRAD—THEATERS

Ivanova, V. V. [The A.S. Pushkin Theater of the Drama] Akademicheskii teatr dramy imeni A.S. Pushkina. [Leningrad] Lentzdat, 1965. 76 p. (Turistu o Leningrade)

LENINGRAD—TRADE UNIONS

Successes and difficulties. V. Kruglov. Sov. profsoyuzy 22 no. 9:27-29 My '66.

LENINGRAD—UNIVERSITIES AND COLLEGES—EN- TRANCE REQUIREMENTS

[Institutions of higher education of Leningrad; a handbook for students entering in 1966] Vuzy Leningrada; spravochnik dlia postupaushchikh v 1966 godu. [Leningrad] Lentzdat, 1966. 204 p.

LENINGRAD—VOCATIONAL EDUCATION

[Technical and vocational secondary schools of Leningrad; a handbook for students entering in 1966] Tekhnikumy i uchilishcha Leningrada; spravochnik dlia postupaushchikh v 1966 g. [Leningrad] Lentzdat, 1966. 180 p.

LENINGRAD—WAGES—CONSTRUCTION INDUSTRY

Our opinion about the "Glavleninggradstroil." K. Bairachnyi. Sots.trud. 11 no. 5:136-137 '65.

LENINGRAD—WARSHIPS

Ready to fight today also. IU. Smirnov. Agitator 34 no. 10:36-37 My '66.

LENINGRAD ECONOMIC REGION—CLAY

Complex utilization of clay deposits in the Leningrad Economic Region. N. A. Ageeva. Izv. vys. ucheb. zav.; genl. i razv. 9 no. 3:98-103 Mr '66.

LENINGRAD ECONOMIC REGION—PETROLEUM PRO- DUCTS—MATHEMATICAL MODELS

Problems of the optimization of the petroleum supply of an economic region; mathematical models. G. V. Shalabin. Trudy LIEI no. 58:55-62 '66.

LENINGRAD PROVINCE—ANTHRACNOSE

Harmfulness of the anthracnose of raspberries and its chemical control in Leningrad Province. N. A. Riabkova. Zap. LSKHI 95:32-37 '65.

LENINGRAD PROVINCE—ASCOCHYTA

Resistance of forage beans to ascochyta blight. E. V. Lashman. Zap. LSKHI 95:134-137 '65.

LENINGRAD PROVINCE—BEANS—DISEASE AND PEST RESISTANCE

Disease resistance evaluation of forage and garden varieties of beans in Leningrad Province. Z. I. Shestiporova, V. B. Timofeev. Zap. LSKHI 95:126-133 '65.

LENINGRAD PROVINCE—BOOKSELLERS AND BOOK- SELLING

Rural booklovers still haven't received their books. I. Kisil'syn. Knizh.torg. 17 no. 5:30 My '66.

LENINGRAD PROVINCE—DIAMONDBACK MOTH

Harmfulness of the cabbage moth depending on environmental conditions and cabbage cultivation practices in Leningrad Province. G. E. Osimojovskii, V. V. Titov. Zap. LSKHI 95:53-58 '65.

LENINGRAD PROVINCE—FEED MILLS

Mechanized feed preparation shop. V. Cheberko, V. Naidenko, V. Filippov. Tekh. v sel'khoz. 26 no. 4:19-23 Ap '66.

LENINGRAD PROVINCE—GALINSOGA

Distribution of Galinsoga species in Leningrad Province. IU. D. Gusev. Bot.zhur. 51 no. 4:577-579 Ap '66.

LENINGRAD PROVINCE—HEALTH RESORTS, WATER- ING PLACES, ETC.

The little town of "Solnechnoye." I. Surina. Doshk. vosp. 39 no. 4:64-65 Ap '66.

LENINGRAD PROVINCE—LEAF ROLLERS—EXTERMI- NATION

Testing new insecticides for the control of the leaf roller *Cacoecia rosana* L. V. P. Markelova. Zap. LSKHI 95:26-28 '65.

LENINGRAD PROVINCE—LEAFBUGS—EXTERMINATION

Plesiocoris rugicollis Fall. as a black currant pest in the northern zone. O. A. Skorikova. Zap. LSKHI 95:71-73 '65.

LENINGRAD PROVINCE—MEASURING WORMS

Harmfulness of the measuring worm *Operophtera brumata* L. in the orchards and parks of Leningrad Province. Z. G. Belosel'skaya. Zap. LSKHI 95:74-83 '65.

LENINGRAD PROVINCE—ONCOLOGICAL SOCIETIES

Proceedings of the 102d Conference of the Scientific Society of Oncologists of Leningrad and Leningrad Province (November 4, 1965). A. I. Serebrov, S. A. Khodkin, M. F. Chernomordikova. Vop.onk. 12 no. 5: 123-126 '66.

LENINGRAD PROVINCE—PEAT BOGS

Macromycetes and their role in the dynamics of vegetation during drainage. Report No. 1. Macromycetes. V. I. A. Chastukhin. Bot.zhur. 51 no. 2:161-175 F '66.

LENINGRAD PROVINCE—PLANT LICE

Some biological characteristics of the plant louse *Pemphigus bursarius* L. in Leningrad Province. A. A. Mashek. Zap. LSKHI 95:57-60 '65.

LENINGRAD PROVINCE—STRAWBERRIES

Herbicide treatment of soil before planting strawberries. G. A. Naumova. Zap. LSKHI 95:38-41 '65.

LENINGRAD PROVINCE—NONFERROUS METALS

Efficient ore mining in the deposits of the Leningradsk Combine. A. V. Brichkin, L. P. D'acheuko, V. P. Gorobets. Gor.zhur. no. 5:32-35 My '66.

LENKORAN' LOWLAND—TEA—FERTILIZERS AND MANURES

Duration of the effect of potassium fertilizers on tea plantations of the Lenkoran' zone of Azerbaijan. A. K. Akhundov. Dokl. AN Azerb. SSR 21 no. 12:44-46 '65.

LEONOV, LEONID MAKSIMOVICH, 1899-

Simonov, A. K. [Articles of literary criticism] Literaturno-kriticheskie stat'i. Erevan, Mitk, 1965. 251 p.

LEPESHINSKII FAMILY

Pedagogical creativeness. M. Mel'nikov. Nar. obr. no. 5:94-98 My '66.

LEPIDOPTERA—BIOLOGICAL CONTROL

Activity of ethylene compounds as chemical sterilants for Lepidoptera. E. M. Shumakova, M. A. Bulyginskaya, A. A. Kropacheva. Khim. v sel'khoz. 4 no. 5:22-25 My '66.

LEPTOSPIRA

Experimental study on the susceptibility of small mammals to various serological types of leptospirosis. Report No. 2: Susceptibility of field mice to Leptospira grippotyphosa and sejroo. L. P. Somenova, E. V. Karaseva. Zhur. mikrobiol., epid. i immun. 41 no. 7:132-31 '64.

LEPTOSPIROSIS

(see also subdivision under Krasnodar Territory)

Duration of the carrier state in leptospirosis of swine. S. V. Netsel'pae. Veterinarlia 43 no. 5:29-31 My '66.

Significance of hemolysin and lipase in the pathogenesis of leptospirosis. E. Kmetz and others. Zhur. mikrobiol., epid. i immun. 41 no. 7:106-112 Ji '64.

Terstikh, V. I., and I. L. Kozlov. [Leptospirosis diseases in man] Leptospirozye zabolevaniia liudel. Moskva, Meditsina, 1964. 287 p. (DNL)

LEPTOSPIROSIS—PREVENTIVE INOCULATION

Clinical aspects and differential diagnosis in monicentric leptospirosis (swamp fever) caused by Leptospira pomona (with special reference to the course of this disease combined with jaundice and in immunized patients.) K. V. Bunin, M. N. Gamazina. Sov.med. 20 no. 9:54-50 S '64.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841— ILLUSTRATIONS

Lermontov, M. I. [Paintings and drawings of the poet, illustrations for his works] Kartiny i risunki poeta, illustratsii k ego proizvedeniam. [Leningrad, Sovetskii khudozhnik, 1964] 123 p. (chiefly illus.) (WU)

Vrubel', M. A. [Drawings for the works of M. I. Lermontov] Risunki k proizvedeniam M. I. Lermontova. [Leningrad, Khudozhnik RSFSR, 1964] 14 pl. (in portfolio.) (MIU)

LETTUCE

Effect of manganese on the content of pigments and ascorbic acid lettuce. A. V. Leshina. Dokl. AN SSSR 10 no. 4:279-281 Ap '66.

LEUCOCYTES

Diagnostic importance of the leucocyte reaction in inflammatory processes in cattle. E. M. Bagirovskaya. Uch. zap. Viteb. vet. inst. 18:177-184 '64.

Electron microscopy of leucocytes in the process of their preservation. E. I. Terent'eva and others. Probl. genat. i parel. krovi 11 no. 1:28-34 Ju '66.

Mechanism of bacterial allergy. "Transport factor" in white blood cells in bacterial allergy and anaphylaxis. G. P. Kudrina. Arkh.pat. 28 no. 3:43-45 '66.

LEUKEMIA

Effect of phenastezine and forazoline on normal hemopoiesis and transplantable leukemias in animals. I. I. Zaretskii, E. I. Khomchenovskii, G. S. Smirnova. Pat. fiziol. i eksp. terap. 10 no. 2:77-79 Mr-Ap '66. Natural radioactivity of the skeleton in leukemia. V. A. Leonov, M. P. Pavlova. Dokl. AN SSSR 10 no. 5:330-340 My '66.

LEUZEIA

Study of Leuzea carthamoides as a stimulant of the nervous system. S. F. Tuzov. Uch. zap. TGTI 21:157-161 '64.

LEVEL INDICATORS

Analog computer for compensating errors of a capacitance level indicator. L. M. Shapiro. Priborostronno no. 5: 13-14 My '66.

Automatic control of the charge mixture level in the cupola furnace. L. N. Sobolev. Izv. predzv. no. 2:33-38 F '64.

Compensation for the effect of changes in the dielectric constant on the precision of level indicators. S. I. Moksinov. Mash. i elekt. obr. no. 4:26-27 '66.

Modernization of the sensitive element of the F10-1 level indicator. G. I. Pshchetskii, G. I. Roitshtein. Priborostronno no. 5:21 My '66.

The UM-1 follow-up level indicator. IU. M. Kelim, A. I. A. Prikladno, D. V. Sveccharnik. Priborostronno no. 5: 19-20 My '66.

Volumetric level indicator. A. M. Venclov, V. B. Suezsko, B. S. Iartsev. Priborostronno no. 5:20-21 My '66.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVELING—GRAPHIC METHODS

Graphic method for obtaining marks in barometric leveling. V. I. Grafeev. Geod. i kart. no. 3:32-35 Mr '66.

LEVKOVA, EMILIA FEDOROVNA, 1885-

Emilia Fedorovna Levkova; on the 50th anniversary of her medical, scientific, and civic activity. Arkh.pat. 28 no. 4:88 '66.

LEVOMYCETIN

Dynamics of the formation of O-antibodies in typhoid fever patients treated with levomycetin. I. V. Rubtsov, A. P. Aliluev. Zhur. mikrobiol., epid. i immun. 41 no. 8:138-139 Ag '64.

Effect of levomycetin and cortisone on immunological processes. A. F. Podlevskii. Zhur. mikrobiol., epid. i immun. 41 no. 8:50-64 Ag '64.

Preventive of the formation of carrier state in typhoid and paratyphoid patients, using antibiotic and vaccine therapy. Report No. 2: Dynamics of immunological indices in typhoid and paratyphoid patients treated with levomycetin and dry alcohol typhoid and paratyphoid vaccine B. IU. I. A. Tendatnik and others. Zhur. mikrobiol., epid. i immun. 43 no. 4: 73-80 Ap '66.

LEVOMYCETIN—PHYSIOLOGICAL EFFECT

Effect of blocked protein synthesis produced by levomycetin on the development of λ -phage in induced lysogenic culture. S. S. Belokrysenko. Zhur. mikrobiol., epid. i immun. 41 no. 7:26-24 Ji '64.

LEVOMYCETIN—THERAPEUTIC USE

Dynamics of the H- and O-agglutinin titers in typhoid fever patients treated with levomycetin and a combination of this antibiotic with a vaccine. P. A. Altsov, A. P. Kazantsev. Zhur. mikrobiol., epid., i immun. 41 no. 8:36-41 Ag '64.

LEZGHIAN LANGUAGE—DICTIONARIES—RUSSIAN

Akademii nauk SSSR. Dagestanskii filial. Makhach-Kala. Institut istorii, iazyka i literatury. [Lezghian-Russian dictionary. About 26,000 words.] Lezghian-Russian dictionary. Sost. B. Talbov i M. Gadzhiev. Pod red. R. Galdarova. Sprizozheniem grammaticheskogo ocherka lezghinskogo iazyka B. Talbova. Moskva, Sovetskaya Entsiklopediya, 1966. 603 p.

LIABILITY (LAW)

Krasavichikov, O. A. [Reparation of injury caused by a source of increased hazard.] Vozmeshchenie vreda, prichinennogo istochnikom povysheimoi opasnosti. Moskva, Iuricheskaya literatura, 1966. 198 p.

LIADOV, ANATOLII KONSTANTINOVICH, 1855-1914
Evseyev, S. V. [Russian folk songs arranged by A. Liadov.] Russkie narodnye pesni v obrabotke A. Liadova. Pod. red. B. V. Budulina. Moskva, Muzyka, 1965. 80 p. (ML)

LIEBEL AND SLANDER

Belavskii, A. V. [Judicial protection of the honor and dignity of persons.] Sudebnaya zashchita chesti i dostoinstva grazhdan. Moskva, Iuricheskaya literatura, 1966. 59 p.

Sugachev, L. N. [Criminal responsibility for malicious insult.] Ovetstvennost' za oskorblenie. Moskva, Iuricheskaya literatura, 1966. 36 p.

LIBRARIANS

(see also subdivision under Leningrad; Mari A.S.S.R.)
Now they don't wear their army overcoats. L. Grigorovskaya, S. Marisev. Bibliotekar' 43 no. 5:23-24 My '66.

LIBRARIES

(see also subdivision under Krasnoyarsk Territory)

First government conference on problems of reorganizing libraries (July, 1966). K. I. Abramov. Bibliot. SSSR no. 28:54-72 '65.

Let us carry out the decisions of the party congress. Bibliotekar' 43 no. 5:1-3 My '66.

Some problems in the organization of a unified library system in large cities and in large industrial centers. Z. I. Rivlin. Bibliot. SSSR no. 28:25-37 '65.

Toward new successes in the work of libraries. Bibliot. SSSR no. 28:3-12 '65.

LIBRARIES—EQUIPMENT AND SUPPLIES see subdivision under Lithuania

LIBRARIES, CHILDREN'S

(see also subdivision under Kiev; Udmurt A.S.S.R.)

Extraclassroom lessons in reading. K. Kuprianova, A. Elkina. Bibliotekar' 43 no. 5:41-43 My '66.
It's time to realize our promises. L. Vaneva. Bibliotekar' 43 no. 5:38-39 My '66.

Some problems of guiding children in reading. N. B. Medvedeva. Bibliot. SSSR no. 28:74-80 '65.

Toward a unified system. N. Gudkov. Bibliotekar' 43 no. 5:46-50 My '66.

Why do we study readers' interests? O. F. Khuz. Bibliot. SSSR no. 28:90-103 '65.

LIBRARIES, PRIVATE

They bring us happiness. V. Vasil'ev, R. Leonidov. V mire knig 6 no. 4:42-43 Ap '66.

LIBRARIES, TRADE UNION see subdivision under Ivanovo

LIBRARIES AND READERS

(see also subdivision under Ivanovo Province; Krasnoyarsk; Mordovia; Moscow Province; Taganrog; Udmurt A.S.S.R.; Vyaz'ma, Smolensk Province)

The library is your friend. L. In'kova, V. Stel'makh. V mire knig 6 no. 4:39-40 Ap '66.

LIBRARY EXHIBITS see subdivision under Tselinograd; Vitebsk Province

LIBRARY SCIENCE

Letters to the editor. Bibliotekar' 43 no. 5:57-61 My '66.

LIBYA—BANKS AND BANKING

Brief information on foreign exchange and banks abroad. Den. kred. 24 no. 5:88-89 My '66.

LIBYA—IRRIGATION

Soils of Kura Kuni and Libyan deserts irrigated in the remote past. N. G. Minashina. Pochvovedenie no. 5: 41-52 My '66.

LIFE

Gutsalenko, L. A. [The pursuit of life.] O smysle zhizni. Minsk, Belarus', 1965. 33 p. (Besedy s verushchimi)

Relation between the organization and evolution of living systems. K. M. Khaikov. Vop. filoz. 20 no. 4:110-120 '66.

LIFE (BIOLOGY)

Orav, Toivo. [Radiations and organisms.] Kirgused ja organismid. Tallin, Kirjastus "Valgus," 1965. 124 p. [In Estonian]

LIFE ON OTHER PLANETS

Vsesoyuznoe soveshchanie, posvyashchennoe probleme vnezemnykh tsivilizatsii, 1st. Biurakan, 1964. [Extraterrestrial civilizations; transactions.] Vnezemnyye tsivilizatsii; trudy. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1965. 149 p. (NJP)

LIFEBOATS

Evolution of hoisting devices for ship lifeboats and launches. I. M. Melnikov. Sudostroenie 56 no. 3:72-77 Mr '66.

Rescue launch for all weather conditions. D. A. Chernoguz. Sudostroenie no. 9:61-62 S '65.

LIFTING AND CARRYING

Clamps for lifting reinforced concrete slabs used for floors and roofs. Bluz. stroi. tekhn. 27 no. 3:19-20 Mr '65.

LIFUDZIN REGION (MARITIME TERRITORY)—TIN ORES

Kigali, I. N. [The Lifudzin tin ore deposit and certain problems of hydrothermal mineralization.] Lifudzinskoe olovorudnoe mestorozhdeniye i nekotoryye voprosy gidrotermal'nogo mineraloobrazovaniya. Moskva, Nauka, 1966. 247 p.

LIGATURE (SURGERY)

Device for the application of ligatures. M. A. Moroz. Urol. i nefr. no. 3:58-59 '65.

LIGHT—EFFECT ON PLANTS see Plants, Effect of light on

LIGHT—PHYSIOLOGICAL EFFECT

Effect of light intensity on the utilization of various carbon compounds by photosynthesizing bacteria. A. I. Nesterov, I. N. Gogolev, E. N. Kondrat'eva. Mikrobiologiya 35 no. 2:103-109 Mr-Apr '66.

Effect of light on the electric activity of muscles in ontogeny. I. A. Lev. Fiziol. zhur. 51 no. 2:260-274 F '65.

Effect of visible light of varying spectral composition on the course and outcome of experimental myocardial infarction in rats. T. N. Afanas'eva. Dokl. AN BSSR 10 no. 4:285-289 Ap '66.

LIGHT—SCATTERING

Comparison of measured and calculated scattering functions of seawater. I. U. E. Ochakovskii. Trudy Inst. okean. 77:125-130 '65.

Determining the electron temperature and concentration in an arc plasma from the Thomson scattering of laser radiation. G. M. Molyshev and others. Dokl. AN BSSR 166 no. 3:554-555 My '66.

Induced scattering of light on light. A. A. Varfolomeev, Zhur. eksp. teor. fiz. 50 no. 4:1024-1035 Ap '66.

Light scattering by light in semiconductors and insulators. A. A. Grinberg, N. I. Kramer. Fiz. tver. tela 8 no. 5:1355-1561 My '66.

LIGHT—TRANSMISSION

Propagation of light through a singular Schwartzschild sphere. R. I. Khrapko. Zhur. eksp. teor. fiz. 50 no. 4: 971-974 Ap '66.

LIGHT FILTERS

Use of a correcting filter in measuring submarine illuminance. V. I. Volkov, E. N. Khalemskii. Trudy Inst. okean. 77:121-124 '65.

LIGHTING

A window controls the light flux. V. Bogatyrev. Izobr. i rats. no. 3:26-27 Mr '66.

LIGHTNING PROTECTION

Grounding of guard wires. T. P. Musatov. Elek. sta. 37 no. 3:97-98 Mr '66.

Larionov, V. P. [Protecting apartment houses and industrial structures from lightning.] Zashchita zhiyikh domov i proizvodstvennykh sooruzhenii ot molnii. Izd. 2. Moskva, Energiya, 1966. 53 p. (Biblioteka elektromontera, no. 101)

LIGHTWEIGHT CONCRETE

(see also subdivision under Novotul'skiy, Tula Prov-ince)

Determining the optimum viscoplastic properties of activated gas-ash lime mixes. V. T. Vasilchenko and others. Stroi. mat. 11 no. 3:28-29 Mr '65.

Reducing the shrinkage of gas-ash concrete by inserting fibrous additives. Z. G. Gubdenberg, A. V. Sidorova. Shor. trad. VNISTROM no. 4:96-98 '65.

Solidification of lightweight concrete based on natural porous aggregates. M. Saakian. Prom. Arm. 9 no. 2:53-55 F '66.

Structure of concrete from naturally burnt clay. A. V. Satakin, A. I. Asovchik. Zhur. prikl. khim. 38 no. 8: 1693-1702 Ag '65.

Swelling and contraction of gas sand-lime. N. N. Skoblikova. Stroi. mat. 12 no. 4:29-30 Ap '66.

LIGHTWEIGHT CONCRETE PRODUCTS

Gas ash silicate in large-panel construction. I. Zhigalov. Zhil. stroi. no. 8:27 '64.

Mastering the manufacture of large gas concrete products. P. A. Rotzman, E. M. Sergeikina. Stroi. mat. 11 no. 3: 8-10 Mr '65.

Output of keramzit foam concrete elements is increasing. N. A. Karnev, I. A. Solodukhin. Stroi. mat. 12 no. 4: 27 Ap '66.

LIGNIN

Addition of phenol to the cyclic benzyl ester structure) links of lignin. M. L. Chudakov, A. V. Milovanov, Gidroliz. i lechokhin. prom. 19 no. 4:17-18 '66.

Determining the molecular weight of lignins by the sedimentation rates. O. M. Sokolov, B. D. Bogomolov, B. V. Veselova. Izv. vys. uch. zaved. i les. zhur. 9 no. 1:139-145 '66.

Free radicals in condensed lignin preparations. M. I. Chudakov, V. I. Mel'nikov, V. E. Bronovitskii. Gidroliz. i lechokhin. prom. 19 no. 4:13-14 '66.

LIGNITE see subdivision under Kansk Basin; Maritsa Valley, Bulgaria

LJKHOSLAVL' DISTRICT—WOMEN AS VETERINARIANS

Care of a veterinary feldsher. A. Zhuk. Veterinarita 42 no. 4:7 Ap '66.

LILIALES see subdivision under Kazakhstan

LIMBS (ANATOMY) see Extremities (Anatomy)

LIME

Effect of the degree of lime dispersion on the properties of lime concrete prepared according to various systems. P. M. ZH'berfarb. Shor. trad. VNISTROM no. 4:3-22 '65.

Setting the standard for overburn content in lime used in the preparation of autoclave products. B. N. Vluogradov, E. P. Sidorov. Stroi. mat. 12 no. 4:31-32 Ap '66.

Ways of reducing the cost of lime at lime plants. A. P. Kornishina. Shor. trad. VNISTROM no. 4:161-170 '65.

LIMESTONE

(see also subdivision under Armenia; Korch Peninsula; Sayan Mountains)

Influence of the natural fractured state of limestone on the efficiency of blasting operations. N. U. Turata and others. Vzyv. dele no. 50/16:181-193 '66.

Reducing the time required for the construction of quarries for saved limestone is one of the ways to improve their technical and economic effectiveness. I. A. Rogachevskii. Trudy Kish. politekh. inst. no. 2: 114-120 '64.

Using the waste from the crushing of limestone as a filler in structural mortars. B. K. Litavov, A. A. Chabanov. Trudy Kish. politekh. inst. no. 2:121-128 '64.

LIMING OF SOILS

(see also subdivision under Ukraine, Western)

Effect of organic and mineral fertilizers, and lime on the yield of some rotation crops in heavy turf-Podzolic soils. V. A. Titlin, T. B. Baus. Agrokhimia no. 5: 69-73 My '66.

LIMIT THEOREMS (PROBABILITY THEORY)

Asymptotic resolution in the central limit theorem. L. V. Osipov. Dokl. AN BSSR 166 no. 3:522-523 My '66.

LIMITATION OF ACTIONS (CRIMINAL LAW)

How to determine the period of limitation for criminal liability. I. G. Iperin. Sov. iust. 30 no. 9:8-9 My '66.

LIMNOLOGY—CONGRESSES

16th International Limnological Congress. G.G. Vinberg. Gidrobiol. zhur. 2 no. 2:70-72 '66.

Water microbiology at the 16th Limnological International Congress. A.G. Rodina. Mikrobiologiya 35 no. 2: 376-379 Mr-Apr '66.

LINALOOL—ANALYSIS

Method for determining the linalol content in coriander oil. S.L. Chernysheva. Masl.-zhir. prom. 32 no. 4: 29-30 Ap '66.

LINE GEOMETRY

Quasi-tetrahedral complexes. Part I. N.I. Kovantsov. Ukr. geom. sbor. no. 1:28-38 '65.

LINEAR ALGEBRAS see Algebras, Linear

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR PROGRAMMING

Application of linear programming methods for the optimization of the loading of interchangeable equipment and calculation of its output capacity. A.N. Zolotarev. Trudy LIEI no. 58:150-165 '66.

Dynamic transportation problem. V.L. Makarov. Trudy LIEI no. 58:191-193 '66.

Economic effectiveness of the use of the method of linear programming in the planning of lumber deliveries. M.I. Piven'. Lis., pap. i der. prom. no. 2:23-30 Mr-Apr '66.

Linear model for the technical and economic planning of a petroleum refinery. M.IU. Rozenfain. Neftepr. i neftekhim. no. 3:14-17 '66.

Linear model of the optimal organization of the use of the irrigation system within individual production units of a farm. V.A. Kardash, V.G. Priazhinskaya. Ekon. i mat. metod. 2 no. 3:451-454 My-Je '66.

Mathematical methods in the solution of technical and economic problems in nonferrous metalworking plants. A. Kh. Benini, V.A. Volkov, L.M. Lumeva. TSvet. met. 39 no. 5:86-88 My '66.

Method of sequential improvement for solving linear programming problems with additional limitations. R.A. Zviagina. Trudy LIEI no. 58:199-203 '66.

On a problem of parametric programming. N.E. Larchenko. Ekon. i mat. metod. 2 no. 3:448-451 My-Je '66.

On an integral problem of linear programming. G.I. Mishchenko. Trudy LIEI no. 58:204-207 '66.

On the problem of technical-economic meaning of dual problems in the theory of linear programming. L.M. Altshuler. Trudy LIEI no. 58:217-225 '66.

Optimal assignment of coal mines to preparation plants. G.P. Kulish, L.F. Luchina, V.I. Khizhniak. Ekon. i mat. metod. 2 no. 3:446-448 My-Je '66.

Solving problems in the distribution of lumbering and woodworking industry enterprises. P.I. Goryshin, K.B. Starobin. Trudy LIEI no. 58:63-69 '66.

Transformations of correctly presented variational problems. A.D. Ioffe. Dokl. AN SSSR 168 no. 2:269-272 My '66.

Use of electronic computers and linear programming in operation and production planning (the machinery industry). K.G. Tatevosov. Trudy LIEI no. 58:83-88 '66.

Use of linear programming methods for determining the optimal size of laid out materials (sheets). E.A. Grigor'ev. Trudy LIEI no. 58:213-216 '66.

Yslavskii, M.N. [Linear algebra and linear programming] Lineinal algebra i lineinoe programmirovaniye. Minsk, Vysshaya shkola, 1966. 221 p.

LINGUISTIC RESEARCH—METHODOLOGY

Kiev. Universitet. [Methodological problems of linguistics] Metodologichni pytannya novoznavstva. Kyiv, Naukova dumka, 1966. 211 p.

LINGUISTICS see Language and languages

LINOLEUM

For large-panel apartment houses. V. Nikol'skii, Stroi. i arkh. Mosk. 15 no. 5:28-29 My '66.

LIPASE

Rancidification of sweetened condensed milk. I.A. Radcheva, V.M. Bogdanov, S.M. Shtal'berg. Trudy VNIMI [Mol.] no. 23:16-18 '65.

Significance of hemolysis and lipase in the pathogenesis of leptospirosis. E. Kmety and others. Zhur. mikrobiol., epid. i immun. 41 no. 7:106-112 JI '64.

LIPID METABOLISM

Biological activity of lipids and polysaccharides in yeastlike fungi. N.P. Elinov, N.A. Zaitkina, A.V. TSinzerling. Biol. eksp. biol. i med. 58 no. 12:41-44 D '64.

Effect of reserpine and dimedone on the lipid and protein metabolism in hypertension and coronary atherosclerosis. P.M. Savenkov. Sov. med. 28 no. 9:31-34 S '64.

LIPIDOSIS

Effect of disorders of carbohydrate metabolism on the aortic wall and the development in it of alimentary lipodosis in rabbits. M.V. Bavina and others. Arkh. pat. 28 no. 3:21-26 '66.

Effect of hepatic lesion induced by carbon tetrachloride on the development of experimental cholesterol lipodosis of the aorta in rabbits. V.I. Metelitsa. Kardiologiya no. 5:57-62 '64.

LIPIDS

Methodology of determining the extraction coefficient of lipids from lipoproteins. V.E. Anisimov, V.I. Novichkov, I.G. Salikhov. Lab. delo no. 4:211-212 '66.

Structure of chloroplasts and formation of lipid globules. A.A. Shakhov, B.N. Golubkova. Bot. zhur. 51 no. 4:551-553 Ap '66.

LIPOPOLYSACCHARIDES—PHYSIOLOGICAL EFFECT

Effect of lipopolysaccharides from higher plants (phytolipopolysaccharides) on the process of liver regeneration in mice. I.M. Lashina, Z.A. Riabinina, B.N. Gladyshev. Biol. eksp. biol. i med. 58 no. 9:116-119 S '64.

LIPOPROTEINS

Methodology of determining the extraction coefficient of lipids from lipoproteins. V.E. Anisimov, V.I. Novichkov, I.G. Salikhov. Lab. delo no. 4:211-212 '66.

LIQUEFIED PETROLEUM GAS

"Sputnik" gas unit. B.V. Slivinskii, V.R. Pikur. Stroi. i inzh. 10 no. 4:36-37 Ap '65.

LIQUEFIED PETROLEUM GAS—TRANSPORTATION

Vessels for the transportation of liquefied petroleum gas. S.I. Logachev. Sudostroyeniye no. 9:11-18 S '65.

LIQUID CAST IRON—ANALYSIS

Effect of temperature on the rate of magnesium removal from liquid cast iron. I.U. M. Levchenko. Dop. AN URSR no. 4:467-469 '66.

LIQUID GALLIUM

Diffraction study of the recrystallization of tin under the effect of liquid gallium. L.I. Mirkin. Fiz.-khim. mekh. mat. 1 no. 6:659-663 '65.

LIQUID HELIUM—DENSITY

Measuring the γ -transition temperature and the maximum density of liquid He⁴. V.P. Peshkov, A.P. Borovikov. Zhur. eksp. teor. fiz. 50 no. 4:844-852 Ap '66.

LIQUID HELIUM—OSCILLATIONS

Use of the resonance method in studying the character of the oscillations in helium II near the surface of a vibrating disc. E.L. Andronikashvili and others. Zhur. eksp. teor. fiz. 50 no. 4:856-860 Ap '66.

LIQUID IRON ALLOYS—DENSITY

Density of Fe-C-Si and Fe-C-Mn alloys in the liquid state. E.S. Filippov, A.A. Vertman. Lit. proizv. no. 4:20-21 Ap '66.

LIQUID LEVEL INDICATORS

Accuracy of parameter measuring in automating quantitative control in storage tanks. V.B. Pevzner. Transp. i khim. nefti i nefteprod. no. 2:17-19 '65.

LIQUID METALS

Effect of metals dissolved in mercury on the adsorptive softening of zinc. B.D. Summ, L.V. Ivanova, I.U.V. Gorunov. Fiz.-khim. mekh. mat. 1 no. 6:648-653 '65.

Increasing the fatigue life of steel in molten low-melting metals by hardening methods. M.I. Chayevskii, V.F. Shatinskii. Fiz.-khim. mekh. mat. 1 no. 6:664-669 '65.

Rate of capillary penetration of FeO-SiO₂-CaO melts into porous specimens of magnesium oxide. S.I. Popov, M.A. Sherstobitov, S.G. Bratchikov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:17-21 '66.

LIQUID METALS—THERMODYNAMICS

Thermodynamic activity as criterion for the softening effect of corrosive melts. M.I. Chayevskii. Fiz.-khim. mekh. mat. 1 no. 6:637-642 '65.

LIQUID NICKEL-CERIUM ALLOYS—NITROGEN CONTENT

Studying nitrogen solubility in liquid nickel-cerium alloys. E.G. Ivanov and others. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:69-72 '66.

LISICHANSK DISTRICT—MERCURY ORES

Geochemical characteristics of the distribution of mercury in the coal seams of Lisichansk District (Donets Basin). B.I. Tkach. Geokhimiya no. 5:610-616 My '66.

LISSAJOUS' CURVES

Methods and reading accuracy in the determination of phase difference using the Lissajous figure. V.S. Panchenko. Izv. vys. ucheb. zav.; radiotekh. 3 no. 2: 198-206 Mr-Apr '66.

LISTERIOSIS—MICROBIOLOGY

Hygienic evaluation and methods for the decontamination of meat from animals with listeriosis. M.A. Malakhov, M.A. Agal'nik. Trudy VNIIVS 18:199-200 '66.

LIVENTITES see subdivison under Altai Mountains

LITERARY PRIZES

The N. Ostrovskii Literary Competitions. Rad. lit. 10 no. 5:93-96 My '65.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—DICTIONARIES

[Concise encyclopedia of literature] Kratka literatura ensiklopediya. Glav. red. A.A. Surkov. Chleny red. kolekti: Kh. Sh. Abdusamatov i dr. Moskva, Sovetskaya Entsiklopediya. Vol. 3. Iakov - Lukness. 1966. 976 columns. (Entsiklopedii, slovari, spravochniki)

LITERATURE—HISTORY AND CRITICISM

In the Institute of Literature. Rad. lit. 10 no. 5:95 My '66.

Id, Kaarel. [Ceterum censeo or thoughts of a cool summer] Ceterum censeo ehk Jahedate suvele jutle. Tallinn, Kirjastus "Eesti Raamat," 1965. 397 p. [In Estonian]

Sool, Bernard. [Short course in literary theory] Kirjandusteooria lühikursus. 2. valjaanne. Tallinn, Vagab, 1966. 202 p. [In Estonian]

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE, COMPARATIVE—POLISH AND WHITE RUSSIAN

Mal'dzia, A.I. [Creative fraternal relations; White Russian and Polish literary relations in the 19th century] Tvorchae pabratel'stva; belaruskai-pol'skika literaturnaya uzaemasviatzi u XIX st. Minsk, Navuka i tekhnika, 1966. 167 p.

LITERATURE AND COMMUNISM see Communism and literature

LITERATURE AND TUBERCULOSIS see Tuberculosis and literature

LITHIUM COMPOUNDS

Interaction between lithium ferrite and lithium aluminate. E.I. Maslova, T.I. Samsonova, N.A. Strakalenko. Metod. izuch. veshch. sost. 1 kh prin. no. 1:99-103 '65.

Polymerization of 1,3-pentadiene under the effect of butyllithium. I.D. Afanas'ev, I.A. Lavshina, G.N. Petrov. Dokl. AN SSSR 168 no. 1:95-98 My '66.

Unsaturated organogermanium compounds. Part 3: Reaction of butyllithium with 1,3-enyne germanium hydrocarbons. M.D. Stadnichuk. Zhur. ob. khim. 36 no. 5:937-941 My '63.

LITHIUM FLUORIDE CRYSTALS

Strength of lithium fluoride whiskers thinner than 1 μ . V.A. Fridman. Fiz. tver. tela 8 no. 4:1079-1082 Ap '66.

LITHIUM FLUORIDE CRYSTALS, EFFECT OF RADIATION ON

Effect of X rays on certain properties of lithium fluoride single crystals. L.A. Golubeva and others. Fiz. tver. tela 8 no. 3:660-663 Mr '66.

LITHIUM HYDRIDE

Compressibility of lithium hydride. Y.F. Voronov and others. Fiz. tver. tela 8 no. 5:1643-1645 My '66.

LITHIUM-MAGNESIUM ALLOYS see Magnesium-lithium alloys

LITHUANIA—AGRICULTURAL MACHINERY

Gerulaitis, V., comp. [Practical work with agricultural machinery] Zemes uklo masinu praktikos darbai. Vilnius, Mintis, 1966. 269 p. [In Lithuanian] (DNAL)

LITHUANIA—AGRICULTURAL MACHINERY (Continued)
Lietuvos žemės ūkio mechanizacijos ir elektrifikacijos mokslinio tyrimo institutas. [Mechanization of agricultural production] Apie žemės ūkio gamybos mechanizaciją. Vilnius, Mintis, 1965. 129 p. [In Lithuanian] (DNAL)

LITHUANIA—AGRICULTURE
Vasiliauskas, Petras. [Cultivation practices] Agrotechnika. 3. leidimas. Vilnius, Mintis, 1966. 439 p. [In Lithuanian] (DNAL)

LITHUANIA—ART SCHOOLS
Lietuvos TSR Valstybinis Dailės institutas. [State Art Institute of the Lithuanian S.S.R.] Lietuvos TSR Valstybinis Dailės institutas. Vilnius, Valstybinė polit. ir mokslines lit-ros leidykla, 1960. 180 p. (chiefly illus.) [In Lithuanian]

LITHUANIA—ATHEISM
Jurionienė, Genovaitė. [Unordered Mass] Neupirktos misijos. Vilnius, Mintis, 1966. 87 p. [In Lithuanian]

LITHUANIA—BRUSH
Jankauskas, Vytautas, and Algimantas Šriupša. [Chemical and mechanical elimination of brush] Cheminis-mechaninis krūmų naikinimas. Vilnius, Mintis, 1965. 74 p. [In Lithuanian] (DNAL)

LITHUANIA—BUILDING MATERIALS INDUSTRY
Practices of enterprises in the Lithuanian S.S.R. A. Brazauskas, I. Kapacauskus. Strol. mat. II no. 3:12-15 Mr '65.

LITHUANIA—CATHOLIC CHURCH
Kazargis, Algirdas. [With violence and perfidy] Smurtas ir kalta. Vilnius, Mintis, 1966. 34 p. [In Lithuanian]

LITHUANIA—CLEARING OF LAND
Jankauskas, Vytautas, and Algimantas Šriupša. [Chemical and mechanical elimination of brush] Cheminis-mechaninis krūmų naikinimas. Vilnius, Mintis, 1965. 74 p. [In Lithuanian] (DNAL)

LITHUANIA—COMMUNISM AND SOCIETY
[People of tomorrow] Rytolojų žmonės. Vilnius, Mintis, 1966. 108 p. [In Lithuanian]

LITHUANIA—COMMUNIST COMPETITION
Vilna. Partijos istorijos institutas. [Work and live in the communist way; documents and materials on the communist labor movement in Soviet Lithuania, 1958-1964] Dirbti ir gyventi komunistiškai; dokumentai ir medžiaga apie judėjimą už komunistinį darbą Tarybų Lietuvoje (1958-1964). Vilnius, Mintis, 1965. 331 p. [In Lithuanian]

LITHUANIA—COMMUNIST EDUCATION
[Ideological work in rural areas] Ideologinis darbas kaime. Vilnius, Mintis, 1966. 174 p. [In Lithuanian]

LITHUANIA—COMMUNIST ETHICS
Balys, Antanas. [The position of man; a publicist's talk about communist morality] Žmogus poezija; publicistinis pasakalėjimas apie komunistinę moralę. Vilnius, Mintis, 1966. 120 p. [In Lithuanian]

LITHUANIA—COMMUNIST PARTY
Gaska, Ignas. [They grew up in struggle] Kovų augintiniai. Vilnius, Vaga, 1965. 201 p. [In Lithuanian]

LITHUANIA—CONSTRUCTION INDUSTRY
At construction projects in Lithuania. L. A. Zilmanas. Biol. etrol. tokh. 27 no. 3:37-38 Mr '65.

LITHUANIA—COURTS
Likas, Albinas, Alfonsas Žiurlys, and Aronas Liakas. [Procedures for elections of people's courts] Liaudies teisėmų rinkimų tvarka. Vilnius, Mintis, 1965. 54 p. [In Lithuanian]

LITHUANIA—CRIMINAL LAW
Deksnys, Vladas, and Valerijonas Sadreika. [Crimes against public safety and order] Nusikaltimai visuomenės saugumui ir viešajai tvarkai. Atsakingsis red. V. Galnaitis. Vilnius, Mintis, 1965. 20 p. (Laudes tarojo biblioteketo) [In Lithuanian]

LITHUANIA—DESCRIPTION AND TRAVEL
[Lithuania today] Lietuva šiandien. Vilnius, Mintis, 1965. 79 p. [In Lithuanian]

LITHUANIA—DUCKS
[Duck farming] Angių auginimas. [By] K. Jackūnas ir kt. Vilnius, Mintis, 1966. 90 p. (Žemės ūkio darbuotojų biblioteketo) [In Lithuanian] (DNAL)

LITHUANIA—ELECTIONS
Likas, Albinas, Alfonsas Žiurlys, and Aronas Liakas. [Procedures for elections of people's courts] Liaudies teisėmų rinkimų tvarka. Vilnius, Mintis, 1965. 54 p. [In Lithuanian]

LITHUANIA—FEEDS
Bliznikienė, Bronislava. [Chemical composition, nutritional value and calorificity of fodder] Pasaru cheminė sudėtis, maistingumas ir kalorifingumas. Vilnius, Mintis, 1966. 59 p. [In Lithuanian] (DNAL)

LITHUANIA—FIELD CROPS—FERTILIZERS AND MANURES
Action of organic and mineral fertilizers in experiments of many years with turf-calcareous soils of the Lithuanian S.S.R. K. Pleševičius. Vilnius, dlt. prim. uob. na. pod. poch. i prod. seveobor. no. 2:103-121 '64.

LITHUANIA—FRUIT CULTURE
Venskutonis, V. [Fruit culture] Sodinkinkyste. Vilnius, Mintis, 1966. 383 p. illus. [In Lithuanian] (DNAL)

LITHUANIA—GLASS MANUFACTURE
Strazdas, Kazys. [Glass industry of Lithuania] Lietuvos stiklo pramonė. Vilnius, Lietuvos TSR Ministrų Tarybos Valstybinio statybos reikalų komiteto centrinis techninės informacijos ir propagandos biuras, 1964. 49 p. [In Lithuanian]

LITHUANIA—HISTORY
Lietuvos TSR Mokslų akademija, Vilna. Ekonomikos institutas. [A quarter of a century on the road of socialism] Ketvirtis amžiaus socializmo keliu. Vilnius, Mintis, 1965. 334 p. [In Lithuanian] (CST-1)

Lietuvos TSR Mokslų Akademija, Vilna. Istorijos institutas. [History of the Lithuanian S.S.R.] Lietuvos TSR istorija. Vilnius, Mintis. [In Lithuanian]
Vol. 3. Gaigalaitė, A., R. Sarmaitis, and J. Zuzgda, eds. [From 1917 to 1940] Nuo 1917 iki 1940 metų. 1965. 400 p.

LITHUANIA—HISTORY—SOURCES
Akademija nauk SSSR. Institut istorii. [The chronicle of Bykhovets] Khronika Bykhovetsa. Moskva, Nauka, 1966. 152 p. (Pamatininkai sredi nevekovi istorii narodov SSSR i Vostochnoi Evropy)

Lietuvos TSR Centrinis valstybinis archyvas. [Reestablishment of Soviet government in Lithuania in 1940-1941; a collection of documents] Tarybų valdžios atkūrimas Lietuvoje 1940-1941 metais; dokumentų rinkinys. Vilnius, Mintis, 1965. 345 p. [In Lithuanian]

LITHUANIA—HOUSING FOR PHYSICALLY HANDICAPPED
In step with the time. G. Alekseev. Sots. ohep. 41 no. 5:50-52 My '66.

LITHUANIA—HUMANISM
Jurginis, J. [Renaissance and Humanism in Lithuania] Renesansas ir humanizmas Lietuvoje. Vilnius, Vaga, 1965. 280 p. [In Lithuanian]

LITHUANIA—INDUSTRIES—EXHIBITIONS
Industry of Lithuania at the Exhibition of Achievements of the National Economy. V. Koksia. Inform. bul. VDNKII no. 3:13 My '66.

LITHUANIA—INVENTIONS
Kasperavičius, Petras. [Invention and patents] Išradymai ir patentolėra. Vilnius, Mintis, 1966. 146 p. [In Lithuanian]

LITHUANIA—LABOR AND LABORING CLASSES—MEDICAL CARE
In Lithuania. V. Kleiza. Okhr. truda i sots. strakh. 8 no. 3:7-9 Mr '65.

LITHUANIA—LABOR PRODUCTIVITY
Lois, M. [Labor productivity in building communism] Darbo našumas komunizmo statyboje. Vilnius, Mintis, 1965. 54 p. [In Lithuanian]

LITHUANIA—LAW
Lithuanian S.S.R. Aukščiausioji Taryba. [Fifth session of the Sixth Supreme Soviet of the Lithuanian S.S.R., October 21, 1965. Verbatim report] Patala sessia Verkhovnogo Soveta Litovskoi SSR (shiestogo sozyva) 21 oktiabria 1965 g. Stenograficheski otchet. Vilnius, Mintis, 1966. 90 p.

LITHUANIA—LIBRARIES—EQUIPMENT AND SUPPLIES
Letters to the editor. Bibliotekar' 43 no. 5:57-61 My '66.

LITHUANIA—MACHINE ACCOUNTING
Accounting for goods using keyboard calculating machines. F. Slekys. Buhg. uchët 21 no. 12:54-56 D '64.

LITHUANIA—MEDICAL DELUSIONS
Vaitkevičius, K., and P. Trainys. [Prejudices in popular medicine] Prielatar liaudies medicinoje. Vilnius, Mintis, 1966. 34 p. [In Lithuanian] (DNLM)

LITHUANIA—METEOROLOGY, AGRICULTURAL
Grinevičius, Henrikas, and Vaclovas Scemellovas. [Agricultural meteorology] Žemės ūkio meteorologija. Vilnius, Mintis, 1966. 214 p. [In Lithuanian] (DNAL)

LITHUANIA—MILITARY OFFENSES
Deksnys, Vladas, and Valerijonas Sadreika. [Crimes against public safety and order] Nusikaltimai visuomenės saugumui ir viešajai tvarkai. Atsakingsis red. V. Galnaitis. Vilnius, Mintis, 1965. 29 p. (Laudes tarojo biblioteketo) [In Lithuanian]

LITHUANIA—NEEDLEWORK
Kukunaitis, Ona. [Needlework] Rankdarbiai. Vilnius, Valstybinė polit. ir mokslines lit-ros leidykla, 1959. 275 p. illus. [In Lithuanian]

LITHUANIA—PHYSICAL GEOGRAPHY
Basalykas, Alfonsas. [Physical geography of the Lithuanian S.S.R.] Lietuvos TSR fizinė geografiija. Vilnius, Mintis. [In Lithuanian]
Vol. 2. [Physical geographical regions] Fiziniai geografiniai rajonai. 1965. 465 p.

LITHUANIA—POLITICS AND GOVERNMENT
Demasovičius, Kestutis. [Development of Soviet Lithuanian statehood] Tarybinio valstybingumo vystymasis Lietuvoje. [Vilnius, Mintis, 1966] 195 p. [In Lithuanian]

Lithuanian S.S.R. Aukščiausioji Taryba. [Fifth session of the Sixth Supreme Soviet of the Lithuanian S.S.R., October 21, 1965. Verbatim report] Patala sessia Verkhovnogo Soveta Litovskoi SSR (shiestogo sozyva) 21 oktiabria 1965 g. Stenograficheski otchet. Vilnius, Mintis, 1966. 90 p.

LITHUANIA—RADIOLOGY
From the history of radiogenology in Lithuania. V. G. Micekmaieris. Vest. rent. i rad. no. 2:78-79 '64.

LITHUANIA—RENAISSANCE
Jurginis, J. [Renaissance and Humanism in Lithuania] Renesansas ir humanizmas Lietuvoje. Vilnius, Vaga, 1965. 280 p. [In Lithuanian]

LITHUANIA—SOCIAL CONDITIONS
Obshchestvo "Znanie" Litovskoi SSR. [25 years of Soviet Lithuania] 25 let Sovetskoi Litve. Vilnius, 1965. 54 p.

LITHUANIA—VERDICTS
Likas, Aronas. [Verdict] Teismo nuosprendis. Vilnius, Mintis, 1965. 33 p. [In Lithuanian]

LITHUANIA—VETERINARY HYGIENE
Kubilius, Bronius. [Improvement of veterinary hygiene conditions in live stock farms] Zoologienos salygų gerinimas gyvulininkystės patalpose. Vilnius, Mintis, 1966. 39 p. [In Lithuanian] (DNAL)

LITHUANIA—VISITORS, AMERICAN
Mizarionė, Ieva. [Exciting meetings] Jaudinantys susitikimai. Vilnius, Mintis, 1965. 122 p. [In Lithuanian]

LITHUANIA—WORLD WAR, 1939-1945
Baciurinas, A. [In the struggle for Soviet Lithuania] Kovose už Tarybų Lietuvą. Vilnius, Mintis, 1965. 282 p. [In Lithuanian]

LITHUANIA—WORLD WAR, 1939-1945—ATROCITIES
Eglinis-Elnas, Mejeris. [In the face of death] Mirties fortuoze, Forditbas ir papildytas leidimas. Vilnius, Mintis, 1966. 121 p. [In Lithuanian]
Lietuvos TSR centrinis valstybinis archyvas. [Mass murder in Lithuania, 1941-1944; collection of documents] Masines zudydos Lietuvoje (1941-1944); dokumentu rinkinys. Vilnius, Mintis. [In Lithuanian] Pt. 1. 1965. 345 p.

LITHUANIAN ART see Art, Lithuanian

LITHUANIAN DECORATION AND ORNAMENT see Decoration and ornament, Lithuanian

LITHUANIAN ENCYCLOPEDIAS AND DICTIONARIES see Encyclopedias and dictionaries, Lithuanian

LITHUANIAN LANDSCAPE PAINTING see Landscape painting, Lithuanian

LITHUANIAN LANGUAGE--DICTIONARIES

Lietuvos TSR Mokslu akademijos. Vilna. Botanikos institutas. [Dictionary of botanical terms] Botanikos terminu zodynas. Redagavo J. Dagys, A. Lekavicius ir V. Malisauskienė. Vilnius, Mintis, 1965. 660 p. [In Lithuanian]

LITHUANIAN LANGUAGE--ORTHOGRAPHY

Kadzyte, Liuda. [Teaching spelling in grades 5-8; methodology of teaching Lithuanian] Rasybos mokymas V-VII klasese; lietuviu kalbos destymo metodika. Vilnius, Mintis, 1966. 190 p. [In Lithuanian]

LITHUANIAN LITERATURE--HISTORY AND CRITICISM

Preskionis, B. [Literary criticism in the Lithuanian communist press of 1917-1940] Literatūrinė kritika lietuviu komunistinėje spaudoje 1917-1940. Vilnius, Vaga, 1966. 193 p. [In Lithuanian]

[Yearbook of literature and art for 1965] Literatūros ir meno metraštis 1965. Vilnius, Vaga, 1966. 353 p. [In Lithuanian]

[Yearbook of literature and art for 1966] Literatūros ir meno metraštis 1966. Vilnius, Vaga, 1966. 255 p. [In Lithuanian]

LITHUANIAN NEWSPAPERS

The editor Zinnas. G. Novogrudskii, Sov. pech. no. 5:19-23 My '66.

LITHUANIAN PROVERBS see Proverbs, Lithuanian

LITTERATEURS, LATVIAN

Latvijas Padomju Socialistiskās Republikas Zinatnu akadēmija, Valodas un literatūras institūts. [Literateurs of Latvian literature; a biographical dictionary] Latviesu literatūras darbinieki; biogrāfiska vārdnīca. Rīga, Zinatne, 1965. 375 p. [In Latvian]

LIVER

Activation of the cells in reparative regeneration of the liver in white mice in functional overloading of the organ. N. F. Semenova. Biol. eksp. biol. i med. 58 no. 12:80-83 D '64.

Properties of NAD-kinase from the pigeon liver. V. L. Nemchinskaja and others. Biokhimiia 31 no. 2:306-314 Mr-Apr '66.

LIVER--BIOPSY

Role of punctate biopsy of the liver in the diagnosis of amyloidosis of the internal organs in patients with pulmonary tuberculosis. I. V. Afanas'ev. Probl. tub. no. 6: 49-56 '64.

LIVER--BLOOD SUPPLY

Blood supply of the liver in swine. V. V. Sisk. Uch. zap. Viteb. vet. inst. 18:344-348 '64.

LIVER--CANCER

Case of carcinoid syndrome with azotemia with a lethal outcome. L. S. Basalyk and others. Probl. endok. i gorm. 12 no. 3:48-50 My-Je '66.

Injury of liver cells by α -aminoazotoluene at the early stages of carcinogenesis. G. A. Belitski. TSitologiya 6 no. 4:594-597 Ji-Ag '64.

LIVER--DISEASES

Ceruloplasmin activity as an index of copper metabolism in diseases of the liver. M. A. Borisova. Lab. delo no. 4:214-215 '66.

Changes in the functions of the pancreas in some diseases of the stomach and liver following treatment with Uglich mineral water. E. P. Kulakova. Vop. kur., fizioter. i lech. (Iz. kul't. 29 no. 5:419-424 S-O '64.

Effect of cortisone on water metabolism in dogs under normal conditions and in experimental pathology of the liver. T. S. Sulakvelidze. Fiziol. zhur. 52 no. 5:580-594 My '66.

Erythrocyte sedimentation reaction in parenchymatous degenerative and mesenchymal hepatitis. V. S. Andreeva. Lab. delo no. 4:222-224 '66.

Functional diagnosis of diseases of the liver in cattle. P. V. Kaimakov. Uch. zap. Viteb. vet. inst. 18:160-163 '64.

Microscopic changes in the liver of turkeys with pastorellosis. L. L. Voitov. Veterinariia 43 no. 5:33-35 My '65.

Significance of blood transaminase determination of the diagnosis of liver diseases. M. D. Podil'chak, O. S. Abramovich. Klin. khir. no. 7:20-23 '65.

LIVER--INNERVATION

Enzymes of glucose-6-phosphate metabolism in denervated liver. K. I. Shanygina. Vop. med. khim. 12 no. 3:268-281 My-Je '66.

LIVER--NECROSIS

Liver changes in rats with choline deficiency after coecotomy. Kh. E. Gadzhiev, I. A. Shamov. Vop. pit. 23 no. 4: 50-54 Ji-Ag '64.

LIVER--SURGERY

Current diagnostic methods for diseases of the liver and biliary tract in surgical practice. P. N. Napalkov. Klin. khir. no. 7:3-9 '65.

Effect of lipopolysaccharides from higher plants (phytolipopolysaccharides) on the process of liver regeneration in mice. I. N. Iashina, Z. A. Riablnina, D. N. Gladyshev. Biol. eksp. biol. i med. 58 no. 9: 116-119 S '64.

LIVER--TUMORS

Intracellular distribution and some properties of water-soluble and lipid-bound catalase in normal liver and in transplantable hepatoma. G. A. Drozdova and others. Vop. med. khim. 12 no. 3:227-234 My-Je '66.

LIVER FLUKES

Acute course of fascioliasis in sheep. B. F. Morozhkin and others. Veterinariia 43 no. 5:41-44 My '66.

Effectiveness of hexachloroparaxylene against fascioliasis of cattle. T. P. Vesclova, M. V. Doroshina. Veterinariia 43 no. 5:41-46 My '66.

LIVER FUNCTION TESTS

Biliverdin function of the liver in the combined introduction of pyridoxine with glucose in acute experimental hepatitis. I. Kh. Paschnik. Farm. i toks. 29 no. 2: 192-196 Mr-Apr '66.

Comparative data on the morphology and liver function tests in patients with thyrotoxicosis before and after treatment with β_2 . V. G. Spesivtseva, L. L. Garkina. Probl. endok. i gorm. 10 no. 2:16-23 Mr-Apr '64.

LOADING AND UNLOADING

Loading and unloading bricks in kilns by means of electric loaders. A. G. Tomasov, P. F. Khudakov. Stroim. mat. 11 no. 3:17 Mr '65.

Machine for unloading gypsum partition slabs. A. K. Grabovskii. Stroim. mat. 12 no. 4:39 Ap '66.

Urlo, I. A. M. [Self-loaders with remote control for logging trucks] Samopogruzchiki s dantsionnym upravleniem dlia lesovoznykh avtomobilei. Moskva, Lesnaia promyshlennost', 1966. 155 p.

LOADING AND UNLOADING--EQUIPMENT AND SUPPLIES

Cable grapple for loading and unloading sawed limestone. N. V. Protas. Mekh. stroim. 22 no. 4:14 Ap '65.

Use of ejector pumps in hydraulic unloading of coal. IU. Artukhin, A. Shilerman. Rechn. transp. 23 no. 2: 13-15 '64.

LOCAL HISTORY

Using local history and regional study material in political education courses. I. A. Simon. Komm. Ukr. 40 no. 5:60-64 My '66.

LOCAL TRANSIT--ABSTRACTS

[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. no. 5 My '66

LOCATION OF INDUSTRIES see Industries, Location of

LOCKS (HYDRAULIC ENGINEERING)

(see also subdivision under Moskva River)

The elastic kinematics of two-leaf lock gates with horizontal girder arrangement. E. Nefedov. Rechn. transp. 23 no. 4:45-46 '65.

LOCKS (HYDRAULIC ENGINEERING)--DESIGN AND CONSTRUCTION

Concrete work in building a navigable lock. V. I. Bozhikarov, T. M. Humannyl, I. P. Safonov. Energ. stroim. no. 2:47-55 '65.

LOCOMOTIVES--MAINTENANCE AND REPAIR

(see also subdivision under Siberia, Western)

Make a more efficient use of depot repair bases. V. G. Merezko. Elek. i teplot. tuga 10 no. 4:3-8 Ap '66.

Presence of a seal on the locomotive is the guarantee of a high-quality technical inspection. G. M. Destator, N. V. Pratsko, N. A. Iarkin. Elek. i teplot. tuga 10 no. 1: 23-24 Ja '66.

LOCOMOTIVES--PAINTING

Vasil'ev, I. P. [Painting of cars and locomotives] Okraska vagonov i lokomotivov. Moskva, Transport, 1966. 313 p.

LODGING (PLANTS)

All-Union Symposium on the Resistance of Plants to Lodging. L. L. Kosheleva. Fiziol. rast. 13 no. 1:189-190 Ja-F '66.

Use of the resistance formula in evaluating the stability of spring barley varieties against lodging. L. S. Zent'sheva, I. A. Lekesh. Vest. sel'khoz. nauk 11 no. 4:120-123 Ap '66.

LOESS

(see also subdivision under Caucasus)

Experimental studies of the bearing capacity of piles in loess. I. V. Finaev, G. V. Kanaev. i mekh. grun. 8 no. 3:28-31 '66.

Experimental studies of the joint performance of tie bolts and foundations in loess of the Tugayenko. Izv. vys. ucheb. zav., stroim. i arh. 22-31 '66.

Nomenclature characteristics of the mapping. V. P. Anan'ev, I. A. D. Gil'man. Osn., fund. i mekh. 8 no. 3:19-21 '66.

Practices in compacting loess soils. Kh. Askarov, P. Zabolotnyi. Stroim. i arh. 1 no. 7:36-38 Ji '64.

Use of loess in the manufacture of lime. M. S. Shvartszaid, E. S. Grodzinskaya. Stroim. i arh. 1 no. 7:36-38 Ji '64.

LOGARITHMS

Law of the iterated logarithm. V. V. Petrov. Izv. vuzov. 21 no. 7:63-67 '66.

LOGIC

Kolman, Arnold, and Otakar Zich. [Logic] Ing. Translated from the Czech. Znamena, Moskva, Nauka, 1966. 126 p. (Nashinaia seriya)

LOGIC--CONGRESSES

Soveshchaniia po sovremennym problemam razvitiia cheskoj dialektiki, Moscow, 1965. [Abstracts of scientific knowledge; materials] Itogi nauchnogo poznaniia; materialy. Moskva, 429 p. (Sovremennye problemy materialnoi dialektiki)

LOGIC, SYMBOLIC AND MATHEMATICAL

Criterion of functional completeness for the Jaskowski's first matrix. M. V. Iosadskii. SSSR 168 no. 3:524-527 My '66.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1911

The Lomonosov period in the history of science on the 200th anniversary of M. V. Lomonosov. N. E. Dik. Vest. Mosk. univ. Ser. fiz.-mat. 10 Mr-Apr '65.

Medical and hygienic problems in M. V. Lomonosov's works on electricity. Vop. kur. fizioter. i lech. kul't. 29 no. 5:456-458 S-O '64.

LONGEVITY

Geography of longevity in the U.S.S.R. Trudy MOIP, Otd. biol. 17:1-16 '66.

Role of heterosis in the longevity of mice. B. R. Boryshov. Trudy MOIP, Otd. biol. 17:1-16 '66.

LOOMS

Effect of some parameters of loom filling on the rate of the cloth fall distance. V. A. Iosadskii. Izv. vuzov. 22 no. 2:3-8 '66.

Effect of the design of a mobile beam planetary regulator on the changes in the rate of IU. P. Erokhin. Izv. vys. ucheb. zav., stroim. i arh. 22 no. 2:82-87 '66.

Nonuniformity of the loading of main shafts of AT-100-5M looms during the heating process. Grishin, K. F. Kulikov. Izv. vys. ucheb. zav., stroim. i arh. 22 no. 2:161-165 '66.

LOOMS--PARTS

Redesigned heavy type dobby. V. I. Sisk. Stroim. i arh. 20 no. 5:57-61 My '66.

LOUDSPEAKERS

Type 2KZ-1 and 2KZ-2 loudspeaker devices for amplification systems. G. A. Popov. Vop. kur. fizioter. i lech. kul't. 29 no. 5:30-32 My '66.

LOW TEMPERATURE ENGINEERING--EQUIPMENT AND SUPPLIES

Strakhovich, K. I., ed. [Expansion machinery] Rasshiritel'nye mashiny. [By] K. I. Strakhovich. Moskva, Mashinostroenie, 1966. 208 p.

LOW TEMPERATURE METALS see Metals, Low temperature

LOW TEMPERATURE RESEARCH

Three miracles of physics. H. I. Pinaev. Izv. vuzov. 10-21 My '66.

LUBRICATION AND LUBRICANTS

Gol'dberg, D. O., and B. A. Sobolev. [Propane] Dezasf'rizatsiia propana. Moskva, 1965. 102 p. (Biblioteka mashinostroyeniia)

Learn to protect equipment. A. Uvarov. Stroim. i arh. 24 no. 4:67-69 Ap '66.

LUBRICATION AND LUBRICANTS (Continued)

Lubrication for a lifetime. B. Volodin. Izobr. i rats., no. 3:20-21, 29 Mr '66.
Synthetic fatty acids as raw materials for lithium soaps-
greases. V. V. Vainshtok and others. Neftepet. i
neftekhim. no. 5:23-29 '66.

LUBRICATION AND LUBRICANTS—ADDITIVES

Accelerated method for determining barium and zinc in
additives and oils with additives. N. M. Shustakova, Z. P.
Toporova. Neftepet. i neftekhim. no. 5:16-18 '66.
Automation of alkylphenol washing in an installation for
the production of additives. G. I. Izvekov, I. E. Skorikov.
Neftepet. i neftekhim. no. 3:43-45 '66.
Method of determining barium in lubricants with additives.
N. S. Churilla, S. P. Perfilova. Elektr. i teplot. dia. 10
no. 1:30-31 Ja '66.

LUBRICATION AND LUBRICANTS—PLASTIC PROPERTIES

Some characteristic properties of silica gel plastic
lubricants from petroleum oils. V. V. Shitsyn, M. B.
Bakalnikov. Neftepet. i neftekhim. no. 3:20-24 '66.

LUBRICATION AND LUBRICANTS—TESTING

Results of laboratory and operational tests of synthetic
consistent lubricants. M. I. Borisov, S. G. Kolytyn,
P. N. Lulvig. Eksp. i tekhn. aviat. i prim. aviat. op.,
smaz. i mot. i spets. zhizn. no. 4:125-134 '66.

LUDWIGITE see subdivision under Transbaikalia

LUGANSK—DRUG INDUSTRY

Work at the Lugansk Chemical Packing Laboratory.
M. I. Podolskiy. Farmats. zhur. 20 no. 3:65-68
'65.

LUGANSK—SWINE—FEEDING AND FEEDS

Pig swine fattening on a commercial basis. B. Burdakov.
Sov. tovg. 39 no. 5:41-43 My '66.

LUGANSK PROVINCE—LANDSCAPE GARDENING

Landscape gardening in Lugansk Province. I. Eleney,
E. Nikolaeva, M. Dikala. Zhil. stroit. no. 8:20-21 '64.

LUKOYANOV (GORKIY PROVINCE)—PRODUCE TRADE

Leading communist labor procurement office....
V. Nikulin. Zakup. sel'khoz. prod. no. 4:49-52 Ap '66.

LUMBER—DRYING

Mathematical description of an air-and-steam lumber-drying
chamber with periodic action as a single-capacity member
with retarded control. A. A. Smirnov, G. P. Kuz'minov.
Izv. vys. ucheb. zav. i les. zhur. 9 no. 1:163-168 '65.
Regulating the temperature in metal lumber kilns. E. S.
Bogdanov. Der. prom. 14 no. 3:10-13 Mr '65.

LUMBER—TRANSPORTATION

(see also subdivision under Ukraine)

Dynamics of a lumber transport car on a narrow-gauge
railroad. G. K. Lendak. Izv. vys. ucheb. zav. i les. zhur.
9 no. 1:78-84 '66.

Scour protection of the channel below timber-floating
dams. A. D. Titova. Izv. vys. ucheb. zav. i les. zhur.
9 no. 1:71-77 '66.

Chin, A. M. [Self-loaders with remote control for log-
ging trucks] Samopogruzechniki s dstantionnym uprav-
leniem dlia lesovoznykh avtomobiley. Moskva, Les-
snaya promyshlennost', 1968. 155 p.

LUMBER TRADE

Level of profitability depending on the concentration of the
lumbering industry. N. I. Kokarev. Izv. vys. ucheb. zav. i
les. zhur. 9 no. 1:99-103 '66.

LUMBERING

(see also subdivision under Kom. A.S.S.R.)

Akademiya nauk SSSR. Institut khimicheskoi fiziki.
[Chemiluminescent methods of studying slow chemical
processes] Khemiluminiscentnyye metody issledovani-
ya medlennykh khimicheskikh protsessov. [By] V. I. A.
Shliapnikova i dr. Moskva, Nauka, 1966. 200 p.

Sokolov, T. D. [Wood processing at consumers' goods
workshops of forest working circles] Pererabotka
drevsniny v tsokhakh shiroptreba leskhozov. Moskva,
Lesnaya promyshlennost', 1964. 98 p. (Biblioteka
lesnika i mestnaya lesa, no. 10)

Solving problems in the distribution of lumbering and
woodworking industry enterprises. P. I. Goryshin, K. B.
Starobin. Trudy LIEI no. 58:63-69 '66.

LUMBERING—MACHINERY

(see also subdivision under Kiev Province)

Artamonov, M. D., and Iu. V. Mikhailovskii. [Teaching
special technology to tractor operators in lumbering
operations] Predpodavanie spetsial'noi tekhnologii trak-
toristam - mekhanizatoram na lesozagotovitel'nykh
rabortakh. Moskva, Vysshaya shkola, 1966. 156 p.

LUMINESCENCE

Borzhnevskiy, E. A. [Luminescent analysis of inorganic
substances] Luminescentnyi analiz neorganicheskikh
veshchestv. Moskva, Khimiya, 1966. 415 p.

Electroluminescence induced by monopolar voltage
pulses, and the mechanism underlying glow excitation.
A. M. Donch-Bruevich, A. V. Burlakov. Fiz. tver. tela
8 no. 4:1291-1293 n.p. '66.

Luminescence of Ukrainian diamonds. Iu. O. Polkanov,
Dop. AN URSR no. 4:526-528 '66.

Sensitivity of luminescent analysis and quantum yield
of luminescence of aluminum, gallium, and indium
hydroxyquinolates. A. K. Babko, S. P. Baranov,
Iu. D. Titkov. Ukr. khim. zhur. 32 no. 5:494-502 '66.

LUMINESCENCE—BIBLIOGRAPHY see Bibliography— Luminescence

LONACHARSKII, ANATOLIY VASIL'EVICH, 1875-1933

Malinin, A. S. [Lonacharskii on proletarian writers]
Lonacharskii o proletarskikh pisatelakh. Minsk, Vys-
shaya shkola, 1965. 71 p.
(MB) (NIC)

LUNGS

Reflex changes in blood circulation following stimulation
of the pulmonary stretch receptors. R. Iu. Loga. Fi-
ziol. zhur. 50 no. 10:1227-1239 O '64.

LUNGS—ADSCERS

Shalay, M. I. [Short outline of the pathogenesis, clinical
aspects, treatment and prevention of lung suppura-
tion] Kratkiy ocherk patogenez, kliniki, lecheniya i
profilaktiki legochnykh nagnenii. Perm', Permskoe
kuzhnoe izd-vo, 1964. 234 p.
(DNLM)

LUNGS—CANCER

Analysis of bronchoscopic symptoms of lung cancer with
the aid of an electronic digital computer. G. I. Lukom-
skii and others. Grud. khir. 8 no. 2:74-79 Mr-Ap
'66.

Association of tuberculosis and lung cancer. I. I. Neimar,
D. A. Naimark. Probl. tub. no. 9:82-84 '64.

Bronchopneural complications following a lung resection
in relation to the anatomoclinical form of cancer.
N. D. Garin, N. A. Os'makov. Grud. khir. 8 no. 2:
80-83 Mr-Ap '66.

Cancer of the lungs in the clinical aspects of tuberculo-
sis. A. K. Poleshchuk. Probl. tub. 42 no. 6:41-46 '64.

Case of hemangioendothelioma. I. A. Edel'man. Vest.
rent. i rad. 41 no. 2:91-95 Mr-Ap '66.

Differential X-ray diagnosis of the "small" peripheral
lung cancer. L. A. Gurevich. Vop. onk. 12 no. 5:9-15
'66.

Ecotopic chorionepithelioma in a male. V. G. Beketova,
S. N. Zil'berman. Vest. rent. i rad. 41 no. 2:96-97
Mr-Ap '66.

Large-focus skin distance gamma therapy of peripheral
cancer of the lung through a lead grid. I. A. Pereslegin,
D. S. Stepin. Vest. rent. i rad. 41 no. 2:68-72 Mr-Ap
'66.

Morphological changes originating in the lungs following
radiotherapy of lung cancer. E. D. Savchenko, I. A.
Pereslegin, V. P. Slachonin. Med. rad. 9 no. 4:29-31
Ap '64.

Role of bronchological examinations in determining the
operability of lung cancer. A. V. Grigorian, B. P.
Fedorov, S. V. Lokhvitskii. Grud. khir. 8 no. 2:98-104
Mr-Ap '66.

Significance of bronchoscopy in the detection of broncho-
pulmonary cancer in pulmonary tuberculosis. Iu. M.
Guzeev. Probl. tub. no. 9:81-85 '64.

State of external respiration in patients with lung cancer.
S. V. Lokhvitskii. Vop. onk. 12 no. 5:3-9 '66.

LUNGS—DISEASES

Case of essential pulmonary hemosiderosis. L. B. Goll-
taysa, E. D. Timasheva. Probl. tub. no. 9:77-78 '64.

Chronic idiopathic pulmonary hemosiderosis. V. M. Sa-
khurova, S. I. Kheifets. Probl. tub. no. 9:78-80 '64.

Contour aspiration bronchography in various lung diseases.
B. K. Sharov. Probl. tub. no. 5:25-28 '64.

Morphological changes in the lungs in paratuberculosis and
paratuberculosis infections in nonimmunized and immunized
white mice. E. V. Ryzhikov, E. A. Mamaeva, Zhur.
mikrobiol., epid. i immun. 43 no. 4:35-39 Ap '66.

Pneumocystosis: survey of the literature. B. A. Timofeev
and others. Veterinariya 42 no. 4:53-56 Ap '66.

So-called sequestration of the lung and its intravital
diagnosis. I. E. Rabkin and others. Vest. rent. i
rad. 41 no. 2:10-18 Mr-Ap '66.

State of respiratory organs in Icenko-Cushing's disease;
X-ray anatomical comparison. V. B. Zait'ians, A. I.
Iukhman. Probl. endok. i gorm. 12 no. 3:7-11 My-Je
'66.

Topic X-ray diagnosis of pathological formations in the
lungs and its use in tomography. S. A. Sedov. Vest.
rent. i rad. 41 no. 2:50-52 Mr-Ap '66.

X-ray diagnosis of intralobular sequestration of the lungs.
D. I. Posvylov, B. S. Vikhrev. Vest. rent. i rad. 41 no. 2:
3-10 Mr-Ap '66.

LUNGS—INNERVATION

Lung nerves in swine. A. A. Kozoleva. Uch. zap. Viteb.
vet. inst. 18:332-337 '64.

LUNGS—RADIOGRAPHY

Differential X-ray diagnosis of the "small" peripheral
lung cancer. L. A. Gurevich. Vop. onk. 12 no. 5:9-15
'66.

LUNGS—SURGERY

Bronchopneural complications following a lung resection
in relation to the anatomoclinical form of cancer.
N. D. Garin, N. A. Os'makov. Grud. khir. 8 no. 2:80-
83 Mr-Ap '66.

Case of a successful decortication combined with the
resection of the upper lobe in ineffective extrapleural
pleurothorax with acid balls. Iu. N. Pavlova. Grud. khir.
8 no. 2:123-125 Mr-Ap '66.

Clinicomorphological characteristics of bronchial fistu-
las following pneumonectomy in tuberculosis. L. K. Bo-
gush and others. Probl. tub. no. 7:12-18 '65.

Early exacerbations of tuberculosis following lung resec-
tion. G. A. Kuchkina. Probl. tub. no. 7:19-23 '65.

Electrophysiological study of the state of the respiratory
apparatus 10 years after pneumonectomy for tuberculo-
sis. V. P. Gorev. Probl. tub. no. 7:71-75 '65.

Hypothetical and true extent of lung resection in non-
specific diseases. M. R. Roldskii. Grud. khir. 8
no. 2:60-65 Mr-Ap '66.

Lung resection in focal tuberculosis. V. D. Goldshstein,
B. S. Dubasov, I. I. Frishberg. Grud. khir. 8 no. 2:
94-98 Mr-Ap '66.

Lung resections in mycosis. F. P. Saburenkova. Grud.
khir. 8 no. 2:55-60 Mr-Ap '66.

Resection of lungs in pulmonary tuberculosis patients de-
tected for the first time. G. Z. Goret'skaia, D. B. Rezn-
nik, I. A. Chatskii. Probl. tub. no. 7:81-82 '65.

Study of the coagulation properties of the blood following
surgical interventions in tuberculosis patients. Z. I. A.
Ipskii. Probl. tub. 42 no. 6:49-55 '64.

Surgical treatment of spontaneous pneumothorax. I. Z.
Signal. Probl. tub. 42 no. 6:46-48 '64.

X-ray diagnosis of bronchial reconstruction following
partial resection of the lungs. Iu. A. Muzonskii, N. V.
Kolerova. Vest. rent. i rad. 41 no. 2:52-62 Mr-Ap
'65.

LUNGS—TUMORS

Case of a pulmonary chondroma. R. S. Fentk, L. V.
Zalubovskii. Grud. khir. 8 no. 2:127-128 Mr-Ap '66.

Diagnostic significance of determining the growth rate
of a spherical formation in the lungs. E. A. Likhten-
shstein, S. I. Marmorshtein. Vest. rent. i rad. 41
no. 2:18-23 Mr-Ap '66.

LUPINE—DISEASES AND PESTS see subdivision under Ukraine

LUPINE—FERTILIZERS AND MANURES

Absorption of phosphorus from soil phosphates and
fertilizers by lupine. S. N. Ivanov, V. I. Malveeva.
Dokl. AN BSSR 10 no. 4:269-272 Ap '66.

LUSHCHIKOV, MIKHAIL NIKOLAEVICH, 1905-

Mikhail Nikolaevich Lushchikova, E. Mezheva. Vest.
sel'khoz. nauki 10 no. 12:138 D '65.

LYOV—FURNITURE INDUSTRY

Imitation finishing of furniture by the photomechanical
method. I. A. Bavura. Lis., pap. i der. prom. no. 2:
4-8 Mr-Ap '66.

LYOV—FURNITURE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Proposals of efficiency promoters at the "Karpaty" Furni-
ture Firm in Lvov. S. N. Vyshnepol's'ka, L. A. Levkina.
Lis., pap. i der. prom. no. 2:19-20 Mr-Ap '66.

Proposals of efficiency promoters at the Lvov Furniture
Production Industrial Combine. Z. A. Dvornik, Lis.,
pap. i der. prom. no. 2:21-23 Mr-Ap '66.

LYOV—MUSHROOMS—PRESERVATION

A new technique of the secondary finishing processing
of marinated mushrooms. V. Khraba. Sov. potreb.
10 no. 5:35 My '66.

LYOV—TECHNICAL EDUCATION

Ukraine. Ministerstvo vysshego i srednego spetsial'-
nogo obrazovaniya. [Lvov Polytechnic Institute] Lvov-
skii politekhnicheskii institut. [Lvov] Izd-vo Lvov-
skogo univ., 1965. 12 p. illus. (Vystavka dostizhenii
narodnogo khoziaistva SSSR)

LYOV PROVINCE—CONTAINERS

Thrill in everything. G. Kirilluk. Zakup. sel'khoz. prod.
no. 4:40 Ap '66.

LVOV PROVINCE—PUNCHED CARD SYSTEMS— COOPERATIVE SOCIETIES

Machine accounting in a general supply depot. V. Gorelkin. Sov. potrebn. koop. 10 no. 5:31-33 My '66.

LYMPH

Akademika nauk SSSR. Institut morfologii zhivotnykh. [Lymphoid tissue in regenerative and protective processes] Limfoidnaya tkan' v vosstanovitel'nykh i zashchitnykh protsessakh. Moskva, Nauka, 1966. 145 p.

LYMPHADENOMA see Hodgkin's disease

LYMPHANGIOGRAPHY

Importance of direct lymphography in the diagnosis of metastases of cancer of the rectum. S. N. Fain. Vop. onk. 12 no. 5:18-24 '66.

LYMPHATICS

Changes in the endothelium of the lymphatic vessels of the serous membranes in acute experimental radiation sickness. V. I. Mil'ko, L. V. Chernysenko. Klin. khir. no. 7:67-71 '65.

Content of nucleic acids in lymphoid tissue following immunization of rabbits with heated typhoid vaccine. L. I. Krasnoproskina, M. V. Dalin. Biol. eksp. biol. i med. 58 no. 9:92-97 S '64.

Histochemical study of alkaline phosphatase in lymphoid tissue of guinea pigs immunized with various antigens. D. N. Stoiakov. Arkh. pat. 28 no. 4:43-49 '65.

Lymphatic vessels of the heart in myocardial infarct. G. V. Savel'ev. Arkh. pat. 28 no. 3:41-46 '66.

Neurogenic and myogenic electrical activity of the somatic muscle of the lymph heart. N. A. Itina, N. F. Skorobovich. Fiziol. zhur. 50 no. 9:1113-1121 S '64.

Paths of the lymph flow from the distal segments of the pelvic extremity of a horse. P. F. Sorokovoi. Trudy Moskv. vet. akad. 10:130-147 '56.

LYMPHATICS—CANCER

Clinical aspects and diagnosis of reticulosarcomatosis and lympho-sarcomatosis. G. I. Alkhutova. Sov. med. 28 no. 9:118-123 S '64.

LYMPHATICS—RADIOGRAPHY

Tomographic study of intrathoracic lymph nodes and bronchovascular changes in pulmonary tuberculosis. G. V. Gol'tsman. Probl. tub. 42 no. 6:59-63 '64.

Use of some lead salts in X-ray examination of the lymphatic system. N. N. Kriukov. Trudy Moskv. vet. akad. 10:148-151 '56.

LYMPHATICS—TUBERCULOSIS

Tuberculous lymphadenitis of the submaxillary region and neck. V. I. A. Vytrishchak. Vest. khir. 96 no. 4:82-84 Ap '66.

LYMPHOID TISSUE

Study of allergic alterations in lymphoid cells in experimental oncephalomyelitis. T. M. Tsaregorodtseva. Vest. AMN SSSR 21 no. 5:81-85 '66.

LYOPHILIZATION

Equipment for lyophilization of blood preparations and automation of the drying process. M. V. Podolskii. Probl. gemat. i perel. krovi 11 no. 3:52-54 Mr '66.

Study of the morphological characteristics of lyophilized thrombocytes. A. A. Totskaya, N. D. Ufianova. Probl. gemat. i perel. krovi 11 no. 3:49-51 Mr '66.

Sublimation drying in vacuum. T. D. Zakhrapina, V. B. Romanov. Vest. sel'khoz. nauki 11 no. 2:99-102 F '66.

LYUBINSKY DISTRICT—SHOE INDUSTRY

A wholesale-retail store. S. Mal'kov. Sov. potrebn. koop. 10 no. 5:27-30 My '66.

MACARONI

Gus'kov, K. P., and B. M. Azarov. [Perforated plates in macaroni production] Perforirovannye plastiny v makaronnom proizvodstve. Moskva, TsINTIPishche-prom, 1965. 47 p.

MACEDONIA—HISTORY

Some problems of ancient Macedonia discussed in the works of the French historian Paul Cloché. A. S. Shofman. G. V. Atlasov. Vop. ist. vseobshch. ist. no. 1:111-154 '64.

A theory of the Greek origin of Macedonians. A. S. Shofman. Vop. ist. vseobshch. ist. no. 1:89-110 '64.

MACEDONIANS

A theory of the Greek origin of Macedonians. A. S. Shofman. Vop. ist. vseobshch. ist. no. 1:89-110 '64.

MACHINE ACCOUNTING

(see also subdivision under Donets Economic Region; Lithuania; Tikhoretsk, Krasnodar Territory)

Develop the theory of accounting in connection with its mechanization. V. Isakov. Vest. stat. no. 5:15-25 '66.

Machine accounting for materials in the "Sel'khoztekhnika" branches. V. Skliarenko. Bukhg. uch. 21 no. 12:56-58 D '64.

Machine accounting for the articles of little value that depreciate rapidly. V. Pak, I. Petrova. Bukhg. uch. 21 no. 12:49-51 D '64.

Mechanize managerial work more freely. K. Melkhanov. Nar. khoz. Kazakh. 24 no. 4:77-79 Ap '66.

New stage in the development of machine accounting. A. Pisarev. Bukhg. uch. 21 no. 12:10-16 D '64.

MACHINE MOLDING (FOUNDING)

Dimensional accuracy of iron castings. V. F. Bez'jazychnyi. Lit. proizv. no. 4:23-29 Ap '66.

Molding of bathtubs by the pressing method. N. I. Ushkan. Lit. proizv. no. 2:42-43 F '64.

MACHINE PARTS

Ambarov, V. A. [Methods manual for a course project on machine parts] Metodicheskie posobie k kursovomu proektu po detaliam mashin. Moskva, Moskv. tekhn. in-t masinot i molochnoi promyshl., 1965. 123 p. [Supplement] Prilozhenie 1 v. (chiefly illus.)

Calculating local deformations (deflections) of guides. V. V. Kamenskaya, D. N. Reshetov. Izv. vys. ucheb. zav.; mashinostr. no. 11:42-60 '64.

Feed control systems. Tekhn. est. no. 2:25-26 F '66.

Podnos, G. E. [Using universal pressure-cast molds and introducing the group method for the manufacture of the group method for the manufacture of plastic parts on the basis of their technological classification] Primenenie universal'nykh pressform i vnedrenie gruppovogo metoda izgotovleniya na osnove tekhnologicheskoi klassifikatsii detalей iz plastmass. Leningrad, 1965. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Sinteticheskie materialy i oblasti ikh primeneniya)

MACHINE PARTS—DESIGN AND CONSTRUCTION

Smirnov, A. S. [Methods for introducing State Standard 10356-63 in design specifications] Metodika vnedreniya GOSTa 10356-63 v konstruktorskuyu dokumentatsiyu. Leningrad, 1966. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Ulyucheniye kachestva, povysheniye nadezhnosti i dolgovечnost' mashin, priborov i drugikh promyshlennykh izdelii)

MACHINE PARTS—MAINTENANCE AND REPAIR

Certain parameters of the process of electric resistance built-up welding. I. V. Klimenko. Avtom. svar. 19 no. 4:64-66 Ap '66.

MACHINE PARTS—MODELS

Modeling the initial stage of plastic deformation of structural components. I. A. Kozlov. Prikl. mekh. 2 no. 5:42-49 '66.

MACHINE PARTS—TESTING

Electroinductive control of parts subjected to tensile stress. S. L. Naumov, K. V. Markevich. Defektoskopiya 2 no. 2:34-37 '66.

MACHINE-SHOP PRACTICE

Device for putting on rubber cups on the brake cylinder pistons of the "Volga" automobile. I. P. Kukoba, V. S. Martem'yanov, V. P. Dlin. Avt. prom. 32 no. 4: 45-46 Ap '66.

Optimal service of an automatic shop equipped with transfer machine lines. I. A. Klusov, I. P. Paderno. Avtomatiz. proizv. prots. v mashinostr. i prib. no. 2:37-41 '65.

Sergeev, M. A. [Handbook for the machinist] Spravochnik elekara. Izd. 2., ispr. i dop. Pod obshech. red. V. A. Blumberga. [Leningrad] Lentizdat, 1965. 406 p.

System of basing structural elements in assembling. V. V. Pavlov. Izv. vys. ucheb. zav.; mashinostr. no. 2: 123-127 '66.

MACHINE-SHOP PRACTICE—MATHEMATICAL MODELS

Matrix modeling of calendar plans for machining parts. V. A. Petrov. Trudy LIEI no. 58:105-134 '66.

MACHINE-TOOL INDUSTRY

A giant step on the road to communism. Stan. i instr. 37 no. 5:1-2 My '66.

MACHINE-TOOL INDUSTRY—RELIABILITY see subdivision under Vitebsk

MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

MACHINE TOOLS

New machine tools and devices. Stan. i instr. 37 no. 5: 44-45 My '66.

Position of the cross bar in machine tools with crankgears. B. A. Fedorov. Stan. i instr. 37 no. 5:37 My '66.

MACHINE TOOLS—ATTACHMENTS

Murashov, A. M. [Forming units of machine-tool attachments] Agregativirovanie stanchykh prisoobleniy. Pod red. V. V. Kuz'mina. Moskva, Izd-vo Standartov, 1966. 183 p.

MACHINE TOOLS—NUMERICAL CONTROL

Calculation and compensation of errors of the SPD (machine tool-drive-cutting tool-part) systems in contouring program control systems. V. A. Rabinov, S. I. Shumakov. Stan. i instr. 37 no. 5:13-18 My '66.

MACHINE TOOLS—RELIABILITY

Increasing the operating reliability of automatic lines consisting of machine-tool units. L. I. Vukhkevich, B. N. Kuznetsov, G. I. Kolunakov. Izv. vys. ucheb. zav.; mashinostr. no. 11:145-153 '64.

MACHINE TOOLS—SAFETY APPLIANCES

Devices with telescopic shields for protecting guides. V. A. Barkov. Stan. i instr. 37 no. 5:24-26 My '66.

MACHINE TOOLS—TESTING

Measuring the rigidity of machine tools by the angle of a spindle turn. Z. P. Urzayev, A. M. Paderev. Stan. i instr. 37 no. 5:10-13 My '66.

MACHINE TOOLS—VIBRATION

Study of the vibrational processes in the system lathe - cutter - work piece. Part 1. N. F. Matitsenko, Shor. trud. Moskv. tekhn. inst. no. 8:111-116 '64.

MACHINERY

Modernization of the transmission of a four-roll machine. N. L. Loshchinskii, I. M. Izraelov. Za tekhn. prog. 4 no. 12: 23-29 D '64.

A tool of the mind. V. Gubarev. V mire knig 6 no. 4:21 Ap '66.

MACHINERY—MAINTENANCE AND REPAIR

Ways of improving repair services at the coal preparation plants. G. V. Zhovtiuk, A. I. Okonishnikov, A. M. Umanskii. Tsigol' Ukr. 10 no. 5:44-46 My '66.

MACHINERY—RELIABILITY

Theoretical principles of the calculation of machinery reliability and durability. V. N. Treder. Dokl. AN BSSR 10 no. 4:254-257 Ap '66.

MACHINERY—TESTING

Determining the weight of machinery production. S. A. Akop'ian, M. G. Shinko. Izv. vys. ucheb. zav.; mashinostr. no. 2:147-152 '66.

MACHINERY IN INDUSTRY

Amortization deductions and the evaluation of the efficiency of the new equipment in the system of optimal planning. L. V. Kantorovich. Trudy LIEI no. 58:3-11 '66.

MACHINERY INDUSTRY

(see also subdivision under Chelyabinsk; Sverdlovsk; Tallinn)

Optimal control of statistical members in machinery manufacture. L. A. Sorokoleto, Mashinovedenie no. 3:16-23 '66.

Renovation and modernization of equipment. V. Novakov. Agitator no. 3:45-47 F '64.

MACHINERY INDUSTRY—ACCOUNTING

The pulse system of group-type dispatch accounting for the use of available time. R. V. Sokolov. Trudy LIEI no. 58:287-294 '66.

MACHINERY INDUSTRY—COSTS

Minevskii, A. I. [Accounting and analysis of overall expenditures in industry] Uchet i analiz kompleksnykh zatrat v promyshlennosti. Moskva, Finansy, 1966. 111 p.

Planning, accounting, and calculating the cost of production. N. Ivanov. Nar. khoz. Kazakh. 24 no. 4:80-88 Ap '66.

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Ukraine)
Kuznetsov, V. I. [Materials used in machinery manufacture and the technology of their treatment] Mashinostroitel'nye materialy i tekhnologiya ikh obrabotki. Moskva, Prosveshchenie, 1965. 203 p.

MACHINERY INDUSTRY—EXHIBITIONS

Standard and reference materials in the field of technology and production organization. G. Gol'denberg. Inform. bul. VDNKII no. 5:9 My '66.

MACHINERY INDUSTRY—LABOR PRODUCTIVITY

(see also subdivision under Ukraine)
Moliseenko, I. G. [Auxiliary processes and labor productivity in the machinery industry] Vspomogatel'nye protsessy i proizvoditel'nost' truda v mashinostroenii. Minsk, Nauka i tekhnika, 1964. 180 p.

MACHINERY INDUSTRY—MANAGEMENT

Application of linear programming methods for the optimization of the loading of interchangeable equipment and calculation of its output capacity. A. N. Zolotarev. *Trudy L'vov. univ.* no. 58:159-165 '66.

Letenko, V. A., ed. [Operation planning for production in a machinery manufacturing plant] *Operativnoe planirovaniye proizvodstva na mashinostroitel'nom zavode*. [By] V. A. Letenko i dr. Moskva, Mashinostroeniye, 1966. 351 p. (Inzhenerno-ekonomicheskaya monografiya)

MACHINERY INDUSTRY—MECHANIZATION see subdivision under Donets Economic Region; Sverdlovsk

MACHINERY INDUSTRY—PRICES see subdivision under Ukraine

MACHINERY INDUSTRY—PRODUCTION STANDARDS

(see also subdivision under Caucasus; Northern)
Establish efficient norms for auxiliary work. S. Semakovich. *Sots.trud.* 11 no. 5:105-113 '66.
Put norms and standards at the basis of planning for labor. V. Bitunov. *Sots.trud.* 11 no. 5:89-97 '66.

MACHINERY INDUSTRY—RELIABILITY see subdivision under Donets Basin

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

see subdivision under Bobruysk (White Russia); Leningrad

MACHINERY INDUSTRY WORKERS see subdivision under Moscow

MACROMOLECULAR COMPOUNDS

Theory of flow birefringence in solutions of semirigid (short) macromolecules. I. U. A. Golub, I. U. E. Svetlov. *Dokl. AN SSSR* 168 no. 3:621-624 My '66.

MAGNESIUM—EFFECT ON PLANTS see Plants, Effect of magnesium on

MAGNESIUM ALLOYS—ANALYSIS

Photometric determination of zirconium in magnesium alloys with the reagent stibazoval II. I. V. Puchkov, A. I. Cherkasov. *Zav. lab.* 32 no. 1:22-23 '66.

MAGNESIUM-ALUMINUM-ZINC ALLOYS see Aluminum-magnesium-zinc alloys

MAGNESIUM CARBONATE

Transition of magnesium carbonate trihydrate to basic carbonate. R. I. Arav. *Ukr. khim. zhur.* 32 no. 5:521-523 '66.

MAGNESIUM HYDROXIDE

Thermal decomposition of coprecipitated magnesium and iron (III) hydroxides. T. P. Karateva, V. V. Sviridov. *Zhur. neorg. khim.* 11 no. 4:890-897 Ap '66.

MAGNESIUM-LITHIUM ALLOYS

Pressure of magnesium vapor over liquid alloys in the system magnesium-lithium. V. P. Mashovets, L. V. Puchkov. *Zhur. prikl. khim.* 38 no. 8:1875-1877 Ag '66.

MAGNESIUM OXIDE

Interaction of magnesium oxide with active hydraulic additives during the autoclave process. E. A. Kucherova. *Izv. vys. ucheb. zav.; atrol. i arkhiv.* 9 no. 2:64-68 '66.

Some thermomechanical properties of refractories made of molten magnesium oxide. E. S. Lukin, G. A. Serova. *Trudy MKHTI* no. 45:91-95 '64.

MAGNESIUM PERCHLORATES—THERMAL PROPERTIES

Thermal properties of magnesium perchlorate compounds with dioxane and pyridine. L. I. Chudinova, V. P. Trofimovskaya. *Zhur. neorg. khim.* 11 no. 4:775-780 Ap '66.

MAGNESIUM SALTS

(see also subdivision under Dnepropetrovsk-Lowland)
Electron transfer in highly concentrated solutions of $MgCl_2$, $Mg(NO_3)_2$ and $MgSO_4$. V. P. Troshin. *Elektrokhimiya* 2 no. 5:599-592 My '66.

Sulfurous anhydride pressure over magnesium bisulfite and magnesium sulfate solutions not saturated with sulfite. V. A. Pinaev, N. P. Pitelina. *Zhur. prikl. khim.* 38 no. 8:1652-1658 Ag '66.

MAGNETIC AMPLIFIERS

Magnetic amplifiers. V. Lomanovich. *Radio* no. 12:44-47 D '66.

Selecting core material for magnetic computing amplifiers. M. A. Rozenblat. *Priboirostroenie* no. 5:3-4 My '66.

MAGNETIC CIRCUITS

Ivanov, A. A. [Principles of the theory of electric and magnetic circuits] *Osnovy teorii elektricheskikh i magnitnykh tsyepel.* Izd. 2., perer. Kiev, Naukova dumka, 1966. 357 p.

Kulikovskii, L. F., and M. F. Zaripov. [Inductive displacement converters with distributed parameters] *Induktivnye preobrazovateli peremeshcheniy s raspredelemymi parametrami.* Moskva, Energiya, 1966. 111 p. (Biblioteka po avtomatike, no. 156)

Q-factors of a nonlinear stage with a magnetically biased ferrite core. A. A. Tudorovskii, N. G. Kharatishvili. *Izv. vys. ucheb. zav.; radiotekh.* 9 no. 2:239-241 Mr-Apr '66.

Study of magnetic flux in the steel of d.c. machines with pulsating voltage feed. V. A. Iakovenko, A. A. Shavelev. *Izv. vys. ucheb. zav.; elektrotekh.* 9 no. 4:420-429 '66.

MAGNETIC FIELDS

Drift plasma waves propagating across an external magnetic field. D. P. Kostomarov. *Zhur. tekh. fiz.* 35 no. 10:1713-1719 O '66.

Dynamic dissipation of magnetic energy near the neutral line of a magnetic field. S. I. Syrovatskii. *Zhur. eksp. teor. fiz.* 50 no. 4:1133-1147 Ap '66.

Effect of radiation damping on the motion of a relativistic particle in a homogeneous magnetic field. G. E. Gernat. *Dokl. AN SSSR* 168 no. 1:63-64 My '66.

Electron scattering by a short-range force center in a constant and homogeneous magnetic field. I. M. Ternov, V. G. Bagrov, R. A. Rzaev. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:111-118 '66.

Hollow positive column in a longitudinal magnetic field. L. E. Belousov. *Zhur. tekh. fiz.* 36 no. 5:892-902 My '66.

Magnetic field of a separator with call elements. V. I. Karmazin, M. S. Zakharova. *Obog. rud.* 11 no. 1:39-43 '66.

Magnetic interaction of arcs during two-arc three-phase welding. S. L. Mandel'berg. *Avtom. svar.* 19 no. 4:30-36 Ap '66.

Methods of calculating an electric arc in a magnetic field. G. B. Serdyuk. *Avtom. svar.* 19 no. 4:49-49 Ap '66.

Motion in spatially periodic magnetic fields. R. I. Kovtan. *Zhur. tekh. fiz.* 36 no. 5:827-842 My '66.

Nonlinear resonances $\chi_r = \frac{Nn}{q} + \chi$ in an isochronous cyclotron. V. P. Belov. *Zhur. tekh. fiz.* 36 no. 10:1701-1708 O '66.

Parametric resonance in a plasma in a magnetic field. I. M. Aliev, V. P. Silin, C. Watson. *Zhur. eksp. teor. fiz.* 50 no. 4:948-953 Ap '66.

Pilot plant testing of experimental electromagnetic separators with traveling magnetic fields. T. T. Vladimirov. *Obog. rud.* 11 no. 1:43 '66.

Pulse excitation of a magnetic field inside a cylindrical screen. M. G. Vitkov. *Zhur. tekh. fiz.* 36 no. 10:1766-1780 O '66.

Stability of magnetic surfaces. I. S. Solov'ev. *Dokl. AN SSSR* 168 no. 1:76-79 My '66.

Study on an induction-type conical plasma source. I. A. Kossyi, I. S. Shpil'gert, E. V. Dorofeev. *Zhur. tekh. fiz.* 36 no. 5:801-801 My '66.

Travel of the electric arc in a magnetic field. I. A. Bachev, I. V. Vardanov. *Avtom. svar.* 19 no. 4:41-45 Ap '66.

Use of the method of measuring the thermo-e.m.f. in a strong magnetic field in studying the nonparabolicity of the conduction band in $PbTe$. I. N. Dubrovskaya, I. I. Ravich. *Fiz. tver. tela* 8 no. 5:1455-1460 My '66.

MAGNETIC FIELDS (COSMIC PHYSICS)

Correlation between the direction of the axes of cometary nebulae and the planes of polarization of the surrounding stars. R. A. Vardandian. *Astrofizika* 1 no. 4:420-435 D '66.

MAGNETIC FORMING

Magnetic "explosion" breaks up technology. E. Muslin. *Izobr. i rats.* no. 4:10-12 Ap '66.

Magnetic forging. *Izobr. i rats.* no. 4:13 Ap '66.

Metal forming by a pulsating magnetic field. E. A. Popov and others. *Kuz.-shhtam. proizv.* 8 no. 5:1-7 My '66.

MAGNETIC INSTRUMENTS

Study on a plasma injected into a magnetic trap by means of a conical Θ -pinch. N. I. Alimovskii and others. *Zhur. tekh. fiz.* 36 no. 5:877-880 My '66.

MAGNETIC MATERIALS

Ferromagnetic semiconductors in which exchange coupling is realized via the conduction electrons. A. A. Berdyshev. *Fiz. tver. tela* 8 no. 5:1382-1389 My '66.

Intensity variations of electron transitions in Mn^{2+} and Ni^{2+} ions in the antiferromagnetic substance $NaNi_2O_6$. M. G. $04F_3$. R. V. Pisarev, S. D. Prokhorova, P. P. Syrnkov. *Fiz. tver. tela* 8 no. 3:975-977 Mr '66.

Khrud'kov, V. A. [Machining parts made of magnetic materials in the manufacture of instruments] *Mekhanicheskaya obrabotka izdelii iz magnitnykh materialov v priborostroenii.* Moskva, Mashinostroeniye, 1966. 162 p.

Selecting core material for magnetic computing amplifiers. M. A. Rozenblat. *Priboirostroenie* no. 5:3-4 My '66.

Spin wave scattering on paramagnetic impurities in antiferromagnets. V. G. Bar'lahtar, V. A. Santua. *Fiz. tver. tela* 8 no. 5:1449-1454 My '66.

Temperature dependence of the spontaneous Hall constant in ferromagnets. K. P. Belov, E. P. Svirina. *Fiz. tver. tela* 8 no. 4:1217-1220 Ap '66.

Theory of spin waves in ferromagnets. A. I. Mitsek. *Fiz. tver. tela* 8 no. 5:1408-1503 My '66.

MAGNETIC MATERIALS—TESTING

Method of automatic separation of losses in magnetic materials. V. I. Ivanova and others. *Izv. vys. ucheb. zav.; prib.* 9 no. 2:26-29 '66.

MAGNETIC PROSPECTING

Determination of the magnetization of several layers by the summary magnetic anomaly. M. L. Shemiakin. *Geol. i geofiz.* no. 2:115-117 '66.

MAGNETIC RECORDERS AND RECORDING

"Aldas" magnetic tape recorder. L. Mogil'nitskii, M. Khamin. *Radio* no. 4:38-42 Ap '66.

Redesigning of the "Kometa" magnetic tape recorder. A. P. Kersgill. *Radio* no. 12:41-43 D '66.

MAGNETIC RECORDERS AND RECORDING—ELECTRIC DRIVING

Electric d.c. motor without collector and brushes. V. G. Lukacher. *Tekh. kino i telev.* no. 5:63-64 My '66.

MAGNETIC SEPARATION OF ORES

An efficient flow sheet of the first stage of crushing finely impregnated magnetite quartzites at the Southern Mining and Ore Dressing Combine. S. I. Zhuravlev, M. P. Bozhiko. *Obog. rud.* 11 no. 1:17-20 '66.

MAGNETIC TESTING

Developing and studying an electromagnetic microscope with recording of a two-dimensional picture of the magnetic pipe relief on electrochemical paper. K. M. Klimov, P. K. Oshchepkov, I. S. Voronova. *Defektoskopia* 2 no. 2:22-29 '66.

Fal'kevelch, A. S., and M. Kh. Khusanov. [Magnetographic control of welded joints] *Magnitograficheskii kontrol' svarnykh soedinenii.* Moskva, Mashinostroeniye, 1966. 174 p.

Introduction-impedance data pickup with an annular magnetic circuit. V. K. Zhukov, V. E. Dreizin, I. G. Leoshchenko. *Defektoskopia* 2 no. 2:14-22 '66.

Magnetic methods of evaluating internal stresses. I. I. A. Mekhtonshev. *Defektoskopia* 2 no. 2:94-95 '66.

The use of electromagnetic methods for the quality control of ferromagnetic pipe. V. V. Kluev, A. P. Dogharev, O. S. Semenov. *Defektoskopia* 2 no. 2:23-34 '66.

Using a rotating magnetic field for the control of cylindrical objects. I. K. Fedosenko. *Defektoskopia* 2 no. 2:3-5 '66.

MAGNETIC UNITS

Investigating the effect of the machining of magnetic devices on the precision of seisms. A. K. Monakov, I. G. Shneider. *Priboirostroenie* no. 5:16-18 My '66.

MAGNETISM, TERRESTRIAL

Magnetotelluric field over sloping elongated structures (polarization E). G. G. Obukhov. *Prikl. geofiz.* no. 4:101-110 '66.

Some problems of the magnetic viscosity of rocks. I. U. D. Trofim, A. I. Vlasov. *Izv. AN SSSR, Fiz. zem.* no. 5:78-84 '66.

Stability of viscous magnetization in alternating magnetic fields. G. M. Avchian, S. S. Faustov. *Izv. AN SSSR, Fiz. zem.* no. 5:96-104 '66.

MAGNETITE

Formation of magnetite in magnetic apparatus. A. N. Kirgintsev, V. M. Sokolov. *Zhur. prikl. khim.* 38 no. 8:1871 Ag '66.

Symplectic intergrowth of magnetite with pyroxene. L. D. Iur'ev. *Zap. Vses. min. ob-va* 95 no. 2:238-241 '66.

MAGNETITE—CRUSHING AND GRINDING see subdivision under Krivoy Rog Basin

MAGNETIZATION

A model of inhomogeneous magnetization in the theory of spin-wave resonance in a thin ferromagnetic film. V. M. Sokolov, B. A. Tavger. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 2:308-313 '66.

MAGNETOACOUSTIC EFFECT

Magnetoacoustic effect in aluminum alloys. L. L. Mianikov, R. A. Zvorykina. Dokl. AN SSSR 168 no. 3: 564-566 My '66.

MAGNETOELECTRIC MACHINES

Some criteria of the quality of magnetoelectric moment converters. T. S. Astashevskaya. Izv. vys. ucheb. zav.; prib. 9 no. 2:30-32 '66.

MAGNETOELECTRIC MACHINES—CORROSION

Formation of magnetite in magnetic apparatus. A. N. Kirgintsev, V. M. Sokolov. Zhur. prikl. khim. 38 no. 8:1871 Ag '65.

MAGNETOHYDRODYNAMIC GENERATORS

Estimated effect of the degree of expansion of an ionized gas in a nozzle on the specific power of an MHD-generator. E. I. Antovskii. Mag. gidr. no. 1:153-156 '65.

Unsaturated O-shaped magnetic system with two excitation coils for MHD-machines. P. V. Kachanov. Mag. gidr. no. 1:142-145 '64.

MAGNETOHYDRODYNAMICS

Axial flow of a conducting liquid in a radial magnetic field. G. P. Dikii. Mag. gidr. no. 1:151-153 '66.

Boundary layer of a conducting medium in a magnetic field. E. L. Kitani, I. A. Sokovishina. Mag. gidr. no. 1:47-50 '65.

Conical refraction of magnetoacoustic waves. D. V. Sivukhin. Mag. gidr. no. 1:31-42 '66.

Effect of bushings on the interaction of a conducting liquid flow with a traveling magnetic field. V. S. Kuzhmir, N. M. Morozova, L. D. Pichakhchi. Mag. gidr. no. 1:109-115 '65.

Experimental study of the similarity conditions for the flow of a melt in an induction furnace. N. I. Dragomkina, L. L. Tir. Mag. gidr. no. 1:137-141 '66.

Flow of a viscous conducting fluid due to the rotation of a disc in the presence of an axial magnetic field. Mag. gidr. no. 1:93-97 '66.

General solution of magnetohydrodynamics equations for both one-dimensional nonsteady-state flow and two-dimensional steady-state flow. G. S. Golitsyn, T. Dzhuzumkulov, K. P. Stanukovich. Mag. gidr. no. 1:65-73 '66.

Magnetoacoustic waves. R. V. Polovin, K. P. Cherkasova. Mag. gidr. no. 1:3-34 '66.

Magnetoelastic flutter. M. I. Kiselev. Mag. gidr. no. 1:51-54 '66.

Magnetohydrodynamic batcher. I. A. I. Sokolov. Mag. gidr. no. 1:150-151 '65.

Magnetohydrodynamic flow of a viscous conducting fluid in channels allowance made for finite conductivity of the walls. V. M. Sychev. Mag. gidr. no. 1:85-92 '66.

"Magnetoelastic" oscillations in interpenetrating plasmas and self-constricted current sheets. V. M. Fadeev. Mag. gidr. no. 1:43-46 '65.

Optimal dynamic operating conditions of a magnetogasdynamically energy converter. O. E. Pushkarev. Mag. gidr. no. 1:53-64 '66.

Pikel'ner, S. B. [Fundamentals of cosmic electrodynamics] Osnovy kosmicheskoi elektrodinamiki. Izd. 2., perer. i dop. Moskva, Nauka, 1966. 407 p.

Some results of an experimental investigation of the structure of turbulent flow of a conducting fluid. B. A. Kolovandin. Inzh.-fiz. zhur. 10 no. 5:567-572 My '66.

Transient conditions of flow in magnetohydrodynamics. L. A. Vulis, B. A. Fomenko. Mag. gidr. no. 1:74-84 '66.

Use of Pitot and Prandtl tubes in a magnetohydrodynamic experiment. G. G. Branover and others. Mag. gidr. no. 1:93-102 '65.

MAGNETO-OPTICAL EFFECT

Effect of the nonlocality of scattering on the shape of oscillations in interband magneto-optical effects. L. I. Korovin. Fiz. tver. tela 8 no. 5:1652-1654 My '66.

MAGNETO-OPTICS

Magneto-optical studies of the conduction band in InSb. F. P. Kesamany and others. Fiz. tver. tela 8 no. 4:1176-1181 Ap '66.

MAGNETOSTRICTION

Temperature studies of the magnetostriiction of Co-ferrite. V. V. Zubov. Izv. vys. ucheb. zav.; fiz. 9 no. 2:103-105 '66.

MAGNETOTHERMAL EFFECTS see Thermomagnetism

MAGNETRONS

Azimuthal distribution of cathode-end current in a magnetron. G. G. Sominskii. Zhur. tekhn. fiz. 35 no. 10:1782-1785 O '65.

Calculation of the fields of the space charge of a plane magnetron. V. B. Balburin, G. L. Sobolev. Radiotekhn. i elektron. 11 no. 5:860-869 My '66.

MAGNETOGORSK—IRON ORES—ANALYSIS

Certain regularities of the distribution of iron and slag-forming components in Magnetogorsk magnetite ore deposits. N. A. Nikol'skii, S. V. Popov. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:3-6 '66.

MAGRUPOV, ASADULLA IKRAMOVICH, 1910-1965

Asadulla Ikramovich Magrupov; an obituary. Arkh. pat. 28 no. 3:93-94 '66.

MAIOROV, FEDOR PETROVICH, 1900-1964

Fedor Petrovich Maiorov; an obituary. Fiziol. zhur. 50 no. 11:1405-1406 N '64.

MAIZE see Corn (Maize)

MAKHACHKALA—ORTHOPEDIC APPARATUS INDUSTRY

Economical and efficient. M. Osmanov. Sots. obesp. 41 no. 5:49 My '68.

MALEIC ACID

Reaction of ethylchlorophosphine with maleic acid and its monoesters. A. N. Pudovik, V. K. Khairullin, T. I. Sobchuk. Izv. AN SSSR, Ser. khim. no. 5:932-934 '66.

MALLASOV, VIKTOR ALEKSANDROVICH

Kirillov, P. P., and A. A. Khrennikov. [While the heart was beating...] Poka bilos' serditse... Tashkent, "Uzbekistan," 1955. 96 p. (CS-11)

MALUTIN, VLADIMIR NIKOLAEVICH, 1898-1966

Vladimir Nikolaevich Malutin; obituary. Izv. prom. no. 5:20 My '66.

MAMA VALLEY—METAMORPHISM (GEOLOGY)

Metamorphic zoning of enclosing rocks of the Mama pegmatite field. I. K. Karpov, G. M. Drugov. Izv. AN SSSR, Ser. geol. 31 no. 5:88-95 My '66.

MAMA VALLEY—PEGMATITES

Metamorphic zoning of enclosing rocks of the Mama pegmatite field. I. K. Karpov, G. M. Drugov. Izv. AN SSSR, Ser. geol. 31 no. 5:88-95 My '66.

MAMAEV, ALEKSANDR

Clean tape. A. Smetanin. Sov. voen. 47 no. 18:7 S '65.

MAMMALS

Age determination in mammals by the structure of tooth cement. S. E. Kleinenberg, G. A. Klevezal'. Zool. zhur. 45 no. 9:717-724 '66.

MAMMALS, FOSSIL see subdivision under Ukraine

MAMMARY GLANDS

Methodology for preparing mounts of the entire mammary gland of rats and mice. V. I. Samoilov, A. P. Chelyshev. Biol. eksp. biol. i med. 58 no. 12:94-95 D '64.

MAMMARY GLANDS—CANCER

Dymarekhi, L. Yu. [Treatment of recurrences and metastases of cancer of the mammary glands] Lechenie retsidivov i metastazov raka molochnoi zhelezy. [Leningrad] Meditsina, 1955. 150 p. (Biblioteka prakticheskogo vracha) (DNLM)

MAMMARY GLANDS—INNERVATION

Effect of mechanical and thermal stimulation of the mammary gland on the secretory function of the abomasum in ruminants. K. T. Tashenov. Izv. AN Kazakh. SSR, Ser. biol. nauk 2 no. 4:74-79 Ji-Ag '64.

MAN—INFLUENCE OF ENVIRONMENT

Effect of some factors of work and living conditions on the state of the cardiovascular system and capacity for work in scientists of the pension age. A. V. Dobrodeev and others. Trudy MOIP, Otd. biol. 17:17-23 '66.

MAN—ORIGIN

Cesny's, Gintautas, and Salezjus Pavilonis. [Why man does not develop from a monkey now] Kodėl dabar la beždžionės nesisivysto žmogus. Vilnius, Mintis, 1966. 30 p. [In Lithuanian]

MANGANESE—EFFECT ON PLANTS see Plants, Effect of manganese on

MANGANESE—METALLURGY

Kinetics of the direct reduction of manganese from molten silicates. P. M. Shurygin, V. S. Kudriavtsev. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:6-9 '66.

MANGANESE—ALUMINUM-ZINC ALLOYS see Aluminum-manganese-zinc alloys

MANGANESE-BORON ALLOYS

Melting diagram and some chemical properties of borides in the manganese-boron system. Zhur. prikl. khim. 39 no. 8:1677-1682 Ag '65.

MANGANESE MINES AND MINING see subdivision under Chikura (Georgia)

MANGANESE ORES see subdivision under Kuznetsk Alatau; Ural Mountains

MANGANESE ORES—MICROBIOLOGY see subdivision under Chikura region (Georgia)

MANGANESE OXIDES

Absorption of calcium ions by manganese dioxide from mixtures of strong electrolytes. V. V. Pushkarev, B. N. Khachaturov. Zhur. prikl. khim. 39 no. 8:1777-1782 Ag '65.

MANGANESE PHOSPHATES

Solubility of disubstituted manganese phosphate. M. V. Goloshechikov, B. V. Murtyukov, T. N. Filatova. Zhur. neorg. khim. 11 no. 4:935-937 Ap '66.

MANGANESE STEEL—TESTING

Structure and properties of high-grade manganese metal deposited by powder wire. E. N. Morozovskaya. Avtom. svr. 19 no. 4:22-25 Ap '65.

MANGYSHLAK PENINSULA—ELECTRIC PROSPECTING

Methods of interpreting logging data in Jurassic oil sediments of the Southern Mangyshlak Peninsula. N. D. Guskov, S. P. Kamenev. Prikl. geofiz. no. 43:131-133 '65.

MANGYSHLAK PENINSULA—GAS, NATURAL—GEOLOGY

Methodology of the evaluation of the prognostic resources of oil and gas in the southern part of the Mangyshlak Peninsula. S. E. Chakabaev and others. Izv. AN Kazakh. SSR, Ser. geol. 23 no. 1:73-78 Ja-I '66.

Some characteristics of the tectonic structure of the northeastern margin of the South Mangyshlak depression in connection with the oil and gas potentials of Jurassic sediments. M. M. Charygin and others. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:73-78 My '66.

MANGYSHLAK PENINSULA—LANDSCAPE GARDENING

Trees and shrubs for the landscaping of industrial regions on the Mangyshlak Peninsula. V. V. Romanovich. Biol. Glav. bot. sadu no. 59:33-35 '65.

MANGYSHLAK PENINSULA—PETROLEUM GEOLOGY

Methodology of the evaluation of the prognostic resources of oil and gas in the southern part of the Mangyshlak Peninsula. S. E. Chakabaev and others. Izv. AN Kazakh. SSR, Ser. geol. 23 no. 1:73-78 Ja-I '66.

Methods of interpreting logging data in Jurassic oil sediments of the Southern Mangyshlak Peninsula. N. D. Guskov, S. P. Kamenev. Prikl. geofiz. no. 43:131-133 '65.

Some characteristics of the tectonic structure of the northeastern margin of the South Mangyshlak depression in connection with the oil and gas potentials of Jurassic sediments. M. M. Charygin and others. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:73-78 My '66.

MANNED SPACE FLIGHT

A feat in space. Kryl. rod. 16 no. 4:3 Ap '65.

MANOMETER

Effect of flow turbulence on the manometer reading of the static pressure in a tube. I. A. Pishchenko. Khim. mashinostr. no. 2:153-156 '65.

Standardization of coiled tubular manometric springs. V. P. Korsunov. Priboirostroenie no. 5:6-11 My '66.

MANOMETER—TESTING

Assessing the properties of manometric tubular springs with the aid of the elastic limit. M. P. Gridnev, L. M. Butkevich. Zav. lab. 32 no. 1:97-99 '66.

MANUAL TRAINING

Dubov, A. G., ed. [Methods of training in school workshops] Metodika zaniati v shkol'nykh masterskikh. Moskva, Prosveshchenie, 1966. 374 p.

Russin (1917- R. S. F. S. R.) Glavnoe upravlenie shkol. [Work programs for schools for the deaf] Programmy po trudu dlia shkol'nykh glukhih detei. Moskva, Prosveshchenie, 1955. 114 p.

MANUFACTURES—ABSTRACTS

[Light Industry] Ref. zhur.; Leg. prom. no. 5 My '66.

MANUSCRIPTS, PERSIAN

Sahib. [Daftar-i dikusha ("Heart-pleasing book").
Facsimile of the text: Introduction, annotated table
of contents, indexes and a brief textological commen-
tary by R. Khadi-zadeh] Daftar-i dikusha ("Sochinenie,
radutushchee serdtsa") Faksimilnye teksta: Predislavie,
amotirovannoe oglevlenie, ukazatel i kratkii tekstolo-
gicheskii kommentarii R. Khadi-zadeh. Moskva, Nauka,
1965. 31, 132 [i.e. 61] p. (Pamiatniki pis'mennosti
Vostoka, no. 5) [In Persian and Russian]

MAP PROJECTION

New variant of polyconic projection. G. A. Ginzburg.
Geod. kart. no. 3:55-57 Mr '66.

MARCHLEWSKI, JULIAN BALTAZAR, 1886-1925

"Whither the party orders me to go..." V. Toropova.
V mire knig 6 no. 4:6-7 Ap '66.

MARES

Judging the milk yield of a mare by the form and size of
the udder. P. A. Fedotov, L. I. Danilenko, K. I. Detsen-
baev. Vest. sel'mkhoz. nauch. [Kazakh.]. 1 no. 4:19-23
Ap '66.

MARI A. S. S. R. — CONSTITUTION

Mari A. S. S. R. Constitution [Constitution (fundamental
law) of the Mari Autonomous Soviet Socialist Republic.
With amendments and supplements adopted at the ses-
sions of the 3d, 4th, 5th, and 6th Supreme Soviet of the
Mari A. S. S. R.] Konstitutsiia (osnovnoi zakon) Mari-
skoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki.
S izmeneniami i dopolneniami, prinyatymi na sessiakh
Verkhovnogo Soveta Mariiskoi ASSR 3, 4, 5, 6. Snyz-
vov. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1965.
21 p.
(MIU)

MARI A. S. S. R. — LIBRARIANS

A quarter of a century in the library. M. Kalashnikov.
Bibliotekar' 43 no. 5:55-56 My '66.

MARINE CANAL SYSTEM see Volga-Baltic Sea Waterway

MARINE ANIMAL OILS

Determining unsaponifiable elements in fish and sea
mammal fats. F. M. Rzhavskaya, M. A. Alekseeva.
Ryb. khoz. 42 no. 4:66-67 '66.

MARINE BIOLOGY see subdivision under Atlantic Ocean

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES

Automatic control of the capacity of diesel-electric gen-
erators. I. S. Zorich, G. A. Meleshkin, P. V. Kurovskii.
Trudy TSNIIMF no. 77:67-73 '65.
Automation of diesel engines on merchant ships abroad.
P. P. Fedorkin. Inform. sbor. TSNIIMF no. 151. Tekh.
eksp. mor. flota no. 4:11-14 '65.
Economic method of producing copper gaskets. B. G.
Sizov. Ryb. khoz. 42 no. 4:52 '66.
Effect of the viscosity of the fuel on the economic efficien-
cy of the performance of marine diesel. L. P. Ivanov.
Trudy TSNIIMF no. 68:35-44 '65.
Improving the operating processes of diesels. N. Voron-
tsov. Rech. transp. 25 no. 4:31-33 '66.
Leningrad. Gosudarstvennyi inzhnirskii institut rybopromy-
slennogo flota. [Operation and repair of the NVD-48,
NVD-36 and NVD-24 engines; handbook] Eksploataatsiia
i remont dvgatelei tipa NVD-48, NVD-36 i NVD-24;
posobie. Moskva, Pishchevaia promyshlennost', 1965.
367 p.
Potentialities for improving the economic characteristics
of the G60 marine diesel. A. Okunev. Rech. transp.
25 no. 4:30 '66.

MARINE DIESEL ENGINES—COOLING

Automatic thermoregulation of the diesel cooling system
of hydrofoil boats. A. A. Zav'yalov. Sudostroenie 56
no. 3:34-36 Mr '66.

Gol'traf, I. S. [Air cooling in marine diesels] Okhlazh-
denie vozdukh v sudovykh dvozelnakh. Leningrad, Sud-
stroenie, 1966. 108 p.

Graphic analytical method of calculating the static
characteristics of automatic control of the temperature
of cooling water of marine internal combustion engines.
S. A. Antonovich, A. V. Pefilov. Trudy TSNIIMF
no. 77:19-21 '65.

Model studies of transient processes in the automatic
control of the temperature of cooling water of the
6DRN43/61 engine. O. V. Ignat'eva, I. S. Karnaukhov,
A. V. Pefilov. Trudy TSNIIMF no. 77:22-24 '65.

MARINE DIESEL ENGINES—FUEL SYSTEMS

Hydrodynamic calculation of fuel systems of marine
diesel engines with forced pressure piping. I. U. A.
Fomin. Izv. vys. ucheb. zav. i mashinostr. no. 11:60-80
'64.

Studying the measuring element indicating the viscosity
of heavy petroleum products. L. P. Ivanov. Trudy
TSNIIMF no. 77:40-48 '65.

MARINE DIESEL ENGINES—LUBRICATION

Conditions for the operation of diesels without change of
oil. A. Genn. Rech. transp. 25 no. 4:33-34 '66.

Studying the feeding of oil to the cylinders of low-speed
diesels. L. G. Ginzburg. Trudy TSNIIMF no. 68:16-34
'65.

Testing cylinder oils in low-speed marine diesel engines.
L. Ginzburg. Mor. flot 24 no. 1:25-27 Ja '64.

MARINE DIESEL ENGINES—NOISE

Calculating the spectrum of gas vibrations in the cylinder
under the influence of a concentrated impulse. A. G.
Fink. Trudy TSNIIMF no. 68:97-103 '65.

MARINE DIESEL ENGINES—SUPERCHARGERS

Effect of the efficiency coefficient of the turbocompressor
on the filling coefficient of the engine. A. D. Mezherits-
kii. Trudy TSNIIMF no. 68:75-81 '65.

Temperature regulation of the charged air. I. U. S. Kar-
naukhov. Trudy TSNIIMF no. 77:25-32 '65.

Transient processes in diesel generators with gas turbo-
superchargers as objects of the regulation of the shaft
revolution velocity. A. A. Galanin. Trudy TSNIIMF
no. 77:33-36 '65.

MARINE ENGINEERING

Automated remote control systems for marine engines.
G. M. Tumanov. Inform. sbor. TSNIIMF no. 151. Tekh.
eksp. mor. flota no. 4:71-88 '65.

Basic trends in the automation of power plants of the
world transport fleet. S. A. Antonovich. Inform. sbor.
TSNIIMF no. 151. Tekh. eksp. mor. flota no. 4:3-10 '65.

Branshlein, V. V., and L. M. Vidutskii. [Fitter of the
auxiliary mechanisms of marine engines] Slesar'-mon-
tazhnik vspomogatel'nogo oborudovaniia sudovykh dviga-
telei. Leningrad, Sudostroenie, 1966. 110 p. (Bibli-
oteka rabochego-sudostroitelia)

Improving the automatic control on the ships of design 112.
A. Rukhsov. Rech. transp. 25 no. 4:35 '66.

Machines for automatic control and registration of the
operating conditions of marine power plants. E. V.
Savin. Inform. sbor. TSNIIMF no. 151. Tekh. eksp. mor.
flota no. 4:57-70 '65.

Overall automation of the technical equipment of ships.
M. Sh. Shifrin. Sudostroenie 56 no. 3:24-27 Mr '66.

Petrov, I. P. [Optimal regulation of marine engines;
theoretical principles] Optimal'nye regulirovannye sud-
ovyykh silovykh ustanovok; teoreticheskie osnovy. Leni-
grad, Sudostroenie, 1966. 119 p.

Vol'tskii, V. V., and E. D. Garber. [Fundamentals of
the automation and control of marine engines]
Osnovy avtomatizatsii i regulirovaniia sudovykh
silovykh ustanovok. Leningrad, Sudostroenie, 1966.
180 p.

MARINE ENGINES

Overall technical and economic evaluation of the ship and
its power plant by the use of sound indicators. I. N.
Mukhuk, V. I. Zhurlov. Sudostroenie no. 9:32-33 S
'65.

MARINE ENGINES—MAINTENANCE AND REPAIR

Optimal length of the service of power generating units
between maintenance repairs. S. N. Dranitsyn. Trudy
TSNIIMF no. 68:3-15 '65.

MARINE FAUNA

Antiquity of the ocean and the significance of the history
of marine fauna in the solution of this problem. E. A.
Zenkevich. Okeanologiya 6 no. 2:195-207 '66.

MARINE GAS TURBINES

Automation of marine gas turbines. L. G. Scholev.
Inform. sbor. TSNIIMF no. 151. Tekh. eksp. mor. flota
no. 4:35-56 '65.

Choice of the type of a partial supersonic turbine. N. N.
Bykov, B. K. D'achenko, O. N. Enin. Sudostroenie
no. 9:24-32 S '65.

Outlook for the development and use of marine gas turbines
with free-piston gas generators. B. V. Vasil'ev. Sud-
stroenie no. 9:26-28 S '65.

Results of work on the automatic control of the GTU-20
marine gas turbine. A. I. Gile'man. Sudostroenie 56
no. 3:27-34 Mr '66.

MARINE PIPE FITTING

Explosion fitting of pipes. A. I. Lukovkin. Sudostroenie
56 no. 3:54-58 Mr '66.

MARINE PIPING

Evaluating the optimality of the pipeline of a ship system.
G. S. Khordas. Sudostroenie no. 9:10-22 S '65.

MARINE RADIO STATIONS

Recommendations for the installation of ultrashort-wave
antennas of the "Korabl'-2" radio station on merchant
ships. M. V. Vershkov. Inform. sbor. TSNIIMF no. 146.
Sudovozh. i svyaz' no. 33:57-65 '63.

MARINE SEDIMENTS

(see also subdivision under Aral Sea region; Indian
Ocean; Kyzyl Kum)

Occurrence of forms of uranium in marine sediments.
V. K. Legin, I. V. Kuznetsov, K. F. Lazarev. Geo-
khimiia no. 5:606-608 My '66.

MARINE STEAM TURBINES see Steam turbines, Marine

MARINE TURBINES

Current collector for measuring the temperature of
rotating parts of marine turbines. V. M. Buznik and
others. Sudostroenie no. 9:33-35 S '65.

MARITIME CONTRACTS see Contracts, Maritime

MARITIME METEOROLOGY see Meteorology, Maritime

MARITIME TERRITORY—COPEPODA

Copepoda in the caves of the Maritime Territory. E. V.
Borutskii. Zool. zhur. 45 no. 5:770-772 '66.

MARITIME TERRITORY—GEOLOGY

Akademiia nauk SSSR. Sibirskoe otdelenie. Dal'ne-
vostochnyi geologicheskii institut. [Geology of northeast
ern Korea and the southern part of the Maritime Terri-
tory] Geologicheskoe stroenie Severo-Vostochnoi Korei
i Huga Primor'ia. Moskva, Nauka, 1966. 304 p.

Akademiia nauk SSSR. Sibirskoe otdelenie. Dal'ne-
vostochnyi geologicheskii institut. [Igneous activity
and minerals of northeastern Korea and the southern
part of the Maritime Territory] Magmatizm i poleznye
iskopayemye Severo-Vostochnoi Korei i Huga Primor'ia.
Moskva, Nauka, 1966. 222 p.

MARITIME TERRITORY—GROCERY TRADE

Unused possibilities. I. Gorelov. Sov. torg. 50
no. 5:42-43 My '66.

MARITIME TERRITORY—OSTRACODA, FOSSIL

Find of marine Ostracoda in the Triassic sediments
of the Far East (Maritime Territory). M. N. Gramm,
N. K. Zharikova. Dokl. AN SSSR 168 no. 1:168-169
My '66.

MARITIME TERRITORY—RADIOLOGY, MEDICAL— STUDY AND TEACHING

Experience in the training of doctor roentgenologists at
the Maritime Territory Clinical Hospital base. V. I.
Vorobova, B. M. Kostin. Vest. rent. i rad. 41 no. 2:103-
104 Mr-Apr '66.

MARITIME TERRITORY—STONE IMPLEMENTS

Archaeological finds near the settlement of Kraskino.
G. I. Andreev. Krat. soob. Inst. arkheol. no. 106:111-114
'65.

MARITIME TERRITORY—WATER, UNDERGROUND— COMPOSITION

Practice in using hydrogeochemical data in evaluating
the conditions governing the source, movement, and
discharge of underground waters. A. N. Pavlov, Raz-
ved. i okh. nedr 31 no. 9:54-58 S '65.

MARITSA VALLEY, BULGARIA—LIGNITE

Operational study of a pulverizing plant with an ATM
2000/3230/735 main mill in grinding Bulgarian lignite.
B. N. Muravkin, A. I. Svetanaki. Elek. sta. 37 no. 3:
29-35 Mr '66.

MARKMAN, ALEKSANDR I'VOVICH, 1861-

On the occasion of the 75th birthday of A. I. Markman.
Masl. -zhir. prom. 32 no. 4:47 Ap '66.

MARL see subdivision under Kuroy Valley (Archangel Province); Mezen' Valley

MARROW

Picture of the blood and bone marrow in experimental
hypercholesterolemia and atherosclerosis. O. E. Tsuker-
shteyn. Pat. fiziol. i eksp. terrp. 10 no. 2:39-44 Mr-
Ap '66.

MARROW—BIOPSY

Modification of the needle used in trephination biopsy
of the bone marrow. V. A. Ershov, N. A. Klimkov.
Probl. gemat. i perel. krov' 11 no. 3:56-57 Mr '66.

MARROW—TRANSPLANTATION

Effectiveness of bone marrow transfusion depending on
the date of the introduction. K. N. Mukhnova, K. N.
Klyzhuk. Med. rad. 11 no. 4:42-47 Ap '66.

MARROW—TUMORS

Clinical X-ray characteristics of Ewing's sarcoma of the
fibula. F. A. Kheroblan. Zhur. eksp. i klin. med. 6
no. 1:47-55 '66.

MARSEILLES—ASSASSINATION

Operation "Teutonic sword" (conclusion). V.K. Volkov. Nov. i noveish. ist. no. 3:47-59 '66.

MARSHALL, THOMAS HUMPHREY

Professor T. Marshall's "middle road." G. L. Episkopov. Vop. filos. 20 no. 5:127-130 '66.

MARX, KARL, 1818-1883

Excerpts from the rough draft of K. Marx's manuscript "Zur Kritik der Politischen Ökonomie." Vop. filos. 20 no. 5:131-142 '66.

A great depository of revolutionary thought. A. I. Mal'ych. Vop. ist. KPSS 10 no. 3:18-28 Mr '66.

A Platonist falsification of K. Marx's theory. L. N. Davilova. Vop. filos. 20 no. 5:118-126 '66.

The role of books in K. Marx's life. M. Telephi. Kinzh. torg. 17 no. 5:5-7 My '66.

Vinogradov, S., comp. [Their simplicity and humanity] Ikh prostota i chetovechnost'. Izd. 2., dop. Moskva, Politizdat, 1966. 470 p.

MASERS

Effect of the coupling of a resonator with a vacuum unit on the frequency stability of a maser. A. F. Mukhamedgalieva, G. M. Strakhovskii. Radiotekh. i elektron. 11 no. 5:543 My '66.

Molecular generator with an amplifier of "molecular ringing." A. F. Mukhamedgalieva, A. N. Oravskii, G. M. Strakhovskii. Izv. vyz. ucheb. zav.; radiofiz. 9 no. 2:302-307 '66.

MASONRY

Ischenko, I. I. [Masonry work and the assembling of precast elements] Kamennye raboty i montazh shoruykh konstruktii. 2. izd. [Moskva, Vysshaya shkola, 1966. 443 p.

MASS SPECTROMETRY

Mass spectrometric determination of CO and CO₂ in products of fuel combustion. E. F. Dol'bitsayn and others. Zav. lab. 32 no. 1:49-50 '66.

Mass spectrometric study of a positive ion source operating under low gas pressure. O. I. Ekichev and others. Zhur. tekhn. fiz. 35 no. 10:1774-1801 O '65.

Use of mass spectrometry for studying the kinetics of volatile product evolution from polymers under load. V. R. Regel', T. M. Muinov. Vysokom. soed. 8 no. 5:811-845 My '66.

Use of mass spectrometry for studying the thermal degradation of polymers. G. S. Anufriev, O. F. Pozdniaikov, V. R. Regel'. Vysokom. soed. 8 no. 5:834-849 My '66.

MASS TRANSFER

Analysis of mass transfer in rectification columns by the data of normal operation. L. L. Rotkop, E. M. Trakhtenberg, M. L. Mandel'shteyn. Khim. prom. 42 no. 5:389-392 My '66.

Effect of the mixing of a liquid on the efficient performance of mass transfer plates. E. Rukenshtein. Khim. prom. 42 no. 5:385-386 My '66.

Fluctuation of the number of solid particles in a pseudoliquidified layer. V. I. Kislykh. Inzh.-fiz. zhur. 10 no. 5:644-648 My '66.

A strong injection into a nondegenerate p-n-junction. O. V. Konstantinov, A. L. Efros. Fiz. tver. tela 8 no. 5:1466-1478 My '66.

MASS TRANSFER—THERMODYNAMICS

Thermodynamic parameters of the mass transfer of certain high-molecular compounds. L. M. Nikitina and others. Dokl. AN BSSR 10 no. 5:307-308 My '66.

MESSAGE

Effect of massage on the bioelectrical activity of muscles in patients with pareses and paralyses of central origin. A. V. Sirotkina. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 5:442-446 S-O '64.

MAST CELLS

Effect of hydrogen sulfide (Matsesia) baths on the mast cells of connective tissue. V. P. Lavrov, S. I. A. Kaplan. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 5:407-410 '66.

MASTICS

Device for heating mastic in the tank of an insulating machine. Stroi. truboprov. 10 no. 4:27 Ap '65.

MATERIA MEDICA, VEGETABLE—DRYING

see subdivision under Novomoskovsk District (Dnepropetrovsk Province)

MATERIALS

Kuznetsov, V. I. [Materials used in machinery manufacture and the technology of their treatment] Mashinostroitel'nye materialy i tekhnologiya ikh obrabotki. Moskva, Prosveshchenie, 1965. 203 p.

MATERIALS—FATIGUE

Stochastic theories of the accumulation of fatigue damages. S. V. Serensen, V. P. Kogaev. Mashinovedenie no. 3:62-68 '66.

MATERIALS—PURIFICATION

Purity of certain products of nitric acid manufacture. M. M. Karavaev, V. A. Zhanatalai. Ukr. khim. zhur. 32 no. 5:524-527 '66.

MATERIALS—TESTING

Method for tensile testing of foils in a wide range of temperatures. S. I. Maksukhin. Zav. lab. 32 no. 1:100-101 '66.

Relationship between the plasticity characteristics in tensile tests. A. G. Fraikenzon, E. V. Vargusova. Zav. lab. 32 no. 1:91-93 '66.

Unit for simultaneous differential-thermal and thermogravimetric analysis of a single specimen. I. M. Galkin, I. M. Polezhaev, V. G. Chukhlantsev. Zav. lab. 32 no. 1:119-120 '66.

MATERIALS HANDLING

Manipulator for loading unit blanks with a pneumohydraulic piston drive. B. A. Chelishchev, V. I. Kokorev, V. D. Shramko. Kuz.-shtam. proizv. 8 no. 4:31-35 Ap '66.

MATERIALS HANDLING—ABSTRACTS

[Industrial transportation] Ref. zhur.: Prom. transp. no. 5 My '66.

MATERIALS HANDLING—EQUIPMENT AND SUPPLIES

Mechanized containerless method of transporting refractory materials. A. A. Oleinik. Ogneupory 31 no. 4:22-26 '66.

MATERIALS RESEARCH

New materials for a developing technology. L. F. Vereshchagin. Priroda 55 no. 5:12-13 My '66.

MATERNAL AND INFANT WELFARE—LAW AND LEGISLATION

Regulation concerning the assignment and payment of pregnancy and labor grants to women collective farmers. Okhr. truda i sots. strakh. 8 no. 3:43-45 Mr '65.

MATHEMATICAL ANALYSIS

Use of the empirical equations of regression in geochemical studies. V. N. Bondarenko. Geokhimiya no. 7:672-677 JI '64.

MATHEMATICAL ECONOMICS

see Economics, Mathematical

MATHEMATICAL LINGUISTICS

Tartu. Ulikool. [Language and structure; studies in structural and mathematical linguistics] Keel ja struktuur; tuld struktuurialse ja matemaatilise lingvistika alalt. Tartu, 1965. 103 p. [In Estonian]

MATHEMATICAL MODELS

Methodological problems of mathematical modeling in natural sciences. I. A. Akchurin, M. F. Vedenev, I. V. Sachkov. Vop. filos. 20 no. 4:64-75 '66.

Use of some mathematical procedures in experiments on the technology of concrete. V. A. Voznesenskii. Trudy Kish. politekh. inst. no. 2:87-102 '64.

Using a statistical model for studying the operation of a petroleum refinery. G. I. Fridman, Kh. Sh. Margulis. Neftteper. i neftekhim. no. 5:37-39 '66.

MATHEMATICAL OPTIMIZATION

Approximate synthesis of an optimal system of the second order with controllable coefficients. V. G. Erlin. Izv. vyz. ucheb. zav.; radiofiz. 9 no. 2:423-426 '66.

Comparison of two optimization methods. L. D. Meshalkin, Nguyen Dinh Hien. Zav. lab. 32 no. 1:64-69 '66.

Mathematical formulation and methods for solving some problems connected with the optimal distribution of enterprises. N. A. Tolmacheva. Trudy LIEI no. 58:208-212 '66.

Mathematical modeling in the production of pipe. A. M. Rytikov, I. F. Shevkin. TSvet. met. 39 no. 5:80-80 My '66.

MATHEMATICAL PHYSICS

Holomorphic continuation of contributions to Feynman diagrams. D. I. A. Petrina. Dokl. AN SSSR 168 no. 2:308-309 My '66.

Radushkevich, L. V. [Course in statistical physics] Kurs statisticheskoi fiziki. Izd. 2. Moskva, Prosveshchenie, 1966. 420 p.

Tolpygo, K. B. [Thermodynamics and statistical physics] Termodinamika i statisticheskaya fizika. [Kiev] Izd-vo Kievskogo univ., 1966. 303 p.

MATHEMATICAL SOCIETIES

see subdivision under Moscow

MATHEMATICAL STATISTICS

Computing the arithmetical mean for a large number of measurements. P. V. Popov. Khim. v sel'. khoz. 4 no. 5:66-69 My '66.

Geologo-geokhimitskii trest. Tsentral'naya laboratoriya prikladnoi geokhimi. [Handbook on the preliminary mathematical processing of geochemical information in prospecting] Rukovodstvo po predvaritel'noi matematicheskoi obrabotke geokhimitskoi informatsii pri pol'skovykh rabotakh. Sost.: A. A. Beus i dr. Moskva, Nedra, 1966. 118 p.

Mathematical statistics applied to the study of the temperature interval of the expansion of fusible clay. P. P. Budnikov, E. A. Kolesnikov. Sbor. trud. VNIESTROM no. 5:3-12 '65.

Podtignin, M. E. [Mathematical processing of agronomical and zootechnical observations; theoretical and practical sections] Matematicheskaya obrabotka agronomicheskikh i zootehnicheskikh nabludenii; teoreticheskaya chast' i praktikum. Krasnodar, Krasnodarskoe kuzhnoe izd-vo, 1965. 147 p. (Krasnodar, Kubanskii sel'skokhozyaistvennyi institut. Trudy, no. 12)

Possibility of using generalized logarithmically normal law for the description of the distribution of the physical properties of rocks. K. S. Turitsyn. Geol. i geofiz. no. 2:111-115 '66.

Practice of studying the tectonic development of the Zhdanov uplift (northern slope of the Lesser Caucasus) using mathematical statistics. Azhdar Aliev, A. S. Hagimov. Izv. AN Azerb. SSR, Ser. geol.-fiz.-mat. nauk no. 3:73-80 '64.

Statistical methods for the study of demand. B. Lavruskin. Sov. torg. 39 no. 5:31-33 My '66.

Sushkov, I. N. [Alarm signal did not sound; how to increase the reliability of machines and instruments] Signal trevogi ne razdalas; kak povysit' nadezhnost' mashin i priborov. Moskva, Voenizdat, 1965. 186 p. (Nauchno-popularnaya biblioteka)

MATHEMATICS

(see also subdivision under Latvia; Ukraine)

Defense of dissertations on mathematics. N. I. Morkovina. Usp. mat. nauk 21 no. 2:260-267 Mr-Apr '66.

MATHEMATICS—AUDIO-VISUAL AIDS

Means of systematizing the student knowledge of mathematics. M. L. Kravtsov. Rad. shkola 45 no. 5:65-70 My '66.

MATHEMATICS—CONGRESSES

Sixth Scientific Conference of the Mathematics Departments of Pedagogical Institutes in the Volga Valley. N. G. Ovanevov. Usp. mat. nauk 21 no. 3:255-256 Mr-Apr '66.

MATHEMATICS—FORMULAE

TSikanov, A. E. [Collection of mathematical formulae] Sbornik matematicheskikh formul. Minsk, Vysheishkaya shkola, 1966. 178 p.

MATHEMATICS—PHILOSOPHY

Human thoughts in the principal "hero" of a book. L. Vladimirov. V mire knig 8 no. 4:11 Ap '66.

Objective substance of the mathematical concept of quantitative relations. L. V. Dymarskaya. Filoz. probl. such. pyrod. no. 2:101-110 '64.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Ostrovskii, A. I. [75 problems in elementary mathematics - simple, but...] 75 zadach po elementarnoi matematike - prostykh, no... Moskva, Prosveshchenie, 1966. 131 p.

MATHEMATICS—STUDY AND TEACHING

By means of mathematics. M. Lyank. Nar. obr. no. 5:61-66 My '66.

Formulas for the sake of formulas? I. Isratova, V. Rozenteller. Nar. obr. no. 5:58-59 My '66.

Methods of approximate computation in the 9th-11th grades of secondary schools. L. F. Melnichenko. Uch. zap. TGIPI 21:172-181 '64.

Problems of metrology in a secondary school course in mathematics. N. N. Krutikovskii. Uch. zap. TGIPI 21:192-196 '64.

Rozanova, T. V. [Psychological characteristics of the solution of mathematical problems by deaf school children] Psikhologiya resheniya zadach gluhiimi shkol'niki. Moskva, Prosveshchenie, 1966. 92 p.

Rule determining the number of digits for a root of the n th power. L. A. Bolarinova. Uch. zap. TGIPI 21:181-182 '64.

Students' progress in mastering rational methods for solving problems and identical transformations. R. A. Iukhno. Sbor. trud. Mosk. tekhn. inst. no. 8:173-188 '64.

Working with mathematical expressions in the 4th grade. A. D. Terent'ev. Nach. shkola 34 no. 5:85-89 My '66.

MATHEMATICS—TERMINOLOGY

Standard expressions and terminology in the theory of algebraic systems. A.I. Maltsev. *Alg. i log.* 5 no.1:71-77 '66.

MATHEMATICS, ANCIENT

The origin of magic numbers. M.I.A. Iosceleva. *Strany i nar. Vost.* no.4:239-241 '65.

MATRICES

Classification of irreducible unitary representations of a group of second-order matrices with elements from a locally compact field. A.A. Kirillov. *Dokl. AN SSSR* 168 no.2:273-275 My '66.

Continuation of Töplitz forms, and some properties of Töplitz matrices. I.S. Jokhvidov. *Usp. mat. nauk* 21 no.2:229-231 Mr-Apr '66.

Matrix method of constructing lines of reinforcement influence in statically determinate systems. V.V. Shnel'nikov. *Trudy MFT* no.194:14-33 '66.

Programming the conversion of matrices and the computation of an index for the "Ural-2" electronic digital computer. N.N. Shaposhnikov. *Trudy MFT* no.194: 92-99 '66.

Using matrices of integration in determining critical forces for rods of varying section compressed by a tangential force. G.V. Fedorkov. *Trudy MFT* no.194: 163-168 '66.

MATSESTA (KRASNODAR TERRITORY)—DATHS, MEDICATED

Effect of hydrogen sulfide (Matsesta) baths on the mast cells of connective tissue. V.P. Lavrov, S.I.A. Kaplan. *Vop. kur., fizioter. i lech. fiz. kul't.* 29 no.5:407-410 '66.

Treatment of dystrophic polyarthritides with Matsesta baths with various hydrogen sulfide concentrations. I.T. Karasov, V.P. Lysov, L.A. Petina. *Vop. kur., fizioter. i lech. fiz. kul't.* 29 no.5:460-463 S-O '64.

MAXIMA AND MINIMA

A minimum problem in the theory of cubature formulae. V.D. Charushnikov. *Dokl. AN SSSR* 168 no.1:36-39 My '66.

MAY DAY

May Day strides across the planet. V.I. Smirenski. *Neftianik* 11 no.5:1-3 My '66.

The wind of May flutters the banners of victories. *Neftianik* 10 no.5:1-2 My '65.

MAZUT

Additive VNIIP-102 for mazut fired boilers. L.I. Samoilov. *Energomashinostroyeniye* 12 no.4:29-30 Ap '66.

Assembling the installations of the mazut supply unit. M.I. Adler. *Energ. stroi.* no.3:25-30 '65.

Storage of mazut. *Energetik* 14 no.5:44-45 My '65.

MEADOW SAFFRON

Some biological characteristics of *Colchicum wheversteinii* Rozy. V.V. Bakanova. *Biol. Glav. bot. sada* no.59: 107-110 '65.

MEASURE THEORY

External linear measures and Hartogs' theorem in certain normalized fields. M.Sh. Stavskii. *Mat. sbor.* 70 no.1:113-131 My '66.

Quadratic functionals in a space with a Gaussian measure. Fm Dyk Tlo, G.F. Shilov. *Usp. mat. nauk* 21 no.2:226-229 Mr-Apr '66.

MEASURING INSTRUMENTS

Device for measuring rotation speed during stand tests of engines. I.U. G. Gornushkin. *Avt. prom.* 32 no.4: 10-11 Ap '66.

Investigating the operation of a dehumidifying installation for indicating and recording instruments of a petroleum refinery. R.M. Gahmanov and others. *Neftoper. i neftekhim.* no.5:40-43 '66.

Mechanisms for equalizing characteristics. L.N. Reshetov. *Izv. vys. ucheb. zav.; mashinost.* no.2:5-7 '66.

Well thermoelectric output meter. V.B. Chernyi. *Prikl. geofiz.* no.46:189-204 '65.

MEASURING WORMS see subdivision under Leningrad Province

MEASURING WORMS—EXTERMINATION

Effectiveness of chlorophos against the green oak roller and the moth *Operoptera brumata*. S.S. Logoida. *Khim. v sel'khoz.* 4 no.5:29-30 My '66.

MEAT—ANALYSIS

Presence of residual estrogen in meat. A.S. Borozdina, S.S. Lapidus, N.I. Nikiforov. *Trudy VNIIVS* 16:209-222 '66.

MEAT—MICROBIOLOGY

Data of experimental testing of the color reaction for microbial toxins in meat. L.A. Sedov. *Veterinariia* 42 no.4:100-102 Ap '66.

Decontamination of meat infected on the surface with anthrax spore pathogens. E.A. Bobyleva. *Trudy VNIIVS* 16:176-185 '66.

Hygienic evaluation and methods for the decontamination of meat from animals with listeriosis. I.U. A. Malakhov, M.A. Agul'nik. *Trudy VNIIVS* 16:190-200 '66.

MEAT, EFFECT OF RADIATION ON

Pal'min, V.V. [Changes in the oxidation-reduction properties of meat during irradiation with Co^{60}] *Izmeneniye oksidit'no-vosstanovitel'nykh svoistv miasa pri obлучenii Co^{60}* . Moskva, Atomizdat, 1963. 10 p.

MEAT EXTRACT

Quantitative changes of reducing sugars during the concentration of meat broth. G.G. Vol'fson. *Vop. pit.* 23 no.4: 76-77 Ji-Ag '64.

MEAT INDUSTRY see subdivision under Gorno-Altai Autonomous Province; White Russia

MEAT INDUSTRY—MANAGEMENT see subdivision under Grodno; Kokchetav

MEAT INSPECTION

Decontamination of meat infected on the surface with anthrax spore pathogens. E.A. Bobyleva. *Trudy VNIIVS* 16:176-185 '66.

Effect of lchhyol solution on the flavor of meat and milk. A.S. Kaashin. *Veterinariia* 42 no.4:103-104 Ap '66.

Hygienic evaluation and methods for the decontamination of meat from animals with listeriosis. I.U. A. Malakhov, M.A. Agul'nik. *Trudy VNIIVS* 16:190-200 '66.

Problems of the prophylaxis of erysipeloid in man in meat processing enterprises. O.V. Krivonozova, D.M. Teternik. *Trudy VNIIVS* 16:201-206 '66.

Veterinary sanitary evaluation of the beef of cattle poisoned with urea. T.S. Nesterov. *Uch. zap. Viteb. vet. inst.* 18:277-284 '64.

MECHANICAL DRAWING

Godik, E.I. [Reference handbook on mechanical drawing] *Spravochnoe rukovodstvo po chertovniku*. Izd.3., perer. i dop. Moskva, Mashinostroyeniye, 1966. 662 p.

Methods of plotting the circumference in perspective. V.T. Shein. *Izv. vys. ucheb. zav.; stroi. i arkh.* 9 no.2:131-138 '66.

Russia (1923- U. S. S. R.) *Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniyam*. [Mechanical drawing; methods instructions and tests for students of evening and correspondence institutions of higher technical education specializing in all technological subjects with the exception of building and architecture] *Tekhnicheskoe chertovniko; metodicheskoe ukazaniya i kontrol'nye zadaniya dlya studentov vseh tekhnicheskikh spetsial'nostei vechernnikh i zaochnykh vysshikh tekhnicheskikh uchebnykh zavedenii, krome stroitel'nykh i arkhitektury*. Izd.11, Moskva, Vysshaya shkola, 1965. 75 p. diagra.

MECHANICAL WEAR

Effect of the structure and the substructure of magnesium cast iron on its wear resistance. G.N. Bakakin, A.P. Lubchenko, A.M. Petrichenko. *Lit. proizv.* no.4:26-27 Ap '66.

Materials for the protection of surfaces from abrasive wear. A.I. Artamonov, G.A. Bovkun. *Porosh. met.* 6 no.5:29-31 My '66.

Processes of friction and wear with a various oxygen content in the contact zone. B.I. Kostetskiy, I.G. Nosovskiy, L.V. Nikitin. *Fiz.-khim. mekh. met.* 1 no.6:675-682 '65.

Some results of the analysis of worn-out three-roller bits. S.G. Babnev, A.M. Ganiev, S.B. Tsypin. *Azerb. neft.khoz.* 45 no.4:39-41 Ap '66.

Wear-resistance of hardened cylindrical bushings. I.A. N. Shereshevskiy. *Lit. proizv.* no.2:35 F '64.

MECHANICAL WEAR—MATHEMATICAL MODELS

Mathematical modeling of processes of friction and wear and tear. S.S. Slobodinnikov. *Sbor. trud. Mosk. tekhn. inst.* no.8:73-92 '64.

MECHANICS

Design of the connecting rod for a plane-printing machine allowing for its own weight and the forces of inertia. G.M. Iashkin. *Sbor. trud. Mosk. tekhn. inst.* no.8:189-198 '64.

Iablonskiy, A.A. [Course of theoretical mechanics] *Kurs teoreticheskoi mekhaniki*. Izd.3., ispr. i dop. Moskva, Vysshaya shkola.

Pt.1. [Statics, kinematics] *Statika, kinematika*. 1966. 437 p.

Pt.2. [Dynamics] *Dinamika*. 1966. 410 p.

Problems affecting the determination of the critical velocities of straight axes and shafts. V.G. Mikhailov. *Sbor. trud. Mosk. tekhn. inst.* no.8:138-156 '64.

Solution of frames by the method of moment foil presented on the basis of the energy method. O.P. Melekin. *Sbor. trud. Mosk. tekhn. inst.* no.8:103-110 '64.

Statistical stability of the oscillatory motion of a system with one degree of freedom. A.N. Mikhlin, G.N. Bochkov. *Izv. vys. ucheb. zav.; radiofiz.* 9 no.2: 314-323 '66.

Use of a formula for the acceleration of a point in its complexly composite motion for determining accelerations in a strained body. K.I. Antimonov. *Sbor. trud. Mosk. tekhn. inst.* no.8:3-36 '64.

MECHANICS—CONGRESSES

Vsesoyuznyi s'ezd po teoreticheskoi i prikladnoi mekhanike, 2d, Moscow, 1964. [Transactions of the Second All-Union Congress on Theoretical and Applied Mechanics; summary reports] *Trudy; obzornye doklady*. Moskva, Nauka, No.3. [Mechanics of a solid body] *Mekhanika tverdogo tela*. 1966. 410 p.

MECHANICS (PERSONS) see subdivision under Volzhskiy (Volgograd Province)

MECHANICS, APPLIED

Calculation of a prestressed double-boom suspension system. V.A. Smirnov. *Trudy MFT* no.104:152-162 '66.

Calculation of the effect of Poisson's ratio for a multiply connected ponderable half plane in problems of photoelasticity. G.L. Khesin, A.V. Dmukhovskiy. *Izv. vys. ucheb. zav.; stroi. i arkh.* 9 no.3:45-48 '66.

Matrix method of constructing lines of reinforcement influence in statically determinate systems. V.V. Shnel'nikov. *Trudy MFT* no.194:14-33 '66.

Numerical method of calculating a circular plate of varying thickness under a polarisymmetrical load. A.F. Smirnov. *Trudy MFT* no.194:4-13 '66.

Stability of the equilibrium of structural elements. I.D. Suzdal'nikskiy. *Izv. vys. ucheb. zav.; stroi. i arkh.* 9 no.2:8-13 '66.

Using Chebyshev polynomials in problems of structural mechanics. B.P. Derzhayin. *Trudy MFT* no.194:98-110 '66.

MECHANICS, CELESTIAL

Resonances in multifrequency oscillations. A.M. Molchanov. *Dokl. AN SSSR* 168 no.2:284-287 My '66.

MECHANISM (PHILOSOPHY)

Discussion with the mechanists on the interrelation between philosophy and natural science. P.V. Alekseev. *Vop. filoz.* 20 no.4:44-54 '66.

MECHANISMS

Applying the approximation according to the method of the least squares to the synthesis of a three-bar lever mechanism. N.A. Chuprina. *Izv. vys. ucheb. zav.; mashinost.* no.2:6-11 '66.

Balancing inertial forces of flat mechanisms. L.N. Reshetov. *Izv. vys. ucheb. zav.; mashinost.* no.11:5-13 '64.

Conference on the use of toothed-lever mechanisms in automatic machines. *Mashinovedeniye* no.3:11 '66.

Dynamic investigation of critical operating conditions of mechanisms with an even function of the position of the driven link. I.I. Vul'fson. *Mashinovedeniye* no.3:41-49 '66.

Kinematics of a sine mechanism having no passive connections. M.A. Fakhriev. *Izv. vys. ucheb. zav.; mashinost.* no.2:12-13 '66.

Nonlinear theory of the precision of mechanisms with higher kinematic pairs. N.G. Bruevich, V.I. Sergeev. *Mashinovedeniye* no.3:3-15 '66.

Rack and pinion or chain mechanism? A.V. Lokosov. *Kuz.-shtam. proizv.* 9 no.5:38-39 My '65.

Solov'ev, A.I. [Design of the mechanisms of measuring, computing and automatic devices] *Raschet mekhanizmov izmeritel'nykh, vychislitel'nykh i avtomaticheskikh ustroystv*. Moskva, Energiya, 1966. 287 p.

Symposium on three-dimensional lever mechanisms. *Mashinovedeniye* no.3:11 '66.

Tavkhelidze, D.S., and S.M. Razdol'skiy. [Correction of masses of links performing a plane oscillating motion] *Korrektirovaniye mass zven'ev, sovrashchivayushchikh ploskie kachatel'noye dvizhenie*. Tbilisi, Sakhota Sakartvelo, 1964. 15 p.

MECHANIZATION

Mechanization of planning calculations. V. Bazrukov. *Vop. ekon.* no.4:66-72 Ap '66.

Mechanizers are exchanging experiences. R.K. Gullayev. *Ugol' Ukr.* 10 no.5:54 My '65.

MELICTINE

Dynamics of methyllicaconitine accumulation in various organs of the Ararat larkspur. G. M. Mamedov. *Ant. delo* 15 no. 2:34-35 Mr-Apr '66.

MELONS—VARIETIES

Soil temperature requirements for different varieties of melons. L. P. Bobkova. *Sbor. trud. po agron. fiz.* no. 12:88-94 '65.

MELTING

Estimation of the heat of phase transitions and the energy of vacancy formation in pure metals. P. P. Kuz'menko, P. A. Suprunenko. *Fiz. tverd. tela* 8 no. 5:1329-1335 My '66.

Experimental study of the similarity conditions for the flow of a melt in an induction furnace. N. I. Dragunkina, L. L. Tsv. *Mag. gidr.* no. 1:137-141 '65.

MELTING POINTS

Feasibility diagram of the quaternary reciprocal system $\text{Na}_2\text{SiO}_3 - \text{K}_2\text{SiO}_3 - \text{Na}_2\text{CO}_3 - \text{K}_2\text{CO}_3 - \text{H}_2\text{O}$ at 0 and 25°C. G. G. Babitskiy and others. *Izv. AN Arm. SSR, Khim. nauk* 10 no. 6:545-551 '65.

MEMBRANES (CHEMISTRY)

Ion-exchange membranes reinforced by synthetic fabrics and nets. A. B. Pashkov, E. I. Semenova. *Plast. massy* no. 5:59-51 '66.

MENINGES—TUBERCULOSIS

Atypical manifestations of tuberculous meningitis in adults. T. N. Medovaia. *Probl. tub.* no. 5:50-53 '64.

Clinical significance of studying C-reactive protein in tuberculous meningitis in children. G. P. Petrova. *Probl. tub.* no. 7:62-65 '65.

Detection of specific antibodies in the cerebrospinal fluid and blood serum as a method of early diagnosis of tuberculous meningitis in adults. I. P. Chik. *Probl. tub.* no. 5:53-56 '64.

Excretion of vitamin C and B₂ in the urine of patients with tuberculous meningitis. A. A. Novakovskaya and others. *Sov. med.* 28 no. 9:125-127 '64.

Treatment of apical leptomeningitis and cholesteatoma appearing as late sequelae of tuberculous meningitis. M. M. Vilkher. *Probl. tub.* no. 5:56-62 '64.

MENINGITIS

Cerebral arachnoiditis in the clinical aspects of neuroses; differential diagnosis. B. D. Karvasarskii. *Sov. med.* 28 no. 9:90-93 '64.

Treatment of apical leptomeningitis and cholesteatoma appearing as late sequelae of tuberculous meningitis. M. M. Vilkher. *Probl. tub.* no. 5:56-62 '64.

MENOPAUSE

Results of the treatment of pathologic climacterium with psychotropic drugs and the prevention of involutional psychoses. M. Sh. Vol'f. *Sov. med.* 28 no. 9:107-110 '64.

MENSTRUATION

Changes in the estrogen balance of menstruating patients with breast cancer under the effect of compound therapy. M. G. Paternyi. *Klin. khir.* no. 7:71-75 '65.

MENSURATION

Effect of measurement errors on the precision of predicting the course of a physical process. M. I. Potecov. *Izv. vys. ucheb. zav.; prib.* 9 no. 2:135-139 '66.

Increasing the efficiency of the method of random balances. R. L. Stokhodchikova. *Zav. lab.* 32 no. 1:54-58 '66.

Problems of metrology in a secondary school course in mathematics. N. N. Krutikovskii. *Uch. zap. TGPI* 21:192-196 '64.

MENTAL ILLNESS

Bacteriological and immunological studies in staphylococcal chronic sepsis with neuropsychic disorders. V. G. Pikus. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:76-84 Ag '64.

Comparative evaluation of methods for complement fixation in the cold, double diffusion in agar and passive hemagglutination of the detection of antiepileptic antibodies in the serum of patients with neuropsychic diseases. N. I. Kuznetsova. *Biul. ekap. biol. i med.* 58 no. 12:90-93 D '64.

MENTALLY HANDICAPPED CHILDREN—EDUCATION

First successes in work training. A. Pogozov, A. Samarin. *Sots. obesp.* 41 no. 5:36-39 My '66.

MENTALLY ILL—REHABILITATION

Leningrad. Nauchno-issledovatel'skii psikhonevrologicheskii institut imeni V. M. Bekhtereva. [Rehabilitation therapy and the social and occupational readaptation of patients with neuropsychic diseases; materials of the all-Union scientific conference, November 10-13, 1965] *Vosstanovitel'skaya terapiya i sotsial'no-trudovaya readaptatsiya bol'nykh nervno-psikhicheskimi zabolevaniyami; materialy vsesoyuznoi nauchnoi konferentsii*, 10-13 noyabrya 1965 goda. Leningrad, 1965. 380 p. (DNLM)

MENTHANEDIOL

Dehydration of terpin hydrate in the presence of the KU-1 and KU-2 ion-exchange resins and sulfuric acid. V. I. Isagullants, R. I. Fedorova. *Zhur. prikl. khim.* 39 no. 8:1880-1882 Ag '65.

MENTHOL

Conversion of dl-menthol stereoisomers to dl-menthol. N. E. Kologriyeva and others. *Zhur. prikl. khim.* 38 no. 8:1393-1394 Ag '65.

MEPROBAMATE

Regularities of meprobamate circulation in the rabbit body following its single and repeated introduction. A. I. Terekhina. *Farm. i toks.* 29 no. 2:136-140 Mr-Apr '66.

MEPROBAMATE—THERAPEUTIC USE

Meprotran as a medicinal substance. Use of meprotran in preventive and clinical geriatrics; a review. Report No. 1: Characteristics of meprotran as a medicinal substance. E. G. Popova. *Trudy MOIP, Otd. biol.* 17:234-252 '66.

MERCANTILE BUILDINGS—DESIGN AND CONSTRUCTION

Build faster, better, and cheaper. A. Rykov. *Sov. tog.* 39 no. 5:14-17 My '66.

MERCAPTO COMPOUNDS

Synthesis and some transformation of sulfides of the thiophene series. Report No. 9: Complex-forming compounds from substituted 5-mercapto-2-alkylthiophene IA, L. Goldfarb and others. *Izv. AN SSSR, Ser. khim.* no. 5:697-902 '66.

MERCHANT MARINE

(see also subdivision under Bulgaria; Cuba)

For new work achievements in the new year, comrades seamen! *Mor. flot* 24 no. 11-2 Ja '64.

In the interests of the country, for the good of the laborers. *Mor. flot* 26 no. 4:4-5 Ap '66.

The new five-year plan is the great cause of millions. *Mor. flot* 26 no. 4:1-3 Ap '66.

Overall development of merchant marine and its role in the consolidated transport network of the U.S.S.R. S. Baev. *Mor. flot* 24 no. 1:35-40 Ja '64.

The tons and kilowatts of the ship repairmen and longshoremen of Marmansk. V. Kazakov. *Mor. flot* 26 no. 4:20 Ap '66.

With thrift and prudence. N. Kharitonov. *Mor. flot* 26 no. 4:7 Ap '66.

MERCHANT MARINE—EXHIBITIONS

Marine transportation at the anniversary exhibition. A. Gordeev, V. Letunov. *Mor. flot* 26 no. 4:39-40 Ap '66.

MERCHANT MARINE—MANAGEMENT

Matrix form of the technical and economic information for planning and organizing the work of the fleet. N. Savin. *Mor. flot* 26 no. 4:18-19 Ap '66.

Put in good order the planning indices of the merchant marine. I. Gerbichenko. *Mor. flot* 24 no. 1:7-9 Ja '64.

MERCHANT MARINE—PASSENGER TRAFFIC

see subdivision under Azov, Sea of; Black Sea

MERCHANT SEAMEN—MEDICAL CARE

Guarding the health of seamen. A. Matusov. *Mor. flot* 24 no. 1:3-4 Ja '64.

MERCHANT SHIPS

Organization of the work of crews on automated ships. R. S. Rez. *Inform. sbor. TSNIMF* no. 151, Tekh. ekap. mor. flota no. 4:128-133 '65.

MERCHANT SHIPS—EQUIPMENT AND

Automation and mechanization of transport vessels. S. F. Maslennikov. *Inform. sbor. TSNIMF* no. 151, Tekh. ekap. mor. flota no. 4:116-127 '65.

MERCHANT SHIPS—PASSENGER

see subdivision under Russia

MERCHANT SHIPS—PASSENGER

division under Volga River

MERCHANTS

Moscow merchants and the trade second half of the 18th century. *Zap. Fed. inst. Gerts.* 278:272-

MERCURIMETRY

Use of two indicators in mercury. Zhukova, A. N. Brusentsov. *Izv. AN SSSR, Ser. khim.* no. 4:433-435 '66.

MERCURY

(see also subdivision under Vietnam)

Distribution of mercury in various soils of the U.S.S.R. and Vietnam. N. Kh. Aidin'yan, A. I. Troitskii, G. A. Belavskaya. *Geokhimiya* no. 7:654-659 Jl '61.

Interpretation and evaluation of primary mercury balances according to the results of the analysis of samples selected in various mines. M. S. Kurbatov, B. M. Is'kov. *Geokhimiya* no. 7:697-691 Jl '64.

MERCURY—ANALYSIS

Chemical and spectral determination of impurities in mercury. V. G. Tiptsova, E. I. Malkina, Z. A. Anisimova. *Zhur. anal. khim.* 21 no. 4:159-164 '66.

Fractional detection of bivalent mercury ions. A. P. Lokhvitskaya, V. F. Vozisova, L. I. Tsentimirskaia. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:153-154 '66.

MERCURY—TOXICOLOGY

Electrochemical method for the isolation of mercury from biological material. I. P. Marenich, O. A. Shcherbina. *Farmatsev. zhur.* 21 no. 2:37-41 '66.

Hygienic standards in concurrent pollution of reservoirs with mercury and lead. S. A. Fridland. *San. okhr. vod. i zagr. prom. stoch. vod.* no. 7:232-246 '65.

MERCURY, EFFECT OF TEMPERATURE ON

Direct observation of condensation and crystallization of mercury. G. S. Zhdanov, V. N. Vertsner. *Fiz. tverd. tela* 8 no. 4:1021-1027 Ap '66.

MERCURY COMPOUNDS

Complex compounds of mercury with diethyl selenophosphates. V. P. Toropova, M. K. Saikina, R. Sh. Aleshev. *Zhur. neorg. khim.* 11 no. 5:1130-1133 My '65.

Some regularities of the extraction of chloride compounds of mercury with organic solvents. I. N. Plaksin, Z. A. Anisimova, V. G. Tiptsova. *Zhur. neorg. khim.* 11 no. 4:851-858 Ap '66.

MERCURY COMPOUNDS—TOXICOLOGY

Experimental analysis of permissible limit concentrations of ethyl mercury chloride and diethyl mercury in the water of reservoirs. S. D. Zamyslova and others. *San. okhr. vod. i zagr. prom. stoch. vod.* no. 7:113-120 '65.

MERCURY ELECTRODES

see Electrodes, Mercury

MERCURY HALIDES

Interaction of hydrazones and azines with metal salts. Report No. 5: Reaction of hydrazones and azines with bivalent mercury halides. A. S. Gudkova, M. I. Aleksova, O. A. Rontov. *Izv. AN SSSR, Ser. khim.* no. 5:844-848 '66.

Interaction of hydrazones and azines with metal salts. Report No. 6: Synthesis of organomercury compounds from complexes of hydrazones with bivalent mercury halides. A. S. Gudkova, M. I. Aleksova, O. A. Rontov. *Izv. AN SSSR, Ser. khim.* no. 5:849-855 '66.

Reaction of di- and triethanolamine with mercury (II) chloride, bromide, and iodide. V. V. Udovenko, V. I. Zotov. *Ukr. khim. zhur.* 32 no. 5:440-444 '66.

MERCURY IODIDES

Preparation of phototropic sulfide iodides of varying composition. V. V. Shvridov, T. M. Leonova. *Dokl. AN SSSR* 10 no. 5:312-315 My '66.

MERCURY IODIDES—PHOTOELECTRIC PROPERTIES

Characteristics of induced photo-e.m.f. in mercury iodide. V. N. Larichev, V. A. Ilarionova. *Fiz. tverd. tela* 8 no. 3:955-959 Mr '66.

MERCURY ORES

see subdivision under Lisichansk District

MERCURY ORGANIC COMPOUNDS

see Organomercury compounds

MERCURY SELENIDES—THERMAL PROPERTIES

MEROMORPHIC FUNCTIONS see Functions, Meromorphie

MESENTERY—INNERVATION

Localization of disorders in the inferior mesenteric sympathetic ganglia of cats in thyroid gland hypofunction. V.N. Babichev. *Biul. eksp. biol. i med.* 58 no. 9:20-23 S '64.

MESHCHERSKII, IVAN VSEVOLODOVICH, 1859-1935

Meshcherskii and rocket dynamics. A. Kosmodem'ianskii. *Tekhn. i vooruzh.* no. 7:34-37 JI '65.

MESONS

Experimental study of chemical reactions involving muonium. A.I. Babayev and others. *Zhur. eksp. teor. fiz.* 50 no. 4:877-889 Ap '65.

METABOLISM

Regularities of meprobamate circulation in the rabbit body following its single and repeated introduction. A.I. Terkhina. *Farm. i toks.* 29 no. 2:136-140 Mr-Ap '66.

Seasonal changes in extracellular fluid metabolism in greater gerbils and yellow susliks. A.K. Atadzhikov, E.P. Serebriakov. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 2:87-89 '66.

Secretion of chlorine, orthophosphate, sulfate, sodium, zinc and thiamine by the salivary glands. I.U.A. Petrovich. *Fiziol. zhur.* 50 no. 11:1393-1399 N '64.

Some indices of intermediate metabolism in herd bulls. O.A. Ivanova and others. *Uch. zap. Viteb. vet. inst.* 18:59-59 '64.

METABOLISM, DISORDERS OF

Disorders of carbohydrate and nitrogen metabolism in vascular disorders (infarct, insult) in elderly persons. O.L. Bobrova. *Trudy MOIP, Otd. biol.* 17:171-179 '66.

METAHALLOYSITE see subdivision under Dniester Valley

METAL BONDING—TESTING

Studying the strength of layer cohesion in the hot extrusion of a bimetal. A.M. Chernov, S.A. Golovanenko, V.V. Gulaev. *Sbor. trud. TSNICIM* no. 42:101-106 '65.

METAL CASTINGS—CLEANING

Manipulators for S-216 sandblasting machines. A.I. Zibenberg, R.N. Polonskii. *Lit. proizv.* no. 4:33-34 Ap '66.

Vibration cleaning of castings. I.A. Balakin and others. *Lit. proizv.* no. 4:3-6 Ap '66.

METAL CHELATE COMPOUNDS see Organometallic compounds

METAL CLADDING

Automatic deposition of stainless steel upon steel of the pearlite class by plasma jets. A.E. Vainerman, V.D. Veselkov. *Avtom. svar.* 19 no. 4:54-56 Ap '65.

Effect of the cladding layer on the fatigue process in duralumin. A.V. Karlashay, V.P. Tokacov, A.P. Batov. *Fiz.-khim. mekhan.* 1 no. 6:701-711 '65.

Heat-resistant titanium alloys clad with titanium. S.G. Glazunov, V.N. Moiseev, V.M. Mikhailov. *TSvet. met.* 39 no. 5:80-82 My '66.

Rolling large-size two-layer sheets with a cladding layer of hard-to-work steel. L.V. Meandrov, A.A. Bykov. *Sbor. trud. TSNICIM* no. 42:45-54 '65.

Studying the effectiveness of the protection against hydrogenation of a cladding layer of OKh13 steel on 20K. V.G. Morozov and others. *Fiz.-khim.* 1 no. 6:717-719 '65.

METAL CUTTING—TESTING

Explosion-type unit for investigating the process of superhigh speed cutting. V.G. Grabin, V.N. Poduraev, I.U.N. Korotkevich. *Izv. vys. ucheb. zav.; mashinostr.* no. 11:98-105 '64.

METAL-CUTTING TOOLS

Hardening a cutting instrument with molybdenum sulfide. A.N. Gorshkova, I.E. Sherman, V.A. Saunikov. *Der. prom.* 14 no. 3:23-24 Mr '65.

Profiling disk tools for machining helical grooves. I.IA. Arkhipov. *Stan. i instr.* 37 no. 5:37-40 My '66.

Use of industrial diamonds and hard alloys in locomotive repair depots. A.P. Babenko, G.P. Velbitskii, A.I. Radchenko. *Elek. i tepletinga* 10 no. 1:14-15 Ja '66.

METAL-CUTTING TOOLS—DESIGN AND CONSTRUCTION

International "Olympia" Exhibition of Metal-Cutting Tools. V.Saltykov. *Tekhn. est.* no. 2:20-24 F '65.

METAL-CUTTING TOOLS—STANDARDS

Vaksmann, A.V. [Hobbing cutters with allowance for shaving; methods for standardization] *Prezy chervyachnye pod shever; metodika normalizatsii.* Moskva, Izdatvo Standartov, 1965. 57 p.

METAL DETECTORS

Magnetic separator. V.L. Grigachev. *Lit. proizv.* no. 4:34-35 Ap '66.

METAL IONS

Absorption by dolomite of heavy metal ions. Part 2. M.A. Sarkisian, S.S. Apfien. *Izv. AN Arm. SSR, Khim. nauk* 18 no. 6:556-559 '65.

Absorption of ions of some metals from electrolytes on the surface of germanium, silicon, and quartz. V.S. Sotnikov, A.S. Belanovskii. *Radiokhimiia* 8 no. 2:171-182 '66.

Adsorption of silver, iron, and antimony ions on the surface of germanium and silicon. V.S. Sotnikov, A.S. Belanovskii, M.I. Kuznetsova. *Radiokhimiia* 8 no. 2:259-261 '66.

METAL POWDER PRODUCTS—TESTING

Studying the properties of materials produced by extrusion and sintering of plasticized powder mixtures. I.M. Fedorchenko, A.G. Kostornov. *Porosh. met.* 6 no. 5:24-28 My '66.

METAL POWDER PRODUCTS—WELDING

Argon-arc welding of the heat-resistant SAP material. V.I. Oboturov. *Alum. splavy* no. 4:254-258 '66.

METAL POWDERS

Aluminum powder for high-strength SAP. E.M. Lekarenko and others. *Alum. splavy* no. 4:214-218 '66.

Determining the unit surface (particle size) of powders with the help of the flow rate measured in various conditions of gas flow in porous media. L.S. Izralovich, S.N. Novikov. *Porosh. met.* 6 no. 5:49-61 My '66.

METAL POWDERS—CORROSION

Corrosion resistance of the material SAP. V.S. Komissarov and others. *Alum. splavy* no. 4:277-287 '66.

METAL POWDERS—ELECTRIC PROPERTIES

Thermal and electric properties of porous tungsten and tungsten-molybdenum cathode materials. S.N. L'vov and others. *Porosh. met.* 6 no. 5:98-95 My '66.

METALLIC FILMS

Absorption and electron emission of films of alkaline earth metals on tungsten, iridium, and rhodium. V.I. Makuha, B.M. TSarev. *Fiz. tver. tela* 8 no. 5:1417-1427

the resistance of titanium films bombarded by ns. C. E. Ivanovskii, T.D. Radzhabov. *Fiz.* 1 8 no. 4:1271-1273 Ap '66.

growth of cathode-sputtered silver and nickel vacuum-cleaved NaCl crystals. V.G. Pyn'ko, epov. *Fiz. tver. tela* 8 no. 5:1635-1636 My

growth of silver, copper, and nickel films on stals cleaved in a vacuum. V.G. Pyn'ko. *tela* 8 no. 3:971-972 Mr '66.

of the process of the formation of coatings use of metal powders. P.S. Titov, E.IA. Besi- *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:162-

growth of films of lead selenide and lead. L.S. Palatnik, V.K. Sorokin. *Fiz. tver. o. 4:1080-1090 Ap '66.*

FILMS—MAGNETIC PROPERTIES

model of rotation in studying the magnetic states of ferromagnetic films. V.F. Udalov. *Zhur.* 35 no. 10:1834-1839 O '65.

METALLIC OXIDES

Properties of pure oxide ceramics at high temperatures. E.S. Lukin, D.N. Polubot'nikov. *Trudy MKIT* no. 45: 99-105 '64.

Quartz-free porcelain with additions of CaO and MgO and its properties. I.A. Bulavin, A.F. Belkov. *Trudy MKIT* no. 45: 121-124 '64.

Use of some metallic oxides as vulcanization activators of compounds based on synthetic butadiene rubber. E.P. Koshelov, L.P. Fedukhin. *Kauch. i rez.* 25 no. 5:19-22 '66.

Viscosity of clinker melts at 1300-1700°C. D.A. Vysotskii, I.U.M. Butt, V.V. Timashev. *Trudy MKIT* no. 45:30-33 '64.

METALLIC SOAPS

Rheological characteristics of lithium soap pseudogels as influenced by the fatty acid chain length. V.V. Sinityn, E.V. Aleeva. *Dokl. AN SSSR* 168 no. 3:636-639 My '66.

METALLOGRAPHY

Metallographic method for measuring the specific surface of powdered materials. S.A. Saltykov. *Zav. lab.* 32 no. 1:27-31 '65.

Structure of twinned interlayers at the surface and in depth of a metal. I.U.I. Demkin, L.N. Svirnova. *Fiz. met. i metalloved.* 21 no. 4:560-567 Ap '65.

METALLURGICAL ANALYSIS

Complexometric determination of zinc in the composition analysis of ores, slinters and slags. A.G. Petrunko, B.S. Khristoforov, L.A. Leonardova. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:65-72 '65.

Obtaining zinc orthoalkoxide and its quantitative determination in the presence of an oxide. B.S. Khristoforov and others. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:31-39 '65.

Phase analysis of iron-molybdenum catalysts. A.S. Kuznetsova, L.M. Shrebkova, B.S. Khristoforov. *Kim. i kt.* 7 no. 2:354-355 Mr-Ap '66.

METALLURGICAL FURNACES—DESIGN AND CONSTRUCTION

Studying the characteristics of turbulence of an aerodynamic fuel spray. V.I. Mitkhalmyl, A.P. Htenkov. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 5:175-181 '66.

METALLURGICAL FURNACES—MAINTENANCE AND REPAIR

Built-up welding of burnt furnace pins in the upper part of a cyclone. I.I. Korol'kov. *Energetik* 14 no. 5:23-26 My '66.

Expand the re-use of refractories. N.G. Vesclov and others. *Ogneupory* 31 no. 4:59-61 '66.

METALLURGICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Laboratory reflector furnace. V.I. Shvidenko. *Porosh. met.* 6 no. 5:96-102 My '66.

METALLURGICAL PLANTS—DESIGN AND CONSTRUCTION

All-Union Conference on the Construction of Enterprises in the Metallurgical Industry. A. Abzyov. *Prom. stol. i inzh. scor.* 5 no. 6:50-61 N-D '63.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

(see also subdivision under Ukraine)
Centrifugal reactor-separator. N.II'in. *Inform. biul. VDNK* no. 5:12 My '66.

METALLURGICAL PLANTS—LIGHTING

Operational reserve and cleaning intervals of light fixtures in the main department of metallurgical plants. V.D. Peretta. *Svetotekhnika* 12 no. 5:10-11 My '66.

METALLURGICAL PLANTS—SCHEDULING

see subdivision under Cherepovets (Vologda Province)

METALLURGICAL RESEARCH

see subdivision under Ural Mountain region

METALLURGY

(see also subdivision under Kazakhstan)

New achievements of Soviet metallurgy. V. Parfenov. *Komm. Vooruzh. Sil* 47 no. 10:16-21 My '66.

[Radiosotope devices in metallurgy] *Radiotopopnye pribory v metallurgii.* [By] V.N. Afanas'ev i dr. [Moskva] Metallurgiz, 1966. 224 p.

METALLURGY—ABSTRACTS

[Metallurgy] *Ref. zhur.: Met.* no. 2 F '66.

METALLURGY—STUDY AND TEACHING

Russia (1923— U.S.S.R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniyam. [Technology of metals and other building materials; program, methodological instructions, and test assignments for mechanics specialty students attending higher correspondence schools, faculties and departments.] Tekhnologiya metallov i drugikh konstruktivnykh materialov; programma, metodicheskie ukazaniya i kontrol'nye zadaniya dlya studentov mekhanicheskikh spetsial'nostei zaochnykh vysshikh uchebnykh zavedeniy, fakul'tetov i otdeleniy. [By V. T. Zhdan and B. G. Grinberg] Moskva, Vysshaya shkola, 1965. 113 p.

METALS

Danilov, V.N., and A.I.A. Zadneprovskii. [New structural materials; manual for students majoring in electro-mechanics.] Novye konstruktivnyye materialy; uchebnoe posobie dlya studentov elektromekhanicheskikh spetsial'nostei. Moskva, Vses. zaochnyi in-t inzhenerov zhelezn. transporta, 1965. 119 p.

Effect of hydrogen-ion concentration on the work of the pairs of differential aeration. V.P. Gladysheva, A.I.A. Shatalov. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:48-52 '65.

8-mercaptoquinoline and 8-hydroxyquinoline as inhibitors of steel, cast iron and copper corrosion in acid media in presence of ammonium ions. V.P. Dobrovolskaya, T.G. Neznanova, V.P. Baranukh. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:144-147 '65.

One general rule of the catalytic activity of metals. Ken-ichi Tanaka, Kenzi Tamura. Khim. i kat. 7 no. 2: 242-247 Mr-Apr '66.

METALS—ELECTRIC PROPERTIES

Lebedinskiy, M.A. [Electric vacuum materials; metals and alloys.] Elektrovaakuumnye materialy; metall i splavy. Izd. 2., perer. Pod red. N.I. Prokhorova. Moskva, Energiya, 1966. 230 p.

Theory of the electroconductivity of metals with nonmagnetic impurities. I.U. Kagan, A.P. Zharinov. Zhur. eksp. teor. fiz. 50 no. 4:107-1123 Ap '65.

METALS—FRACTURE

Studying the failure of steel, aluminum, and copper under the effect of explosive loading. S.A. Novikov, I.I. Divanov, A.G. Ivanov. Fiz. met. i metalloved. 21 no. 4:608-615 Ap '66.

METALS—HYDROGEN CONTENT

Effect of hydrogen absorption by the cathode metal on hydrogen overvoltage. L.L. Kristalik. Elektrokhimia 2 no. 5:816 My '66.

METALS—PICKLING

Investigating the conditions of acid cleaning of parts of ship mechanisms. V.A. Orlov. Trudy TSNIIMF no. 58:45-59 '65.

METALS—PLASTIC PROPERTIES

Coefficient of reinforcement in the plastic deformation of metal. N.I. Monakhov. Trudy MIT no. 104:117-125 '66.

METALS—TESTING

Calculating the actual yield point. G.I. Masalovich. Trudy MEI no. 61 pt. 2:229-236 '65.

Relaxation of residual stresses under the effect of vibration loading. O.N. Romanov. Fiz. khim. i khim. nat. 1 no. 6:720-729 '65.

METALS—THERMAL PROPERTIES

Equipment for the working of high-melting metals in vacuum and in neutral media. I.M. Pavlov and others. Trudy MEI no. 61 pt. 2:109-94 '65.

METALS—THERMOELECTRIC PROPERTIES

Effect of interband transitions on the thermoelectric properties of a substance. N.V. Kolomoets. Fiz. tver. tela 8 no. 4:907-1003 Ap '66.

METALS, EFFECT OF TEMPERATURE ON

Influence of the initial temperature of the base metal on the properties of welded joints. S.A. Ostrovskaya, Avtom. svar. 19 no. 4:8-12 Ap '66.

Studying the slow decarburizing of cementite at 700° C. V.A. Shalashov, A.A. Zhukov, V.K. Tomas. Fiz. met. i metalloved. 21 no. 4:623-625 Ap '66.

Temperature dependence of the magnetic properties of iron-nickel alloys. V.I. Zel'dovich, V.D. Sadovskii. Fiz. met. i metalloved. 21 no. 4:541-545 Ap '66.

METALS AT HIGH TEMPERATURES

Determining the yield limit of Kh18Ni9T steel by the extension method at higher temperatures. M.P. Markovets and others. Trudy MEI no. 61 pt. 2:221-224 '65.

Effect of manganese and zirconium on the hot shortness of alloys in the system Al—Mg—Zn. A.E. Semenov and others. Alum. splavy no. 4:170-174 '66.

Hot shortness of alloys in the system Al—Cu—Li—Mn. O.E. Grushko, I.I. Novikov, A.E. Semenov. Alum. splavy no. 4:15-20 '66.

Studying certain properties of cast structural alloy steel at high temperatures. N.N. Gugin and others. Stal' 26 no. 5:457-460 My '66.

METALS AT HIGH TEMPERATURES—TESTING

Unit for studying the thermo-c.m.f. of melts at high temperatures. V.M. Glazov, A.N. Krestovnikov, V.A. Evseev. Zav. lab. 32 no. 1:110-112 '66.

METALS AT LOW TEMPERATURES

Low temperature creep in lithium in the polymorphic transformation region. I.A. Gladin and others. Fiz. met. i metalloved. 21 no. 4:600-607 Ap '66.

METALS IN THE BODY

Semimicro-method for the extraction of heavy metals from the ashes of biological material and their polarographic determination. V.I. Sobel'man. Lab. delo no. 4:215-221 '66.

METALWORK

Klzev'shteyn, V.I.A. [Chemistry in metalwork.] Khimika v obrabotke metallov. [Leningrad] Lenizdat, 1966. 152 p.

Kuznetsov, V.I. [Materials used in machinery manufacture and the technology of their treatment.] Mashinostroitel'nye materialy i tekhnologiya ikh obrabotki. Moskva, Prosveshchenie, 1965. 203 p.

METALWORK—TECHNOLOGICAL INNOVATIONS

Unexpected developments in metalwork. V. Vasil'ev. Izobr. i rats. no. 4:25-26 Ap '66.

METALWORKERS—EDUCATION AND TRAINING see subdivision under Chelyabinsk Province

METALWORKING LUBRICANTS

Antifretion properties of materials used as dry lubricants. I.M. Fedorchenko, L.I. Pugina, N.E. Ponomarenko. Fiz. khim. mekh. mat. 1 no. 6:663-667 '65.

Influence of rolling lubricants on the magnetic properties of transformer steel. N.M. Fedosov and others. Trudy MEI no. 61 pt. 2:125-130 '65.

Studying metalworking lubricants in the hot extrusion of steel. I.U. E. Chernyi, N.D. Zolotukhina, I.D. Pisarenko. Kuz. -shlamm, proizv. 8 no. 4:11-13 Ap '66.

METALWORKING MACHINERY—MAINTENANCE AND REPAIR

Reconditioning and hardening metallurgical equipment parts by automatic built-up welding. E.I. Popovskii, A.S. Magurin. Metallurg 11 no. 5:35-37 My '66.

METAMORPHISM (GEOLOGY)

(see also subdivision under Mama Valley)

Ternovskaya, V.T., E.V. Artushkov, and V.N. Stavanov. [Paleogeomorphological method of prognosticating rock deformations.] Paleogeomorfologicheskii metod prognoza deformatsii gornyykh porod. Moskva, Nauka, 1966. 112 p.

META PHOSPHATES

Surface tension of salts and molten metaphosphates. I.D. Sokolova. Zhur. neorg. khim. 11 no. 4:933-935 Ap '66.

META PHYSICS

Skvortsov, L.V. [Is metaphysics acquiring a "second wind"? A critical analysis of the methodology of the bourgeois historical and philosophical thought of the 19th and 20th centuries.] Obretet li metafizika "vtoroe dykhanie"? Kriticheskiy analiz metodologii burzhuaznoy istoriko-filosofskoy mysli XIX-XX vv. Moskva, Mysl', 1966. 197 p.

METASEQUOIA

(see also subdivision under Kiev)

Wood of metasequoia. G.D. Iaroslavtsev, T.N. Vishniakova. Biol. Glav. bot. sadu no. 59:87-99 '65.

METASOMATISM

Analysis of the paragenesis of fluorite. G.N. Gramenetskii. Geol. rud. mestorozh. 8 no. 1:16-22 Ja-F '66.

Metasomatic zoning in granites of the Kamannyye Mogily in the region of the Sea of Azov. Z.M. Lashkevich, B.V. Zaitikha. Min. sbor. 19 no. 2:198-207 '65.

METASTASIS

Case of a malignant mesenchymatous metastasizing into the skeleton. M.S. Tsoshevskii, L.S. Pen'kov. Vest. rent. i rad. 41 no. 2:83-100 Mr-Apr '66.

Dymarskiy, L.IU. [Treatment of recurrences and metastases of cancer of the mammary glands.] Lechenie retsidivov i metastazov raka molochnoi zhelezy. [Leningrad] Meditsina, 1965. 150 p. (Biblioteka prakticheskogo vracha) (DNLM)

Ectopic choriocarcinoma in a male. V.G. Beketova, S.N. Zil'berman. Vest. rent. i rad. 41 no. 2:86-87 Mr-Apr '66.

Implantation metastases in the cardiac valves. L.L. Likht. Arkh. pat. 28 no. 3:74-75 '66.

Importance of direct lymphography in the diagnosis of metastases of cancer of the rectum. S.N. Fain. Vop. onk. 12 no. 5:18-24 '66.

Metastases from the kidneys and adrenal glands into the lungs. N.I. Rybakova. Vest. rent. i rad. 41 no. 2:31-37 Mr-Apr '66.

Metastasis of arachnoid sarcoma into the lungs. B.A. Samotokina, M.V. Tsyvkin. Vop. neirokhir. 30 no. 2: 57-58 Mr-Apr '66.

Role of a tomographic examination in the diagnosis of metastasis of cancer of the breast to the bones. M.A. Aliev. Azerb. med. zhur. 42 no. 3:41-48 My '65.

METAZIDE

Comparative data on phthivazide and methaxid inactivation in the body of tuberculosis patients. G.A. Smirnov, T.I. Kozul'taina. Probl. tub. no. 5:60-74 '64.

METEORITES

(see also subdivision under Transcarpathia)

Age and the thermal history of stony meteorites and minerals. L.K. Levskii. Geokhimiya no. 7:601-609 Ji '64.

Inert gases in stony meteorites. A.P. Vinogradov, I.K. Zadorozhnyi. Geokhimiya no. 7:597-600 Ji '64.

METEORITES—ANALYSIS

"Organized elements" of carbonaceous chondrites. G.P. Vedykin. Geokhimiya no. 7:678-682 Ji '65.

METEOROLOGICAL SATELLITES

Petrov, V.P. [Weather space stations.] Kosmicheskie satel'lit pogody. Moskva, Nauka, 1965. 116 p. (Nauchno-populjarnaya seriya)

Television apparatus of the artificial satellites for cloud observation. S.P. Pivovarov, I.A. Rosselovich. Tekhn. kine i telev. no. 4:7-17 My '66.

METEOROLOGY

Fridman, A.A. [Selected works.] Izbrannyye trudy. Pod red. I.S. Polaka. Moskva, Nauka, 1966. 462 p. (Klassiki nauki)

METEOROLOGY—CATALOGS

[Catalog of meteorology and nuclear radiation data of the World Data Center B.] Kat. dan. po meteor. i rad. rad. Ja, Ji '65.

METEOROLOGY—OBSERVATIONS see subdivision under Dzurgarian Alatau; Terskel Alatau; Trans-Ili Alatau

METEOROLOGY, AGRICULTURAL

(see also subdivision under Kazakhstan; Lithuania)

Determination of the area of leaves of grain crops from materials of observations of a network of agrometeorological stations. S.S. Savina. Meteor. i gidrol. no. 5:50-51 My '66.

Evaluation of agrometeorological conditions for the autumn vegetation of winter crops. A.I.A. Grudeva. Meteor. i gidrol. no. 5:42-45 My '65.

Evaluation of agrometeorological conditions for the formation of a flax crop. L.V. Andrianova. Meteor. i gidrol. no. 5:36-42 My '66.

Forecasting the heat supply of the vegetation period. N.D. Stepanov. Meteor. i gidrol. no. 5:48-49 My '66.

Necessity of calculating agrometeorological conditions for raising the effectiveness of the action of mineral fertilizers. M.A. Kukik. Meteor. i gidrol. no. 5:11-16 My '66.

Significance of radiation heating of the active surface in cultivating grapes. A.M. Kirakosyan. Meteor. i gidrol. no. 5:45-48 My '66.

Significance of the degree of the growth of plants in autumn for the wintering of winter crops. V.A. Moisetschik. Meteor. i gidrol. no. 5:26-31 My '66.

METEOROLOGY, AGRICULTURAL—BIBLIOGRAPHY see Bibliography—Meteorology, Agricultural

METEOROLOGY, AGRICULTURAL—CHARTS, DIAGRAMS, ETC.

Agroclimatic zoning of the U.S.S.R. D.I. Shashko. Vest. sel'khoz. nauki 11 no. 4:66-80 Ap '65.

METEOROLOGY, MARITIME

Effect of meteorological conditions on the detection of targets by radar. A. Kotukh. Mor. flot 24 no. 1:18-21 Ja '64.

Rabnovich, M.M., and D.I. Rul'kov. [Navigation and meteorology.] Navigatsiya i meteorologiya. Moskva, Transport, 1968. 170 p.

METEOROLOGY IN AERONAUTICS

Meteorology and gliding. P. Vorentsov. Kryl. rad. 16 no. 4:24-25 Ap '65.

METEORS

(see also subdivision under Arctic regions)

Mechanism behind the fragmentation of small meteoric bodies in the atmosphere. V.N. Lobedinskiy, I.U.I. Portugal'skiy. Dokl. AN SSSR 168 no.3:543-546 My '66.

Some physical parameters of the meteor trail of August 12, 1959. U. Shodiev. Biul. VAGO no.37:35-36 '65.

METHACRYLIC ACID

Characteristics of the viscous behavior of solutions of methyl methacrylate copolymers with 2-methyl-5-vinylpyridine in various media. S.M. Kochergin, V.P. Barabanov, I.G. Fedorova. Vysokom. soed. 8 no.5: 916-920 My '66.

Optical anisotropy of molecules of some esters of polymethacrylic acid in block and in solution. A.E. Grishchenko and others. Vysokom. soed. 8 no.5:803-803 My '66.

Polymerization of methacrylic acid at moderate pressures. A.V. Kislov and others. Dokl. AN SSSR 168 no.3:603-605 My '66.

Study of the polymerization of methyl methacrylate in the presence of halonitroperoxide compounds by spin echo technique. V.P. Prokopyev and others. Vysokom. soed. 8 no.5:737-749 My '66.

METHACRYLIC ACID—ELECTRIC PROPERTIES

Electric charges generated in polymethylmethacrylate deformed by compression. I.U.N. Novikov, F.I. Polovikov. Fiz. tver. tela 8 no.5:1562-1563 My '66.

METHANE

Determining the concentration of methyl bromide. I.A. Mordkovich. Zashch. rast. 11 no.5:59-51 '66.

Survival of anthrax spores during the methane fermentation of farm manure. V.D. Bubinov, O.S. Mikhailova. Trudy VNIIVS 16:157-159 '66.

METHANE—TOXICOLOGY

Experimental analysis of the permissible limit concentration of dichloromethane in the water of reservoirs. V.N. Tugarinova and others. San. okhr. vod. ot zagr. pron. stoich. vod. no.7:41-55 '65.

METHANE CRYSTALS—ELASTIC PROPERTIES

Elastic constants of polycrystalline methane in the temperature range of 14.4° - 77°K. P.A. Bezuglyi, N.G. Burma, R.Kh. Miniafaev. Fiz. tver. tela 8 no.3: 744-749 Mr '66.

METHANOL—TOXICOLOGY

Experimental analysis of the permissible limit, concentration of dimethylphenolcarbinol in the water of reservoirs. R.D. Smirnova, N.V. Klimkina. San. okhr. vod. ot zagr. pron. stoich. vod. no.7:206-218 '65.

METHIONINE

Inclusion of radioactive methionine into the proteins of various segments of the gastrointestinal tract. L.L. Braginskaya, V.A. Sukhanova. Biul. eksp. biol. i med. 58 no.9:69-71 S '64.

METHODOLOGY

Skvortsov, L.V. [Is metaphysics acquiring a "second wind?" A critical analysis of the methodology of the bourgeois historical and philosophical thought of the 19th and 20th centuries] Obretat li metafizika "vtoroe dykhanie"? Kriticheskiy analiz metodologii burzhuazno-istoriko-filosofskoi mysli XIX-XX vv. Moskva, Mysl', 1966. 197 p.

METHOXY GROUP

Carbalkoxylation reactions. Part 3: Carbomethoxylation of saturated hydrocarbons by means of formic acid and methanol. M.B. Ordian, I.A. T. Eldus, T.A. Kaal. Izv. AN Arm. SSR. Khim. nauki 18 no.6:585-593 '65.

METHOXYAMINE

Synthesis, structure, and bactericidal activity of methoxyamine derivatives of naphthalene. V.I. Blyzniukov, V.P. Shuchina. Farmatsevt. zhur. 21 no.2:17-23 '66.

METHYLAL

Synthesis and transformations of unsaturated organosilicon compounds. Part 30: Synthesis and some transformations of silicon acetylene formals. I.A. Shukhiev, N.D. Abdullaev. Zhur. ob. khim. 36 no.5:912-914 My '65.

METSAR, ROLAND, 1932-

Son of a blacksmith. O. Atolainen. Aglitor 34 no.10: 7-8 My '66.

MEXICO, GULF OF—OCEANOGRAPHIC RESEARCH

Oceanographic research of the Soviet-Cuban Marine Expedition. I.M. Belousov and others. Okeanologia 6 no.2:379-386 '66.

MEXICO, GULF OF—POGONOPHORA

Occurrence of Pogonophora in the southern part of the Gulf of Mexico and in the waters off Cuba. O. Gomez, L.I. Moskalov, F.A. Pasternak. Okeanologia 6 no.2: 344-346 '66.

MEZEN' VALLEY—MARL

Soils on eluvial red-colored marls. A.L. Parshovnikov. Pochvovedenie no.5:28-34 My '66.

MICA

Mica sheets. V.I. Brzhezanskiy, N.M. Vakser, A.V. Tolvinakia. Trudy LPT no.258:139-141 '65.

The UO2(SVU-2) mica separating equipment. B.M. Sokol, G.G. Zhur. no.5:67-68 My '66.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

Wide adoption of the dialectical and materialistic principles of I.V. Michurin's biology in foreign countries. N.M. Boncharenko. Filos. probl. such. pyrod. no.2:161-168 '64.

MICROBIAL GENETICS

Effect of refrigeration on the induction of streptomycin resistance by chemical mutagens. I.A. Arpat, I.U. Tominshvili. Mikrobiol. zhur. 28 no.2:34-41 '66.

MICROBIOLOGICAL RESEARCH

Conference on methods of microscopy used in industrial microbiological control. M.N. Poglazova, E.P. Feofilova, V.M. Alekseeva. Mikrobiologiya 35 no.2:379-380 Mr-Apr '66.

Determination of antimicrobial action during observations on the early stages of bacterial development. E.P. Pashkov, E.V. Rusakova. Zhur. mikrobiol., epid. i immun. 41 no.8:22-26 Ag '64.

Study of experimental infectious hepatitis in white mice. N.B. Proskurnikova. Zhur. mikrobiol., epid. i immun. 41 no.7:192-196 Ji '64.

MICROBIOLOGY—CONGRESSES

First Congress of Bulgarian Microbiologists. I.A. I. Rautenshteyn. Mikrobiologiya 35 no.2:374-376 Mr-Apr '66.

MICROBIOLOGY—CULTURES AND CULTURE MEDIA

Heterotrophic assimilation of carbon dioxide as an index of the development of bacteria. V.I. Romanenko. Dokl. AN SSSR 168 no.1:195-198 My '66.

Search for micro-organisms capable of decomposing carboxypenicillin esters. M.M. Levitov and others. Mikrobiologiya 35 no.2:258-262 Mr-Apr '66.

Some oxidative processes in the strains of Bacillus subtilis and Bac. mesentericus, producers of hydrolytic enzymes. I.D. Kolesnytska and others. Mikrobiol. zhur. 28 no.3:3-8 '66.

Study of the stability of lyophilic dry microbes during prolonged storage. O.I. Ovcharenko, N.S. Teslykova. Mikrobiol. zhur. 28 no.3:75-76 '66.

MICROBIOLOGY—TECHNIQUE

Classification of Brucella and methods of their differentiation. P.A. Vershtova, N.N. Ostrovskaya. Zhur. mikrobiol., epid. i immun. 41 no.7:5-10 Ji '64.

Comparative evaluation of laboratory methods for the detection of typhoid fever carriers. Preliminary report. M.P. Ol'kova. Zhur. mikrobiol., epid. i immun. 41 no.8:74-78 Ag '64.

Differentiation of atypical strains of mycobacteria and acid-fast saprophytes by intradermal tests on guinea pigs. A.P. Baturo. Probl. tub. 42 no.6:71-74 '64.

Dynamics of the phage titer growth reaction in dysentery. M.R. Zak, L.A. Vorontsova. Zhur. mikrobiol., epid. i immun. 41 no.7:93-98 Ji '64.

Study of the dynamics of the morphological changes in the skin of guinea pigs for the differentiation of acid-fast mycobacteria. A.A. Klebanova, V.I. Braude. Probl. tub. 42 no.6:64-71 '64.

Typing of Brucella isolated in the southwestern part of the Russian Federation. G.A. Balandina, N.P. Prostetova, Z.P. Moskalenko. Zhur. mikrobiol., epid. i immun. 41 no.7:11-15 Ji '64.

Use of gradient methods of microbiology. V.A. Korvillu. Mikrobiol. zhur. 28 no.3:77-82 '66.

MICROCLIMATOLOGY

Brief characteristics of microclimatic conditions in various associations of the northern semidesert of central Kazakhstan. N.I. Bobrovskaya. Trudy Bot. inst. Ser. 3 no.17:170-180 '65.

MICROLITE—CLASSIFICATION

Systematization of the pyrochlore-microlite group of minerals. E.M. Bontshteyn-Kupletskaya. Zap. Vses. min. ob-va 95 no.2:134-144 '66.

MICRO-ORGANISMS

Resistance of some micro-organism strains to ultraviolet rays. A.I. Zhukova, V.Kh. Kozlova. Mikrobiologiya 35 no.2:302-306 Mr-Apr '66.

MICRO-ORGANISMS, EFFECT OF DRUGS ON

Chemotherapy of tuberculosis patients in the presence of mycobacterial resistance to basic antitubercular preparations. M. Zurski, A. Zachara. Probl. tub. no.7:23-28 '65.

Comparative data of determining the resistance of Mycobacterium tuberculosis to the basic antitubercular preparations in various solid media. A.Z. Smolian-skaya, E.M. Morein. Lab. delo no.4:227-229 '66.

Development of resistance to antibiotics and the characteristics of paratyphoid B pathogens of various phage types. G.M. Adomonte. Antibiotiki II no.4:364-368 Ap '66.

Increase in the resistance of Gartner's bacilli to monomycin during the process of treating experimental paratyphoid infection. L.G. Kazhmina. Antibiotiki II no.4: 332-337 Ap '66.

Primary resistance of Mycobacterium tuberculosis to drugs. L.E. Jannus, J.J. Karason. Probl. tub. no.7: 28-30 '65.

MICRO-ORGANISMS, CELLULOSE-DECOMPOSING

Enzymatic activity of cellulose-decomposing microflora in the intestines of young pigs. A.I. Karbatov. Veterinaria 42 no.4:23-25 Ap '66.

MICRO-ORGANISMS, NITROGEN-FIXING

Determining nitrogen-fixing ability of nodule bacteria by an enzymatic test. I.M. Doroshinskiy, I.V. Zagor'ye, D.M. Buzhinskii. Mikrobiologiya 35 no.2:310-322 Mr-Apr '66.

Distribution of Clostridium pasteurianum in the U.S.S.R. G.N. Blinov, A.A. Romanov. Uch. zap. TGPI 21:51-63 '64.

Effect of copper, cobalt and other microelements on the nitrogen fixation by soil Mycobacteria. T.K. U'ina. Mikrobiologiya 35 no.2:323-327 Mr-Apr '66.

Effect of heteroauxin on the activity of nodule bacteria in peas at various phases of their development. V.D. Tagiev. Izv. AN SSSR. Ser. biol. no.3:446-451 My-Je '66.

MICROSCOPY

Activity of the International Commission on Ore Microscopy of the International Mineralogical Association. Geol. rad. mestorozh. 8 no.1:124-126 Ja-P '66.

MICROSCOPY—CONGRESSES

Conference on methods of microscopy used in industrial microbiological control. M.N. Poglazova, E.P. Feofilova, V.M. Alekseeva. Mikrobiologiya 35 no.2:379-380 Mr-Apr '66.

MICROSCOPY—TECHNIQUE

Light guide of acrylic plastics for intravital microscopy of animal tissues. S.A. Seleznev, I.G. Vankov. Fiziol. zhur. 52 no.5:604-606 My '66.

MICROWAVE TUBES

Atanovskii, I.V. [Electron beams and electron pens] Elektronnyye puchki i elektronnyye penki. Moskva, Sovetskoe radio, 1966. 455 p.

Platinotrons. E. Vereshchagina. Tekhn. vopr. 24-28 Ji '65.

MICROWAVES

Analysis of transient processes in travelling-wave amplifiers in segments of long lines. G.G. Ukladov. Izv. vys. ucheb. zav.; radiotekh. 9 no.2:224-231 Mr-Apr '66.

Calculation of the focusing of charged particles by periodic fields. A.P. Fateev. Radiotekh. i elektron. 11 no.5:940-942 My '66.

Calculation of wave guide slot antennas, taking into account the interaction of the radiators in the principal mode. G.A. Evstropov, S.A. Tsarankin. Radiotekh. i elektron. 11 no.5:822-830 My '66.

Effect of the low-frequency impedance of a gas discharge detector on the shape of a preselected microwave pulse. G.D. Lobov, A.I. Mamonov. Radiotekh. i elektron. 11 no.5:879-885 My '66.

Excitation of a dielectric wave guide with small delay. V.F. Vziatyshv. Radiotekh. i elektron. 11 no.6:839-849 My '66.

Fluctuation of phase and amplitude in a generator with delayed feedback. G.I.A. Gelnikova, I.U.S. Fedotov. Radiotekh. i elektron. 11 no.5:935 My '66.

II-wave slot filters in a circular wave guide. V.V. Merikri. Radiotekh. i elektron. 11 no.5:934-935 My '66.

Nonlinear interaction of the waves of the harmonic components in an electron beam. V.I. Kanavets. Radiotekh. i elektron. 11 no.5:930-936 My '66.

Slot couplings of rectangular single-mode wave guides. Equivalent circuits and lumped parameters. I.B. Levinson, P.Sh. Fridberg. Radiotekh. i elektron. 11 no.5:831-838 My '66.

Some experiments with microwaves. B.Sh. Perkal'skii, V.L. Larin. Izv. vys. ucheb. zav.; fiz. 9 no.2:170-171 '66.

Some superhigh frequency characteristics of a multilayer film system. N.S. Chirnikov, and others. Radiotekh. i elektron. 11 no.5:950-951 My '66.

Use of semiconductor diodes in the modulation of microwave energy in the 10 cm. band. V.T. Tsarenko, I.E. Malysenko. Izv. vys. ucheb. zav.; radiotekh. 9 no.2: 241-243 Mr-Apr '66.

MIDDLE AGES—HISTORY

[History of the middle ages in two volumes] Istorija srednikh vekov v dvukh tomakh, Moskva, Vysshata shkola, Vol. 1. Skazkin, S.D., and others, eds. 1968. 595 p. fold. maps (insert)

MIKESHIN, GEORGI VLADIMIROVICH, 1911-1965

Georgii Vladimirovich Mikeshin (1911-1965). E.E. Gogina. Biol. Glav. bot. sada no. 59:111-112 '65.

MIKHAILIANTS, SUREN SOLOMONOVICH, 1905-

Skillful organizer. E. Sushchinskii. Zashch. rast. 11 no. 1:5-6 '66.

MILDEW see subdivision under Tashkent Province

MILI STEPPE see Kura Lowland

MILITARY AIR DEFENSES see Air defenses, Military

MILITARY ART AND SCIENCE

Dialectics of the development of and change in the forms and methods of armed contests. V. Voznenko. Komm. Vooruzh. Sil 47 no. 11:41-46 Je '66.

Some problems concerning the development of strategic theory in the 1920's. N. Pavlenko. Voenn.-ist. zhur. 8 no. 5:10-26 My '66.

V.I. Lenin and military technology. S. Tushkevich. Tekh. i vooruzh. 24 no. 4:10-13 Ap '66.

We need well-informed and skilled personnel. G. Kolesnichenko. Komm. Vooruzh. Sil 47 no. 10:52-53 My '66.

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ASSISTANCE, BRITISH see subdivision under Greece

MILITARY BASES, AMERICAN

Wasp nests of the Pentagon; with a map. A. Melnikin. Agitator 34 no. 11:53-54 Je '66.

MILITARY BRIDGES see subdivision under Poland

MILITARY BRIDGES—DESIGN AND CONSTRUCTION

Servicing a bridge launcher. N. Ljubchenko, G. Repkin. Tekh. i vooruzh. 24 no. 4:78-81 Ap '68.

MILITARY DISCIPLINE

A company has become an outstanding military unit. A. Shagin. Komm. Vooruzh. Sil 47 no. 11:56-60 Je '66.

Discipline, a mighty force. Sov. voen 47 no. 18:1 S '65.

More attention to the organizational problems of military service. D. Rusaev. Komm. Vooruzh. Sil 47 no. 11:27-30 Je '66.

MILITARY EDUCATION

(see also subdivision under Czechoslovakia; Moscow; Volgograd)

Admission rules for entrance to the schools of higher military and naval education. Komm. Vooruzh. Sil 47 no. 10:81-84 My '66.

Guardsmen in the lead. V. Alekseevskii, S. Kostianol. Tekh. i vooruzh. 24 no. 3:14-15 Ja '66.

In the Moscow Military School (to be continued). B. M. Shaposhnikov. Voenn.-ist. zhur. 8 no. 6:78-80 Je '66.

It is necessary to perfect methodology. V. Lutskov. Tekh. i vooruzh. no. 7:33-43 Ji '65.

Lutskov, V.N. [For the sergeant on the training of subordinates] Serzhanu o vospitani podchinnennykh. Izd. 2., dop. i perer. Moskva, Voentzdat, 1906. 255 p.

Methodological skill does not come by itself. N.A. Ivanov, I. P. Lysyi. Vest. protivovozd. obor. no. 5:27-31 My '66.

Network planning into practice. V.A. Maslov, N. P. Supriaga. Vest. protivovozd. obor. no. 5:32-36 My '66.

Technical knowledge of the officer. E. Shecherbakov, K. Balats. Tekh. i vooruzh. 24 no. 4:53-57 Ap '66.

Technical knowledge of the officer. G. Mikhailovskii. Tekh. i vooruzh. 24 no. 1:22-26 Ja '66.

MILITARY ENGINEERING—STUDY AND TEACHING

This demands life. I. P. Banchukov. Vest. protivovozd. obor. no. 5:23-26 My '66.

MILITARY ENGINEERS

If you work with vigor. D. Muzyka. Komm. Vooruzh. Sil 47 no. 10:57-60 My '66.

Party organizations and how scientific suggestions. A. Prokofiev. Komm. Vooruzh. Sil 47 no. 10:70-71 My '66.

MILITARY HISTORY—BIBLIOGRAPHY see Bibliography—Military history

MILITARY INTELLIGENCE see subdivision under United States

MILITARY JOURNALISM see Journalism, Military

MILITARY LIBRARIES

Servicemen study the works of Lenin. V. Pina. Bibliotek. 43 no. 5:25-28 My '66.

MILITARY MECHANIZATION see Mechanization, Military

MILITARY OFFENSES see subdivision under Lithuania

MILITARY RADAR see Radar, Military

MILITARY RADIO see Radio, Military

MILITARY SUPPLIES

Experience, initiative. Tekh. i vooruzh. 24 no. 1:74-77 Ja '66.

Experience, initiative. Tekh. i vooruzh. 24 no. 4:34-39 Ap '66.

Experience, initiative. Tekh. i vooruzh. no. 7:80-85 Ji '65.

MILITARY SUPPLIES—MAINTENANCE AND REPAIR

Work in the communist way! Tekh. i vooruzh. 24 no. 1:4-7 Ja '66.

MILITARY SURGERY see Surgery, Military

MILITARY TRAINING

Field exercises are the most important part of military training. V. Ushakov. Komm. Vooruzh. Sil 47 no. 10:38-51 My '66.

Interest in military training. B. Badavaev. Komm. Vooruzh. Sil 47 no. 11:49-55 Je '66.

Let's improve the "style" of military training in subunits. B. Mart'yanov. Komm. Vooruzh. Sil 47 no. 10:51 My '66.

We are always prepared for the defense of our country. Komm. Vooruzh. Sil 47 no. 10:2-6 My '66.

MILK—ANALYSIS AND EXAMINATION

Duration of antibiotic excretion with the milk of cows. O. A. Simutskii. Veterinaria 43 no. 5:81-82 My '66.

Effect of ichthyol solution on the flavor of meat and milk. A. S. Koshin. Veterinaria 42 no. 4:103-104 Ap '66.

Milk testing plate for the diagnosis of mastitis. V. I. Motovin. Veterinaria 43 no. 5:80-81 My '66.

MILK—COMPOSITION

Chemical composition of milk as an indicator of specific and breed characteristics in animal husbandry. N. A. Gorskii. Dzh. zap. Viteb. vet. inst. 18:7-24 '64.

MILK—THERAPEUTIC USE

Immune milk and prospects for its use. I. I. Arkhangelskii, M. P. Butko. Veterinaria 43 no. 5:83-86 My '66.

MILK, CONDENSED

(see also subdivision under Siberia)

Manufacture of condensed milk in blocks. V. V. Strakhov, V. N. Pavstova, V. G. Skoromnikova. Trudy VNIMI [Mol.] no. 23:86-72 '65.

Rancidification of sweetened condensed milk. I. A. Radaeva, V. M. Bogdanov, S. M. Shtal'berg. Trudy VNIMI [Mol.] no. 23:10-16 '65.

Studying some factors affecting the quality and keeping properties of sweetened condensed milk. S. M. Shtal'berg, I. A. Radaeva, N. A. Pometova. Trudy VNIMI [Mol.] no. 23:3-10 '65.

Studying the causes of lactose sedimentation in canned sweetened condensed milk. V. N. Pavstova, V. G. Skoromnikova, N. A. Pometova. Trudy VNIMI [Mol.] no. 23:31-48 '65.

Studying the factors affecting the reaction of melanoidin formation (darkening) of sweetened condensed milk. S. M. Shtal'berg, I. A. Radaeva, S. P. Shal'kina. Trudy VNIMI [Mol.] no. 23:10-31 '65.

MILK, CONDENSED—STORAGE

Determining the maximum keeping time of sweetened condensed milk. S. M. Shtal'berg, I. A. Radaeva, V. M. Bogdanov. Trudy VNIMI [Mol.] no. 23:48-65 '65.

MILK SUGAR see Lactose

MILK VETCH

(see also subdivision under Azerbaijan)

Preliminary analysis of some Astragalus species for the presence of flavonoids. L. I. Derizhina. Farmatsev. zhur. 20 no. 3:62-65 '65.

MILKING MACHINES

Increasing the reliability of machine milking. N. Rogozhkin. Tekh. v sel'khoz. 28 no. 4:14-16 Ap '66.

MILKING MACHINES—CLEANING

Simultaneous washing and disinfection of milking machines. I. I. Arkhangelskii, V. D. Iablochkin. Veterinaria 42 no. 4:84-86 Ap '66.

MILKY WAY

Determining variations in the rotation velocity of the Galaxy in the Z-direction from the profiles of neutral hydrogen lines. T. A. Agekian, I. V. Petrovskaya, B. I. Fesenko. Astrofizika 1 no. 4:373-383 D '65.

MILLING MACHINERY

Calculating vibratory mills. P. F. Ovchinnikov. Izv. vys. ucheb. zav.; mashinost. no. 3:85-89 '66.

Crushers and classifiers. A. D. Lesin, R. V. Lohsina. Khim. i nef. mashinost. no. 5:37-43 My '66.

MILLING MACHINES

Milling machines for cutting grooves. N. I. Popov and others. Stan. i instr. 37 no. 5:29-32 My '66.

MILLIVOLTMETER

Improving the circuit of the MP1-02m regulating millivoltmeter. V. A. Sidorov. Priborostroenie no. 5:25 My '66.

MINE BUILDINGS see subdivision under Ukraine

MINE DRAINAGE—EQUIPMENT AND SUPPLIES

Drilling underground drainage holes with the NK1-100 semiautomatic drill. V. V. Pass, V. D. Pashchenko. Shkhit. stroi. 10 no. 4:23-24 Ap '66.

MINE DUSTS

Some electrocardiographic changes in workers following exposure to the effect of various types of dust. A. A. Andreassian. Zhur. eksp. i klin. med. 6 no. 1:94-98 '66.

MINE DUSTS—REMOVAL

Calculating the dusting ventilation of mechanized longwalls. V. V. Dikav, N. I. Goluzin. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:61-66 '66.

MINE EXPLOSIONS

Chernov, O. I., and E. S. Rozantsev. [Prevention of sudden outbursts of coal and gas in coal mines] Preduprezhdenie vnezapnykh vybrosov ugla i gaza v ugol'nykh shakhtakh. Moskva, Nedra, 1965. 208 p.

MINE FILLING

Drawing protective pillars at the Krasnogvardeysk mine by systems with hardening filling. I. V. Dement'ev, A. A. Khimich, V. M. Bakmutov. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:17-22 '66.

Overburden from the Prokopyevsk-Kiselevsk coal strip mines in the Kuznetsk Basin used for mine filling. S. I. Rodionov. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:13-16 '66.

MINE FIRES—ECONOMIC ASPECTS

Estimating economic damages caused by spontaneous fires. V. I. Kirsanov, L. P. Tomashevskii. Ugol' 41 no. 5:63-64 My '66.

MINE GASES

(see also subdivision under Noril'sk region, Krasnoyarsk Territory)

Studying the gas pressure in mining outbreak-prone coal seams of the Vorkuta deposits. V. M. Iakovlev. Ugol' 41 no. 5:57-59 My '66.

MINE HAULAGE—EQUIPMENT AND SUPPLIES

Improving the methods of ore transportation. N. P. Zinchevskii and others. Gor. zhur. no. 5:28-32 My '66.

Using diesel engines built in series for the drive of coal mine conveying machinery. I. T. Chuiko and others. Ugol' Ukr. 10 no. 5:35-36 My '66.

MINE HOISTING—BRAKES

A more accurate formula of specific pressures between the brake shoe and the rim on mine hoists. V. I. Belobrov. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:108-111 '66.

MINE HOISTING—EQUIPMENT AND SUPPLIES

Determining additional stresses in hoist ropes occurring during their passage from one layer to the other. G. V. Verstakov, L. F. Iakovlev, B. L. Girshik. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:112-117 '66.

Determining additional stresses in hoisting ropes. G. V. Verstakov, L. F. Iakovlev, B. L. Girshik. Gor. zhur. no. 5:69 My '66.

Lining of pulleys and devices for cleaning hoist ropes. V. G. Stogol, V. I. Karagayev. Shkhit. stroi. 10 no. 4:29-30 Ap '66.

MINE MANAGEMENT see subdivision under Kola Peninsula

MINE PUMPS—EFFICIENCY

Advantageous ratio of the radial clearance limit in the packing of pumps for pumping out nonpurified mine waters. A. I. Borskhovich. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no. 4:116-120 '65.

MINE PUMPS—ELECTRIC DRIVING

Automation of individual pumps with low-voltage engines by using the VIRS apparatus. I. A. Virakhovskii. *Ugol'* 41 no. 5:41-43 My '66.

MINE PUMPS—EQUIPMENT AND SUPPLIES

Efficiency of N-4 pumps with emulsion as working fluid at the OMKT pumping station. O. P. Fadeev, I. N. Kazak, I. V. Skvortsov. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no. 4:94-97 '66.

MINE RAILROADS—EFFICIENCY

Efficiency of mining excavators and train compositions depending on the yield of lumpy fractions. B. P. Iumatov, M. I. Roizman. *Gor. zhur.* no. 5:24-28 My '66.

For a higher performance of electric locomotives. G. A. Sviderskii. *Ugol' Ukr.* 10 no. 5:20 My '66.

MINE RAILROADS—EQUIPMENT AND SUPPLIES

Lining of cell boxes of mine electric locomotives. N. A. Kolesnik and others. *Ugol'* 41 no. 5:43-47 My '66.

MINE ROOF BOLTING

Determining the network of reinforced concrete bolting rods in stopes. N. P. Erofeev. *Vest. AN Kazakh. SSR* 22 no. 4:66-68 Ap '66.

MINE SURVEYING

Calculating the height of the caving zone in mining blind ore deposits. A. G. Akimov. *Gor. zhur.* no. 5:53-55 My '66.

Ukraine, Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Mining of mineral deposits] Razrabotka mestorozhdenii poleznykh iskopayemykh. Kiev. (Mezhvedomstvennyi i respublikanski nauchno-tekhnicheskii sbornik)

No. 3. [Mine surveying] Marksheiderskoe delo. 1965. 145 p.

No. 4. [Mine ventilation and safety measures] Rudnichnaia ventiliatsiia i tekhnika bezopasnosti. 1965. 186 p.

No. 5. [Overall mechanization equipment] Oborudovanie kompleksnoi mekhanizatsii. 1965. 197 p.

MINE SURVEYING—INSTRUMENTS

Brigade method of plotting theodolite traverses in a mine. G. M. Derevianchenko. *Ugol'* 41 no. 5:66-68 My '66.

MINE TIMBERING

Complete development of mining areas at the Kalinin mine. V. I. Startsev, V. P. Krivonoz. *Ugol'* 41 no. 5:21-24 My '66.

Directives as to the execution and acceptance of operations on the reinforcement of vertical mine shafts. A. P. Startitsyn. *Shakht. stroi.* 10 no. 4:32 Ap '66.

Mining and protecting inclined workings in coal mines of the "Proletarskagol'" Trust. I. A. Zaitsev, V. P. Gorbunov. *Ugol' Ukr.* 10 no. 5:23-24 My '66.

Upraise mining in weak rock with the help of movable shields. V. I. Budriavovich. *Gor. zhur.* no. 5:36-38 My '66.

Zaplnvskii, G. A., and V. A. Lesnykh. [Mining operations, conducting and supporting mine workings] Gornye raboty, provedenie i kreplenie gornykh vyrobokot. Moskva, Nedra, 1966. 183 p.

MINE TIMBERING—PRODUCTION STANDARDS

Work organization and production standards for the lining of mine workings with new forms of permanent supports. V. A. Dubodolov, V. I. Kartashev, F. A. Mushchenov. *Shakht. stroi.* 10 no. 4:13-14 Ap '66.

MINE VENTILATION

Analysis of the frequency relation of a controlled ferrite-transistor coil in a system telemetering transducer information on mine air control. V. G. Gryshko. *Dop. AN URSSR* no. 4:470-474 '66.

Forecasting the variations of the value of aerodynamic resistance to caving with the increase of mining depth. V. A. Iartsev. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no. 4:47-54 '66.

Heat increase in ventilation currents in mining with conveyor transportation. D. A. Karpov. *Ugol' Ukr.* 10 no. 5:49-50 My '66.

Ukraine, Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Mining of mineral deposits] Razrabotka mestorozhdenii poleznykh iskopayemykh. Kiev. (Mezhvedomstvennyi i respublikanski nauchno-tekhnicheskii sbornik)

No. 3. [Mine surveying] Marksheiderskoe delo. 1965. 145 p.

No. 4. [Mine ventilation and safety measures] Rudnichnaia ventiliatsiia i tekhnika bezopasnosti. 1965. 186 p.

No. 5. [Overall mechanization equipment] Oborudovanie kompleksnoi mekhanizatsii. 1965. 197 p.

MINE VENTILATION—EFFICIENCY

Efficiency of pressure and suction fans in mine ventilation systems. S. I. Lugovskii, T. M. Belova. *Gor. zhur.* no. 5:61-64 My '66.

MINE VENTILATION—EQUIPMENT AND SUPPLIES

Controlled electric drive of fans in the main ventilation system of coal mines. V. M. Derlovskii, I. G. Borziak, B. Kh. Bogopol'skii. *Ugol' Ukr.* 10 no. 5:34-35 My '66.

Ventilation of mine workings with fans distributed along flexible air ducts. E. M. Krasnitsyn, N. E. Grubskii. *Shakht. stroi.* 10 no. 4:24-26 Ap '66.

MINE VENTILATION—MODELS

Turbulence characteristics of air currents in mine workings. A. I. Krasnitsyn, K. Z. Ushakov. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no. 4:55-60 '66.

MINE WATER see subdivision under Irkutsk region (Chimkent Province); Moscow Basin

MINERAL INDUSTRIES—ECONOMIC ASPECTS

Improving economic analysis in the ore mining industry. E. M. Kozakov, I. I. Zhernakov. *Gor. zhur.* no. 5:17-18 My '66.

MINERAL METABOLISM

Akademiia nauk SSSR, Ural'skii filial, Sverdlovsk. Institut biologii. [Theoretical problems of mineral metabolism] Teoreticheskie voprosy mineral'nogo obmena. Moskva, Nauka, 1966. 82 p.

MINERAL OILS—ANALYSIS

Determining the group composition of resins and oils by the thin-layer chromatographic method. I. Klement, A. Kasberg, O. Eisen. *Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk* 15 no. 1:98-105 '66.

MINERAL WATERS

(see also subdivision under Ossetia, North; Pyatigorsk; Ugleb, Yaroslav Province)

Significance of erupted and metamorphic rocks for the mineralization of natural waters. O. A. Alekin, G. N. Danilova. *Dokl. AN SSSR* 168 no. 3:675-678 My '66.

Substitution of the peroral use of radon water in alpha therapy. D. A. Lebedeva. *Med. rad.* 11 no. 4:50-64 Ap '66.

MINERAL WATERS—ANALYSIS see subdivision under Andyskoye Kaysa Valley

MINERAL WATERS, SULFUREOUS

Hydro-sulfuric water therapy. M. Syroechkovskaya. *Okhr. truda i sots. strakh.* 8 no. 3:30-31 Mr '66.

MINERAL WOOL

Change in the aerodynamic regime of chambers for fiber coating and polymerization. S. F. Smirnov and others. *Stroi. mat.* 12 no. 4:13-14 Ap '66.

Technology of briquetting loess-dolomite charges for the manufacture of mineral wool. O. Mikhailiants, V. Kovnlenko. *Stroi. i arkhit. Sred. Az.* 1 no. 7:19-20 Ji '64.

MINERALOGICAL CHEMISTRY

Leningrad. Universitet. [Problems in the analytical chemistry of mineral substances] Voprosy analiticheskoi khimii mineral'nykh veshchestv. [Leningrad] Izd-vo Leningr. univ., 1966. 104 p.

MINERALOGY

(see also subdivision under Azov Sea region; Ukraine; Ural Mountain region; Ural Mountains)

Compression of SiO₂ powders by impact. A. A. Deribas and others. *Dokl. AN SSSR* 168 no. 3:665-668 My '66.

Formation of curved parallel columnar quartz in crystal deformation by means of the formation and healing of fissures. D. P. Grigor'ev, I. N. Matveeva. *Min. sbor.* 19 no. 2:437-440 '66.

Nature of the frequency distribution of the contents of metals in the body of a mineral. V. O. Paroniklan. *Izv. AN Arm. SSR. Nauki o zem.* 19 no. 1:119-131 '66.

Part 16: Studies in structural mineralogy. N. V. Bekov. *Min. sbor.* 19 no. 2:131-136 '65.

Symplectic intergrowth of magnetite with pyroxene. L. D. Iur'ev. *Zap. Vses. min. ob-va* 95 no. 2:236-241 '66.

Synthesis of a new modification of titanium dioxide, stable at high temperatures. N. A. Bendelant, S. V. Popova, L. F. Vereshchagin. *Geokhimiia* no. 5:499-501 My '66.

Use of ultrasound in the separation of monomineral fractions. V. A. Glembovskii, I. U. Eremin. *Izv. AN Kazakh. SSR. Ser. geol.* 23 no. 1:79-84 Ja-F '66.

MINERALOGY—CONGRESSES

Congress of the Mineralogical Society of the U.S.S.R. V. V. Shcherbina. *Geokhimiia* no. 7:692-694 Ji '64.

Introductory address at the annual meeting of the All-Union Mineralogical Society on March 3, 1966. P. M. Tatarinov. *Zap. Vses. min. ob-va* 95 no. 2:1-11 '66.

MINERALOGY, DETERMINATIVE

Activity of the International Commission on Ore Microscopy of the International Mineralogical Association. *Geol. rud. mestorozh.* 8 no. 1:124-126 Ja-F '66.

MINERALS

(see also subdivision under Altai Mountains; Azov Sea region; Caucasus; Kazakhstan; Salair Range; Ukraine)

Age and the thermal history of stony meteorites and minerals. L. K. Leviskii. *Geokhimiia* no. 7:621-629 Ji '64.

Concept of the term "necessary mineral." O. I. Matkovskii. *Min. sbor.* 19 no. 2:258-261 '65.

Effect of ferruginous films on the exchange ability of minerals. V. M. Fridland, I. G. Shurupa. *Dokl. AN SSSR* 168 no. 3:679-682 My '66.

"Kurchatovii," a new mineral. S. V. Malinko and others. *Zap. Vses. min. ob-va* 95 no. 2:203-209 '66.

Paragenesis of tellurium, silver, and gold as the mineral of an Ag-Au-Te system. V. V. Shcherbina, R. N. Zartman. *Geokhimiia* no. 7:635-640 Ji '64.

"Sakhalin," a new calcium and magnesium carbonate borate. I. V. Ostrovskaya, N. N. Pavlov, I. B. Nikitina. *Zap. Vses. min. ob-va* 96 no. 2:193-202 '66.

Use of ionic etching for detecting the nonuniformity of minerals as revealed by a study of titanomagnetites. R. V. Bolarskaya. *Geol. rud. mestorozh.* 8 no. 1:163-111 Ja-F '66.

Vasil'yevs, Viktoras. [Formation of useful minerals] Kaip ausiluros naudingosios iskasenos. Vilnius, Mintis, 1965. 119 p. [In Lithuanian]

X-ray investigation of "larkolite" and its analog. Z. V. Pudovkina, I. A. Pintonko. *Rent. min. syr.* no. 4:25-38 '64.

MINERALS—EFFECT ON PLANTS see Plants, Effect of minerals on

MINERALS—OPTICAL PROPERTIES

Study of the chemical constitution and the connection of optics with the chemical composition of chlorites by the method of correlation analysis. M. M. Il'vitskii, Z. I. Tamar-Barash. *Zap. Vses. min. ob-va* 95 no. 2:224-229 '66.

MINERALS—SPECTRA

Local spectral analysis of minerals in polished sections. V. L. Marzvanov. *Izv. AN Kazakh. SSR. Ser. geol.* 23 no. 1:33-42 Ja-F '66.

Studying the interaction of gentholite, microcline, and biotite with flotation reagents by the method of infrared spectroscopy. N. F. Filimonov, S. P. Kuzkin, V. I. Solnyshkin. *Izv. vys. ucheb. zav.; tov. mat.* 9 no. 2:8-14 '66.

MINERALS—TESTING

Vectorial anisotropy of the hardness of some cubic minerals. A. S. Poverennyykh, S. I. Rybakov. *Min. sbor.* 19 no. 2:226-229 '65.

MINERALS IN FOOD

Calcium and phosphorus content in potatoes of Novosibirsk Province. I. V. Medvedeva, G. A. Kononova. *Vop. pri* 23 no. 4:64-66 Ji-Ag '64.

MINERALS IN PLANTS

Assimilation of zinc, cobalt, and molybdenum by cotton. A. N. Ghol'akmodov, N. A. Agayev. *Vest. sel'khoz. nauch. [Kazakh.]* 9 no. 4:107-110 Ap '66.

Characteristics of mineral nutrition in *Chlorella* under conditions of nitrogen deficiency. E. D. Kuznetsov. *Fiziol. rast.* 13 no. 1:25-28 Ja-F '66.

MINERS

[Bearers of the "Minor's Glory" order; essays] Kavaleri Shakherskoi slavy; ocherki. Donetsk, Donbass, 1965. 124 p.

MINERS—DISEASES AND HYGIENE

Some electrocardiographic changes in workers following exposure to the effect of various types of dust. A. A. Andreev. *Zhur. eksp. i klin. med.* 6 no. 1:81-83 '66.

MINERS—NUTRITION

Energy expenditure in miners performing mechanized operations. O. A. Shokoplinas. Vop. pit. 23 no. 4:20-23 JI-Ag '64.

MINES, SUBMARINE

Positive and negative aspects of an important work. V. Protsenko. Komm. Vooruzh. Sil 47 no. 11:60-64 Je '65.

MINES AND MINERAL RESOURCES

(See also subdivision under Europe, Eastern)
Construction of the principal scheme of the calculation of mineral resources. IU. A. Voronin. Geol. i geofiz. no. 2: 60-76 '66.

Methodology justifying the effectiveness of the industrial development of placer and sedimentary deposits having small resources. V. G. Lesikov, IU. M. Naidenko. Izv. vys. ucheb. zav. geol. i razv. 9 no. 3:144-148 Ab '66.

New objectives in creating a material and technical foundation of communism. Shkht. stroi. 10 no. 4:1-2 Ap '66.

Origination of metallic and nonmetallic mineral resources. A. I. Mamedov. Za tekhn. prog. 4 no. 3:34-36 Mr '64.

MINGECIAUR RESERVOIR—AMPHIPODA

Acclimatization of amphipod crustaceans in Mingeciaur and Varvara Reservoirs. A. G. Kasymov. Ryb. khoz. 42 no. 4:72 '66.

MINIATURE ELECTRONIC EQUIPMENT

Vasil'ev, A. I., and A. S. Anisimov. [Optimal processes in micrometer drives] Optimal'nye protsessy v mikro-elektronicheskikh. Moskva, Energiya, 1966. 142 p. (Biblioteka po avtomatike, no. 168)

MINING ENGINEERING

(See also subdivision under Armenia)

Connection between the stability of bedrock underlying mine workings, their depth, and the physico-mechanical properties of rocks. IU. I. Blitserskovets. Dop. AN URSS no. 4:474-476 '66.

Consumption of explosives in horizontal workings. P. V. Akimochkin, A. B. Sattyshev, M. A. Aldanova. Vzyryv. delo no. 59/16:253-257 '66.

Controlling the cavity-forming process caused by blasting. A. A. Vovk, A. G. Smirnov, N. N. Kharitonov. Ugol' Ukr. 10 no. 5:11-12 My '66.

Efficient ore mining in the deposits of the Leninogorsk Combine. A. V. Brichkin, L. P. D'achenko, V. P. Gorobets. Gor. zhur. no. 5:32-35 My '66.

Experience in improving boring and blasting operations in underground mines. A. M. Fafzulin. Vzyryv. delo no. 59/16:209-219 '66.

Influence of the perimeter and the shape of workings on the specific consumption of explosives in underground mining. L. L. Mel'nikov. Vzyryv. delo no. 59/16:247-253 '66.

Making boreholes by the method of widening deep cuts by blasting. L. S. Molokov. Shkht. stroi. 10 no. 4: 26-28 Ap '66.

New system of the development of vein deposits having insufficiently stable wall rocks. Sh. N. Mamedov, G. G. Mukhtarov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 3:105-113 '64.

Prangishvili, I. V., and others. [Contactless elements and remote control systems for the automation of mining enterprises] Beskontaknye elementy i sistemy telemekhaniki dlia avtomatizatsii predpriyatiy gornoj promyshlennosti. Moskva, Nedra, 1965. 203 p. (diagram. (insert))

Upraise mining in weak rock with the help of movable shields. V. I. Budrianovich. Gor. zhur. no. 5:35-38 My '66.

Zaplavskii, G. A., and V. A. Lesnykh. [Mining operations, conducting and supporting mine workings] Gornye raboty, provedenie i kreplenie gornykh vyrabotok. Moskva, Nedra, 1966. 183 p.

MINING ENGINEERING—CONGRESSES

Problems of great importance. V. P. Kenash, L. A. Lisovskii. Ugol' Ukr. 10 no. 5:53-54 My '66.

MINING ENGINEERING—ECONOMIC ASPECTS

Concentration of mining operations is the most important factor for increasing the economic efficiency of mines. IU. I. Taranov. Gor. zhur. no. 5:3-6 My '66.

MINING ENGINEERING—EQUIPMENT AND SUPPLIES

Efficiency of using igniflites in underground mines. G. P. Demiduk, N. F. Adrianov, A. N. Bugaevskii. Vzyryv. delo no. 59/16:269-277 '66.

MINING ENGINEERING—MANAGEMENT

Surmilo, G. V. [Economics of the construction of mining enterprises] Ekonomika stroitel'stva gornykh predpriyatiy. Moskva, Nedra, 1965. 234 p.

MINING ENGINEERING—PERIODICALS

Conference of the readers of the journal "Gornyi Zhurnal," Gor. zhur. no. 5:79 My '66.

MINING ENGINEERING—SAFETY REGULATIONS

Directives as to the execution and acceptance of operations on the reinforcement of vertical mine shafts. A. P. Staritsyn. Shkht. stroi. 10 no. 4:32 Ap '66.

MINING ENGINEERING—STUDY AND TEACHING

Panin, I. M. [Technology of mining solid minerals; synopsis of lectures] Tekhnologiya dobychi tverdykh poleznykh iskopaemykh; konspekt lektsii. Moskva, Univ. družby narodov.

Pt. 2. [Technology of the underground mining of ores and nonmetallic minerals] Tekhnologiya podzemnoi dobychi rud i nerudnykh iskopaemykh. 1965. 305 p.

Problem of education in mining; training of mining engineers. P. F. Luk'yanov. Ugol' 41 no. 5:7-8 My '66.

The young shift. Sov. shakht. 15 no. 5:8b-9 My '66.

MINING GEOLOGY

Breaking of fractured rocks with cutting tools. N. I. Sidorenko. Ugol' 41 no. 5:40-41 My '66.

Influence of the orientation of cracks on the degree of breakage of a solid rock by blasting. N. P. Selinov, A. I. Chevkin. Vzyryv. delo no. 59/16:95-100 '66.

Methods of determining the dislocation of rock masses during blasting. V. K. Rubtsov. Vzyryv. delo no. 59/16: 64-70 '66.

Performance of the MK equipment complexes under difficult geological conditions in the Moscow Basin coalfields. V. G. Popov, IU. N. Semenov, V. F. Vaganov. Ugol' 41 no. 5:31-33 My '66.

MINING GEOLOGY—MODELS see subdivision under Armenia

MINING INDUSTRY—ECONOMIC ASPECTS

Methods of the economic estimation of structural and quality changes with regard to the salable production of a mining and ore dressing enterprise. K. V. Zebziev, N. V. Geronovich. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:43-46 '65.

MINING MACHINERY

Mechanics of percussion rock breaking. A. F. Kichigin, I. A. Antsen, P. N. Nesterenko. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:67-72 '66.

Novozhilov, M. G. [Open-cut mining operations; technology and the overall mechanization of the open-cut mining of coal, ores, and nonmetallic minerals] Otkrytye gornye raboty; tekhnologiya i kompleksnaya mekhanizatsiya otkrytoi dobychi ugla, rud i nerudnykh iskopaemykh. Izd. 2., perer. Moskva, Nedra, 1965. 552 p.

Ukraino. Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya. [Mining of mineral deposits] Razrabotka mestorozhdenii poleznykh iskopaemykh. Kiev. (Mezhvedomstvennyi i respublikanskiy nauchno-tekhnicheskii sbornik)

No. 3. [Mine surveying] Marksholderskoe delo. 1965. 145 p.

No. 4. [Mine ventilation and safety measures] Rudnichnaya ventilatsiya i tekhnika bezopasnosti. 1965. 186 p.

No. 5. [Overall mechanization equipment] Oborudovanie kompleksnoi mekhanizatsii. 1965. 197 p.

Ural gems. I. Shatula. Sov. shakht. 15 no. 5:11 My '66.

MINING MACHINERY—DESIGN AND CONSTRUCTION

Automated ShBM-2 cutter-loader with the ReN-2 regulator of direction. L. A. Sholokhin and others. Ugol' Ukr. 10 no. 5:32-33 My '66.

MINING MACHINERY—EXHIBITIONS

English exhibition of mining equipment. A. I. Bashkov. Ugol' Ukr. 10 no. 5:50-52 My '66.

MINING MACHINERY—RELIABILITY

Long life for mining machines. G. Palant, E. Pekhovich. NTO 8 no. 5:37 My '66.

MINKS

Effect of photoperiodic conditions on the diurnal activity of minks of various colors. D. V. Klochkov. Zool. zhur. 45 no. 5:730-748 '66.

MINKS—DISEASES AND PESTS

Ketosis in mink. V. P. Riabtshev. Veterinaria 43 no. 5: 66-69 My '66.

MINORITIES

Sverdlin, M. A., and P. M. Rogachev. [Communism and nations] Kommunisti i natsii. Ellisa, Kaliningrad, 1964. 63 p. (CSI-II)

MINSK—AUTOMOBILE INDUSTRY—MANAGEMENT

Production conference is a school of management. M. P. Grishchenko. Prom. Bel. 9 no. 1:10-21 Ja '66.

MINSK—CHEESE FACTORIES

New norms for the consumption of raw materials in cheese production. M. I. Chistiakova. Prom. Bel. 9 no. 1:20 Ja '66.

MINSK—ELECTRONIC DATA PROCESSING—TRACTOR INDUSTRY

Complex automatic system of the operation of a plant and its economic efficiency. IA. A. Timoshenko, IA. L. Tamarkin. Prom. Bel. 9 no. 1:6-8 Ja '66.

MINSK—ORTHOPEDIC APPARATUS INDUSTRY

They need friendly help. K. Zubavskii. Sots. obesp. 41 no. 5:49 My '66.

MINSK—PRODUCTION ENGINEERING

Automation is a good thing if the labor is well organized. G. S. Bakovets, V. F. Kleisov. Prom. Bel. 9 no. 1:10-11 Ja '66.

MINSK—TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

In the interest of production. A. P. Zakharov. Prom. Bel. 9 no. 1:21-22 Ja '66.

MIROPOL'SKII, LEONID MIKHAILOVICH, 1890-1965

Leonid Mikhailovich Miropol'skii; obituary. Zap. Vses. min. ob-va 95 no. 2:242-243 '66.

MIRRORS

Using a curvilinear mirror for scanning the image in photoelectric pickups. IU. D. Kudiatov, IU. V. Kodra. Avtomatiz. protv. prots. v mashinost. i prib. no. 2:69-75 '65.

MITES

Adaptive characteristics of the structure of the cuticle and tracheal system in some marine and thalassobiontic mites. Z. S. Kaufman. Zool. zhur. 45 no. 5:653-660 '66.

Demonax infection of cattle in the northeastern zone and Central Asian Republics. D. K. Poljakov. Trudy VNIIVS 16:10-14 '66.

MITICIDES

Improvement of the methodology for studying the specific activity of acaricides in vitro. V. N. Diaduchko, M. G. Khatin. Trudy VNIIVS 16:7-9 '66.

Physicochemical and acaricidal properties of some new isocitricides and acaricides. V. N. Diaduchko, M. G. Khatin. Trudy VNIIVS 16:3-6 '66.

MITOCHONDRIA

Comparison of the properties of DNA obtained from mitochondria and from hepatic cell nuclei. T. B. Kazakova, K. A. Markosian. Dokl. AN SSSR 168 no. 3: 697-700 My '65.

Effect of general X-ray irradiation on the adenosinetriphosphatase activity of the liver mitochondria in rats. K. P. Khanaon. Vop. med. khim. 12 no. 3:256-258 My-Je '66.

Enzyme activity in the succinic oxidase system in the mitochondria of neurons in the auditory and visual cortex and cerebellum under conditions of relative rest and adequate stimulation. IA. A. Vinnikov, I. L. Zhukin, S. A. Shchukolnikov. Fiziol. zhur. 50 no. 11:1329-1334 N '64.

Inhibition of mitochondrial monoamine dimethoxybenzyl compounds. Blud D '64.

Manometric d with graphic 31 no. 2:277

MITOCHONDRIAL BACILLUS DELTA

Mikrobiologi

Oxidation of se

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Kardiologiya

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- MITRAL VALVE—DISEASES (Continued)**
 Presystolic murmur in mitral stenosis. M. U. Rapoport. *Kardiologiya* 4 no. 2:10-16 Mr-Apr '61.
 Some aspects of the surgical treatment of mitral heart defects from the viewpoint of postoperative results. E. A. Grigorian. *Zhur. eksp. i klin. med.* 6 no. 1:30-40 '66.
 Spatial vectorial study of the electrical forces of the heart in mitral stenosis. Z. L. Dolobchenko, N. G. Tatunian. *Zhur. eksp. i klin. med.* 6 no. 1:26-30 '66.
 Tomography of the heart in mitral defects. B. M. Bloshchitsyn. *Vest. rent. i rad.* no. 2:10-15 '64.
- MITRAL VALVE—SURGERY**
 Mitral insufficiency following commissurotomy. G. N. Stalid. *Grud. khir.* 8 no. 2:27-32 Mr-Apr '66.
 Some problems concerning the anatomical basis of the technique used in suturing in an artificial mitral valve. A. M. Bagrov. *Grud. khir.* 8 no. 2:36-40 Mr-Apr '66.
- MIXING MACHINERY**
 Design of piston rods of the unloading system in rubber and plastics mixers. B. S. Soroka, B. A. Gaevskii. *Khim. mashinostr.* no. 2:15-19 '65.
 Geometrical design of planetary mixers with mutually cleaning vanes. E. E. Kol'man-Ivanov, F. A. Shklovskaya. *Khim. i nef. mashinostr.* no. 3:14-20 Mr '66.
 Mixers. M. L. Morgulis, V. G. Solodkov. *Khim. i nef. mashinostr.* no. 3:34-37 My '66.
- MODERN LANGUAGES** see Languages, Modern
- MODULATION (ELECTRONICS)**
 Development of breakdown in high-voltage modulating tubes in steady-state operation. P. V. Poshekhonov, B. A. Samyskin. *Izv. vys. ucheb. zav. i radiotekh.* 9 no. 2: 232-238 Mr-Apr '66.
 Modulation of light with a 3.2 cm. wave. V. A. Dianova, E. R. Mustel', V. N. Parygin. *Radiotekh. i elektron.* 11 no. 5:947-949 My '66.
 Spectra of phase fluctuation modulated oscillations. B. D. Sergievskii, L. G. Oganes'yanis. *Radiotekh. i elektron.* 11 no. 5:811-821 My '66.
- MÖSSBAUER EFFECT**
 Mössbauer effect used in studying the stabilization forms of tin-119m recoil atoms in tin oxide. A. N. Nesmelanov and others. *Radiokhimiya* 8 no. 2:264-266 '66.
 Mössbauer spectra of iron in compounds with some bidentate sulfur-containing ligands. E. E. Valashlein and others. *Dokl. AN SSSR* 168 no. 1:130-133 My '66.
 Optical analogue of the Mössbauer effect in silicon. A. V. Ukhnevich, V. D. Tkachev. *Fiz. tver. tela* 8 no. 4:1264-1265 Ap '66.
 "Temperature" splitting of the Mössbauer line in complex crystalline compounds. I. A. Losilevskii. *Fiz. tver. tela* 8 no. 4:1314-1317 Ap '66.
- MOGILEV PROVINCE—SOILS—TRACE ELEMENT CONTENT**
 Microelement content in floodplain soils. A. Kh. Kondukova. *Dokl. AN BSSR* 10 no. 4:273-274 Ap '66.
- MOISEEV, ANATOLII**
 Turning point. Valentin Otkidach. *Sov. voen* 48 no. 10: 6-8 My '66.
- MOISTURE**
 Determination of microconcentrations of water in refrigerating oils. S. L. Zhukoborski, L. Sh. Malkin, V. I. Kazinets. *Zav. lab.* 32 no. 1:25-26 '66.
 Vashchev, N. V. [Effect of moisture in the air and in wood on the strength of glued joints] Vlianiye vlazhnosti vozdukh i drevesiny na prochnost' kleevykh soedinenii. Moskva, Lesnaya promyshlennost', 1966. 88 p.
- MOISTURE—MEASUREMENT**
 Quartz resonators for recording air moisture. V. E. Savchenko. *Izv. vys. ucheb. zav. i tekhn. tekst. prom.* no. 2:145-149 '66.
 Some general characteristics of the pickups of grain-moisture meters with free filling. V. V. Dzhenelova, V. G. Pustynnikov. *Priborostroenie* no. 5:14-16 My '66.
- MOLASSE** see subdivision under Amur Valley
- MOLASSES**
 (see also subdivision under Kopetdag)
 Kurochitskii, Ch. K., and M. K. Magurskii. [Modern equipment in starch and molasses production] Sovremennoe oborudovanie krakhmalno-patoholnoy promyshlennosti. Moskva, TSentr. in- i nauchno-tekhn. informatsii pishchevoi promyshl., 1965. 34 p.
- MOLDAVIA—AGGREGATES (BUILDING MATERIALS)**
 Use of local aggregates of the Moldavian S.S.R. for the preparation of high-strength concrete. B. K. Litnev, A. A. Chabanov. *Trudy Kish. politekh. inst.* no. 2:71-74 '64.
- MOLDAVIA—APARTMENT HOUSES—DESIGN AND CONSTRUCTION**
 Increasing the number of stories of large-panel apartment houses in series 1-15/15 for conditions of 7-point seismicity in the Moldavian S.S.R. P. G. Zauravlev. *Trudy Kish. politekh. inst.* no. 2:25-30 '64.
- MOLDAVIA—BERRIES—DISEASES AND PESTS**
 Lice injurious to berries of Moldavia; application of graphic polytomy to their diagnosis and characteristics. B. V. Vereshchagin, V. V. Vereshchagina. *Vred. i polez. fauna bespozv. Mold.* no. 2:3-14 '65.
- MOLDAVIA—CAPITAL INVESTMENTS**
 Fedotova, R. D., ed. [Problems of the effectiveness of capital investments in the national economy of the Moldavian S.S.R.] Voprosy effektivosti kapital'nykh vlozhenii v narodnoe khozaystvo MSSR. [By] R. Fedotova i dr. Kishinev, Kartia moldovenaske, 1965. 99 p. (MII)
- MOLDAVIA—CITY PLANNING**
 Development of city planning in Bessarabia and in the Moldavian S.S.R. V. F. Smirnov. *Trudy Kish. politekh. inst.* no. 2:9-24 '64.
- MOLDAVIA—CORN (MAIZE)**
 Sytov, I. P. [What are the advantages of overall mechanization in agriculture] Chto daet kompleksnaya mekhanizatsiya v sel'skom khozaystve. Kishinev, Partinoe izd-vo TsK KP Moldavii, 1964. 17 p. (DNAL)
- MOLDAVIA—CRIMINAL JUSTICE, ADMINISTRATION OF**
 With the lawyers of Moldavia. N. G. Sov. iust. 30 no. 9:25 My '66.
- MOLDAVIA—CRIMINAL PROCEDURE**
 Moldavian S.S.R. Laws statutes, etc. [Commentary to the Criminal Procedure Code of the Moldavian S.S.R.] Kommentarii k Ugolovno-protsessual'nomu kodeksu Moldavskoi SSR. Sost. i red. A. S. Kazantra i A. I. Santalova. Kishinev, Kartia moldovenaske, 1966. 374 p.
- MOLDAVIA—ECONOMIC GEOGRAPHY—MAPS**
 Economic map of the republic. M. Makarenko, Eken. *Rad. Ukr.* 9 no. 4:97 Ap '66.
- MOLDAVIA—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION**
 Pleshko, M., and P. Kravtsov, comps. [800 days... pages from the history of the construction of the Moldavian State Regional Electric Power Plant] 800 dnei... stranitsy iz istorii stroitel'stva Moldavskoi GRES. Kishinev, Kartia moldovenaske, 1966. 143 p.
- MOLDAVIA—FRUIT—DISEASES AND PESTS**
 In cooperation with scientists. K. Panfilov, N. I. Archuk. *Zashch. rast.* 11 no. 1:11-12 '66.
 Resistance of the codling moth to DDT in orchards of Moldavia. G. K. Shapovalova. *Khim. v sel'sk. khoz.* 4 no. 5:26-29 My '66.
- MOLDAVIA—FRUIT TRADE**
 This should be the practice. G. Polan. *Sov. iust.* 30 no. 9:23 My '66.
- MOLDAVIA—GEOCHEMISTRY**
 S32/S34 of pyrites and anhydrites in the Baymakliya highland of the Moldavian S.S.R. P. M. Murzaev. *Dokl. AN SSSR* 168 no. 2:442-445 My '66.
- MOLDAVIA—HISTORY**
 Akademiya nauk Moldavskoi SSR. Institut istorii. [History of the Moldavian S.S.R. in two volumes] Istoriya Moldavskoi SSR v dvukh tomakh. Izd. 2., perer. i dop. Red. kollegiya: L. V. Cherepnin i dr. Kishinev, Kartia moldovenaske. Vol. 1. [From ancient times to the Great October Socialist Revolution] S drevnelikh vremen do Volikoi Oktjab'skoi sotsialisticheskoi revoliutsii. 1965. 658 p.
 Golovinkov, Georgi. [At the Dniester] U Dnestra. Izd. 2. Kishinev, Kartia moldovenaske, 1966. 357 p.
- MOLDAVIA—LEAF ROLLERS**
 Oak leaf roller Tortrix viridana L. in Moldavia. S. G. Plugaru. *Vred. i polez. fauna bespozv. Mold.* no. 2:15-24 '65.
- MOLDAVIA—OAK—DISEASES AND PESTS**
 Oak leaf roller Tortrix viridana L. in Moldavia. S. G. Plugaru. *Vred. i polez. fauna bespozv. Mold.* no. 2: 15-24 '65.
- MOLDAVIA—PARASITES—TENT CATERPILLARS**
 Study of the entomophages of the oak tent caterpillar Thaumetopoea processionea L. in Moldavia. S. G. Plugaru. *Vred. i polez. fauna bespozv. Mold.* no. 2:25-29 '65.
- MOLDAVIA—PEAR—DISEASES AND PESTS**
 Damage done by San Jose scale to different pear varieties. E. I. Prinda. *Vred. i polez. fauna bespozv. Mold.* no. 2: 49-52 '65.
- MOLDAVIA—PHYSICAL EDUCATION FOR CHILDREN**
 Champion of the Moldavian Republic. *Sred. sport. i fiz. k.* 13 no. 4:42-43 Ap '66.
- MOLDAVIA—PLANT LICE**
 Lice injurious to berries of Moldavia; application of graphic polytomy to their diagnosis and characteristics. B. V. Vereshchagin, V. V. Vereshchagina. *Vred. i polez. fauna bespozv. Mold.* no. 2:3-14 '65.
- MOLDAVIA—PLANTS, PROTECTION OF**
 Plant protection team on a collective farm. I. Motyoga. *Zashch. rast.* 11 no. 4:16-17 '66.
- MOLDAVIA—PROGRAMMED INSTRUCTION**
 Programmed instruction in the schools of Moldavia. S. S. R. P. I. Akademiya. *Rad. shkola* 45 no. 5:61-64 My '66.
- MOLDAVIA—SAN JOSE SCALE**
 Damage done by San Jose scale to different pear varieties. E. I. Prinda. *Vred. i polez. fauna bespozv. Mold.* no. 2:49-52 '65.
- MOLDAVIA—SILKWORM BREEDING**
 New silkworm breed produced under ecologic conditions of Moldavia. I. G. Plugaru. *Vred. i polez. fauna bespozv. Mold.* no. 2:93-101 '65.
 Promising experimental and commercial silkworm hybrids produced with the participation of the Moldavian State Regional Electric Power Plant. I. G. Plugaru, R. I. Mykhail. *Vred. i polez. fauna bespozv. Mold.* no. 2:102-111 '65.
 Results of summer experiments with silkworm tetrahybrids in Moldavia. E. M. Baranina. *Vred. i polez. fauna bespozv. Mold.* no. 2:67-70 '65.
 Tetrahybrid 3rd and 3rd, a new complex white-cocoon hybrid silkworm. E. M. Baranina. *Vred. i polez. fauna bespozv. Mold.* no. 2:80-92 '65.
- MOLDAVIA—SILKWORMS—FEEDING AND FEEDS**
 Fall feeding of silkworms in Moldavia. E. M. Baranina. *Vred. i polez. fauna bespozv. Mold.* no. 2:60-66 '65.
- MOLDAVIA—SOIL FAUNA**
 Effect of hexachlorobutadiene on the microfauna of vineyard soils. O. P. Stegarovska. *Vred. i polez. fauna bespozv. Mold.* no. 2:112-118 '65.
 Study of soil mesofauna in vineyards of the central zone of Moldavia. O. P. Stegarovska. *Vred. i polez. fauna bespozv. Mold.* no. 2:53-59 '65.
- MOLDAVIA—SPRAYING AND DUSTING EQUIPMENT**
 Maintenance and repair of machinery. V. Donaloi. *Zashch. rast.* 11 no. 1:29-30 '66.
- MOLDAVIA—SPRAYING AND DUSTING IN AGRICULTURE**
 In cooperation with scientists. K. Panfilov, N. I. Archuk. *Zashch. rast.* 11 no. 1:11-12 '66.
- MOLDAVIA—STATISTICS, VITAL**
 Age group phenomenon in the course of viral infections hepatitis. S. Nicolau and others. *Zhur. mikrobiol. i epid. i immunit.* 41 no. 7:71-75 Ju '64.
- MOLDAVIA—SULFUR ISOTOPES**
 S32/S34 of pyrites and anhydrites in the Baymakliya highland of the Moldavian S.S.R. P. M. Murzaev. *Dokl. AN SSSR* 168 no. 2:442-445 My '66.
- MOLDAVIA—VEGETABLES—LAW AND LEGISLATION**
 This should be the practice. G. Polan. *Sov. iust.* 30 no. 9:23 My '66.
- MOLDAVIA—VITICULTURE**
 Popov, A. L., and A. M. Negru. [Organization of table-grape culture in Moldavia; based on the example of the "Biruinta" Collective Farm in Novyye Anenii District] Organizatsiya stolovogo vinogradarstva v Moldavii; na primere kollektiva "Biruinta" Novo-Anenskogo raiona. Kishinev, Kartia moldovenaske, 1963. 69 p. (CU-A)

MOLDING (FOUNDING)

Cooling of iron castings in metal molds. S. E. Rozenfeld and others. Lit. proizv. no. 2:17-21 Apr '64.

Linas, A. M. [Quick-setting molding mixtures] Dystro-
tverdeushche formovochnye smesi. Moskva, Mashino-
stroenie, 1965. 331 p.

Penetration of metal into a sand mold. V. A. Vasilev.
Izv. vyz. ucheb. zav.; mashinostr. no. 2:138-143 '66.

Principal aluminum nitrates as binding materials for the
making of silicon-free molds. I. S. Mitusovich and others.
Lit. proizv. no. 4:1-3 Apr '65.

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES

Automatic distribution of molding sand to sand hoppers.
P. I. Borsunovskii. Lit. proizv. no. 2:34 Apr '64.

MOLDING (FOUNDING)—TECHNOLOGICAL INNOVATIONS

Valuable vertical. B. Sviatkin. Izobr. i izv. no. 3:4-5
Apr '66.

MOLECULAR ASSOCIATION

Molecular association of $SiCl_4$ and organochlorosilanes
 $R_4-nSiCl_n$. M. G. Voronkov, A. A. Delch. Dokl. AN
SSSR 166 no. 2:337-340 May '66.

MOLECULAR BIOLOGY

Azerikov, V. Z. [The code of life] 'Tainosti' zhizni.
Moskva, Sovetskaya Rossiya, 1966. 165 p.

Radiation injury of protein molecules and molecular
production mechanism. L. Kh. Eldus. Izv. AN SSSR.
Ser. biol. no. 3:383-392 May-June '66.

Spitkovskii, D. M., and O. E. Vlazov. [Achievements
of modern molecular biology and medicine] Uspekhi
sovremennoi molekularnoi biologii i meditsiny.
Moskva, Znaniye, 1966. 45 p. (Novoe v zhizni,
nauka, tekhnika. VII Seriya: Biologiya i meditsina,
no. 9)

MOLECULAR DYNAMICS

Method of determining some parameters of intermolecular
reactions in rubber. G. T. Darovskikh, A. B. Kasov,
L. E. Plass. Nauch. i rez. 25 no. 5:17-19 '66.

MOLECULAR SPECTRA

Theory of electron-vibrational spectra of molecular crys-
tals. E. L. Rashba. Zhur. eksp. teor. fiz. 50 no. 4:1064-
1069 Apr '66.

Using some inequalities in the spectrum analysis of
elastic systems. G. A. Mamulov. Trudy MFT no. 225:
10-14 '66.

MOLECULAR STRUCTURE

Study of the shape and dimensions of molecules of
transfer RNA by X-ray dispersion at small angles.
V. G. Tumanyan, N. G. Esipova, L. L. Kiselev. Dokl. AN
SSSR 166 no. 1:211-214 May '66.

MOLECULAR THEORY—STUDY AND TEACHING

Studying molecular physics in secondary schools. I. I.
Podgornova. Izv. APN no. 14:142-146 '65.

MOLECULAR WEIGHTS

Determining the molecular weight of ligands by the sedi-
mentation rates. O. M. Solodov, B. D. Bogomolov, E. V.
Venedova. Izv. vyz. ucheb. zav.; les. zhur. 9 no. 1:139-
145 '66.

Relationship between molecular weight and viscosity in
solutions of 1,3-cyclohexadiene oligomers. B. V.
Frolov, S. F. Naimova, L. G. Tsykalo. Dokl. AN SSSR
166 no. 3:585-587 May '66.

MOLLANEPES see Nepes, Molla

MOLLUSKS, FOSSIL see subdivision under Azerbaidzhan;
Sakhalin; Transcaucasia; Verkhneburel'skiy District

MOLTEN METALS see Liquid metals

MOLYBDENUM

Reaction of molybdenum with dimethylglyoxime and tin
dichloride. A. K. Babko, P. R. Mikheev, V. F. Mikhe-
chenko. Zhur. neorg. khim. 11 no. 4:817-820 Apr '66.

MOLYBDENUM—EFFECT ON PLANTS see Plants,
Effect of molybdenum on

MOLYBDENUM—EFFECT ON SEEDS see Seeds, Effect
of molybdenum on

MOLYBDENUM—PHYSIOLOGICAL EFFECT

Effect of molybdenum salts on the content of sugar, glyco-
gen, and amylase in the blood of rabbits. V. M. Kholod.
Uch. zap. Viteb. vet. inst. 10:202-209 '64.

MOLYBDENUM COMPOUNDS—SPECTRA

Infrared absorption spectra of some oxo compounds of
molybdenum. I. U. A. Kharitonov, I. U. A. Buslaev, A. A.
Kuznetsova. Zhur. neorg. khim. 11 no. 4:821-826 Apr
'66.

MOLYBDENUM CRYSTALS

Emission parameters of tantalum and molybdenum
single crystals. G. D. Protodopov and others. Fiz.
tver. tela 8 no. 4:1140-1146 Apr '66.

MOLYBDENUM SULFIDES

Direct determination of molybdenum sulfide in flotation
tailings. I. U. L. Poltakin, A. A. Kachmasov. Izv. vyz.
ucheb. zav.; svet. met. 9 no. 2:18-20 '66.

MOMENTS OF INERTIA

Gavrilov, I. V. [Moments of inertia; programmed man-
ual] Momenty inertsii; programirovannoe uchebnoe
posobie. Red. V. L. Blagonozhina. Moskva, Mosk.
energ. in-t, 1966. 127 p.

MONEY

(see also subdivision under Great Britain; Ukraine)
Management procedures and currency circulation. A. S.
Solov'ev. Ekon. i mat. metod. 2 no. 3:360-369 May-June
'66.

MONGOLIA—ALIMENTARY CANAL—CANCER

Cancer of the esophagus and the cardia according to data
of an oncological dispensary in the Mongolian People's
Republic. P. Sagarazhbay, A. Z. Rudenko. Vop. onk.
12 no. 5:80-81 '66.

MONGOLIA—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of Paleogene sediments in
eastern Mongolia. D. Dashzeveg. Dokl. AN SSSR 166
no. 3:647-649 May '66.

MONGOLIA—VOCATIONAL EDUCATION

Secondary specialized education in the Mongolian People's
Republic. R. Sambuu. Sred. spets. obr. 13 no. 4:50-
51 Apr '66.

MONILIALES

Phagolysis in Micropolyspora. L. V. Kalakuskii, E. A.
Babkova. Mikrobiologiya 35 no. 2:287-290 Apr-May
'66.

MONILIALES—CULTURES AND CULTURE MEDIA

Effect of blomycin on the reproduction of Candida
albicans. P. Ia. Pochynok. Mikrobiol. zhur. 20 no. 3:
63-67 '66.

Intensity of Dendrodochium toxicum Vid. pol. et. Bial
growth as related to the presence of various amino
acids. S. M. Kharchenko. Mikrobiol. zhur. 28 no. 3:
14-19 '66.

MONKEYS AS LABORATORY ANIMALS

Experience of keeping lower monkeys in cages with ex-
haust fans. V. I. Chernishov. Lab. delo no. 4:251-254
'66.

MONOMYCIN

Increase in the resistance of Gartner's bacilli to monomy-
cin during the process of treating experimental paraty-
phoid infection. L. G. Kuzmina. Antibiotiki 11 no. 4:
332-337 Apr '66.

Therapeutic and preventive effectiveness of monomycin
in experimental pasteurellosis in chicks. A. B. Bolakh-
chuk, M. S. Arevshatyan. Antibiotiki 11 no. 4:377-378
Apr '66.

MONOMYCIN—SIDE EFFECTS

Nephrotoxicity of monomycin in children. A. L. Libov
and others. Antibiotiki 11 no. 4:382-383 Apr '66.

MONOPOLIES see subdivision under United States

MONSOONS see subdivision under Indian Ocean

MONUMENTS see subdivision under White Russia

MONUON

Determination of residual concentration of 3-(p-chloro-
phenyl)-1,1-dimethylurea in the bodies of water follow-
ing their treatment with monuron. A. D. Konenko, Zh. I.
Iarysh. Gidrobiol. zhur. 2 no. 2:65-67 '66.

MOON

Determining the position of the moon more accurately
from the boundary of the lunar shadow during a total
solar eclipse. A. B. Marinkikh, Bial, VAGO no. 37:
37-45 '65.

MORAINES

Practice in the subdivision of moraines according to
lithological indications. E. V. Rukhina. Trudy VSEGEI
128:145-149 '66.

MORAL EDUCATION

The family and moral education. N. Eiges. Dosik.
vosp. 39 no. 4:25-27 Apr '66.

Moral education and modern adolescents. A. V. Zosimov-
skii. Sov. pedagog. 30 no. 4:45-53 Apr '66.

MORAVEC, IVAN

A Czech master. A. Aronov. Sov. muz. 30 no. 4:62-63
Apr '66.

MORDOVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[Living springs] Zhivye rodniki. Saransk, Mordov-
skoe knizhnoe izd-vo, 1965. 50 p. illus.
(CS-R)

MORDOVIA—LIBRARIES AND READERS

In the mother tongue. R. Boriskina, F. Volkova. Bibliotekar' 43 no. 5:44-45 May '66.

MORNING GLORIES

Transmission of bioelectric impulses from the leaf to
the root system in morning glory Ipomoea batata Lam.
Rikardo Berrallarsa, A. M. Sholukhin. Dokl. AN SSSR
166 no. 1:219-222 May '66.

MORPHINE—TOXICOLOGY

Toxicity of morphine in dogs of various ages. V. D.
Rozanova. Farm. i toks. 29 no. 2:133-134 Apr-May
'66.

MORPHOLOGY

Experimental data of electrophysiological, biochemical,
and morphological examination of fibrillation of the car-
diac ventricles. V. A. Frolov and others. Arkh. pat.
28 no. 3:51-56 '66.

Structural and mechanical properties and morphology of
polyamide fibers. V. O. Grobacheva and others. Khim.
volok. no. 3:24-27 '66.

MORPHOLOGY (ANIMALS)

Akademii nauk URSS. Institut biologii iuzhnykh
morei. [Ecologic and morphologic studies of nektonic
animals] Ekologo-morfologicheskie issledovaniya nek-
tonnykh zhivotnykh. Kiev, Naukova dumka, 1966.
135 p. (Respublikanskiy mezhdunarodnyy sbornik.
Seriya "Biologiya moria")

MORTAR

Phase composition of water in cement paste and mortar
during early freezing. E. Kh. Bulgakov. Izv. vyz. ucheb.
zav.; stroit. i arkh. 9 no. 2:53-63 '66.

Using the waste from the crushing of limestone as a filler
in structural mortars. B. K. Lutsiev, A. A. Chabanov.
Trudy Kish. politekh. inst. no. 2:21-23 '64.

MOSAIC DISEASES

Intracellular virus inclusions in fodder bean mosaic.
V. H. Kravtsov. Mikrobiol. zhur. 28 no. 3:24-27 '66.

MOŠCOW—AERONAUTICAL MUSEUMS

Here aviation science began. S. Tikhonovich, Grazhd.
av. 23 no. 6:90 June '66.

MOSCOW—AERONAUTICAL SPORTS

Young people start. Kryl. rod. 16 no. 4:16-17 Apr '66.

MOSCOW—AMATEUR THEATRICALS

[The stage] Estrada. Moskva, Sovetskaya Rossiya.
No. 2. [Our house is your house] Nash dom - vash
dom. 1966. 82 p. (Biblioteka "V pomoshch"
khudozhestvennoi samokritike i tvor. no. 1)

MOSCOW—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Apartment house of vibration rolled panels. Z. Rozen-
feld. Zhil. stroit. no. 8:2-5 '64.

Development of completely prefabricated apartment
house construction in Moscow. D. Gurevich, S. Savinov.
Zhil. stroit. no. 8:5-8 '64.

Large-block sixteen-story buildings. Z. Rozenfeld.
Zhil. i arkh. Mosk. 15 no. 6:24-25 May '66.

Vibration rolled, multistory. V. Pershter. Na stroit. Res.
7 no. 4:24-25 Apr '66.

MOSCOW—ARCHITECTURE

In the Moscow Division of the Union of Architects.
Arkh. SSSR no. 3:64 '66.

MOSCOW—ART

[Artists of Moscow] Khudozhniki Moskvy. Leningrad,
Khudozhnik RSFSR, 1964. 73 p. illus.
(NIC)

MOSCOW—ART GALLERIES AND MUSEUMS

Moscow. Gosudarstvennyi muzei izobrazitel'nykh is-
kusstv. [Western European painting and sculpture]
Zapadnoevropeyskaya zhivopis' i skulptura. Pod ob-
shchey red. B. R. Vipper. Moskva, Sovetskii khudozh-
nik [1966] 1 v. (chiefly illus.)

MOSCOW—AUTOMOBILE PARKING

Universal multistory automated parking garage. E. Carlsen, Stroil, i arkhitekt, Mosk. 15 no.5:21-23 My '66.

MOSCOW—BANKS AND BANKING—CONGRESSES

Activist group of workers of State Bank branches and state industrial savings banks of Moscow. Den. i kred. 24 no.5:90-92 My '66.

MOSCOW—BLOOD—TRANSFUSION

Some results and current problems of blood transfusion in the outpatient clinics of Moscow. D. N. Belen'kii. Probl. gemat. i perel. krovi 11 no.1:3-9 Ja '66.

MOSCOW—BOOKSELLERS AND BOOKSELLING

A "holiday of books" at the Moscow Automobile Plant. S. Putiaev. Knizh. torg. 17 no.5:18-20 My '66.

MOSCOW—BOOKSTORES

In the time of historical events. V. Platonov. Knizh. torg. 17 no.5:24 My '66.

MOSCOW—BUILDING MATERIALS INDUSTRY

Nikolaeva, I. I., and I. A. V. Farfel'. [Labor organization, establishment of norms, and wages; from the practice of Moscow building materials enterprises] Organizatsiya normirovaniya i oplata truda; iz opyta moskovskikh predpriyati stroitel'nykh materialov. Moskva, Stroizdat, 1965. 162 p.

Real resources. S. Maiorov. Na stroi. Ros. 7 no.4:18-19 Ap '65.

Reducing operating costs at the Beskudnikov Combine. V. I. A. Khaikin. Stroil. mat. 12 no.4:9-10 Ap '66.

MOSCOW—BUILDINGS, PREFABRICATED

Development of completely prefabricated apartment house construction in Moscow. D. Gurevich, S. Savinov. Zhil. stroi. no.8:5-8 '64.

MOSCOW—CHILDREN'S CLUBS

Little boys thinking about the sky. M. Semenov. Kryl. rod. 16 no.4:9 Ap '65.

MOSCOW—CLOTHING INDUSTRY

Questionnaires are an effective method for the study of demand. T. Bychkova, A. Orlov, Z. Nikolaeva. Sov. torg. 39 no.5:38-40 My '66.

MOSCOW—CLOTHING INDUSTRY—MANAGEMENT

Kuznetsova, M. F., P. Noskov, and V. Selunin. [Secrets of a firm] Sekrety firmy. Moskva, Politizdat, 1966. 46 p.

MOSCOW—COMMERCE

Moscow merchants and the traders of other towns in the second half of the 18th century. G. L. Vartanov. Uch. zap. Ped. inst. Gerts. 278:272-290 '65.

MOSCOW—COMMERCE—ADDRESSES, ESSAYS, LECTURES

They were heard by a hundred thousand. S. Mirskov, I. A. Livshits. Sov. torg. 39 no.5:44-46 My '66.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The electoral club invites you.... Agitator 34 no.11:35 Je '66.

MOSCOW—CONCERTS

Approaching the 50th anniversary of the October Revolution. Sov. muz. 30 no.4:78-79 Ap '66.

From a diary of concert events. N. Fishman and others. Sov. muz. 30 no.4:85-88 Ap '66.

Rachmaninoff cycle. M. Al'bin. Sov. muz. 30 no.4:79-80 Ap '65.

MOSCOW—CONFECTIONERY—TECHNOLOGICAL INNOVATIONS

Technical information and mass-scale inventions. N. L. Denisova. Vop. izobr. no.4:34-36 Ap '66.

MOSCOW—CONSTRUCTION INDUSTRY

Builders' most important work. Stroil, i arkhitekt, Mosk. 15 no.5:1 My '66.

In the executive committee of the Moscow Soviet. Stroil, i arkhitekt, Mosk. 15 no.5:3 of cover My '66.

MOSCOW—CONSTRUCTION INDUSTRY—MANAGEMENT

First results of the Moscow experiment. B. Azbel', I. Al'tshuler. Nar. khoz. Kazakh. 24 no.4:56-60 Ap '66.

MOSCOW—CRIME PREVENTION

Get out of our house. A. Titov, D. Kichatov. Sov. profsoyuzy 22 no.9:42-43 My '66.

MOSCOW—DISABILITY EVALUATION

Work of the specialized disability evaluation committees. K. Iankova. Sots. obesp. 41 no.5:10-13 My '65.

MOSCOW—DRUGSTORES

Provision of drugs for children in Moscow's drugstores. N. P. Chernomushenshina. Apt. delo 15 no.2:55-60 Mr-Apr '65.

MOSCOW—ELECTRIC EQUIPMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

The BRIZ (bureau of technological innovations) and the economic activity of an enterprise. G. V. Dmitriev. Vop. izobr. no.3:27-30 Mr '66.

MOSCOW—ELECTRONIC DATA PROCESSING—BUILDING

In union with science. M. Makrushin, A. Kashirskii. Na stroi. Ros. 7 no.4:11-13 Ap '66.

MOSCOW—EVERGREENS

Broad-leaved evergreens in Moscow. V. D. Shcherbatsevich. Biol. Glav. bot. sada no.59:8-15 '65.

MOSCOW—EXHIBITIONS

Exhibition "Means of mechanization of engineering and management work." NTO 8 no.5:41 My '66.

Hard-working exhibition. N. Khrestina. NTO 8 no.5:34-35 My '66.

Not only to do a propaganda job, but also to introduce all the new techniques in an efficient way. Na stroi. Ros. 7 no.4:28-29 Ap '66.

"Tekhnika i vooruzhenie" competition. Tekh. i vooruzh. 24 no.4:90-91 Ap '66.

MOSCOW—FLORISTS

Flowers and problems. T. Zhovinskaya. Sov. torg. 39 no.5:28-31 My '66.

MOSCOW—FURNITURE INDUSTRY

New developments at the furniture enterprises of the Moscow City Economic Region. A. S. Glebov. Der. prom. 14 no.3:30 Mr '65.

MOSCOW—HALIMODENDRON

Halimodendron halodendron (Pall.) in the Main Botanical Garden. R. A. Rotov. Biol. Glav. bot. sada no.50:22-25 '65.

MOSCOW—HOSPITALS—OUTPATIENT SERVICES

Some results and current problems of blood transfusion in the outpatient clinics of Moscow. D. N. Belen'kii. Probl. gemat. i perel. krovi no.1:3-9 '66.

MOSCOW—HYPERTENSION

Role of occupational industrial factors in the occurrence of arterial hypertension. I. A. Ryvkin and others. Vest. AMN SSSR 21 no.5:17-27 '66.

MOSCOW—KREMLIN

Posokhin, M. V., A. A. Madojants, and N. A. Pekarova. [Kremlin Palace of Congresses] Kremlevskii Dvorets s'ezdov. Moskva, Stroizdat, 1966. 177 p. illus.

MOSCOW—LABOR AND LABORING CLASSES

Social structure of hired laborers employed at Moscow manufactures in the middle of the 18th century. M. N. Artemenkov. Uch. zap. Ped. inst. Gerts. 278:164-176 '65.

MOSCOW—LIBRARIES

We study our book collections. A. Smirnova. Bibliotekar' 43 no.5:52-54 My '66.

MOSCOW—MACHINERY INDUSTRY WORKERS

Savelichev, A. A. [The Mudretsov dynasty] Dinastiia Mudretsovykh. Minsk, Belarus', 1966. 37 p. (Boitsy perednego kraia)

MOSCOW—MATHEMATICAL SOCIETIES

Meetings of the Moscow Mathematical Society. Usp. mat. nauk 21 no.2:219-221 Mr-Apr '66.

MOSCOW—MILITARY EDUCATION

Babin, A. I., D. F. Kazakov, and A. A. Lobachev. [Born with the October Revolution; a brief outline history of the Supreme Soviet of the R. S. F. S. R. All-Arms Command and High School awarded with the Order of Lenin and the Red Banner] Rozhdennoe Oktabriem; kratkii ocherk istorii Moskovskogo vysshego obshchevoenskogo komandnogo ordena Lenina Krasnoznamennoho uchilishcha imeni Verkhovnogo Soveta RSFSR. Moskva, Voenizdat, 1966. 366 p.

MOSCOW—MONUMENTS

In honor of the 300th anniversary of the reunion of the Ukraine with Russia. Stroil, i arkhitekt, Mosk. 15 no.5:30-31 My '66.

MOSCOW—MOTION PICTURES

In the foyer of a motion-picture theater. M. Belikovskii. Agitator 34 no.11:36-38 Je '66.

MOSCOW—MUNICIPAL SERVICES

Service system for the population of the capital. V. Kuz'min, I. Kozlov, A. Kolchin. Stroil, i arkhitekt, Mosk. 15 no.5:2-7 My '66.

MOSCOW—OCCUPATIONAL DISEASES

Role of occupational industrial factors in the occurrence of arterial hypertension. I. A. Ryvkin and others. Vest. AMN SSSR 21 no.5:17-27 '66.

MOSCOW—PARACHUTING

Without opening their parachutes for 8000 meters. A. Zagorianskii. Kryl. rod. 16 no.4:19 Ap '65.

MOSCOW—PENSIONERS—EMPLOYMENT

Lonely people are not lonely anymore. Z. Antipina. Sots. obesp. 41 no.5:6-9 My '65.

MOSCOW—PETROLEUM REFINERIES

Renewal. D. Ivanukov. Neftebank 11 no.5:3 My '66.

MOSCOW—PHARMACOGNOSY—STUDY AND TEACHING

Pharmacognosy practice at the pharmaceutical faculty of the First I. M. Sechenov Medical Institute in Moscow, awarded with the Order of Lenin and the Order of the Red Banner of Labor. S. D. Ivanova, N. I. Glinkovich. Apt. delo 15 no.2:67-69 Mr-Apr '66.

MOSCOW—PLUMBING—EQUIPMENT AND SUPPLIES

Millimeters and grams; practices of the Volkov Plant in reducing the weight of sanitary engineering products. I. E. Elimov. Stroil. mat. 12 no.4:7-8 Ap '66.

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee] Bul. Ispol. kom. Mosk. gor. sov. no.24 D '65; no.8 Ap '66.

MOSCOW—QUALITY CONTROL

Expand the competition for the profitability of every article. V. Puskratov. Dukh. uch. 21 no.12:38-40 D '61.

MOSCOW—REVOLUTION, 1917-1921—ART AND THE WAR

[From the history of the building of Soviet culture, Moscow, 1917-1918; documents and materials] Iz istorii stroitel'stva Sovetskoi kul'tury, Moskva, 1917-1918; dokumenty i materialy. Moskva, Iskusstvo, 1965. 382 p. (NNC)

MOSCOW—STATISTICS

From practice of the Statistical Board of Moscow. V. Z. Zhiglin. Vest. stat. no.5:51-56 '65.

MOSCOW—STORES, RETAIL

"Luchina." Stroil, i arkhitekt, Mosk. 15 no.5:26-27 My '66.

MOSCOW—THEATER

Of the passage of time. St. Itassadin. Teatr 25 no.9:8-10 S '64.

Voices of our time; notes on the theatrical season in Moscow. G. Dulakov. Teatr 25 no.9:18-25 S '64.

MOSCOW, BATTLE OF, 1941-1942

The army of German fascists after its defeat in the Battle of Moscow. I. A. Fridman. Voen.-ist. zhur. 8 no.4:37-42 Ap '66.

How a reserve army prepared for the defense of our capital. F. Golikov. Voen.-ist. zhur. 8 no.5:65-76 My '66.

MOSCOW BASIN—COAL MINING MACHINERY—EFFICIENCY

Performance of the MK equipment complexes under difficult geological conditions in the Moscow Basin coal fields. V. G. Popov, H. N. Semenov, V. F. Vaganov. Ugol' 41 no.5:31-33 My '66.

MOSCOW BASIN—MINE WATER

Studying the composition of mine water of the Moscow coal basin and conditions for its clarification. P. I. Shlapakova. Izv. vyz. ucheb. zav.; stroil, i arkhitekt. 9 no.3:83-87 '66.

MOSCOW PROVINCE—AGRICULTURAL RESEARCH

Results of the inspection of the activity of the "Gorskii Leningkiye" Experimental and Subsidiary Farm, Academy of Sciences of the U.S.S.R. Vest. sel'skhoz. nauki 10 no.12:13-128 D '65.

MOSCOW PROVINCE—BROILERS (POULTRY)

Automated poultry house for fattening meat-type chicks (broilers). M. Shulenin. Sel'strot. 18 no. 4:24-25 Ap '64.

MOSCOW PROVINCE—COLLECTIVE FARMS—PENSIONS

Relying on trade-union activists. N. Nechaev. Sots. obozr. 41 no. 5:19-21 My '66.

MOSCOW PROVINCE—LIBRARIES AND READERS

[Role of the library in workers' communist education] Rol' biblioteki v kommunisticheskoi vospitanii trudiashechikhia. [Moskva] Profizdat, 1966. 94 p.

MOSCOW PROVINCE—ONCOLOGICAL SOCIETIES

Proceedings of the Joint Conference of the Moscow Section of the All-Russian Scientific Society of Hygienists and Sanitary Control Physicians and of the 107th Conference of the Scientific Society of Oncologists of Moscow and Moscow Province (June 10, 1965). L. M. Shabad, A. I. Pirgov, L. E. Denisov. Vop. onk. 12 no. 5:121-122 '66.

MOSCOW PROVINCE—POULTRY HOUSES AND EQUIPMENT

Automated poultry house for fattening meat-type chicks (broilers). M. Shulenin. Sel'strot. 18 no. 4:24-25 Ap '64.

MOSCOW PROVINCE—PRECAST CONCRETE

Sources of savings. N. Dikerman. Na strot. Ros. 7 no. 4:19-21 Ap '66.

MOSCOW PROVINCE—PSEUDOTSUGA—DISEASES AND PESTS

Diseases of Pseudotsuga in Moscow Province. V. G. Belychev, V. I. Nekrasov. Biol. Glav. bot. sada no. 59: 88-94 '65.

MOSCOW PROVINCE—PUBLIC HEALTH SOCIETIES

Proceedings of the Joint Conference of the Moscow Section of the All-Russian Scientific Society of Hygienists and Sanitary Control Physicians and of the 107th Conference of the Scientific Society of Oncologists of Moscow and Moscow Province. (June 10, 1965). L. M. Shabad, A. I. Pirgov, L. E. Denisov. Vop. onk. 12 no. 5:121-122 '66.

MOSCOW PROVINCE—RURAL LIBRARIES

Expediency is the most important factor. M. Filatov. Bibliotekar' 43 no. 5:46-47 My '66.

MOSCOW PROVINCE—VETERINARY MEDICINE—STUDY AND TEACHING

Courses for advanced training of veterinarians. A. I. Prokofiev. Veterinarlia 42 no. 4:110-111 Ap '66.

MOSCOW REGION—ARCHITECTURE

Ulin, M. A. [The environs of Moscow] Podmoskov'e. Les environs de Moscou. [2d. z., 10 pr.] Moskva, Iskusstvo, 1966. 313 p. illus.

MOSCOW REGION—NEMATODE DISEASES OF PLANTS

Two new plant nematode species. M. A. Dmitrenko. Zool. zhur. 45 no. 5:764-766 '66.

MOSCOW REGION—PRODUCE TRADE

Work and concerns of the purchasing agents of Moscow environs. E. Sizenko. Zakup. sel'khoz. prod. no. 4:4-6 Ap '66.

MOSKVA RIVER—LOCKS (HYDRAULIC ENGINEERING)

Firsting of the Moskva River water transport system now under reconstruction. I. Kupollo. Rech. transp. 23 no. 2:30-32 F '64.

MOSKVA RIVER—WATER—PURIFICATION

Self-purification of the bodies of water and the problems of water supply. M. M. Telichenko. Gidrobiol. zhur. 2 no. 2:37-40 '65.

MOSQUITOES see subdivision under Yakutia

MOSQUITOES—EXTERMINATION

Mosquito control in pastures. V. I. Bukshynov. Veterinarlia 43 no. 5:86-88 My '65.

MOSQUITOES—PARASITES see Parasites—Mosquitoes

MOSSES

Green mosses (Bryales) as an object of extra-curricular study of botany. Z. F. Kachava. Uch. zap. TGTI 21:16-29 '64.

MOTHS

Oak procession moth. S. Logolda, G. Besheni. Zaichch. rast. 11 no. 5:45-46 '66.

MOTION

Motion of a two-wheeled vehicle. V. K. Poida. Vest. LGU 21 no. 7:97-106 '66.

MOTION—STUDY AND TEACHING

Studying the basic dynamic laws of motion with relativistic speeds. V. V. Multanovskii. Izv. APN no. 141:61-67 '65.

MOTION OF FLUIDS IN PLANTS see Plants, Motion of fluids in

MOTION-PICTURE AUDIENCES

Varshavskii, I. A. L. [Life of the motion picture; thinking in images by the artists and the audience] Zhizn' fil'ma; obraznoe myshlenie khudozhnika i zritel'a. Moskva, Iskusstvo, 1966. 218 p.

MOTION-PICTURE INDUSTRY—EQUIPMENT AND SUPPLIES

Methods for determining the economic efficiency of new technology in film production. V. G. Chernov. Tekh. kino i telev. no. 5:18-25 My '66.

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Lighting system of the KMRS-1 printing apparatus. M. G. Shamshtein. Tekh. kino i telev. no. 5:43-45 My '66.

MOTION-PICTURE PHOTOGRAPHY—EXPOSURE

Exposure in single filming with the "Kvaris-3" camera. V. Luzhetskii, V. Luzhetskii. Tekh. kino i telev. no. 5: 68 My '66.

MOTION-PICTURE PHOTOGRAPHY—PATENTS see subdivision under Czechoslovakia

MOTION-PICTURE PHOTOGRAPHY, HIGH SPEED

Studying the blasting effect of column charges by rapid motion-picture filming. K. T. Tkachuk, S. I. Tkachev. Izv. vye. ucheb. zav.; gor. zhur. 9 no. 4:73-76 '66.

MOTION-PICTURE PLAYS

Lenin alive. T. Bangeraskin. Sem'in i shkola 21 no. 4: 46 Ap '66.

The maturing of Alibayev. A. Grigor'ev. Sov. pech. no. 5:51-52 My '66.

New page of motion-picture Leningrad. V. Baulin. Sov. voln 47 no. 18:28 S '65.

Portrayal of party workers in motion pictures.

V. Simunovskii. Part. zhizn' no. 12:56-61 Je '66. The soldier's exploit on the screen. Edmond Keosalan and others. Sov. voln 46 no. 10:31 My '66.

MOTION-PICTURE PROJECTION

Vyatskii, M. Z. [Large motion-picture screens and stereophony] Bol'shie kinoekrany i stereofonlia. Moskva, Iskusstvo, 1966. 282 p.

MOTION-PICTURE PROJECTORS

Vorilinskii, S. Sh., and L. N. Kinosh. [Motion picture projectors for panoramic theaters] Kinoproektory panoramnykh kinoteatrov. Moskva, Iskusstvo, 1966. 235 p. (Biblioteka kinomekhanika)

MOTION-PICTURE THEATERS see subdivision under Uzbekistan

MOTION-PICTURE THEATERS—EQUIPMENT AND SUPPLIES

Provide the rural movie theater network with a modern motion-picture equipment base; in the Committee of Cinematography Attached to the Council of Ministers of the U.S.S.R. Tekh. kino i telev. no. 5:94 My '66.

MOTION PICTURES

(see also subdivision under Moscow; Ukraine)

Cherkasov, N. K. [In the theater and in the movies; a story about the work of an actor] V teatre i v kino; rasskaz o trade aktera. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 141 p. (V mire prekrasnogo) (MaU)

Dolinskii, I. L. [Soviet motion pictures of the second half of the thirties; 1935-1941] Sovetskoe kinoiskusstvo vtoroi poloviny tridsatykh godov, 1935-1941 g. Moskva, Vses. gos. in-t kinematografi. (Istorika kino SSSR, no. 7) No. 2. 1963. 106 p.

Gromov, E. S. [The time, the hero, the spectator] Vremia, gerol, zritel'. Moskva, Molodnia gvardia, 1965. 110 p.

(NcU)

Kalistratov, I. A., and A. A. Annashkin. [Release of a motion picture and its problems] Kinoproekt i ego problemy. Moskva, Iskusstvo, 1963. 178 p. diagrs., tables. (CLSU)

Motion pictures in the new five-year plan. A. F. Barinov. Tekh. kino i telev. no. 5:3-6 My '66.

MOTION PICTURES—ABSTRACTS

Abstracts. Tekh. kino i telev. no. 5:78-90 My '66.

MOTION PICTURES—AESTHETICS

Zak, M. Kh. [The screen and you] Ekran i ty. Moskva, Iskusstvo, 1966. 142 p. illus.

MOTION PICTURES—EXHIBITIONS

Montreal - 1967. Tekh. kino i telev. no. 5:60-62 My '66.

MOTION PICTURES—PLOTS, THEMES, ETC.

Our survey. Guido Aristarco and others. Vop. kinodram. no. 5:209-299 '65.

Plot and reality. I. Vaisfel'd. Vop. kinodram. no. 5: 13-45 '65.

Some words in defense of the old plots. N. Zorkala. Vop. kinodram. no. 5:94-111 '65.

A "strong" and a "weakened" plot. M. Shaternikova. Vop. kinodram. no. 5:75-93 '65.

MOTION PICTURES—PRODUCTION AND DIRECTION

André Bazin and "the aesthetics of noninterference." V. Bozhovitch. Vop. kinodram. no. 5:303-310 '65.

Idea on the screen. A. Macheret. Vop. kinodram. no. 5:112-152 '65.

Is the spiritual world photogenic? S. Korynina. Vop. kinodram. no. 5:153-100 '65.

Our survey. Guido Aristarco and others. Vop. kinodram. no. 5:209-299 '65.

Revolt of details. V. Demin. Vop. kinodram. no. 5: 46-74 '65.

Transformation of the second plan. An. Granberg. Vop. kinodram. no. 5:191-207 '65.

Varshavskii, I. A. L. [Life of the motion picture; thinking in images by the artists and the audience] Zhizn' fil'ma; obraznoe myshlenie khudozhnika i zritel'a. Moskva, Iskusstvo, 1966. 218 p.

MOTION PICTURES—PSYCHOLOGICAL ASPECTS

Is the spiritual world photogenic? S. Korynina. Vop. kinodram. no. 5:153-100 '65.

MOTION PICTURES, DOCUMENTARY

Improving the quality of sound in newreel and documentary films. V. A. Nesterov. Tekh. kino i telev. no. 5: 26-30 My '66.

MOTION PICTURES, TALKING

Evolution of the language of motion pictures. André Bazin. Vop. kinodram. no. 5:311 '65.

MOTION PICTURES IN AGRICULTURE

Mechanical loaders. M. Puzanova, A. Chelyshev. Zakup. sel'khoz. prod. no. 4:59-60 Ap '66.

MOTION PICTURES IN BOTANY

Distance-type angle measuring device for decoding motion-picture records in studying the motion of plants. P. A. Degtiarev, O. V. Ivanov. Sbor. trud. po agron. fiz. no. 12:224 '65.

MOTION PICTURES IN EDUCATION

Editor's mail. I. M. Narvita. Sred. spets. obr. 13 no. 4: 11 Ap '66.

MOTION PICTURES IN INDUSTRY

Use of motion-picture photography in the study and introduction of advanced practices and work methods. L. I. Basyago, V. I. Vasil'eva. Shvein. prom. no. 2:7-11 Mr Ap '66.

MOTION PICTURES IN VETERINARY MEDICINE

Screen novelty. Veterinarlia 42 no. 4:110 Ap '66.

MOTOR FUELS

Nitroparaffins as fuel for automobile engines. D. M. Aronov, V. A. Zaitsev, M. O. Lerner. Eksp. i tekhn. avia. i prim. avt. top. smaz. mat. i spetszhiz. no. 4:25-28 '66.

MOTOR SCOOTERS

Grishin, E. M., and Z. I. A. Janson. [Motor scooters; their construction and operation] Mopedy; ustroistvo i ekspluatatsia. Moskva, Mashinostroenie, 1966. 147 p.

MOTOR SCOOTERS—MAINTENANCE AND REPAIR

Lukosevichus, Kestutis. [Motorcycle and motor scooter repairs] Motociklu ir motoroleriu remontas. Vilnius, Mintis, 1965. 163 p. [In Lithuanian]

MOTOR SHIPS

Operation of DAU-18-DE. A. Korolev. Rech. transp. 26 no. 4:34 '66.

MOTOR SHIPS—ACCIDENTS see subdivision under Volga River

MOTOR SHIPS—MAINTENANCE AND REPAIR

Replacing the main engine on the 090-A motor ship. I. Danilov. *Rech. transp.* 23 no. 2:41-42 F '64.

MOTOR VEHICLES

(See also subdivision under Poland)

Butovskii, G. K., and K. G. Butovskii. [Working principles of motor vehicles] *Ustroistvo avtomobilov*. Izd. 2., ispr. i dop. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 797 p.

Lazebnikov, M. G., and Iu. I. Bakurevich. [Operation of motor vehicles under bad road conditions] *Ekspluatatsiya avtomobilov v tiazhelykh dorozhnykh usloviyakh*. Moskva, Transport, 1966. 109 p.

New exhibits at the Exhibition of the Achievements of the National Economy. NTO 8 no. 5:42-43 My '66.

MOTOR VEHICLES—BRAKES

Experimental investigation of the energy capacity of brake mechanisms. B. B. Genboim and others. *Avt. prom.* 32 no. 5:29-31 My '66.

MOTOR VEHICLES—DYNAMICS

Effect of wind on the motion of a motor vehicle. E. V. Mikhailovskii, Iu. S. Vinogradov. *Avt. prom.* 32 no. 4:11-12 Ap '66.

MOTOR VEHICLES—ENGINES

Heat transfer to the lubricating oil in engines. A. V. Kostrov, B. M. Kuntavskii, V. V. Ershov. *Avt. prom.* 32 no. 4:1-3 Ap '66.

Investigating dynamic loads in crankshaft cheeks of an engine. G. I. Semenov. *Avt. prom.* 32 no. 5:3-6 My '66. Investigating the efficiency of the intake and exhaust ventilation of the crankcase of a motor vehicle engine. L. I. A. Raikov, G. N. Rytvinskii. *Avt. prom.* 32 no. 4:7-10 Ap '66.

Khanladze, G. E. [Some problems in the theory and thermal analysis of motor-vehicle and tractor engines] *Nekotorye voprosy teorii i teplovogo rascheta avtotraktornykh dvigateli*. Tbilisi, Gruzinskii sel'khoz. in-t, 1964. 213 p.

MOTOR VEHICLES—FUEL SYSTEMS

Water in a gasoline tank. V. Ivanov, I. Radvitskii. *Zhbr. i rats.* no. 3:9 Mr '66.

MOTOR VEHICLES—LUBRICATION

Determining the base of a cleaning additive in oils used in motor vehicle engines. S. G. Koltyin, N. V. Gorbacheva. *Ekspl. tekhn. svois. i prim. avt. top., smaz. mat. i spetszhid.* no. 4:88-92 '66.

Laboratory evaluation of motor oils in the NIAT device and its coincidence with the results of operational tests. N. A. Sorokina. *Ekspl. tekhn. svois. i prim. avt. top., smaz. mat. i spetszhid.* no. 4:72-79 '66.

Oils with new additives for motor-vehicle carburetor engines. D. M. Aronov. *Ekspl. tekhn. svois. i prim. avt. top., smaz. mat. i spetszhid.* no. 4:51-66 '66.

Physical stability of additives in oils after prolonged storage. N. A. Sorokina. *Ekspl. tekhn. svois. i prim. avt. top., smaz. mat. i spetszhid.* no. 4:83-88 '66.

Possibilities of reducing oil consumption in engines. D. M. Aronov. *Ekspl. tekhn. svois. i prim. avt. top., smaz. mat. i spetszhid.* no. 4:93-109 '66.

Statistical testing of the possibility of evaluating worked-out oils by an average mixed sample. D. M. Aronov, N. A. Sorokina. *Ekspl. tekhn. svois. i prim. avt. top., smaz. mat. i spetszhid.* no. 4:79-84 '66.

Thickened oils with ash-free additives. M. A. Senichkin and others. *Ekspl. tekhn. svois. i prim. avt. top., smaz. mat. i spetszhid.* no. 4:67-72 '66.

Transmission oils from extracts of phenol purification (results of stand and laboratory tests). E. M. Maksimov. *Ekspl. tekhn. svois. i prim. avt. top., smaz. mat. i spetszhid.* no. 4:118-125 '66.

MOTOR VEHICLES—MAINTENANCE AND REPAIR

[Repair of tractors, motor vehicles and agricultural machines] *Remont traktorov, avtomobilov i sel'skokhoziaistvennykh mashin*. [By] V. D. Chistiakov i dr. Moskva, Kolos, 1966. 422 p. (Uchebniki i uchebnye posobia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)

Sarkhosh'an, G. N. [Welding in repairing cabins and bodies of motor vehicles] *Svarka pri remonte kabin i kuzovov avtomobilov*. Moskva, Transport, 1966. 37 p.

MOTOR VEHICLES—NOISE

Seminar on the reduction of the noise of motor vehicles. A. G. Zubakin, G. V. Latyshev, V. E. Tol'skii. *Avt. prom.* 32 no. 5:46-47 My '66.

MOTOR VEHICLES—TESTING

Using the equations of kinematic connections in investigating the motion stability and maneuverability of a motor vehicle by means of analog computers. I. K. Pchel'm, A. A. Khachaturov. *Avt. prom.* 32 no. 5:19-25 My '66.

MOTOR VEHICLES—TIRES

Effect of the rim width on the wear of tire tread. G. V. Nadezhdin. *Avt. prom.* 32 no. 4:29-30 Ap '66. Experimental investigation of the adhesion of tires with soil in skidding. G. B. Bezborodova, N. F. Kosharnyi. *Avt. prom.* 32 no. 4:30-33 Ap '66.

MOTOR VEHICLES—TRANSMISSION DEVICES

Investigating natural vibrations in mechanical transmissions of motor vehicles. L. I. Steinfeldt. *Izv. vys. ucheb. zav.; mashinostr.* no. 3:75-80 '66.

MOTOR VEHICLES—VIBRATION

Investigating the vibration of motor vehicles. V. V. Putiatin. *Izv. vys. ucheb. zav.; mashinostr.* no. 3:80-85 '66. New method for the analysis of vibrations of a motor vehicle. V. A. Kuz'min. *Izv. vys. ucheb. zav.; mashinostr.* no. 2:71-75 '66.

MOTORBUS LINES—STATIONS see Motorbus terminals

MOTORBUS TERMINALS

(see also subdivision under Ulyanovsk)

Combined river and motorbus stations and shelters. G. Golubev, V. Dakino. *Rech. transp.* 23 no. 2:36-37 F '64.

Roofs for a bus station platform. O. Kosoverov. *Stroi. i arkhitekt.* 14 no. 4:22 Ap '66.

MOTORBUSES—AIR CONDITIONING

Air conditioning in the compartments of the LiAZ-158 and PAZ-652 motorbuses. E. I. Krivenko, A. I. Sofronov. *Avt. prom.* 32 no. 4:34 Ap '66.

MOTORBUSES—SAFETY APPLIANCES

Characteristics of the new regulator of body position with a hydraulic retarder for motorbuses. R. A. Akopjan, V. A. Polakov. *Avt. prom.* 32 no. 4:22-26 Ap '66.

MOTORCYCLES

Makovskii, E. Z. [Bicycles and motorcycles] *Velosipy i mototsikly*. Moskva, Ekonomika, 1966. 108 p.

MOTORCYCLES—MAINTENANCE AND REPAIR

Lukosevichus, Kestutis. [Motorcycle and motor scooter repairs] *Motociklin ir motoroleriu remontas*. Vilnius, Mintis, 1966. 163 p. [In Lithuanian]

MOTORLESS FLIGHT see Gliding and soaring

MOTORTRUCKS

Moskovskii avtomobil'nyi zavod. [ZIL-130 motortruck and its modifications; instructions for operation] *Avtomobil' ZIL-130 i ego modifikatsii; instruktsiya po ekspluatatsii*. Izd. 3., ispr. i dop. Moskva, Mashinostroenie, 1966. 274 p.

Specialized motortrucks. Iu. Sokolov, A. Khorin. *Tekh. v sel'khoz.* 26 no. 4:36-40 Ap '66.

Use of heavy trucks in the coal industry. Z. I. Sirotkin. *Ugol'* 41 no. 5:24-28 My '66.

MOTORTRUCKS—AXLES

Traction stress distribution along the axles of multi-axle motortrucks on turns. G. A. Smirnov. *Avt. prom.* 32 no. 4:25-28 Ap '66.

MOTORTRUCKS—ELECTRIC EQUIPMENT

Bench for checking tractor electric equipment. V. Khimov. *Tekh. v sel'khoz.* 26 no. 4:59-62 Ap '66.

MOTORTRUCKS—FRAMES

Calculation of motortruck frames for torsion. L. Sh. Khimnik, M. M. Kobrin. *Prikl. mekh.* 2 no. 5:134-138 '66.

MOTORTRUCKS—LUBRICATION

Selecting transmission oils for hypoid transmissions of motortrucks. O. S. Obluchkova, E. N. Davlatkina, A. B. Barenfeld. *Avtom. prom.* 32 no. 4:13-14 Ap '66.

MOTORTRUCKS—MAINTENANCE AND REPAIR

Ostrovskii, V. S., V. A. Stepanov, and S. M. Babusenko. [Repair of motor-vehicle and tractor trailers and bodies] *Remont avtotraktornykh pritsepov i kuzovov*. Moskva, Kolos, 1965. 108 p. (Biblioteka rabochego-remontnika)

Russia (1017- R. S. F. S. R.) *Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. Tekhnicheskoe upravleniye*. [Specifications for the major overhauling of the ZIL-130 motortruck] *Tekhnicheskoe upravleniye na kapital'nyi remont avtomobila ZIL-130*. Moskva, Transport, 1966. 517 p.

MOUNDS see subdivision under Dnieper Valley

MOUNTAIN ASH (SORBUS) see Rowan

MOUNTAIN PARSLEY

Isolation and quantitative determination of stannum. O. P. Prokopenko. *Farmatsiev. zhur.* 20 no. 3:17-30 '65.

MOUNTAINEERING

Kuz'min, N. I., and B. L. Rukodel'nikov. [Training of mountaineers] *Obochenie alpinistov*. Moskva, Fizkul'tura i sport, 1965. 180 p. (CU)

MOUNTAINS see subdivision under Mediterranean region

MOVEMENT (PHYSIOLOGY)

Bernshlein, N. A. [Studies on the physiology of movements and the physiology of activity] *Ocherki po fiziolologii dvizhenii i fiziologii aktivnosti*. Moskva, Meditsina, 1966. 349 p.

Relation of the precision of movements to their amplitude. E. P. D'In. *Fiziol. zhur.* 52 no. 5:498-503 My '66.

Rhythmic activity of the contractile system of single-cell organisms and conditions of its establishment. T. N. Seravin. *Tsitologiya* 6 no. 4:516-520 Ji-Ap '61.

Role of the y-motor system in the performance of movements evoked by natural stimulation of supraspinal centers. E. V. Severin. *Fiziol. zhur.* 52 no. 5:453-457 My '66.

MSTA VALLEY—GEOLOGY—MAPS

Electric prospecting and geological mapping in the upper Volga and Msta Valleys. L. N. Shern. *Trudy Lengkhoproekta* 2:140-149 '65.

MUCORALES

Effect of fungi of the order Mucorales on the growth of barley and oat shoots. T. S. Kyrylenko. *Mikrobiol. zhur.* 28 no. 3:46-54 '66.

MUCOUS MEMBRANE—DISEASES

Excessive development of the gastric mucosa in gastric ulcer associated with gastritis. P. V. Vlasov. *Sov. med.* 28 no. 9:3-8 S '64.

MUDRETISOV FAMILY

Savelichev, A. A. [The Mudretsov dynasty] *Dinastiia Mudretsovykh*. Minsk, Belarus', 1966. 37 p. (Boitsy perednego krain)

MUHAMMAD HAIDAR, Dughlat, d. 1551

Khasanov, Khamidulla. [Hafiz Abu, Haidar Mirza, Filipp Efremov. Khafizi Abu, Khaidar Mirza, Filipp Efremov. Tashkent, Nauka UzSSR] 1964. 62 p. (Zbirn' zamechatel'nykh hudei) [In Uzbek] (MI)

MULBERRY—VARIETIES see subdivision under Asia Darya Valley

MULTIVIBRATORS

Operating conditions of a semiconductor polyphase multivibrator. V. I. Belinskii. *Izv. vys. ucheb. zav.; prib.* 9 no. 2:12-17 '66.

A phasatron in operation. M. Smirnov. *Tekh. i teoret.* 24 no. 4:26-29 Ap '66.

MUNICIPAL SERVICES see subdivision under Moscow

MUNICIPAL SERVICES—TABLES, CALCULATIONS, ETC.

[Manual for planning and analyzing the work of communal enterprises] *Posobie po planirovaniu i analizu raboty kommunal'nykh predpriatii*. [By] A. I. Falberg i dr. Moskva, Stroiizdat, 1966. 201 p.

MUOSTAKH ISLAND—BOTANY

List of the vascular plants of Muostakh Island (Murokhaya Bay, Arctic Yakutia). O. V. Rehrstafa. *Russ. Krasn. Sev. SSSR i ee oav.* no. 6:41-43 '66.

MURABEK REGION (UZBEKISTAN)—GEOLOGY, STRATIGRAPHIC

Petrographic-mineralogical characteristics of Cretaceous sediments in Southern Mubarak. Kh. K. Ismatilloev, E. Iu. Begmatov, M. Nardozhiev. *Uzb. geol. zhur.* 10 no. 2:75-80 '66.

MURAMIDASE

Changes in the content of lysozyme in the blood of animals under the influence of injections of streptococcus and homologous tissue antigen. F. S. Fidei'man, I. L. Aver'lanova. *Biol. eksp. biol. i med.* 50 no. 12:39-41 D '64.

MURDER

Borodin, S. V. [Qualification of manslaughter under the present law] *Kvalifikatsiia ubistva po delovushchemu zakonodatel'stvu*. Moskva, Iuridicheskaya literatura, 1966. 251 p.

MURMANSK—BORING MACHINERY

Practices in using manual thermodrills on construction projects in Murmansk. B. V. Leikin. *Mekh. stroi.* 22 no. 4:12-14 Ap '65.

MURMANSK PROVINCE—LEGUMES

Effect of nitragin on the yield of legumes in the conditions of Arctic agriculture. M. B. Roizin. *Agroklimatika* no. 5:34-39 My '66.

MURMANSK PROVINCE—SHRUBS

Effect of azotobacterin on the growth and development of decorative shrubs of Murmansk Province. M. B. Roizin, N. M. Aleksandrova. *Izv. AN SSSR, Ser. biol.* no. 3:452-456 My-Je '66.

MURMANSK PROVINCE—SOIL MECHANICS

Physicochemical properties of fluvio-glacial esker sediments in the western part of Murmansk Province and the Karelina A. S. S. R. N. P. Astratova, A. A. Kagan, A. V. Tiagunov. *Trudy Leningradskogo gos. univ.* 2:112-121 '65.

MURMANSK REGION—ALGAE

Iodine content in algae of the Murmansk region. G. K. Barashkov. *Ryb. khoz.* 42 no. 3:69-70 '66.

MUSCLE

Activity of potassium and sodium ions in the protoplasm of striated muscle fibers in frogs. Z. A. Sorokina. *Biul. eksp. biol. i med.* 58 no. 12:17-21 D '64.

Adrenaline and noradrenaline in skeletal muscles. V. A. Goryain. *Fiziol. zhur.* 50 no. 10:1276-1281 O '64.

Changes in the membrane potential and tension of the smooth muscle cells in response to extension. R. S. Orlov. *Fiziol. zhur.* 50 no. 11:1373-1376 N '64.

Creatine kinase in smooth and striated muscle extracts and the effect of papaverine on its activity. E. P. Chetverikova. *Biul. eksp. biol. i med.* 58 no. 12:46-48 D '64.

Creatine synthesis in muscles. A. M. Alekseeva, G. G. Arkhangelskaya. *Biokhimiya* 31 no. 2:330-333 Mr-Apr '66.

Effect of light on the electric activity of muscles in ontogeny. I. A. Ler. *Fiziol. zhur.* 51 no. 2:269-274 F '65.

Enzyme properties of sarcoplasmic proteins from the skeletal, cardiac, and smooth muscles in rats. I. I. Ivanov, B. F. Korovkin, I. S. Cherenko. *Biokhimiya* 31 no. 2:322-329 Mr-Apr '66.

Increase resistance of muscle proteins in heterotic hybrids of *Coregonus lavaretus ludoga* and *C. albula*. A. A. Kusanina. *TSitologiya* 6 no. 4:493-495 Ji-Ag '64.

Neurogenic and myogenic electrical activity of the somatic muscle of the lymph heart. N. A. Rina, N. F. Skorobovichuk. *Fiziol. zhur.* 50 no. 9:1113-1121 S '64.

Physiological and chemical characteristics of aptitude to efficiency gain in muscle activity and restitution during periods of rest in persons of middle and elderly age. A. P. Krasnova, N. N. Iakovlev. *Fiziol. zhur.* 52 no. 5:504-511 My '66.

Some properties of Remazol Red and two forms of its binding by muscles, muscle models and actomyosin. Z. B. Popova, A. D. Braun. *TSitologiya* 6 no. 4:508-512 Ji-Ag '64.

Study of the chemical sensitivity of the terminal lamina of a striated muscle fiber in frogs during the course of its rhythmic activation. I. A. Vladimirova. *Fiziol. zhur.* 50 no. 11:1358-1363 N '64.

Vorontsov, D. S., and M. F. Shuba. [Physical electrotonus of the nerves and muscles] *Fizicheskiy elektrototonus nervov i myshits.* Kiev, Naukova dumka, 1966. 212 p.

MUSCLE RELAXANTS

Dynamics of methylcholine accumulation in various organs of the Ararat larkspur. G. M. Mamedov. *Ant. delo* 13 no. 2:31-35 Mr-Apr '66.

Use of muscle relaxants in closed setting of congenital dislocations of the femur. I. A. A. Ortenberg, A. V. Merinov. *Ortop. travm. i protez.* 25 no. 10:58-59 O '64.

MUSCLES

Age-related characteristics of macroenergetic phosphorus compounds in skeletal muscles under rest and exercise conditions. V. V. Frolov, E. V. Epshteyn. *Vop. med. khim.* 12 no. 3:248-253 My-Je '66.

MUSCLES—ABSCESSES

Retroperitoneum in the diagnosis of psoas abscesses. R. V. Bogoslavskii, S. S. Gorbunov. *Probl. tub.* 42 no. 6:75-76 '64.

MUSCLES—DISEASES

Combination of Addison's disease with paroxysmal myoplegia. M. E. Shraibman. *Probl. endok. i gorm.* 12 no. 3:46-47 My-Je '68.

MUSCLES—INNERVATION

Constant potential and sorptive properties of the muscle during a myotatic reflex and following denervation A. D. Pshedetskaya. *Biul. eksp. biol. i med.* 58 no. 9:23-26 S '64.

MUSCLES—MOTILITY

Correlation between the duration of contraction and relaxation of smooth muscle in the small intestine. A. A. Genkin, T. D. Dzidzigurt. *Fiziol. zhur.* 50 no. 11:1377-1383 N '64.

Effect of unipolar negative acronization on the motor reaction of the skeletal muscle in man. I. G. Shemetko. E. V. Molchanov. *Vop. kur. fizioter. i lech. fiz. kult.* 29 no. 5:433-435 S-O '64.

Further studies on slow and rapid muscle systems in frogs. N. F. Skorobovichuk, N. A. Chizhova. *Fiziol. zhur.* 50 no. 11:1335-1341 N '64.

Intensification of vasoconstrictor response following increase of the myogenic tone with angiotensin. A. I. Katunskii, V. M. Khalutin. *Fiziol. zhur.* 50 no. 10:1238-1244 O '64.

Mechanism of prolonged muscle contraction in turtles. I. I. Lebedinskaya. *Fiziol. zhur.* 50 no. 11:1350-1357 N '64.

MUSCLES—TUMORS

Heteroantigens of myogenic rat tumors. V. I. Fel' and others. *Dokl. AN SSSR* 168 no. 2:451-453 My '66.

MUSCULOSKELETAL SYSTEM

Comparative significance of skeletal musculature and the intestine in chemical thermoregulation. K. P. Ivanov, D. A. Rashevskaya. *Fiziol. zhur.* 51 no. 2:197-203 F '65.

MUSEUMS

see subdivision under Leningrad; see also subdivision 'Art galleries and museums' under Kharkov; Leningrad; Moscow; Saratov; Sverdlovsk

MUSHROOMS—DRYING see subdivision under Novosibirsk District (Dnepropetrovsk Province)

MUSHROOMS—PRESERVATION see subdivision under Lvov

MUSIC—ACOUSTICS AND PHYSICS

Tormen, L. B. [Physics and musical art] *Fizika i muzykal'noe iskusstvo.* Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no. 8)

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—INSTRUCTION AND STUDY

(see also subdivision under Bulgaria)

Both singing and listening. N. Grodzinskaya. *Sov. muz.* 30 no. 4:101-103 Ap '66.

Coordination is necessary. M. Raftersheln. *Sov. muz.* 30 no. 4:99-101 Ap '66.

The discussion continues. *Sov. muz.* 30 no. 4:105-108 Ap '66.

Interrupting practice. L. Bunich. *Sov. muz.* 30 no. 4:98-99 Ap '66.

MUSIC AND LITERATURE

Recreating the poet's image. I. U. Malyshev. *Sov. muz.* 30 no. 4:21-26 Ap '66.

MUSIC FESTIVALS see subdivision under Estonia

MUSICAL INSTRUMENTS, ELECTRONIC

Prokhorov, E. A. [Electronic adaptation of musical instruments] *Adaptatsiya muzykal'nykh instrumentov.* 2. Izd. perer. i dop. Moskva, Energiya, 1966. 69 p. (Massovaya radiobiblioteka, no. 596)

MUSICAL REVUES, COMEDIES, ETC.

Victory of a genre. A. Vladimirova. *Teatr* 25 no. 9:4-5 S '64.

MUSKRATS

(see also subdivision under Kara-Kalpak A.S.S.R.)

Ecological, morphological and physiological adaptation of muskrat and water rat to a semiaquatic way of life. V. P. Galantsev. *Zap. LSKII* 95:157-177 '65.

MUSORGSKII, MODEST PETROVICH, 1830-1901

Ogoleva, A. S. [Vocal dramaturgy of Musorgskii] *Vokal'naya dramaturgiya Musorgskogo.* Moskva, Muzyka, 1966. 444 p.

MUSSELS see subdivision under Black Sea

MUTTON—MICROBIOLOGY see subdivision under Kazakhstan

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Belakov, D. D., and V. I. Bochkova. [Financing of technological progress in the Comecon countries] *Finansirovanie tekhnicheskogo progressa v stranakh SEV.* Moskva, Finansy, 1966. 133 p.

Economic effect of the intrabran specialization of production in the Comecon countries. I. U. Korinnov. *Vop. ekon.* no. 4:73-83 Ap '65.

The fuel and raw material problem of the Comecon countries and ways of solving it. I. Dudinskii. *Vop. ekon.* no. 4:84-94 Ap '65.

The Mutual Economic Assistance Council. S. Zavolzhskii. *Agitator* 34 no. 11:55-56 Je '66.

MYCETOMA

Histopathology of maduromycosis. I. K. Esipova, Mubhammad Abd Allah al-'Arabi. *Ark. pat.* 28 no. 3:66-69 '66.

Treatment of maduromycosis. I. U. S. Fedorov. *Khirurgiya* 42 no. 2:152-153 F '66.

MYCOBACTERIUM

Differentiation between acid-resistant saprophytes from *Mycobacterium tuberculosis* and atypical strains by the determination of formamide activity. M. M. Dykhno, O. M. Zemtsova, V. M. Zaiden. *Probl. tub.* no. 3:63-66 '64.

Differentiation of atypical strains of mycobacteria and acid-fast saprophytes by intradermal tests on guinea pigs. A. P. Baturo. *Probl. tub.* 42 no. 6:71-74 '64.

Methods for the differentiation and the sensitizing properties of various strains of *Mycobacterium*. G. A. Iudin. *Veterinariya* 43 no. 5:10-13 My '66.

Primary resistance of *Mycobacterium tuberculosis* to drugs. L. E. Janusz, J. J. Kavusov. *Probl. tub.* no. 7:23-30 '65.

Stimulating effect of *Mycobacterium luteum* on the vitamin B₁₂ formation by propionic acid bacteria. L. I. Vorob'eva, N. A. Baranova. *Mikrobiologiya* 35 no. 2:249-252 Mr-Apr '66.

Study of the dynamics of the morphological changes in the skin of guinea pigs for the differentiation of acid-fast mycobacteria. A. A. Klebanova, V. I. Braude. *Probl. tub.* 42 no. 5:64-71 '64.

Toxicallergic effect of some fractions isolated from *Mycobacterium tuberculosis*. A. I. Kartashev. *Probl. tub.* no. 6:72-76 '64.

MYCOBACTERIUM—CLASSIFICATION

Universal distribution, isolation, and classification of *Mycobacteria*. Report No. 1: Distribution, frequency, and methods of isolation. M. P. Zikov. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:115-121 Ap '66.

MYCOBACTERIUM—CULTURES AND CULTURE MEDIA

Aminokrovin, a culture medium for *Mycobacterium tuberculosis*. S. A. Erikin, Sh. B. Amchilavskaya. *Probl. tub.* no. 9:80-81 '64.

Antigenic properties of *Mycobacterium* in the reaction of diffuse precipitation in gel. B. N. Koz'min-Sokolov. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:111-115 Ap '66.

Pigment formation by *Mycobacterium lacticolum*, strain 35. K. A. Nikitina. *Mikrobiologiya* 35 no. 2:253-257 Mr-Apr '66.

Some properties of homoserine dehydrogenase in *Mycobacterium album*, strain 13. I. U. Karasevich, S. A. Butenko. *Mikrobiologiya* 35 no. 2:212-219 Mr-Apr '66.

MYCOBACTERIUM TUBERCULOSIS

Comparative data of determining the resistance of *Mycobacterium tuberculosis* to the basic antituberculous preparations in various solid media. A. Z. Smolenskaya, E. M. Morein. *Lah. delo* no. 4:227-229 '66.

MYCOSIS

Histological diagnosis of mycosis. V. V. Kurasova, N. A. Spetsivaya. *Trudy VNIIVS* 16:415-419 '66.

Lung resections in mycosis. E. P. Saburenkova. *Grad. khir.* 8 no. 2:55-66 Mr-Apr '66.

MYCOSIS—BIBLIOGRAPHY see Bibliography—Mycosis

MYIASIS

Myiasis infestation of sheep in the Kalmyk A.S.S.R. caused by *Wohlfahrtia magnifica*. V. I. Ternavol, K. P. Andreev. *Trudy VNIIVS* 16:15-21 '66.

MYONEURAL JUNCTION

Comparative reactivity of neuromuscular synapses in various animals. S. I. Khristalev. *Fiziol. zhur.* 50 no. 11:1364-1372 N '64.

Mechanism of prolonged muscle contraction in turtles. I. I. Lebedinskaya. *Fiziol. zhur.* 50 no. 11:1350-1357 N '64.

MYTHOLOGY

Myths and their relation to cognition, religion, and artistic and literary work. F. Kh. Kessidli. *Vop. filos.* 20 no. 5:96-100 '66.

MYTILACEA, FOSSIL see subdivision under Sakhalin

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—LANDFORMS

Micro- and mesoforms of the relief of Holocene lava sheets in the Nagorno-Karabakh Autonomous Province. R. I. Kuliev. *Izv. AN Azerb. SSR, Ser. Geol.-geog. nauk* no. 4:100-115 '65.

NAKHICHEVAN A. S. S. R.—ATMOSPHERIC TEMPERATURE

Thermal resources of the Nakhichevan A. S. S. R. P. S. Mirzoev. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 5:75-78 '64.

NALBANDIAN, MIKAEL LAZAREVICH, 1829-1866

Grigor'ian, K. N. Mikhael Nalbadian. [Leningrad] *Lenizdat*, 1966. 39 p. (Uzinki Petropavlovskoi krayosti)

NAMANGAN—NONWOVEN FABRICS

Pave the way to the new packaging material. V. Gabrielian, I. A. Seutov. *Ekon. i zhizn'* 8 no. 4:42-41 Ap '66.

NAMES, GEOGRAPHICAL

The word "luft" in geographical names. K. V. Kostin. *Neftianik* 10 no. 6:38-39 Ag '65.

NA PHTHALENE

Synthesis, structure, and bactericidal activity of methoxyamine derivatives of naphthalene. V. I. Blyzniukov, V. P. Slutchna. *Farmatsevt. zhur.* 21 no. 2:17-23 '66.

NA PHTHALENE PROPIONIC ACID

Stereospecific synthesis of isomeric ambreinolides. A. V. Semenovskii, V. A. Smit, V. F. Kucherov. *Dokl. AN SSSR* 168 no. 3:606-609 My '66.

NA PHTHIC ACIDS

Stimulating significance of naphthene acid salts. A. Miazov, G. Mikheev, O. Annamukhamedov. *Izv. AN Tur. SSR, Ser. biol. nauk* no. 2:75-77 '66.

NA PHTHOIC ACID

Potentiometric determination of naphthalenecarboxylic acid mixtures by means of titration in nonaqueous solutions. A. P. Kreshkov and others. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:72-75 '65.

NARCOTICS—PHYSIOLOGICAL EFFECT

Characteristics of evoked potentials in the cerebral cortex following stimulation of the sciatic nerve under the effect of various narcotic substances. E. M. Nabil. *Fiziol. zhur.* 52 no. 5:472-480 My '66.

Effect of various narcotic substances on cortical potentials evoked by acoustic and painful stimulation in cats. Arnold Starr. *Fiziol. zhur.* 52 no. 5:458-464 My '66.

NARCOTICS, CONTROL OF

Decision No. 1 of the Plenum of the Supreme Court of the U. S. S. R. of February 25, 1966, concerning judicial practices in cases of unlawful manufacture and distribution of narcotic and other active and poisonous substances. *Sov. iust.* 30 no. 9:29-30 My '66.

NATIONALISM AND SOCIALISM

Bardagova, L. E. [Communism and nations; an aid to correspondence students] *Kommunizm i natsii; v pomoshch' studentu-zachniku*. Dnepropetrovsk, Dnepropetrovskii gos. univ., 1964. 16 p. (CSI-R)

Sverdlin, M. A., and P. M. Rogachev. [Communism and nations] *Kommunizm i natsii*. Elista, Kalmgostizdat, 1964. 93 p. (CSI-R)

NATIONALITIES

A conference in Lugansk on the amalgamation of socialist nations and the international education of workers. B. A. Karpov. *Nov. i noveish. ist.* no. 3:191-192 '66.

History of the conferences of the Central Committee of the Russian Communist Party (Bolshevik) with the representatives of the national republics and provinces, 1918-1923. S. I. Elkina. *Vop. ist. KPSS* 10 no. 3:54-61 Mr '66.

Strong through the union of nations. A. Voss. *Aglator* 34 no. 10:14-19 My '66.

NATURAL GAS see Gas, Natural

NATURAL HISTORY see subdivision under Ural Mountains

NATURAL RESOURCES see subdivision under Ural Mountains

NATURE STUDY

Development of children's alertness through work. A. P. Demidova. *Nach. shkola* 34 no. 5:68-71 My '66.

In early spring. N. Bender. *Doshk. vosp.* 39 no. 4: 42-43 Ap '66.

Observations of nature in summer. V. Tetiurev. *Nach. shkola* 34 no. 5:72-75 '66.

NAUTICAL ASTRONOMY

Simplified methods for determining the visible equatorial coordinates of stars. V. F. D'akov. *Inform. sbor. TSNIIMF* no. 145. Sudovozh. i sviaz' no. 33:29-35 '66.

NAVAL ARCHITECTURE

Calculation of discontinuous connections of a relatively small length or with an out-of-plane discontinuous section. N. L. Sivers. *Sudostroenie* no. 9:8-10 S '65.

Immediate tasks in the field of rivercraft building. D. Pokrovskii. *Rech. transp.* 23 no. 2:19-21 F '64.

NAVAL ARCHITECTURE—CONGRESSES

Scientific technological conference on the structural mechanics of ships. V. E. Spiro. *Sudostroenie* no. 9: 65 S '65.

NAVAL ART AND SCIENCE

Evaluation of the reliability of statistical characteristics. S. M. Kostin. *Mur. sbor.* 49 no. 5:33-38 My '66.

NAVAL EDUCATION

Admission rules for entrance to the schools of higher military and naval education. *Komm. Vooruzh. Sil* 47 no. 10:81-84 My '66.

Statistics and military training. IU. V. Rotermel'. *Mor. sbor.* 49 no. 5:51-56 My '66.

NAVIES see subdivision 'Navy' under Russia; United States

NAVIGATION

Calculation of the distance to a reference mark, the base of which is hidden beyond the horizon. M. Skvortsov. *Mor. flot* 26 no. 4:26 Ap '66.

Improving the generalized method of position lines for high latitudes. K. A. Emets. *Inform. sbor. TSNIIMF* no. 146. Sudovozh. i sviaz' no. 33:37-49 '66.

New problem of the medieval history of the Arabs: Arabs and the sea. T. A. Shumovskii. *Strany i nar. Vost.* no. 4:226-231 '65.

Practical methods for evaluating the accuracy of the observed position of the ship by means of the mean square (circular) error. L. N. Krachkevich. *Inform. sbor. TSNIIMF* no. 146. Sudovozh. i sviaz' no. 33: 24-26 '66.

Practical problems of navigation. L. N. Krachkevich, M. G. Lukin. *Mor. sbor.* 49 no. 5:61-65 My '66.

Rabinovich, M. M., and D. I. Rut'kov. [Navigation and meteorology] *Navigator i meteorologiya*. Moskva, Transport, 1966. 170 p.

Semiempirical theory of the loss of speed of seagoing vessels in waves. I. D. Andreev. *Inform. sbor. TSNIIMF* no. 146. Sudovozh. i sviaz' no. 33:13-16 '66.

NAVIGATION (AERONAUTICS)

Determination of geographical coordinates by means of an astronomical compass. A. B. Marimbakh. *Blul. VAGO* no. 37:46-60 '65.

On the line of the prescribed course. G. Charnyshev. *Grazhd. av.* 23 no. 6:24-25 Je '66.

NEBULAE

Correlation between the direction of the axes of cometary nebulae and the planes of polarization of the surrounding stars. R. A. Vardanian. *Astrofizika* 1 no. 4:420-435 D '65.

Elliptic polarization of the radiation from the Crab nebula. E. G. Mychelkin, K. G. Dzhusheva. *Dokl. AN SSSR* 168 no. 2:304-307 My '66.

NECK—CANCER

Immediate and late reactions in radiotherapy of malignant neoplasms of the neck. A. V. Kozlova, M. A. Merkova. *Med. rad.* 11 no. 4:8-15 Ap '66.

NECK—DISEASES

Preoperative X-ray diagnosis of congenital median cervical cysts and fistulae in children. IU. B. Bogdasarov, E. B. Badanova. *Vost. rent. i rad.* no. 2: 50-59 '64.

Tuberculous lymphadenitis of the submaxillary region and neck. V. I. Vytrishchak. *Vest. khir.* 96 no. 4:82-84 Ap '66.

NECK—SURGERY

Relief for vertebral artery compressed by uncovertebral arthrosis. A. I. Osna. *Vop. neirokhir.* 30 no. 2:6-10 Mr-Apr '66.

NECK—TUMORS

Dosage field in mobile methods of gamma therapy of tumors of the cervical organs using a large focus skin distance. A. N. Gamalela and others. *Med. rad.* 9 no. 4:3-8 Ap '64.

NECROSIS, BACILLARY

Vol'kova, A. A., R. S. Galey, and V. I. Ovcharenko. [Necrobacillosis in sheep] *Nekrobacilloz ovets*. Frunze, Ilim, 1965. 180 p. (DNAL)

NEEDLEWORK see subdivision under Lithuania

NEGROES see subdivision under United States

NEKLINOVKA DISTRICT—COLLECTIVE FARMS—PENSIONS

Unselfish help. L. Vladimirov. *Sots. obshch.* 41 no. 5:18 My '66.

NEMATODA

(see also subdivision under Voronezh Province)

Biology of *Hexameris brevis* Hagm., 1912 (Nematoda, Mermithidae). A. K. Artukhovich, N. A. Khar'chenko. *Zool. zhur.* 45 no. 5:646-652 '66.

Deciphering developmental cycle of the nematode *Setaria altaica*, a cerebral parasite of antler deer. A. N. Osipov. *Dokl. AN SSSR* 168 no. 1:247-248 My '66.

Fastigiaris devexus gen. et n. sp. (Nematoda, Heteroxyenematidae) from the pika *Ochotona refrenans* Gray. I. A. Babayev. *Izv. AN Tur. SSR, Ser. biol. nauk* no. 2:94-96 '66.

Pseudophyllozetes atropi gen. et sp. n., a new nematode of the family Dracunculidae Leiper, 1912. A. M. Parakhin. *Zool. zhur.* 45 no. 5:766-767 '66.

Use of the LSD-3 hydraulic flame projector for disinfecting wooden and brick surfaces, contaminated with parasitic eggs, *Strongylus equinus* larvae, and swine ascarid eggs. V. D. Bubnov, B. A. Nikol'skii. *Trudy VNIIVS* 16:160-163 '66.

NEMATODE DISEASES OF PLANTS

(see also subdivision under Moscow region; Turkmenistan; Uzbekistan)

Bioecology of *Aphelenchoides*, the agent of white tip of rice. L. V. Tikhonova. *Vest. sel'khoz. nauk* 11 no. 2: 45-47 F '66.

Root knot nematodes. F. Elvazova, O. Mav'lanov. *Zashch. rast.* 11 no. 5:54 '66.

NEODYMIUM COMPOUNDS

Study of the complex formation of neodymium with selenoacetone and selenonyltrifluoroacetone by the distribution method. V. M. Peshkova, I. P. Efimov, N. N. Maglesleva. *Zhur. anal. khim.* 21 no. 4:499-501 '66.

NEODYMIUM FLUORIDE

Crystallochemical study of neodymium fluoride pyrohydrolysis. L. R. Batsanova, N. V. Podcherezskaya. *Zhur. neorg. khim.* 11 no. 5:987-990 My '66.

NEOPRENE

Use of atactic polypropylene in nitril rubber. I. T. Gridunov and others. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:126-127 '66.

NEPES, MOLLA

Mollanepes and his views on the role and tasks of art. I. L. Sosonkin. *Izv. AN Tur. SSR, Ser. obshchestv. nauk* no. 2:19-28 '66.

NEPHELOMETERS

Determination of the bactericidal activity of blood serum using the photonephelometry method. O. V. Smirnova, T. A. Kuz'mina. *Zhur. mikrobiol., epid. i immu.* 43 no. 4:8-11 Ap '66.

NEPHELOMETRIC ANALYSIS

Using the nephelometric method for the quantitative determination of oleic acid. S. I. Pod'kin, L. A. Shubov. *Izv. vys. ucheb. zav.; telet. met.* 9 no. 2:15-17 '66.

NEPOMNIASHCHIAIA, MINA LAZAREVNA, 1895-1965

Mina Lazarevna Nepomniashchiana; an obituary. *Mikrobiologiya* 35 no. 2:381 Mr-Apr '66.

Mina Lazarevna Nepomniashchiana; an obituary. *Mikrobiol. zhur.* 28 no. 2:103 '66.

NERVES

Changes in the methylene-blue staining of preterminal nerve branches during the postsumum. E. A. Shapiro. *Tsitologiya* 6 no. 4:415-420 Ji-Ag '64.

Characteristics of the generation of action potentials in giant neurons of mollusks. V. D. Gerasimov, P. G. Kostuk, V. A. Maitskii. *Fiziol. zhur.* 50 no. 11:1321-1328 N '64.

Electrophysiological study of giant neurons in some representatives of Pulmonata. V. A. Maitskii, V. D. Gerasimov. *Blul. eksp. biol. i med.* 50 no. 12:22-26 D '64.

Excitability of the giant axon of squids to neutral red and cyanole. N. N. Nikol'skii, S. A. Krolenko. *Tsitologiya* 6 no. 4:421-426 Ji-Ag '64.

Simple apparatus for amplitude analysis of nerve impulses and for their qualitative evaluation. A. D. Nozdachev, V. L. Fel'dcher. *Fiziol. zhur.* 50 no. 11:1400-1402 N '64.

Permeability of the giant axon of squids to neutral red and cyanole. N. N. Nikol'skii, S. A. Krolenko. *Tsitologiya* 6 no. 4:421-426 Ji-Ag '64.

Simple apparatus for amplitude analysis of nerve impulses and for their qualitative evaluation. A. D. Nozdachev, V. L. Fel'dcher. *Fiziol. zhur.* 50 no. 11:1400-1402 N '64.

NERVES, PERIPHERAL—DEGENERATION AND REGENERATION

Degeneration and regeneration of peripheral nerves in a double injury. O. V. Aleksandrovskaya. *Trudy Mosk. vet. akad.* 10:174-188 '66.

ES, PERIPHERAL—DISEASES

temperature and its changes under the effect of the bromide baths. T. F. Renne. Vop. kur., fizioter., ch. fiz. kul't. 29 no. 5:435-439 S-C '64.

ES, PERIPHERAL—TRANSPLANTATION

experience in homoplasty in lesions of peripheral nerves. V. D. Golovanov and others. Khirurgiia 42 2:8-II F '66.

ES, PERIPHERAL—WOUNDS AND INJURIES

regeneration of a peripheral nerve at various times following its primary suturing in an infected gunshot wound. I. Shafar. Vop. neirokhir. 28 no. 3:23-27 My-Je '66.

ES, SPINAL—INFLAMMATION

remission mechanisms in diacogenic radiculitis. I. Dubnov. Vop. neirokhir. 30 no. 2:36-40 Mr-Apr '66.

ES, SPINAL—SURGERY

of the y-motor system in the performance of movements evoked by natural stimulation of supraspinal centers. F. V. Severin. Fiziol. zhur. 52 no. 5:453-457 '66.

OUS SYSTEM

omita nauk Moldavskoi SSR. Laboratoriia biofiziki. Problems of electrophysiology of the nervous system. Vop. elektrofiziologii nervnoi sistemy. Kishinov, Italoventaske, 1965. 121 p.

of the permeability of the skin of animals as related to the functional conditions of the nervous system. A. N. Ustin, I. A. Troitskii. Trudy VNIIVS 65:310 '60.

characteristics of the electric activity of the sympathetic nervous system in vasoconstrictor and vasodilator nervous influences. I. M. Rodionov. Fiziol. zhur. 51 no. 2:214-218 F '65.

of exercise therapy on the dynamics of nervous diseases. V. A. Makarov. Vop. kur., fizioter., i lech. 29 no. 5:463 S-C '64.

of some anions on the physical electrotomus of a dead nerve in frogs. D. S. Vorontsov. Fiziol. zhur. 50 no. 5:491-497 My '66.

physiological principles of the physiological study of higher nervous activity. M. O. Lohvin, Filon, I. I. such, pryrod. no. 2:142-149 '64.

physiology of Babinski's reflex. D. Z. Markov and others. Dokl. AN BSSR 10 no. 4:282-284 Ap '66.

of y-aminobutyric acid in the activity of the nervous system. A. S. Batuev. Fiziol. zhur. 50 no. 10:1307-1308 '64.

of the central nervous mechanism in chronic disorders of the gastric secretory function ("achylia") in monkeys. V. G. Startsev. Fiziol. zhur. 51 no. 2:250 F '65.

reactions of the nervous system. A. N. Golikov. Vop. Mosk. vet. akad. 10:13-19 '56.

of the nervous system. D. S. and M. F. Shukla. [Physical electrophysiology of the nerves and muscles] Fizicheskii elektrofiziologii myshts. Kiev, Naukova dumka, 1966. 212 p.

OUS SYSTEM—DISEASES

of Pasteurella infection and its experimental treatment on the higher nervous activity in rabbits. Tarasovich. Zhur. mikrobiol., opid. i immun. 8:136 Ap '64.

OUS SYSTEM—SURGERY

of the nervous system and their use in neurosurgery. V. F. Zhetetskii. Vop. neirokhir. 30 no. 2:62-68 Mr-Apr '66.

of the problems of surgical treatment of injured nerves. I. I. Gorodov. Khirurgiia 42 no. 2:12-19 F '66.

OUS SYSTEM, AUTONOMIC—DISEASES

characteristics of vegetative and subordinated changes in children having had birth injuries. G. T. Muradjan, Karakhanian. Zhur. eksp. i klin. med. 6 no. 1:1-4 '66.

of disorders of the vegetative nervous system in syphilis. Kh. D. Dzhanfarov, A. G. Ashrafav, I. med. zhur. 42 no. 5:71-73 My '66.

OUS SYSTEM, SYMPATHETIC

of the effects of trypsin and chemotrypsin on the respiration of the vascular wall. N. S. Mishchenko, V. V. Vremenko, A. I. Kizim. Pat. fiziol. i eksp. terap. 2:61-64 Mr-Apr '66.

physiological characteristics of the sympathetic nervous system under conditions of varying content of thyroid hormones in the blood. V. N. Babichev. Fiziol. zhur. 50 no. 10:1264-1269 O '64.

of disorders in the inferior mesenteric sympathetic ganglia of cats in thyroid gland hypofunction. Babichev. Biol. eksp. biol. i med. 58 no. 9:20-23 '66.

Participation of the sympathoadrenal system in the general adaptation reaction. A. F. Maslova. Pat. fiziol. i eksp. terap. 10 no. 2:57-61 Mr-Apr '66.

Transmission of excitation through the sympathetic ganglia during the hypofunction of the thyroid gland. V. N. Babichev. Probl. endok. i gorm. 10 no. 2:83-94 Mr-Apr '64.

Unmasking the effect exerted by sympathetic impulses on the thyroid gland. B. V. Alekhin, L. A. Us, Biol. eksp. biol. i med. 58 no. 9:26-30 S '64.

NERVOUS SYSTEM, VASOMOTOR

Diversification of neuronal activity of the vasomotor center by means of microelectrodes. N. N. Preobrazhenskii. Fiziol. zhur. 51 no. 2:164-172 F '65.

Impulse activity of pressor structures of the hypothalamus in reflex reactions of the vascular system. O. V. Verzhilova, L. N. Kondrat'eva, Biol. eksp. biol. i med. 58 no. 9:17-20 S '64.

Intensification of vasoconstrictor response following increase of the myogenic tonus with angiotensin. A. I. A. Katunskii, V. M. Khalutin. Fiziol. zhur. 50 no. 10:1239-1244 O '64.

Peripheral vascular responses to a stimulation of hypothalamic nuclei. Z. V. Beliaeva, E. Endretsi. Fiziol. zhur. 50 no. 10:1208-1217 O '64.

Reflex changes in blood circulation following stimulation of the pulmonary stretch receptors. R. U. Looga, Fiziol. zhur. 50 no. 10:1227-1235 O '64.

Vasomotor responses to reduced glycemia level and bloodletting. T. V. Popova. Fiziol. zhur. 50 no. 10:1245-1255 O '64.

NESTEROV, NIKOLAI STEPANOVICH, 1880-1926

N. S. Nesterov, a prominent forestry expert; on the 46th anniversary of his death. A. A. Katsin. Izv. vys. ucheb. zav. i les. zhur. 9 no. 1:175 '66.

NEURADACEAE

Morphology of the pollen of Neuradaceae. N. I. Demchenko. Bot. zhur. 51 no. 4:559-562 Ap '60.

NEUROENDOCRINOLOGY

Neuroendocrine disorders in traumatic shock and terminal states. E. V. Pashkovskii, A. A. Dyakin. Vest. khir. 96 no. 4:35-38 Ap '66.

Some new data in the field of neuroendocrinology. E. Endretsi. Probl. endok. i gorm. 12 no. 3:55-68 My-Je '66.

NEUROFIBROMATOSIS

Case of central neurofibromatosis. N. P. Chernysheva. Arkh. pat. 28 no. 3:76-77 '66.

NEUROLOGY—LABORATORY MANUALS

Guba, G. P. [Neurological symptoms, syndromes and functional tests; a manual for the practicing doctor] Nevrologicheskie simptomy, sindromy i funktsional'nye proby; posobie dlia prakticheskogo vracha. Pod red. D. I. Pronina. Kiev, Zdorov'ia, 1966. 170 p. (DNLM)

NEUROPSYCHIATRY—CONGRESSES

Leningrad, Nauchno-issledovatel'skii psikhonevrologicheskiy institut imeni V. M. Bekhtereva. [Rehabilitation therapy and the social and occupational readaptation of patients with neuropsychiatric diseases; materials of the all-Union scientific conference, November 10-13, 1965] Vostanovitel'skaia terapiia i sotsial'no-trudovaiia readaptatsiia bol'nykh nervno-psikhicheskimi zabolevaniiami; materialy vsesoiuznoi nauchnoi konferentsii, 10-13 noiabria 1965 goda. Leningrad, 1965. 386 p. (DNLM)

NEUROPSYCHOPHARMACOLOGY

Neurotropic effect of the cowwheat Melampyrum cristatum L. D. M. Lazareva and others. Farm. i toks. 29 no. 2:175-177 Mr-Apr '66.

NEUROSECRETION

Effect of sodium halides on the system hypothalamus-hypophysis-adrenal cortex. G. A. Ovchinnikova. Probl. endok. i gorm. 10 no. 2:60-73 Mr-Apr '64.

Phases of structural changes in the secretory neurons. A. A. Voitkevich, G. A. Ovchinnikova. Probl. endok. i gorm. 12 no. 3:80-74 My-Je '66.

NEUROSES

Cerebral arachnoiditis in the clinical aspects of neuroses; differential diagnosis. B. D. Karvasarskii. Sov. med. 20 no. 9:90-93 S '64.

NEUTRON BOMBARDMENT

Character of damages in dislocation-free Si bombarded by fast neutrons. S. Kh. Koshnir, L. G. Nikolaeva. Fiz. tver. tela 8 no. 3:982-984 Mr '66.

NEUTRON DIFFRACTION EXAMINATION

Neutron diffraction examination of the magnetic structure of hexagonal ferrites of the system Co₂W. R. A. Sizov, I. I. Iamzin. Dokl. AN SSSR 166 no. 1:90-93 My '66.

Neutron radiography. V. A. Bukarev, A. S. Sitan'. Defektoskopiia 2 no. 2:65-72 '66.

NEW STARS see Stars, New

NEWSPAPER AND PERIODICAL CIRCULATION

Minsueva, N. P., and A. M. Savvina. [Organization and planning for labor in the enterprises of the All-Union Association for Distribution of Periodicals] Organizatsiia i planirovaniie truda v predpriatiiakh Soluzpochat. Moskva, Sviaz', 1966. 78 p. (Biblioteka: Ekonomika sviazi)

NEWSPAPERS

Newspaper collections in the service of science and in practice. I. S. Smirnov. Bibliot. SSSR no. 26:140-146 '65.

NEWSPRINT

Conference on the manufacture of newsprint. Izum. prom. no. 5:2 of insert My '66.

NEWSREEL

Improving the quality of sound in newsreel and documentary films. V. A. Nesterov. Tekh. kino i telev. no. 5: 26-30 My '66.

NICKEL—METALLOGRAPHY

Studying the thermally activated movement of dislocations in high purity cast nickel. B. A. Movchan, T. A. Molodkina. Fiz. met. i metalloved. 21 no. 4:636-638 Ap '66.

NICKEL—METALLURGY

Intensifying the roasting of nickel concentrates in a fluidized bed. A. F. Asiat'ev. TSvet. met. 39 no. 5:34-37 My '66.

NICKEL—SPECTRA

Structure of the energy spectrum of electrons of nickel and certain solid solutions. I. V. Kavich. Fiz. met. i metalloved. 21 no. 4:632-634 Ap '66.

X-ray L-spectra and the structure of the 3d-band in nickel. S. A. Nemmonov, V. F. Volkov, V. S. Suetin. Fiz. met. i metalloved. 21 no. 4:529-535 Ap '66.

NICKEL—TESTING

Evaluating the deformation connected with grain boundaries in nickel specimens at high rates of tension. V. I. Ferencik. Fiz. met. i metalloved. 21 no. 4:595-599 Ap '66.

NICKEL—THERMAL PROPERTIES

Heat capacity of nickel near the Curie point. I. A. A. Kraftmakher. Fiz. tver. tela 8 no. 4:1306-1308 Ap '66.

NICKEL ALLOYS—TESTING

Resistance to deformation of EP375 and EP495 alloys. R. A. Kardonov and others. Sbor. trud. TSMICHIM no. 42:55-58 '65.

NICKEL-ALUMINUM-NIOBIUM ALLOYS—THERMAL PROPERTIES

Thermal expansion of alloys of the system Ni₃Al - Ni₃Nb. M. P. Arbutov, V. G. Chuprina. Izv. vys. ucheb. zav. i fiz. 8 no. 2:106-110 '66.

NICKEL CATALYSTS

Activity and selectivity of the effect of various composition nickel catalysts in catalytic demethylation of toluene. Neftek'

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NICKEL-IRON-MOLYBDENUM ALLOY PLATING

Effect of ultrasonics on the electrodeposition of Ni - Fe - Mo alloys. A. T. Vagamonian and others. *Elektrokhimiya* 2 no. 5:551-556 My '66.

NICKEL-MOLYBDENUM ALLOYS—METALLOGRAPHY

Character of structural transformations in a deformed Ni + 10% (at.) Mo alloy. A. N. Dubrovina, I. A. S. Uman'skii. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:140-143 '66.

NICKEL ORES—GRADING see subdivision under Chelyabinsk

NICKEL PLATING

Properties of a nickel electrolyte containing formic acid. I. A. Kh. Bakaluk, V. O. Kisilevich, L. G. Sheikhetova. *Elektrokhimiya* 2 no. 5:613-614 My '66.

NICKEL SILICATES

Reaction of nickel orthosilicate with ytterbium orthosilicate. S. A. Babalan. *Izv. AN Arm. SSR. Khim. nauki* 18 no. 5:621-622 '65.

NICOTINAMIDE

Detection of nicotinamide in the fraction of adrenal blood in dogs. V. N. Goncharova. *Probl. endok. i gorm.* 12 no. 3:78-81 My-Je '66.

NICOTINIC ACID

Structure of crystalline rare earth nicotinate. R. A. Chapakhina, E. N. Kornbleva, V. V. Serbrennikov. *Zhur. neorg. khim.* 11 no. 4:786-789 Ap '66.

NICOTINIC ACID—PHYSIOLOGICAL EFFECT

Mechanism of the hypotensive effect of ethyl ester of nicotinic acid (Nicethan). G. I. A. Sidork. *Farm. i toks.* 20 no. 2:135-136 Mr-Apr '66.

NIGERIA—PETROLEUM INDUSTRY—GOVERNMENT OWNERSHIP

Nationalize the petroleum industry is the rightful demand of petroleum workers of Nigeria. V. Khanzhenkov. *Neftianik* 10 no. 5:39-40 My '65.

NIGERIA—POLITICS AND GOVERNMENT

Nigeria under the new regime. Viktor Nilov. *Nov. vrem.* 23 no. 24:22-23 Je '66.

NIGHTSHADE—CLASSIFICATION

Classification of the Solanum L. species of the subgenus *Archaeosolanum* Bitter. I. I. Gerasimenko, S. A. Roznikova. *Bot. Glav. bot. sada* no. 59:74-77 '65.

NIGHTSHADE—VARIETIES

New Solanum L. forms of the subgenus *Archaeosolanum* Bitter. I. I. Gerasimenko. *Bot. Glav. bot. sada* no. 59:71-73 '65.

NIKITA (UKRAINE)—PLANT INTRODUCTION

Plant introduction activity of the Nikita Botanical Garden. M. A. Kochkin. *Vest. sel'khoz. nauki* 11 no. 2:139-142 F '66.

NIKOLAYEVKA REGION (ALTAI TERRITORY)—COPPER ORES

Behavior of the forms of copper during the dressing of Nikolayevskoye deposit ores. B. S. Kristoforov and others. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:20-30 '65.

NIOBIUM

Photometric determination of niobium in alloyed steels with nitrosulfofenol C. E. I. Il'chenko and others. *Zav. lab.* 32 no. 1:12-14 '66.

NIOBIUM—METALLOGRAPHY

Studying the crystal structure of niobium and vanadium at high temperatures. B. M. Vasilutskii and others. *Fiz. met. i metalloved.* 21 no. 4:620-621 Ap '66.

NIOBIUM—METALLURGY

Mal'tsev, M. V., A. I. Bakov, and V. A. Solov'ev. [Technology of the production of niobium and its alloys] *Tekhnologiya proizvodstva niobila i ego splavov*. [Moskva] Metallurgiya, 1966. 291 p.

NIOBIUM BROMIDE—MAGNETIC PROPERTIES

Magnetic susceptibility of niobium and tantalum bromides of lower valency. E. I. Krylov and others. *Zhur. neorg. khim.* 11 no. 5:1000-1003 My '66.

NIOBIUM CHLORIDES

Properties of compounds formed by tetravalent niobium tetrachloride and oxychloride with alkali metal and ammonium chlorides. I. S. Morozov, N. P. Lipatova, Zhur. neorg. khim. 11 no. 5:1018-1024 My '66.

Systems NbCl₃ - Rb (Cs) Cl. V. V. Safonov, B. G. Korshunov, T. N. Zimina. *Zhur. neorg. khim.* 11 no. 4:906-909 Ap '66.

NIOBIUM-CHROMIUM ALLOYS

Effect of chromium on the kinetics of niobium oxidation. R. F. Voitovich. *Ukr. khim. zhur.* 32 no. 5:445-448 '66.

NIOBIUM-MOLYBDENUM ALLOYS—METALLOGRAPHY

Self-diffusion of niobium in certain of its alloys with molybdenum. P. V. Gel'd and others. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:135-141 '66.

NIOBIUM OXIDES

Solubility of niobium pentoxide in fused lithium, sodium, and potassium fluoride salts. G. P. Budova, N. K. Vostresenskaya. *Zhur. neorg. khim.* 11 no. 5:1201-1205 My '66.

NIOBIUM-ZIRCONIUM ALLOYS—HEAT TREATMENT

Anomalous behavior of j_c (H, T) thermally treated alloys of Nb - 75% Zr. I. N. Goncharov, I. S. Khukhareva. *Pis'm. v red. Zhur. eksper. i teoret. fiz.* 3 no. 9:365-369 My '66.

NITRAGIN—EFFECT ON PLANTS see Plants, Effect of nitragin on

NITRATE CRYSTALS

Interaction of nitrate crystal hydrates of a series of elements. M. V. Mekhosoev, T. T. Got'manova. *Zhur. neorg. khim.* 11 no. 4:864-869 Ap '66.

NITRATES

Amperometric and indicator methods of titration of nitrates in anhydrous acetic acid. A. P. Kreshkov and others. *Zav. lab.* 32 no. 1:10-12 '66.

Electrode processes in the reduction of uranium compounds in nitric acid solutions. A. I. Stabrovskii. *Zhur. neorg. khim.* 11 no. 4:845-853 Ap '66.

Thermochemical analysis of the solvation of the nitrates of alkali and alkaline earth metals in alcohol-water solutions. G. A. Krestov, V. I. Klepov. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:34-39 '66.

NITRIC ACID

Absorption of nitrogen oxides by 65 to 70 percent strong nitric acid. G. A. Skvortsov, I. P. Kirillov, M. M. Karavaev. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:80-84 '66.

Hydrodynamic pressure in the loaded part of sliding bearings lubricated with nitric acid. L. I. Mamont, D. V. Galvits. *Khim. mashinostr.* no. 2:20-25 '65.

Purity of certain products of nitric acid manufacture. M. M. Karavaev, V. A. Zhanatalai. *Ukr. khim. zhur.* 32 no. 5:524-527 '66.

Some kinetic regularities of the process of hydroxylamine sulfate electrosynthesis. R. K. Kvaratskheliia, R. I. Agladze. *Elektrokhimiya* 2 no. 5:536-541 My '66.

Studying the formation process of 75 to 90% HNO₃. A. L. Shcherbin and others. *Zhur. prikl. khim.* 38 no. 8:1659-1663 Ag '65.

NITRILE RUBBER

Valencization of butadiene-nitrile rubber with hydrogen sulfide in the presence of di-tert-butyl peroxide introduced on zeolites. O. F. Nosnikov, H. A. Biokh. *Dop. AN URSSR* no. 4:483-487 '66.

NITRILES

α -Cyanoalkylation. Part 2: Preparation and properties of α -fluoro-substituted nitriles. P. O. Gitel', T. G. Spiridonova, A. I. Akubovich. *Zhur. ob. khim.* 36 no. 5:871-874 My '66.

α -Cyanoalkylation. Part 3: Some properties of α -fluoro-nitriles. A. I. Akubovich, P. O. Gitel'. *Zhur. ob. khim.* 36 no. 5:874-878 My '66.

NITRO COMPOUNDS

Ternary system m-dinitrobenzene - 2,4,6-trinitro-m-xylene - picric acid. O. F. Bogush. *Izv. AN SSSR, Ser. khim.* no. 5:940-941 '66.

NITROGEN

Change in the content and composition of humus and nitrogen in Chernozems of the European part of the U.S.S.R. when brought under cultivation. V. V. Lavrent'ev. *Agrokhimiya* no. 5:17-26 My '66.

Chemisorption of nitrogen on precipitated iron catalysts for ammonia synthesis. Part 2. R. V. Chesnokova and others. *Kin. i kat.* 7 no. 2:348-353 Mr-Apr '66.

Content of nitrogenous substances in acid and alkaline extracts of vetch at various phases of growing. *Trudy VNIIVS* 10:335-341 '60.

Ways of molecular nitrogen activation. I. U. G. Borod'ko, A. E. Shilov, A. A. Shteynman. *Dokl. AN SSSR* 168 no. 3: 501-504 My '66.

NITROGEN—ANALYSIS

Determination of nitrogen by the Kjeldahl method without ammonia distillation using sodium tetraphenylboron. M. P. Strukova, G. A. Fedorova. *Zhur. anal. khim.* 21 no. 4:509-511 '66.

NITROGEN—EFFECT ON PLANTS see Plants, Effect of nitrogen on

NITROGEN—FIXATION

Symbiotic nitrogen assimilation by nonleguminous plants. N. M. Shemakhanova, E. N. Mishustin. *Izv. SSSR, Ser. biol. na.* 3:393-413 My-Je '66.

NITROGEN—THERMAL PROPERTIES

Heat capacity of nitrogen near the critical point. A. V. Voronov and others. *Zhur. eksp. teor. fiz.* 50 no. 4: 904 Ap '66.

NITROGEN COMPOUNDS

Electrochemical method of producing a free radical of hexafluoroisodimethylammonium oxide. A. P. Tomilov, I. U. Sakhmurov, A. F. Vidalko. *Elektrokhimiya* 2 no. 5:593 My '66.

NITROGEN FERTILIZERS

Copper oxychloride in mixtures with urea. N. D. Rozhkova, Z. Rennaeva, A. Mel'shkevich. *Zashch. rast.* 11 no. 1:66.

NITROGEN-FIXING MICRO-ORGANISMS see Micro-organisms, Nitrogen-fixing

NITROGEN IN THE BODY

Analysis of the dynamics of nitrogen saturation in white mice under increased air pressure. V. A. Aver'yanov, G. M. Zarakovskii. *Pat. fiziol. i eksp. terap.* 10 no. 86-87 Mr-Apr '66.

NITROGEN METABOLISM

Nitrogen metabolism of the brain in rats under the effect of impulse accelerations. Z. S. Gershenevich and others. *Vop. med. khim.* 12 no. 3:262-265 My-Je '66.

NITROGEN ORGANIC COMPOUNDS see Organonitrogen compounds

NITROGEN OXIDES

Absorption of nitrogen oxides by 65 to 70 percent strong nitric acid. G. A. Skvortsov, I. P. Kirillov, M. M. Karavaev. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:80-84 '66.

Absorption of nitrogen oxides by sulfuric acid. A. N. Iln, K. E. Romanenko. *Izv. vys. ucheb. zav.; khim. i tekhn.* 9 no. 1:85-88 '66.

NITROPARAFFINS

Action of acylating agents on 1,1-dinitroalkane salts. L. A. Ustyulnik, S. A. Shvelev, A. A. Faltzliberg. *Izv. AN SSSR, Ser. khim.* no. 5:930-932 '66.

Nitroparaffins as fuel for automobile engines. D. M. Aronov, V. A. Zaitsev, M. O. Lerner. *Eksp. i tekhn. aviat. i prim. aviat. top. i smaz. mat. i spetsial. nauch. issled.* no. 25-28 '66.

NITROSOMONAS—CULTURES AND CULTURE MEDIA

Growth of pure *Nitrosomonas* europaea cultures. V. Ermachenko and others. *Izv. AN SSSR, Ser. biol. na.* 3:414-423 My-Je '66.

Quantitative determination of cytochromes in *Nitrosomonas europaea*. V. A. Ermachenko, L. I. Lisenkova, A. B. Lozinov. *Mikrobiologiya* 35 no. 2:242-248 Mr-Apr '66.

NITROUS ACID

Kinetics of hydrazine oxidation by nitrous acid. V. S. Koltunov, V. I. Marchenko. *Kin. i kat.* 7 no. 2:224 Mr-Apr '66.

NIZAMI, GANJAWI, 11417-1203 ?

False interpretations of Nizami's philosophy. A. O. Makovetskii. *Izv. AN Azerb. SSR, Ser. obshchestv. nauk* no. 6:118-122 '65.

NODES OF RANVIER

Comparison of changes in the electrical activity of a Ranvier's node following increase in the potassium concentration in the medium and the effect of novocaine. V. I. Bellaev. *Biol. eksp. biol. i med.* 58 no. 12:113-114 '64.

NOGINSK (MOSCOW PROVINCE)—KINDERGARTEN

Kindergartens of Noginsk. E. Luzina and others. *Izv. vosp.* 39 no. 4:88-100 Ap '66.

Noble vocation. N. Pashkova. *Dokl. vosp.* 39 no. 101-104 Ap '66.

NOISE CONTROL

Efficiency of the use of individual protection devices against noise in the weaving rooms. M. I. Krasitskiy, V. G. Pushkarskii. *Tekst. prom.* 20 no. 5:32 My '66.

Noiseproof ear caps. A. I. Vozzhova, G. I. Petrov. *Sudostroenie* 56 no. 3:65-67 Mr '66.

NUCLEAR MAGNETIC RESONANCE

Effect of domain boundaries on the nuclear magnetic resonance in antiferromagnetic materials. M.M. Farzudinov. *Fiz. met. i metalloved.* 21 no. 4:487-495 Ap '66.

Magnetic resonance in $RbNiF_3$ single crystals. E.I. Golovchits, A.G. Gurevich, V.A. Sanina. *Pis'ma v zh. ekspt. i teoret. fiz.* 3 no. 10:408-410 My '66.

Nuclear magnetic resonance in carbon-13. Part 2. Use of the time-sharing method. Nuclear magnetic resonance spectra of carbon-13 at high temperatures. E. Lippmaa and others. *Izv. AN Est. SSR. Ser. fiz. i mat. i tekhn. nauk* 15 no. 1:58-63 '66.

Paramagnetic shifts in the nuclear magnetic resonance spectra of some NN-dialkyl dithiocarbamates and Fe(III) alkyl xanthogens. E.E. Zaev, S.V. Lartionov, I.U. Molin. *Dokl. AN SSSR* 163 no. 2:341-343 My '66.

Pulse method for studying high-resolution spectra of nuclear magnetic double resonance. E. Lippmaa. *Izv. AN Est. SSR. Ser. fiz. i mat. i tekhn. nauk* 15 no. 1: 51-57 '66.

Study of the polymerization of methyl methacrylate in the presence of halonitroperoxide compounds by spin echo technique. V.P. Prokopiev and others. *Vysokom. soed.* 8 no. 5:787-789 My '66.

Use of the pulse nuclear magnetic resonance method in studying the internal movements in certain solids. A.G. Akhmedov, R.A. Dautov, G.T. Petrov. *Fiz. tver. tela* 8 no. 3:850-861 Mr '66.

Weak perturbing radio-frequency field effects in nuclear magnetic double resonance. Part 3. V. Sinicev, E. Lippmaa. *Izv. AN Est. SSR. Ser. fiz. i mat. i tekhn. nauk* 15 no. 1:64-75 '66.

NUCLEAR PHYSICS—STUDY AND TEACHING

Nuclear physics in a school course. O.F. Kahardina. *Izv. APN* no. 141:128-131 '65.

NUCLEAR REACTIONS

Chemical effects of the reaction $^{118}Sn(n, \gamma)^{119m}Sn$ and stabilization forms of ^{119m}Sn in tin dioxide. A.N. Nosmetanov and others. *Radiochimia* 8 no. 2:251-264 '66.

Mössbauer effect used in studying the stabilization forms of tin-119m recoil atoms in tin oxide. A.N. Nosmetanov and others. *Radiochimia* 8 no. 2:264-265 '66.

NUCLEAR REACTORS—SHIELDING (RADIATION)

Broder, D.L., and others. [Concrete in nuclear power plant shielding] *Beton v zashchite iadernykh ustanovok.* Moskva, Atomizdat, 1966. 238 p.

NUCLEAR REACTORS—THERMAL PROPERTIES

Selecting average heat flux on the surface of the fuel element of a water-moderated reactor. G.V. Ul'fakii. *Inzh. -fiz. zhur.* 10 no. 5:613-619 My '66.

NUCLEAR SPIN

Free induction signal in "exchange pairs." R.V. Shubina. *Zhur. eksp. teor. fiz.* 50 no. 4:936-942 Ap '66.

Phenomenological calculation of the probabilities of spin-lattice relaxation of Cr^{3+} ions in corundum. D.N. Vylegzhanin. *Fiz. tver. tela* 8 no. 4:139-171 Ap '66.

NUCLEI, ATOMIC

Interaction of nuclei with light hypernuclei. N.N. Kolesnikov, R.V. Vedrinskii. *Izv. vys. ucheb. zav. i fiz.* 9 no. 2:25-31 '66.

... and the properties of N.N. Kolesnikov, A.P. ; *fiz.* 9 no. 2:31-42 '66.

... atory hypertrophy of ul. eksp. biol. i med.

... biosynthesis of protein human laryngeal cancer 3, Gorbacheva, N.M. 14-56 '66.

... acids during the develop- ies producing griseofulvin arkovitch, M.A. Malkov. p '66.

... acids. Influence of : of hydroxylaminolysis . K. Kochetkov, E.I. okl. AN SSSR 168 no. 1:

DNA obtained from cell nuclei. T.B. okl. AN SSSR 168 no. 3:

hold tissue following eated typhoid vaccine. lin. *Blul. eksp. biol. i*

Effect of auranin on the synthesis of nucleic acids of cerebral tumors in mice. M.Sh. Promyslov, L.I. Levchenko, N.G. Lazareva. *Vop. neirokhir.* 30 no. 2: 53-56 Mr-Apr '66.

Effect of growth promoting substance of petroleum origin and gibberellin on the ribonucleic acid content in cotton leaves. M.A. Ali-zade, S.I. Shafi-zade. *Dokl. AN Azerb. SSR* 21 no. 12:40-43 '65.

Effect of the RNA from normal tissues on the growth of transplanted tumors. N.N. Akseanova and others. *TSitologiya* 6 no. 4:499-501 Ji-Ag '64.

Effect of X-ray irradiation on the synthesis of messenger RNA in the early embryogenesis of larch. K.A. Kafiani and others. *Biokhimiya* 31 no. 2:365-371 Mr-Apr '66.

Kinetics of the addition of water-soluble carbodiimide to nucleotides and transfer RNA. D.G. Knorre and others. *Biokhimiya* 31 no. 2:334-341 Mr-Apr '66.

Mechanism of the mutagenic action of 5-bromouracil. Report No. 1: Chromatographic analysis of the ribonucleic acid of *Salmonella typhimurium* 70, grown in the presence of 5-bromouracil. V.N. Pokrovskii. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:51-53 Ji '64.

Nucleotide composition of deoxyribonucleic acid in bacteria of the *Pasteurella* genus. M.L. Bekker, A.Z. Kutsemakina. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:84-86 Ap '66.

Photocolorimetric method of quantitative determination of pyronine bound by ribonucleic acid. A.M. Golubev, E.L. Golubeva. *Arkht. pat.* 28 no. 4:80-82 '66.

Rectification of the 113-thymidine label of DNA by the cells of mouse adrenal glands under stress. M.I. Nekhtil'dova. *Probl. endok. i gorm.* 12 no. 3:81-87 My-Je '66.

Slow isotopic hydrogen exchange in DNA of the T2 phage. L.A. Osterman and others. *Biokhimiya* 31 no. 2:399-401 Mr-Apr '66.

Specificity of DNA-methylase in the cells of *Escherichia coli* B, infected with phage T2. B. B. Khesin, E.S. Bogdanova. *Biokhimiya* 31 no. 2:405-414 Mr-Apr '66.

Study of DNA denaturation process by the chloroform precipitation method. T.I. Tikhonenko, G.A. Perever-tailo, S.P. Vorotilo. *Biokhimiya* 31 no. 2:227-233 Mr-Apr '66.

Study of the shape and dimensions of molecules of transfer RNA by X-ray dispersion at small angles. V.G. Tumanian, N.G. Eslova, L.L. Kiselev. *Dokl. AN SSSR* 166 no. 1:211-214 My '66.

Synthesis of organ-specific liver antigens by transplanted rat lymphosarcoma cells under the influence of the rat liver RNA. T.N. Kopylova-Sviridova and others. *TSitologiya* 6 no. 4:501-504 Ji-Ag '64.

NUCLEOPROTEINS

Reconstruction of biologically active ribosomes from protein-poor ribonucleoprotein particles and ribosomal protein. A.S. Spirin and others. *Biokhimiya* 31 no. 2: 424-430 Mr-Apr '66.

NUCLEOTIDES

Kinetics of the addition of water-soluble carbodiimide to nucleotides and transfer RNA. D.G. Knorre and others. *Biokhimiya* 31 no. 2:334-341 Mr-Apr '66.

Nucleotide composition of deoxyribonucleic acid in bacteria of the *Pasteurella* genus. M.L. Bekker, A.Z. Kutsemakina. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:84-86 Ap '66.

Nucleotides, coenzymes, phosphoric esters. Part 10: Single-product synthesis of flavine mononucleotide from riboflavin via its phosphoamides. R.V. Artemkina, V.M. Berezovskii. *Zhur. ob. khim.* 35 no. 5:823-828 My '66.

NUCLEUS (CELLS) see Cell nuclei

NUKHA (AZERBAIJAN)—MEDICAL STATISTICS

General incidence of disease among the population of Nukha. A.A. Akhmedov. *Azerb. med. zhur.* 41 no. 6: 58-65 Je '64.

NUMBERS, THEORY OF

Borodin, O.I. [History of the evolution of the number concept and number system] *Istorika razvitiya konlat-ta pro chyslo i systemy chysleniya.* Kyiv, Radnashka shkola, 1963. 87 p.

Hyperelliptic curves and the least prime quadratic residue. A.I. Vinogradov, I.U. V. Linik. *Dokl. AN SSSR* 168 no. 2:259-261 My '66.

Nontrivial constructive mappings of certain sets. V.A. Shurygin. *Dokl. AN SSSR* 168 no. 1:40-42 My '66.

Solution to the Hardy - Littlewood problem and its indefinite analogue in sectors and contours. A.A. Pollanskii. *Dokl. AN SSSR* 168 no. 1:25-27 My '66.

NUMERICAL ROOTS see Roots, Numerical

NUMMULITES, FOSSIL see subdivision under Azer-baijan

NURSERIES

Large-panel buildings for kindergarten and nursery. G. Lebedev, A. Platkovskii. *Stroitel' arkh.* 14 no. 4: 10-12 Ap '66.

NUTRITION

Effect of qualitatively varied nutrition and of penicillin injections on the bile secretion level in dogs. T.I. Kudnova. *Vop. pit.* 23 no. 4:31-38 Ji-Ag '64.

NYLON

Removal of low molecular compounds from polyacrya-mide melts. E.F. Kuzina and others. *Khim. volok.* no. 3:30-32 '66.

Using capron wastes in repairing. Sh.B. Tellesani, L.I. Lerman. *Prom. Bud.* 9 no. 1:44 Ja '66.

NYLON—TESTING

Mechanical and thermomechanical properties of fibers cross-linked by sulfur chloride. L.G. Smolnikova, A.A. Konkin. *Khim. volok.* no. 3:21-23 '66.

NYROB REGION (PERM PROVINCE)—CAVES

Largest karst cave of the Urals. A.G. Chikhaev. *Trudy MOIP* 18:229-236 '66.

NYSTAGMUS

Changes in optokinetic nystagmus following labyrinthecto-my. V.P. Neverov. *Fiziol. zhur.* 50 no. 9:1075-1082 S '64.

Physiology of nystagmus. V.A. Kislakov. *Fiziol. zhur.* 50 no. 9:1073-1078 S '64.

OAK see subdivision under Central Chornozem Pre-serve; Kazakhstan

OAK—DISEASES AND PESTS

(see also subdivision under Moldavia)

Oak procession moth. S. Logoida, G. Beshent. *Zashch. rast.* 11 no. 5:45-46 '66.

OATS

Enrichment of seeds with molybdenum before sowing. K.A. Vasil'eva. *Uch. zap. Viteb. vet. inst.* 18:103-104 '64.

OATS—TOXICOLOGY

Clinical and pathomorphological data of the poisoning of horses with germinated oats. G.I. Matushkin. *Trudy VNIIVS* 16:407-414 '66.

OB' RIVER—ROACH (FISH)

Ecological and geographical variability of the fish of the roach. A.A. Arzubeva-Kulikova. *Uch. zap.* 14:11 21:106-119 '64.

OB' VALLEY—FOREST ECOLOGY

Productivity of grass stands of the Ob' Valley forest plant communities. L.A. Ignat'eva. *Bot. zhur.* 51 no. 7:135-209 P '66.

OBSIDIAN—THERMAL PROPERTIES

Studying the kinetics of thermal pore formation in obsidian by experimental design. I.U. P. Adler, A.I. Kosh-vargov. *Zav. lab.* 32 no. 1:59-61 '66.

OBSTETRIC FORCEPS see Forceps, Obstetric

OCCUPATIONAL DISEASES

(see also subdivision under Moscow)

Ballistocardiographic data in the evaluation of the func-tional state of the heart in workers in hot workshops. H. I. Bisk. *Sov. med.* 28 no. 9:137-141 S '64.

OCCUPATIONAL THERAPY

Organization and effectiveness of the work regimen dur-ing the period of treatment of tuberculosis patients. Sh.R. Topchlev. *Probl. tub.* 42 no. 6:3-8 '64.

OCCUPATIONS

For us all... V.I. Iagushkin and others. *Samizdat shkola* 21 no. 4:22-24 Ap '66.

OCEAN

Antiquity of the ocean and the significance of the history of marine fauna in the solution of this problem. E.A. Zenkevich. *Okeanologiya* 6 no. 2:195-207 '66.

OCEAN BOTTOM

Heat flow at the bottom of a water area. I.A. D. Sinit'skiy. *Dokl. AN SSSR* 168 no. 2:428-431 My '66.

OCEAN CURRENTS

(see also subdivision under Atlantic Ocean; Black Sea)

Geostrophic currents. V.F. Kozlov. *Okeanologiya* 6 no. 2:203-216 '66.

Maximum velocity of a wind current in the surface layer and phenomena in the contact zone. G.S. Baidakov. *Okeanologiya* 6 no. 2:217-220 '66.

OCEAN CURRENTS—MEASUREMENT

Comparison of readings of various current meters. S.I. Dem'tanov, S.I. Stepanov. *Okeanologiya* 6 no. 2:214-235 '66.

OCEAN WAVES

Determining the heights of wind waves by single perspective aerial photographs. V.G.Zdanovich, I.U.D.Sharikov. *Okeanologiya* 6 no.2:360-366 '66.
Semiempirical theory of the loss of speed of seagoing vessels in waves. I.D.Andreev. *Inform. zhur. TSNIIMF* no. 116. *Sudovozh. i svyaz'* no. 33:13-16 '66.

OCEANOGRAPHIC INSTRUMENTS

Moscow. Gosudarstvennyi okeanograficheskii institut. [Setup of oceanographic instruments for self-contained work at sea] *Postanovka okeanograficheskikh priborov na avtonomnuyu rabotu v more*. Leningrad, Gidrometeoizdat, 1963. 73 p. (Ils. *Metodicheskie ukazaniya*, no. 21)

OCEANOGRAPHIC RESEARCH

(See also subdivision under Cuba; Mexico, Gulf of)
Investigators of the ocean. V.Rezen. *Nov. vrem.* 23 no.24:20-29 Je '66.

OCEANOGRAPHIC RESEARCH SHIPS

In the name of science. *Mor. flot* 26 no.4:8-9 Ap '66.

OCEANOGRAPHY

(See also subdivision under Caspian Sea)

Egorov, N.I. [Physical oceanography] *Fizicheskaya okeanografiya*. Leningrad, Gidrometeoizdat, 1966. 393 p.

More on wave breakdown in shallow waters. V.V. Shuleikin. *Dokl. AN SSSR* 168 no.3:573-576 My '66.

Steady wind circulation in a homogeneous ocean. A.I. Fel'zenbaum, N.B.Shapiro. *Dokl. AN SSSR* 168 no.3: 569-572 My '66.

ODESSA—HEALTH RESORTS, WATERING PLACES, ETC.

Sovetov, V.N. [Health resorts of Odessa; a brief manual] *Kurorty Odessy; kratkii spravochnik*. Odessa, Maluk, 1960. 40 p. (Ils.)

ODESSA PROVINCE—BRONZE AGE

Archaeological monuments found during the excavations of 1961-1963 in a late Bronze Age layer of the ancient settlement in a suburb of Bolgrad. I.T. Cherniakov. *Krat. soob. Inst. arkheol.* no.106:99-105 '66.

ODESSA PROVINCE—CHERNOZEM SOILS

Effect of various methods of tillage on the microflora of the southern Chernozems in Odessa Province. I.I. Zakhediakina, E.R.Kalenik. *Mikrobiol. zhur.* 28 no.3:37-43 '66.

ODESSA PROVINCE—COMMUNITY CENTERS

The needs of rural clubs. N.Izbasin. *Part. zhizn'* no.11:55-57 Je '66.

ODESSA PROVINCE—SOIL MICRO-ORGANISMS

Effect of various methods of tillage on the microflora of the southern Chernozems in Odessa Province. I.I. Zakhediakina, E.R.Kalenik. *Mikrobiol. zhur.* 28 no.3:37-43 '66.

ODESSA PROVINCE—STATE FARMS—MANAGEMENT

Concentration of vegetable gardening and the size of dairy and vegetable growing state farms. B.Nehrl. *Ekon. Rad. Ukr.* 9 no.4:71-74 Ap '66.

ODESSA PROVINCE—VEGETABLE GARDENING

Concentration of vegetable gardening and the size of dairy and vegetable growing state farms. B.Nehrl. *Ekon. Rad. Ukr.* 9 no.4:71-74 Ap '66.

OFFICE BUILDINGS—DESIGN AND CONSTRUCTION

Office and employees' buildings of industrial enterprises constructed from three-dimensional elements. N.Plekhorov and others. *Prom. stroit. i inzh. soor.* 5 no.6:9-13 N-D '66.

OFFICE EQUIPMENT AND SUPPLIES

Exhibition "Means of mechanization of engineering and management work." *NTO* 0 no.5:41 My '66.

OGINSKI, MICHAL KLEOFAS, 1765-1833

Immortal polonaise. Gennadii Pozhidnev. *Sov. voln* 47 no.10:32 S '66.

OIL FIELD BRINES

(See also subdivision under Daghestan; Karadag region, Azerbaijan)

Importance for prospecting operations of nitrogen salts in waters of the supergene zone as indicators of the presence of petroleum. L.N.Kapchonko. *Geol. nefit i gazu* 10 no.5:26-29 My '66.

OIL FIELD FLOODING

Rupture of the oil film on solid surfaces. A.B. Tumastan. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no.6:55-57 '64.

Temperature distribution in the layer when flooding oil with hot liquid. M.T.Abasov, A.A.Abasov. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no.3:141-146 '64.

OIL FIELDS

In old areas. E.Grigorian. *Neftianik* 10 no.5:23 My '65.

OIL FIELDS—EQUIPMENT AND SUPPLIES

Enikeev, V.R. [Practical manual for oil-field equipment operators] *Prakticheskoe posobie dlia operatorov po dobyche nefli*. Moskva, Nedra, 1955. 306 p.
Use of gas in well drilling. A.Nagornyi. *Neftianik* 10 no.8:27-28 Ag '65.

OIL HYDRAULIC MACHINERY

Efficiency of N-4 pumps with emulsion as working fluid at the OMKT pumping station. O.P.Fadeev, I.U.N.Kazak, I.U.V.Skvortsov. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no.4:94-97 '65.
Hydraulic transmissions and hydropneumatic automation in machinery manufacture. M.M.Valdaev, G.M.Shechinskii. *Sudostroenie* no.9:66 S '65.
Influence of the crushing effect on frequency characteristics of a displacement hydraulic drive. V.N.Prokof'ev, B.P.Borisov. *Izv. vys. ucheb. zav.; mashinostr.* no.2: 76-83 '66.

OIL INDUSTRIES

Conditions for reducing electric power consumption in grinding. K.E.Leont'evskii, L.A.D'jakonov. *Masl. -zhir. prom.* 32 no.4:8-11 Ap '66.

The resolutions of the 23d Congress of the CPSU are a combat program of action. *Masl. -zhir. prom.* 32 no.4:1-3 Ap '66.

Some results of the work of the oils and fats industry of the U.S.S.R. during the seven-year plan. F.N. Mityevich, L.L.Razgon. *Masl. -zhir. prom.* 32 no.4: 30-35 Ap '66.

Tovbin, I.M., and E.E.Fainberg. [Technological design and planning of oils and fats processing enterprises; oil splitting and production of glycerin, Glycerin distillation. Distillation and rectification of fatty acids. Production of household and toilet soap. Production of synthetic washing powders. Production of margarine, culinary and confectionery oils and fats] *Tekhnologicheskoe proektirovanie zhiropererabatyvalushchikh predpriyatii; rasshechepenie zhirov i polucheniye gitsorina. Distillatsiya gitsorina. Distillatsiya i rektifikatsiya zhirnykh kiselot. Proizvodstvo khozliaistvennogo i tsel'nogo myla. Proizvodstvo sinteticheskikh molyuschikh poroshkov. Proizvodstvo margarina, kulinarnykh i konditeraskikh zhirov*. Pod red. A.L.Markmana. Moskva, Pishchevala promyshlennost', 1965. 515 p.

OIL INDUSTRIES—BY-PRODUCTS

Using the pressless method in the production of low iodine content industrial stearic acid. M.S.Levit, N.D.Klochko. *Masl. -zhir. prom.* 32 no.4:22-25 Ap '66.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Device for the separation of fatty acids and acid waters. V.G.Kulazev, I.U.V.Viktorov, A.B.Krasit'nikov. *Masl. -zhir. prom.* 32 no.4:41 Ap '66.

OIL INDUSTRIES—SAFETY MEASURES

Gas analyzer and indicator systems. V.V.Dukharin. *Masl. -zhir. prom.* 32 no.4:39-40 Ap '66.
Some dangerously explosive properties of the petroleum fraction used for fat and oil extraction. V.M.Bocharnikov. *Masl. -zhir. prom.* 32 no.4:4-8 Ap '66.

OIL POLLUTION OF RIVERS, HARBORS, ETC.

Brusel'ntskii, I.U.M. [Ship device for the removal of petroleum products from blige and ballast waters] *Sudovye ustroistva ocheniki triumno-ballastnykh vod ot nefteproduktov*. [Leningrad] Sudostroenie, 1966. 201 p.

OIL RESERVOIR ENGINEERING

(See also subdivision under Pomashkino Oil Field)
Study of the unsteady flow of thinned oil. M.T.Abasov, A.M.Kuliev. *Dokl. AN Azerb. SSR* 21 no.12:11-14 '65.
Thermoelectric action on depleted oil reservoirs. M.A. Bagirov. *Za tekhn. prog.* 4 no.3:16-18 Mr '64.

OIL SANDS—PERMEABILITY

Studying the effect of the permeability variations of an interlayer on return flow. K.I.Kuliev. *Azerb. nefit. khoz.* 45 no.4:23-26 Ap '66.

OIL SHALES

Oxidizing decomposition of kerogen in dictyonema shale by alkaline potassium permanganate. Part 3. V.Eruslanov, A.Fornina. *Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk* 16 no.1:106-112 '66.

OIL SHALES—THERMAL PROPERTIES see subdivision under Estonia

OCEANOGRAPHIC RESEARCH—CONGRESSES

Problems of the world ocean. *Vop. ekon.* no.4:155 Ap '66.

OIL WELL CASING

Potentials for reducing the amount of metal in well casings. S.M.Kuliev, M.A.Guseinov, A.A.Alekperov. *Azerb. nefit. khoz.* 45 no.4:13-15 Ap '66.

Technical and economic effectiveness of strengthening wells by casings with welded joints. V.A.Shein, D.V.Zemlanina, N.A.Sidorov. *Neft. khoz.* 44 no.4:23-26 Ap '66.

OIL WELL CEMENTING

(See also subdivision under Tatar A.S.S.R.)

Logvinenko, S.V. [Equipment and techniques of oil well cementing] *Tekhnika i tekhnologiya tsementirovaniya skvazhin*. Moskva, Nedra, 1965. 286 p.

Some problems of the hydraulics of well cementing. L.N.Shadrin, E.M.Solov'ev. *Trudy MINKHIGP* no.60: 69-76 '66.

OIL WELL COMPLETION

Fishing of casings from depleted wells. V.Derkach. *Neftianik* 11 no.5:26-28 My '66.

OIL WELL DRILLING

(See also subdivision under Bashkiria; Kashka-Darya Province; Kazakhstan; Perm Province)

Calculating critical loads affecting drill columns and critical lengths corresponding to these loads. N.G. Sereda, N.V.Chernoglasov, B.A.Nikitin. *Trudy MINKHIGP* no.60:36-39 '66.

Certain problems of modeling the impact in the investigation of the operation of hydraulic impact drilling machinery. A.IA.Volpert. *Trudy MINKHIGP* no.60:162-166 '66.

Certain problems of percussive-rotary drilling using hydraulic impact machinery. E.F.Epshtein, V.F.Sirik, I.U.D.Bessonov. *Trudy MINKHIGP* no.60:175-180 '66.

Effect of various bottom hole scavenging methods on drilling efficiency. O.V.Zora. *Trudy MINKHIGP* no.60:40-45 '66.

Elastic waves in a drill column and the dynamics of its interaction with a flat well bottom not subject to deformation. P.V.Balitskii. *Trudy MINKHIGP* no.60:8-17 '66.

Kuma oil well drillers are the winners of the all-Russian competition. A.Rep'ev. *Neftianik* 10 no.5:9 My '65.
Ovcharenko, F.D., and others. [Polygorskite in drilling] *Polygorskite v burenii*. Kiev, Tekhnika, 1966. 156 p.

The projected mark is 15,000 meters; on the present status of the problem of drilling superdeep wells. A.Perrchik. *Neftianik* 10 no.5:10-19 My '65.

Rapid drilling and the scientific organization of work. A.Smirnov. *Neftianik* 10 no.8:24-26 Ag '65.

Results of the all-Union competition of drilling and rig assembly crews. A.Rep'ev. *Neftianik* 10 no.4:12-14 Ap '65.

Rigidity of tooth-rock couple. P.V.Balitskii. *Trudy MINKHIGP* no.60:3-7 '66.

Thermal stresses around boreholes in the process of the development of oil fields. M.A.Aliev, A.F.Kasimov, I.M.Museev. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no.4:67-72 '65.

Using h-p jets for tapping deep wells. I.U.Sh.Stepol. *Neft. khoz.* 44 no.4:40-43 Ap '66.

OIL WELL DRILLING—ACCOUNTING

Improve the business accounting of drilling crews. V.Belokopytov, S.Vitukhin, A.Perehnik. *Neftianik* 11 no.5:22-24 My '66.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Investigating the fatigue and corrosion fatigue resistance of light alloys in connection with drill pipes. G.M. Sarkisov, F.K.Somagin. *Mash. i nefit. obor.* no.4:17-19 '66.

S.Avilov's and F.Guseinov's set of attachments. *Neftianik* 11 no.5:29-30 My '66.

Spiral longitudinal bend of drill pipes in a well. I.K. Malorov. *Neft. khoz.* 44 no.4:28-32 Ap '66.

Way to a record. S.Vitukhin. *Neftianik* 10 no.8:5-7 Ag '65.

OIL WELL DRILLING, ELECTRIC

Experience in using diamond bits in drilling with E-170 electric drills. T.Potapov, I.Dunin. *Neftianik* 10 no.6:30-31 Ag '65.

OIL WELL DRILLING, ELECTRIC—EQUIPMENT AND SUPPLIES

Nonsteady regimes of the operation of asynchronous motors of electric drills. F.A.Mamedov, T.I. Agalarov. *Azerb. nefit. khoz.* 45 no.4:41-43 Ap '66.

- OIL WELL DRILLING, SUBMARINE** see subdivision under Caspian Sea
- OIL WELL DRILLING FLUIDS** see Drilling muds
- OIL WELL DRILLING RIGS**
(see also subdivision under Aznakeyev region, Tatar A.S.S.R.; Taymazy Oil Field)
Design analysis and development of proposals for the standardization of three-cone caseless drilling bits. A. A. Khalilov. *Khim. i nef. mashinostr.* no. 3:33-42 Mr '66.
Dynamic processes in a rig hoisting mechanism. A. L. It'skii, Ion Vlad. *Trudy MINKHIGP* no. 60:125-141 '66.
Economics in rig construction. M. Valeev. *Neftianik* 10 no. 4:32-33 Ap '66.
Efficient method of local protection of the drilling bit shanks against gas case-hardening effect. K. T. Aliev, R. A. Akopov. *Khim. i nef. mashinostr.* no. 3:43-45 Mr '66.
Results of the all-Union competition of drilling and rig assembly crews. A. Rep'ev. *Neftianik* 10 no. 4:12-14 Ap '66.
- OIL WELL DRILLING RIGS—ELECTRIC EQUIPMENT**
Present status of electrical drilling rig equipment. S. G. Blanter, I. U. S. Zhukov, I. I. Sud. *Trudy MINKHIGP* no. 60:142-161 '66.
- OIL WELL DRILLING RIGS—TRANSMISSION DEVICES**
Coupling of the power shafts of drilling units by means of a pneumatic band clutch. A. A. Antonov. *Khim. i nef. mashinostr.* no. 3:20-23 Mr '66.
- OIL WELL LOGGING** see subdivision under Azerbaijan
- OIL WELL PUMPS**
(see also subdivision under Bashkiria)
Quality of the manufacture of hydraulic part elements of U6-3 and U8-4 drilling pumps. S. G. Babaev, I. V. Shlimak, V. G. Stepaniants. *Khim. i nef. mashinostr.* no. 3:34-37 Mr '66.
Some structural characteristics of the NGM2T nonh-sealed deep-well pumps with tubular rods. F. F. Kobzev, E. M. Rustamov. *Za tekhn. prog.* 4 no. 3:26-30 Mr '66.
- OIL WELL PUMPS—HYDRAULIC DRIVE**
Mechanism of the control of the distribution valve of the hydraulically driven slush pump of the diaphragm type. V. S. Kugelev. *Trudy MINKHIGP* no. 60:120-124 '66.
- OIL WELL PUMPS—PARTS**
Investigating technological characteristics of the honing process of deep-well pump bushings. N. K. Mamedkhanov. *Za tekhn. prog.* 4 no. 3:21-26 Mr '66.
- OIL WELLS**
Abandoned wells return to operation. N. Gar'kov. *Neftianik* 11 no. 5:20-22 My '66.
Adsorption and proportioning of oil-soluble surface active substances in the development of the zone around a well bore. R. A. Musaev, I. I. Kravchenko, G. A. Babalian. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 4:80-85 '66.
Concerning a method of processing experimental well data. B. A. Bogachev, N. D. Kaptelev. *Neft. khoz.* 44 no. 4:52-54 Ap '66.
Effect of the quantity and quality of connate water on the oil recovery and relative penetrability of reservoirs. A. A. Abdullaeva, N. D. Tatrov. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 4:90-96 '66.
Effectiveness of a uniform pattern of well spacing. V. D. Lysenko, E. D. Mukharskii. *Neft. khoz.* 44 no. 4:36-39 Ap '66.
Prolonging the period of well operation between repairs. A. I. Medvedev. *Neftianik* 10 no. 5:27 My '66.
- OIL WELLS—EQUIPMENT AND SUPPLIES**
Always searching. Nuralt Magomedov. *Neftianik* 10 no. 5:15 My '66.
Experimental investigation of stresses in preventer casings. V. A. Markarian. *Za tekhn. prog.* 4 no. 12:27-28 D '64.
Organize labor, eliminate idleness in the underground repair of wells. T. Abramian. *Neftianik* 10 no. 5:26-27 My '66.
- OIL WELLS—FIRES AND FIRE PREVENTION** see subdivision under Krasnodar Territory
- OIL WELLS—MAINTENANCE AND REPAIR** see subdivision under Karadag Oil Field
- OILS AND FATS**
Combined production line for continuous oil refining. L. N. Gening and others. *Masl. i zhir. prom.* 32 no. 4:16-17 Ap '66.
Filtration of hydrogenated fats in hermetic filter presses. B. N. Chubinko. *Masl. i zhir. prom.* 32 no. 4:37-38 Ap '66.
- Polymerization taking place during oil and fat hydrogenation and its causes. B. N. Tiutunikov, I. V. Bogdan. *Masl. i zhir. prom.* 32 no. 4:12-14 Ap '66.
- OILS AND FATS—ANALYSIS**
Determination of antioxidants and their chromatographic separation. B. Sedlachek. *Vop. pit.* 23 no. 4:8-13 Ji-Ag '64.
- OILSEED INDUSTRY—INDUSTRIAL CAPACITY** see subdivision under Uzbekistan
- ointments**
Use of askanool and cherkaskol for the preparation of emulsion-type ointments and of complex dispersed systems and their concentrates. I. A. Murayev, M. A. Zhakova. *Apt. delo* 15 no. 2:29-33 Mr-Ap '66.
- ointments—PRESERVATION**
Selecting the preservatives for cosmetic creams containing extracts of medicinal herbs. E. V. Red'ko, M. M. Bolarskaia, Z. I. Aleshina. *Masl. i zhir. prom.* 32 no. 4:43-44 Ap '66.
- OKA VALLEY—ANTIQUITIES**
Archaeological monuments of the L'yalevo cultural type in the Volga-Oka interfluvium. V. P. Tret'yakov. *Krat. soob. Inst. arkheol.* no. 106:11-15 '66.
- OLD AGE**
Age-related changes in the upper respiratory tract in persons of 100 years of age and older. G. M. Magomedov. *Trudy MOIP, Otd. biol.* 17:111-116 '66.
- OLD AGE PENSIONS**
Payment of old-age pensions. S. Smirnov. *Sot. obshch.* 41 no. 5:57-59 My '66.
- OLEANDOMYCIN—PHYSIOLOGICAL EFFECT**
Effect of oleandomycin phosphate on the secretory and enzymatic function of the intestine. G. G. Egorenko. *Antibiotiki* 11 no. 4:351-354 Ap '66.
- OLEFINS**
Carbalkoxylation reactions: Part 2: Hydrocarbomethoxylation of some olefins and cycloolefins by means of formic acid. M. B. Ordian, T. A. Kani, I. A. T. Eldes. *Izv. AN Arm. SSR, Khim. nauki* 18 no. 6:578-584 '65.
Mechanism of hydrogenation of olefins with a quaternary carbon atom at a double bond. I. V. Podrikov, Z. S. Smolian. *Usp. khim.* 35 no. 5:853-880 My '66.
Obtaining higher α -olefins by high speed contact cracking of paraffin petroleum derivatives. A. M. Brodskii and others. *Neftkhemia* 4 no. 6:880-887 N-D '64.
Ozonides of normal α -olefins. A. T. Menalilo, M. V. Pospelov, A. I. Shekuteva. *Neftkhemia* 4 no. 6:894-898 N-D '64.
Practicability of producing and refining lower olefins in large petroleum refineries. D. I. A. Andreev, N. I. Riashanova. *Neftoper. i neftekhim.* no. 5:30-33 '66.
- OLEFINS—TOXICOLOGY**
Experimental analysis of the permissible limit concentrations of ethylene, propylene, butylene and isobutylene in the water of reservoirs. G. F. Amirkhanova, Z. V. Latypova, R. B. Tupeeva. *San. okhr. vod. i zagr. prom. stoch. vod.* no. 7:28-40 '65.
- OLEORESINS**
Role of oleoresin exudation in the pine resistance to pests. V. I. Grimal'skii. *Zool. zhur.* 45 no. 4:551-557 '66.
- OLETHREUTIDAE** see subdivision under Russia, Northern
- OLFACTORY NERVE**
Representation of visual and olfactory receptors and lateral line receptors in the fish brain. V. I. Gusev, N. I. Onufrieva, A. I. A. Supin. *Fiziol. zhur.* 50 no. 8:1104-1112 S '64.
- OLIVINE**
Difference between olivine and aglycons of chromomycin A₃, mitramycin and antibiotic 3014. A. S. Mozentsev and others. *Dokl. AN SSSR* 168 no. 1:207-210 My '66.
- OLIVINITES** see subdivision under Krasnoyarsk Territory
- OMSK—CARGO HANDLING**
We work in concord. F. Elentavag, V. Shcheglov. *Rech. transp.* 25 no. 4:19-20 '66.
- OMSK PROVINCE—RURAL CONSTRUCTION**
Intensification of agricultural production makes us assume obligations. P. Ignatovich. *Sel', stroi.* 18 no. 4:3-4 Ap '64.
- Rural construction workers are discussing the quality of work. P. Lipkin. *Sel', stroi.* 18 no. 4:4-5 Ap '64.
- With the Omsk planners. A. Permittin. *Sel', stroi.* 18 no. 4:6 Ap '64.
- OMSK PROVINCE—RURAL PLANNING**
With the Omsk planners. A. Permittin. *Sel', stroi.* 18 no. 4:6 Ap '64.
- ONCOLOGICAL SOCIETIES** see subdivision under Leningrad Province; Moscow Province
- ONCOLOGY—ABSTRACTS**
[General problems of pathology Oncology] Ref. zhur.: Ob. vop. pat. Onk. no. 5 My '66.
- ONCOLOGY—CONGRESSES**
3d All-Union Conference of Oncologists (Moscow, November 15-19, 1965). *Vop. onk.* 12 no. 5:115-120 '66.
- ONCOLOGY, EXPERIMENTAL**
Akademii nauk SSSR. Institut morfoloogi zhivotnykh. [Experimental histology of the tumorous growth] Eksperimental'naya gistologiya opukholovogo rasta. Pod red. A. N. Studitskogo. Moskva, Nauka, 1966. 276 p.
Electrophoretic characteristics of serum proteins of animals with transplantable tumors. T. A. Goriukhina, N. N. Sinitina. *Vop. onk.* 12 no. 5:71-76 '66.
- ONTOGENY**
Analysis of the physiological mechanisms of the life span of mammals. I. A. Arshavskii. *Trudy MOIP, Otd. biol.* 17:72-86 '66.
Changes in respiratory mechanics during human ontogenesis. V. V. Gritsenko, N. S. Pugin. *Fiziol. zhur.* 50 no. 9:1182-1187 S '64.
Data on the mechanism of the development of vagi tonus during ontogenesis. V. D. Rozanova. *Fiziol. zhur.* 50 no. 9:1096-1103 S '64.
Mechanism of changes in the natural cardiac and respiratory rhythm in cattle and swine during postnatal ontogeny. V. V. Arshavskii. *Fiziol. zhur.* 50 no. 10:1256-1263 O '64.
Premature function of the fetus as an ontogenic problem. L. L. Gromov, E. A. Savina. *Trudy MOIP, Otd. biol.* 17:87-95 '66.
- OPEN-CUT MINING** see Strip mining
- OPEN-HEARTH FURNACES**
(see also subdivision under Chelyabinsk)
Mineralogical processes during scale formation in air uptakes of open-hearth furnaces. M. M. Belozero, T. N. Kudriavtseva, L. P. Sudakova. *Ogneupory* 31 no. 4:39-41 '66.
- OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION**
Increasing the resistance of the main roofs of open-hearth furnaces. A. N. Glukhovskii, V. V. Lobanov. *Metallurg* 11 no. 5:22 My '66.
Periclase grain distintegration processes in the fritting of the rear wall of an open-hearth furnace. M. M. Dvorkind, E. F. Kosolapov, A. S. Freidenberg. *Ogneupory* 31 no. 5:34-38 '66.
Redesigning the flat roofs of slag pockets and regenerator chambers in single-channel open-hearth furnaces. E. S. Belokurov, V. E. Pron'kin. *Metallurg* 11 no. 5:16-18 My '66.
- OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES**
Adopting welded steel pouring ladles, and increasing the loading capacity of ladle cranes. L. K. Kuznetsov. *Metallurg* 11 no. 5:17-22 My '66.
Production of high-quality steel in 120-ton open-hearth furnaces, treating it with liquid synthetic slag in the ladle. S. G. Volnov and others. *Stal'* 26 no. 5:405-409 My '66.
- OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR**
Accelerated firing of open-hearth furnaces after cold repairs. G. A. Galstian. *Metallurg* 11 no. 5:22-23 My '66.
- OPEN-HEARTH PROCESS**
Methods of modulating the condition parameters of open-hearth furnace heating to determine the rate of carbon oxidation. V. G. Chuvikin, V. A. Shcherbakov, V. I. Ivinskii. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:36-39 '66.
- OPERA**
Mikheeva, L. V., and T. G. Rozova. [Stories about opera] Rasskazy ob opere. Moskva, Muzyka, 1966. 153 p.

ORGANOGERMANIUM COMPOUNDS

Synthesis and transformations of oxygen-containing unsaturated organogermanium compounds. Part 39: Synthesis and transformations of some organogermanium monohydric ethylene alcohols. I. A. Shikhiev, N. D. Abdullaev, M. I. Aliev. *Zhur.ob.khim.* 36 no. 5:942-943 My '65.

Thermal decomposition of tricyclohexylsilane and tricyclohexylgermane. G. G. Petukhov, S. S. Svirezheva, O. N. Druzhkov. *Zhur.ob.khim.* 36 no. 5:914-916 My '65.

Unsaturated organogermanium compounds. Part 3: Reaction of butyllithium with 1,3-enyne germanium hydrocarbons. M. D. Stashchuk. *Zhur.ob.khim.* 36 no. 5:931-941 My '66.

ORGANOMERCURY COMPOUNDS

Alkylation of organomercury compounds by triaryl-bromomethane. I. P. Beletskaya, O. A. Maksimenko, O. A. Reutov. *Dokl. AN SSSR* 168 no. 2:333-336 My '66.

Interaction of hydrazones and azines with metal salts. Report No. 6; Synthesis of organomercury compounds from complexes of hydrazones with bivalent mercury halides. A. S. Gudkova, M. I. A. Leinkova, O. A. Reutov. *Izv. AN SSSR, Ser. khim.* no. 5:849-855 '66.

ORGANOMETALLIC COMPOUNDS

Thermomechanical study of polymetalorganosiloxanes containing bivalent metals. K. A. Andrianov and others. *Vysokom. soed.* 8 no. 5:893-902 My '65.

ORGANONITROGEN COMPOUNDS

Reactions of hexafluorodimethylnitrogen oxide. S. P. Makarov and others. *Dokl. AN SSSR* 168 no. 2:344-347 My '66.

Synthesis of p-amino styrene, azomethines, and azo dyes containing vinyl groups. V. G. Shtavskii, A. I. Turbina, M. I. A. Romankevich. *Ukr. khim. zhur.* 32 no. 5:489-493 '66.

ORGANOPHOSPHORUS COMPOUNDS

Effect of some organophosphorus compounds in experimental intestinal infections. M. G. Borim and others. *Zhur. mikrobiol., epid. i immun.* 41 no. 5:123-131 Ag '64.

Effect of the composition of organophosphorus compounds on the extraction of trivalent cerium nitrate. I. U. F. Orlov, V. P. Shvedov. *Radiokhimiya* 8 no. 2:139-145 '66.

Kinetics of the re-extraction of nitrates of some metals from alkylphosphoric solutions into water. Part 2: Systems $La(NO_3)_3$ -3S + diluent. V. S. Fedorov, M. F. Pushlenkov. *Radiokhimiya* 8 no. 2:136-139 '66.

Syntheses of alkyl- and aryl-substituted phosphazene phosphoxides and some of their transformations. A. I. Akubovich and others. *Zhur. neorg. khim.* 11 no. 4:810-816 Ap '66.

Thermochromism of some organophosphorus compounds. A. V. Nikolaev, I. U. A. Afanas'ev, A. D. Starostin. *Dokl. AN SSSR* 168 no. 2:351-353 My '66.

Titrimetric micromethod for determining sulfur in organophosphorus and organoarsenic compounds using the new indicator nitchromazo. K. F. Novikova. *Zhur. anal. khim.* 21 no. 4:473-478 '66.

ORGANOSILICON COMPOUNDS

Bis (triorganylsilyl) phosphites. N. F. Orlov, L. N. Volodina. *Zhur.ob.khim.* 36 no. 5:920-923 My '66.

Formation of radicals in the radiolysis of solid organic substances. Part 3: Electron paramagnetic resonance spectra and radiation-induced yield of radicals in some organosilicon compounds. I. I. Chkhedze and others. *Kin. i kat.* 7 no. 2:230-236 Mr-Apr '66.

High-concentration emulsions of organosilicon liquids stabilized by "op-10" preparations. V. N. Tabachenko, L. I. Kremnev. *Plast. massy* no. 5:48-49 '69.

Interaction of triorganylchlorosilanes with allyl glycidyl ether and epichlorohydrin. N. F. Orlov, O. F. Viktorov. *Zhur.ob.khim.* 36 no. 5:909-912 My '66.

Oligomer organosilicon compounds with phenylene links. N. S. Nametkin and others. *Vysokom. soed.* 8 no. 5:921-925 My '66.

Organosilicon vinyl sulfoxides and vinyl sulfones. M. F. Shastakovskii and others. *Zhur.ob.khim.* 36 no. 5:904-907 My '66.

Silicon in the living organism. I. F. Ponomarev. *Priroda* 55 no. 5:65-67 My '66.

Synthesis and some transformations of α -silo acetylenic aldehydes. N. V. Komarov, O. G. Iarosh, L. N. Astaf'eva. *Zhur.ob.khim.* 36 no. 5:907-909 My '66.

Synthesis and study of polymers produced from phenyl-cyclosilanes. S. L. Sosin, I. U. G. Chikishev. *Dokl. AN SSSR* 168 no. 2:357-359 My '66.

Synthesis and transformations of unsaturated organosilicon compounds. Part 30: Synthesis and some transformations of silicon acetylene formals. I. A. Shikhiev, N. D. Abdullaev. *Zhur.ob.khim.* 36 no. 5:92-914 My '65.

Thermal decomposition of tricyclohexylsilane and tricyclohexylgermane. G. G. Petukhov, S. S. Svirezheva, O. N. Druzhkov. *Zhur.ob.khim.* 36 no. 5:914-916 My '65.

Thermomechanical study of polymetalorganosiloxanes containing bivalent metals. K. A. Andrianov and others. *Vysokom. soed.* 8 no. 5:898-902 My '65.

Waterproofing soil by silicon organic liquids during the construction of automobile roads. D. V. Velotskoi, I. V. Vys. ucheb. zav.; stroi. i arkhit. 9 no. 2:100-105 '66.

ORGANOSILICON COMPOUNDS—PATENTS

Organosilicon compounds containing heterocyclic atoms (phosphorus, boron); review of patents. N. N. Motovilova, E. I. Starovoirova. *Khuch. i rez.* 25 no. 5:4-10 '66.

ORGANOSILICON COMPOUNDS—THERMAL PROPERTIES

Thermal stability of polymers based on vinyl derivatives of silicon. N. S. Nametkin and others. *Vysokom. soed.* 8 no. 5:838-892 My '66.

ORGANOTITANIUM COMPOUNDS

A new class of substances. G. A. Razuvaev, V. N. Latheva. *Priroda* 55 no. 5:48-53 My '66.

ORIBATIDAE

(see also subdivision under *Azerbaijan*)

Postembryonic development of *Chamobates spinosus* Schinick, 1928 (Oribatei). E. S. Shal'dybina. *Zool. zhur.* 45 no. 5:591-596 '66.

ORIENTAL LITERATURE

A session devoted to the interrelations of Oriental literatures. *Izv. AN Azerb. SSR, Ser. obshchestv. nauk.* no. 6:143-145 '65.

ORIENTAL STUDIES

(see also subdivision under *Czechoslovakia*)

A review of the activity of the Oriental Commission of the Geographical Society of the U.S.S.R.; January 1964-June 1965. *Strany i nar. Vost.* no. 4:261-263 '65.

ORIENTAL STUDIES—PERIODICALS

Materials of the discussion on "Strany i narody Vostoka": Vol. 1, 1959; Vol. 2, 1961; Vol. 3, 1964. *Strany i nar. Vost.* no. 4:232-260 '65.

ORIENTIN

Flavonoids of the lesser duckweed. O. I. Tykhonov and others. *Farmatsev. zhur.* 20 no. 3:53-55 '65.

ORLOV, NIKOLAI VASIL'EVICH, 1893-1924

Sofronov, S. I. [The wanderer artist N. V. Orlov] *Khudozhnik-peredvizhnik N. V. Orlov.* [Moskva, Iekusstvo, 1955] 129 p. illus. (RPS)

ORNITHOGALUM—CLASSIFICATION

Cytologic systematic study of some Caucasian species of the Ornithogalum section of the genus Ornithogalum L. N. D. Agapova. *Bot. zhur.* 51 no. 2:210-220 F '66.

ORNITHOGALUM RESEARCH see subdivision under *Hidensee Island*

ORNITHOSIS see subdivision under *Kaluga*

ORTHODONTIA

Some deformities of the maxillofacial system and the possibility of their elimination. A. A. Akhmedov, S. L. Katsava. *Azerb. med. zhur.* 42 no. 5:64-67 My '65.

ORTHOGONAL FUNCTIONS see *Functions, Orthogonal*

ORTHOPEDIA

Alignment of the lower extremity. V. M. Musevi. *Khirurgiya* 42 no. 2:75-77 F '66.

Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut travmatologii i ortopedii. [Problems of traumatology and orthopedics; materials for the summarizing scientific conference of the Leningrad Scientific Research Institute of Traumatology and Orthopedics, April 1965] *Voprosy travmatologii i ortopedii; materialy k itogovoi nauchnoi konferentsii Leningradskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii, apr'el' 1965, goda. Leningrad,*

1965. 120 p. (DNLM)

Method of determining the loss of blood in children during orthopedic surgery. O. A. Korolenko. *Ortop., travm. i protez.* 26 no. 10:69-70 O '64.

Plastics in traumatology and orthopedics. M. V. Volkov. *Khirurgiya* 42 no. 2:3-B F '66.

Report on the work of the societies of traumatologists and orthopedists for June 1964. A. P. Skoblin, A. M. Belous. *Ortop., travm. i protez.* 25 no. 10:86-94 O '64.

ORTHOPEDIA—CONGRESSES

Third Orthopedic Congress of Czechoslovakia. A. G. Sadykhov. *Azerb. med. zhur.* 42 no. 5:101-103 My '65.

ORTHOPEDIC APPARATUS INDUSTRY see subdivision under *Makhachkala; Minsk; Rostov Province; Tula*

ORTHOPEDIC TRACTION

Scale to K. M. Klimov's clamp. I. U. A. Kostitsyn. *Klin. khir.* no. 7:93 '65.

OSCILLATIONS

Effect of the nonlinearity of an elastic force on the character of motion in a parametrically perturbable system. V. I. Levashtin, A. S. Petrov. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:72-77 '66.

Spectra of phase fluctuation modulated oscillations. B. D. Sergievskii, L. G. Oganes'yan. *Radiotekh. i elektron.* 11 no. 5:811-821 My '66.

Suppression of low-frequency oscillations during beam instability with the aid of preliminary modulation of the electron beam. E. A. Korullov and others. *Pls'. v red. Zhur. eksper. i teoret. fiz.* 3 no. 9:354-357 My '66.

OSCILLATORS, CRYSTAL

Quartz resonators for recording air moisture. V. E. Savchenko. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:145-149 '66.

OSCILLATORS, ELECTRIC

Fluctuation of phase and amplitude in a generator with delayed feedback. G. I. Oleinikova, I. U. S. Fedotov. *Radiotekh. i elektron.* 11 no. 5:935 My '66.

OSCILLATORS, ELECTRON-TUBE

Portable low-frequency generator. A. Kanter. *Radio* no. 4:53-54 Ap '65.

Wobble frequency generator. V. Leont'ev. *Radio* no. 12:49-52 D '65.

OSCILLOGRAPH

Operation of an automatic N-11 oscillograph. K. I. A. Savin. *Blek. sta.* 37 no. 3:89 Mr '66.

Setting of an oscillograph. V. M. Dubichinskii. *Vest. protivovozd. obor.* no. 5:69-72 My '66.

OSCILLOGRAPHY

Oscillographic analysis of the gold anode during electrochemical separation of oxygen. I. U. S. Gorodetskii. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:44-47 '65.

OSH—SOVIETS

Growing activity of the deputies of the Soviets. I. U. Kuznetsov. *Part. zhizn'* no. 11:44-47 Je '66.

OSIPOV, VASILII IAKOV LEVICH, 1898-1963

In memory of Professor V. I. A. Osipov. *Vop. kur. i flzoter. i lech. fiz. kul't.* 20 no. 5:477-478 S-O '64.

OSSETIA, NORTH—ECONOMIC CONDITIONS

North Ossetian A.S.S.R. Arkhivnyi otdel. [Reconstruction period in North Ossetia, 1921-1925; a collection of documentary materials] *Vostanovitel'skiy period v Severnoi Osetii, 1921-1925 gg.; sbornik dokumentov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo,* 1965. 370 p.

OSSETIA, NORTH—MINERAL WATERS

Practice in the evaluation of the natural resources of mineral underground waters in the Karmadonsk deposit. V. P. Shipachev. *Razved. i okh. nedr.* 31 no. 9:39-41 S '65.

OSSETIA, NORTH—WIREWORMS—EXTERMINATION

Efficacy of the combined use of organochlorine insecticides in controlling wireworms in corn fields of the North Ossetian A.S.S.R. E. V. Arutunova. *Zap. LSKH* 95:20-25 '65.

OSSETIC LANGUAGE—FOREIGN ELEMENTS—ADYGE

Balkarov, B. Kh. [Adyge elements in the Ossetic language] *Adigeiskie elementy v ossetinskom iazyke.* Red. V. I. Abaev. Na'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 128 p. (MTI)

OSMOSIS

Photometric analysis of bacterial suspensions. Report No. 4: Possibilities of utilizing the osmotic effect for determining the relationship between live and dead cells in suspensions of tularemia bacilli. B. A. Fikman, L. V. Sirotiuk, V. G. Fetukhov. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:130-134 Ap '66.

OSTEOMYELITIS

Experimental data on the etiology and pathogenesis of hematogenic osteomyelitis. V. I. Stetsula, V. P. Shilin, A. V. Trutneva. *Khirurgiya* 42 no. 2:89-93 F '66.

OSTEOMYELITIS (Continued)

Pathological fractures in hematogenic osteomyelitis in children. M.D. Kovalevich, G.P. Makletsov. *Khirurgiia* 42 no. 2:100-104 F '66.

Symmetrical forms of osteomyelitis. G.V. Khadzhidekov, L.G. Velichkov. *Khirurgiia* 42 no. 2:93-96 F '66.

Use of preserved homocartilage in plastic surgery on postoperative osseous cavities in chronic hematogenic osteomyelitis. S.A. Vatagin. *Khirurgiia* 42 no. 2:97-100 F '66.

OSTEOCLEROSIS

Osteopolkilosis. A.A. Bellaeva. *Khirurgiia* 42 no. 2:69-72 F '66.

OSTRACODA, FOSSIL see subdivision under Armenia; Daysantau; Maritime Territory; Russia, Southern

OSTROGOZHSK (VORONEZH PROVINCE)—RADIO IN PROPAGANDA

Activists of radio broadcasting. N. Minakov. *Agitator* no. 3:53 F '64.

OTORHINOLARYNGOLOGY

State of the ears, throat and nose in the schoolchildren of Sumgait. Z.E. Chernakov, O.M. Guseinov. *Azerb. med. zhur.* 42 no. 5:47-53 My '65.

OVALBUMIN

Study of ovalbumin hydrolysis by trypsin. F.D. Kaverz-nova, P.V. Shmakova. *Biokhimiia* 31 no. 2:380-386 Mr-Apr '66.

OVARIES

Estrogen function of the ovaries in the individual development in cattle of the Black and White breed. *Fiziol. zhur.* 52 no. 5:595-600 My '66.

OVARIES—CANCER

Successful treatment of three patients with arrhenoblastoma of the ovary. N.T. Starkova. *Probl. endok. i gorm.* 10 no. 2:41-44 Mr-Apr '64.

OVARIES—SURGERY

Dynamics of vascular and tissue changes in the ovary fragment remaining following excision of one entire organ and a part of the other. L.E. Etingen. *Blud. eksp. biol. i med.* 59 no. 9:112-115 S '64.

OVARIES—TUMORS

Carciomandromas of the ovary. E.A. Dikshlein, P.I. Sheinin. *Probl. endok. i gorm.* 12 no. 3:26-30 My-Je '66.

Nechlaeva, I.D. [Tumors of the ovaries; clinical aspects, diagnosis, treatment, prevention] *Opukhott. zhukhov; klinika, diagnostika, lechenie, profilaktika.* [Leningrad] Meditsina, 1966. 173 p. (DNLM)

OVARIES (BOTANY)

Some consequences of the reduction of the number of ovaries in the wheat and barley ear. I.U. B. Kononov. *Fiziol. rast.* 13 no. 1:135-143 Ja-F '66.

OVCHINNIKOV, ALEKSANDR MIKHAILOVICH, 1904-

A.M. Ovchinnikov; on his 60th birthday. V.G. Burmistrov. *Vop. kur., fizioter. i lech. fiz. kul't.* 29 no. 5:473-474 S-O '64.

OVERVOLTAGE

Effect of hydrogen absorption by the cathode metal on hydrogen overvoltage. L.L. Kristalik. *Elektrokhimiia* 2 no. 5:516 My '66.

OWLET MOTHS—EXTERMINATION

Potato stalk borer *Hydroecia micraea* as a rhubarb pest. S.M. Pospelov. *Zap. LSKH* 95:61-70 '65.

OXADICYCLOHEPTANEDICARBOXYLIC ACID

Development of a method for preparing "endotal," a sodium salt of 3,6-endoxahexahydrophthalic acid. I.V. Seikh, M.P. Podilneva. *Zhur. prikl. khim.* 38 no. 8: 1942-1947 Ag '65.

OXADIAZOLE

Synthesis and study of poly-1,3,4-oxadiazoles. A.L. Rusanov and others. *Vysokom. soed.* 8 no. 5:804-808 My '66.

OXAZA PHOSPHORINE—PHYSIOLOGICAL EFFECT

Effect of cyclophosphane and thiophosphamide on proteins of the blood and its saturation with oxygen. A.M. Efimenko. *Farm. i toks.* 29 no. 2:215-219 Mr-Apr '66.

OXIDATION

Certain features of noncatalytic oxidation of ethane with the recycling of gases, and the role of ethylene oxide as an intermediate product in this process. S.M. Samoilov, I.L. Kotlarevskii, V.V. Andrievskii. *Zhur. prikl. khim.* 38 no. 8:1830-1838 Ag '65.

Comparative oxidation of various types of titanium alloys during their heating in the open air. M.V. Mal'tsev and others. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:142-146 '66.

Effect of chromium on the kinetics of niobium oxidation. R.F. Voitovich. *Ukr. khim. zhur.* 32 no. 5:445-448 '66.

Experience in using the homogeneous Mn-Na(K) catalyst for paraffin oxidation. P.N. Uzunkoian and others. *Neftepr. i neftekhim.* no. 3:17-20 '66.

Kinetics of the oxidative regeneration of zeolites as related to their structure. P.N. Galich and others. *Dokl. AN SSSR* 168 no. 2:379-381 My '66.

Mechanism of chain branching in the catalyzed oxidation of n-decane in the presence of cobalt stearate. G.M. Bulgakova, Z.K. Matzov, I.P. Skabida. *Kin. i kat.* 7 no. 2:332-335 Mr-Apr '66.

Mechanism of the formation of the oxidation products of ethanol in the liquid phase. G.E. Zalkov, Z.K. Matzov. *Neftekhimiia* 4 no. 6:888-893 N-D '64.

Modeling and design of a reactor for isopropylbenzene oxidation. M.E. Aerov and others. *Khim. prom.* 42 no. 5:379-384 My '66.

Products of galenite oxidation in distilled water. A.A. Abramov. *Obog. rud.* 11 no. 1:9-12 '66.

Quantum yield of acetone and chain length in the photochemical reaction of propane oxidation in the presence of bromine. A.I. Porokova, V.V. Voevodskii, A.B. Nalbandian. *Dokl. AN SSSR* 168 no. 2:386-387 My '66.

Stereochemistry of cyclic compounds. Report No. 65; Stereochemistry of oxidation of one geometric isomers of 13-methyl-7-acetoxy-4(12)-dodecahydrophenanthrene-1,2-dicarboxylic acid and its derivatives. I.A. Gurvich, I.M. Mikhalev, V.F. Kucherov. *Izv. AN SSSR, SER. khim.* no. 5:875-878 '66.

Vapor-phase oxidation of partially hydrogenated derivatives of benzene. A.Kh. Sharipov, T.M. Khannanov. *Kin. i kat.* 7 no. 2:340-342 Mr-Apr '66.

OXIDATION, ELECTROLYTIC

Electro-oxidation of ethylene glycol on a platinum electrode. Part 1: Adsorption of ethylene glycol from acid solutions. Jan Weber, I.U. B. Vasil'ev, V.S. Bagotskii. *Elektrokhimiia* 2 no. 5:515-521 My '66.

Electro-oxidation of ethylene glycol on a platinum electrode. Part 2: Effect of the electrode potential on the adsorption of ethylene glycol. Jan Weber, I.U. B. Vasil'ev, V.S. Bagotskii. *Elektrokhimiia* 2 no. 5:522-528 My '66.

OXIDATION, PHYSIOLOGICAL

Effect of cultivation conditions on the oxidative activity of resting *Bacillus idosus* cells. I.V. Kuznetsova, N.D. Ierusalimskii. *Mikrobiologiya* 35 no. 2:208-211 Mr-Apr '66.

Oxidation of serotonin in the cardiac mitochondria in animals. A.M. Zubovskina, S.N. Sudareva. *Vop. med. khim.* 12 no. 3:267-273 My-Je '66.

Oxidative and glycolytic processes in chronic hepatochlor intoxication. P.A. Onikienko. *Vop. med. khim.* 12 no. 3:297-302 My-Je '66.

OXIDATION-REDUCTION REACTION

Effect of the alkaloid triacanthine on the coronary blood circulation and the oxygen consumption by the myocardium. K.Kh. Khaidarov. *Farm. i toks.* 29 no. 2: 184-188 Mr-Apr '66.

Paimin, V.V. [Changes in the oxidation-reduction properties of meat during irradiation with Co^{60}] *Izmenenie oksiditel'no-vosstanovitel'nykh svoistv miasa pri obлучenii Co^{60} .* Moskva, Atomizdat, 1963. 18 p.

OXIDES

Formation of solid formation (Zn, CdS) in the interaction of the oxides of sulfides, zinc, and cadmium. F.K. Vasil'ev, V.P. Kochkin, N.N. Petrova. *Rent. min. syr.* no. 4:84-87 '64.

OXIMES

Extraction of zirconium and hafnium from hydrochloric acid solutions by means of 8-hydroxyquinoloxime and carboxylic acids. N.P. Rudenko, V.N. Avilina, I.N. Kremenskina. *Zhur. neorg. khim.* 11 no. 4:947-948 Ap '66.

OXYGEN

Effect of molecular oxygen on the process of delignification. V.P. Shegolev, V.M. Nikitin. *Bum. prom.* no. 5:6-7 My '66.

Interaction of atomic oxygen generated in the gas phase with solid hydrocarbons. Part 1: Reactions of atomic oxygen with solid ethylene at 65-69° K. A.N. Ponomarev. *Kin. i kat.* 7 no. 2:237-241 Mr-Apr '66.

Osclillographic analysis of the gold anode during electrochemical separation of oxygen. I.U. S. Gorodetskii. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:44-47 '65.

Possibility of partial desorption in the transition of chemisorbed oxygen to a higher charge state. I.U. P. Solonitsyn. *Kin. i kat.* 7 no. 2:327-329 Mr-Apr '66.

OXYGEN—ANALYSIS

Determination of oxygen in titanium tungsten carbide. V.G. Sheerbakov, I.U. N. Iurkevich, G.G. Besproskurnov. *Zhur. anal. khim.* 21 no. 4:443-446 '66.

OXYGEN—EFFECT ON SEEDS see Seeds, Effect of oxygen on

OXYGEN COMPOUNDS

Complexes with charge transfer in organic semiconductors based on polyethylene. A.D. Grishina, N.A. Bakhi. *Elektrokhimiia* 2 no. 5:614-615 My '66.

OXYGEN IN THE BODY

Effect of carbon dioxide on oxygen tension in the myocardium. N.V. Sanatskaia. *Fiziol. zhur.* 52 no. 5: 556-567 My '66.

Study of free oxygen content in some organs of rabbits in the process of Brown-Pearce tumor growth in the stomach wall. K.G. Shehlikov, I.M. Epshteln. *Dokl. AN SSSR* 168 no. 1:240-243 My '66.

Use of oxyhemograph as an amplifier in the polarographic determination of the oxygen content in tissues. A.I. Beketov, D.I. Sapegin. *Lab. delo* no. 4:243-247 '66.

OXYGEN ISOTOPES

Catalytic properties of NiO in the reaction of homomolecular oxygen exchange. V.I. Gorgoraki, G.K. Borekov, L.A. Kasatkina. *Kin. i kat.* 7 no. 2:266-272 Mr-Apr '66.

Homomolecular and isotopic oxygen exchange on gadolinium oxide. L.A. Sazonov, V.D. Sokolovskii, G.K. Borekov. *Kin. i kat.* 7 no. 2:284-288 Mr-Apr '66.

OXYGEN THERAPY

Oxygen therapy of patients with cerebral atherosclerosis. N.A. Gurin. *Trudy MOIP, Otd. biol.* 17:202-215 '66.

OXYGEN THERAPY—EQUIPMENT AND SUPPLIES

Attachment for continuous oxygen therapy. E.L. Iaker. *Klin. khir.* no. 7:93-94 '65.

OZONE

Industrial OP-3 ozonizers. A.Z. Volynchik, V.F. Khmara. *Khim. i neft. mashinostr.* no. 5:16-17 My '66.

OZONIDES

Ozonides of normal 1-olefins. A.T. Menailo, M.V. Pospelov, A.I. Shekuteva. *Neftekhimiia* 4 no. 6:894-898 N-D '64.

OZONOLYSIS

Ozonolysis products of humic substances. M.A. Shevchenko, P.N. Taran. *Ukr. khim. zhur.* 32 no. 5: 532-536 '66.

PACHYCARPINE

Volumetric and gravimetric methods for determining pachycarpine hydroiodide using picric acid. N.P. Iavor-skii. *Apt. delo* 15 no. 2:37-43 Mr-Apr '66.

PACIFIC AREA—ORE DEPOSITS

Fruitful ideas of a wireless researcher. M.A. Favor-skaya. *Priroda* 55 no. 5:93-98 My '66.

PACIFIC OCEAN—CEPHALOSPIDA

Morphological characteristics of deep-sea Cephalaspidea (Gastropoda, Opisthobranchia). I.U. S. Minichev. *Zool. zhur.* 45 no. 4:500-517 '66.

PACIFIC OCEAN—DESCRIPTION AND TRAVEL

Traveling to the Pacific Ocean for solar eclipse observations. P.V. Shehgiev. *Priroda* 55 no. 5:71-81 My '66.

PACIFIC OCEAN—FORAMINIFERA

Bottom Foraminifera of the Pacific Ocean. Kh.M. Saidova. *Okeanologiya* 6 no. 2:276-284 '66.

PACIFIC OCEAN—SUBMARINE GEOMORPHOLOGY—MAPS

Submarine face of the Pacific Ocean. S.D. Osokin. *Priroda* 55 no. 5:68-70 My '66.

PACIFIC OCEAN—TANAIDAE

Mite-carrying Tanaidacea (Crustacea) in the ultra-abysal zone of the Pacific Ocean. R.K. Kudina-Pasternak. *Zool. zhur.* 45 no. 4:518-535 '66.

PACIFIAN BODIES

Some characteristics of the structure of individual mechanoreceptors, the Pacinian bodies. A.S. Mirkin. *Dokl. AN SSSR* 168 no. 2:484-487 My '66.

PACKAGING

Use of a device for grinding stoppers for penicillin flasks. I.U. F. Romanuk, O.A. Vakhtina. *Apt. delo* 15 no. 2:65-67 Mr-Apr '66.

PACKAGING MACHINERY

Productivity and classification of automatic packaging machines. G.D. Gal'perin, V.F. Pet'ko. *Avtomatiz. proizv. prots. v mashinostr. i prib.* no. 2:25-31 '65.

PACKED TOWERS

Determining the coefficient of wettability of tower packings under conditions of orderly arrangement. A. T. Grinevich, A. G. Bol'shakov. Khim. mashinost., no. 2: 67-73 '65.

PACKING (MECHANICAL ENGINEERING)

Criterion equations for the design of contact packing glands. G. I. Shkurupli, L. I. Mamon, M. A. Lokshin. Khim. mashinost., no. 2: 9-14 '65.

Distribution of pressures in the piston packing of a compressor. S. M. Altukhov. Khim. i nef. mashinost., no. 3: 10-14 Mr '66.

PACKING (MECHANICAL ENGINEERING)—TESTING

Testing on a test unit of the UMB-4C ceramic metal packing material. M. E. Belitskii, B. G. Ivanov, B. V. Arslanin. Porosh. met., 6 no. 5: 80-83 My '66.

PACKINGHOUSES

Kuz'menko, L. A., and L. N. Sergeev. [Automation of production processes in meat combines] Avtomatizatsiya proizvodstvennykh protsessov na maslokombinatakh. Moskva, TsINTPishcheprom, 1965. 107 p.

PAINT

Oil paint without a drying oil. O. F. Busov. Stroitel. arkhitekt., 7 no. 3: 4 Mr '66.

Some aspects of radiation drying of paint and varnish coatings on wood. B. G. Panin. Sbor. trud. Mosk. tekhn. inst., no. 8: 119-137 '64.

Varnishes and paints. Lis., pap. i der. prom., no. 2: 43-44 Mr-Apr '66.

PAINTERS see subdivision under Don Valley

PAINTING, INDUSTRIAL

Use of emulsion polyvinylacetate paints. V. Vishnevskii and others. Stroitel. arkhitekt., 14 no. 4: 23 Ap '66.

PAINTINGS

(see also subdivision under Leningrad)

Moscow. Gosudarstvennyi muzei izobrazitel'nykh iskusstv. [Western European painting and sculpture] Zapadnoevropeiskaya zhivopis' i skulptura. Pod obshch. red. B. R. Vipper. Moskva, Sovetskii khudozhnik [1966] 1 v. (chiefly illus.)

PAIR PRODUCTION

Free induction signal in "exchange pairs." R. V. Shabina. Zhur. eksp. teor. fiz., 50 no. 4: 936-942 Ap '66.

PAKISTAN—COMMERCE—RUSSIA

The Soviet-Pakistan trade expands. I. Andreev. Vnesh. torg., 46 no. 5: 21 '66.

PAKISTAN—JOURNALISM

Visiting the journalists of Pakistan. Viktor Mavskii. Sov. pech., no. 5: 60-61 My '66.

PAKISTAN NEWSPAPERS

Visiting the journalists of Pakistan. Viktor Mavskii. Sov. pech., no. 5: 60-61 My '66.

PALEOBOTANY, STRATIGRAPHIC see subdivision under Butka Valley; Don Valley; Donets Basin; Georgia; Guria; Serov District

PALEOGEOGRAPHY

(see also subdivision under Armenia; Caspian Lowland; Lena Valley)

Conditions governing sedimentation and the methods of paleogeographic construction. B. P. Zhizhenko. Sov. geol., 8 no. 9: 47-62 S '65.

The latest pages of the earth's history. K. K. Markov. Priroda 55 no. 5: 21-32 My '66.

PALEONTOLOGY, STRATIGRAPHIC

(see also subdivision under Azerbaijan; Caspian Sea region; Caucasus; Donets Basin; Far East; Irkutsk Province; Siberia; Western; Transbaikalia; Ural Mountain region)

Comparison of the Visian sediments of the upper Pechora basin, Donets Basin, and Moscow Basin. A. V. Abashkina. Izv. vys. ucheb. zav.; geol. i razv., 9 no. 5: 24-32 My '66.

PALLADIUM CATALYSTS

Effect of pH of the medium on hydrogenation kinetics on a Pd catalyst. S. M. Roshetnikov, A. M. Sokol'skaya. Khim. i tekhn., 7 no. 2: 279-283 Mr-Apr '66.

Hydrogenation of colophony on palladium catalysts. N. N. Baryshev, E. B. Smirnova. Glavroliz. i lesokhim. prom., 18 no. 4: 4-6 '66.

PALM OIL

From the experience in the processing of palm oil. V. B. Glazyrina, V. V. Trofimenko. Masl. i zhir. prom., 32 no. 4: 38-39 Ap '66.

PALYGORSKITE

Ovcharenko, F. D., and others. [Palygorskite in drilling] Palygorskite v burenii. Kiev, Tekhnika, 1966. 168 p.

PALYNOLOGY

(see also subdivision under Dnieper-Donets Lowland; Siberian Platform; Zaysan Depression)

Methods of piecemeal selection of fossil microspores. V. K. Teteruk. Geol. zhur., 24 no. 6: 82-86 '64.

PAMIRS—BURIAL

Ancient burial in southern Pamirs. A. N. Zelinskii. Strany i nar. Vost., no. 4: 143-146 '65.

PAMIRS—GEOLOGY, STRATIGRAPHIC

Carboniferous sediments in the southeastern Pamirs (making the age of the Bazaradara series more precise). B. M. Gushchin. Dokl. AN SSSR 168 no. 2: 407-408 My '66.

PAMIRS—PHYSICAL GEOGRAPHY

Development of nature in the Pamirs as a milieu for human existence. V. A. Ranov, L. F. Sidorov. Strany i nar. Vost., no. 4: 95-120 '65.

PAMIRS—QUARTZ

Chemical composition of quartz forming solutions in the western Pamirs. S. A. Morozov. Dokl. AN Tadzh. SSR 9 no. 4: 28-31 '66.

PANAMA—FOREIGN RELATIONS—UNITED STATES

The events in Panama. M. Sychev. Agitator no. 3: 56 F '64.

PANCREAS

Structure and function of the insular apparatus and acinose tissue of the pancreas in rats at various dates following hypophysectomy. A. E. Rabkina. Probl. endok. i gorm., 12 no. 3: 101-107 My-Je '66.

PANCREAS—AGING

Role of age-related changes in islets of Langerhans in the development of diabetes mellitus in the aged. N. A. Zhukov. Sov. med., 28 no. 9: 13-18 S '64.

PANCREAS—DISEASES

Diagnosis of chronic pancreatitis. I. S. Savoschenko, S. A. Tuzhilin, V. A. Shaternikov. Sov. med., 28 no. 9: 13 S '64.

Diagnostic errors in the detection of acute pancreatitis. V. M. Lashchevsk. Klin. khir., no. 7: 79-84 '65.

PANCREAS—SECRETIONS

Effect of a diet poor in lipotropic substances and with deranged qualitative protein composition on the enzyme secreting function of the pancreas. L. M. Babushkina, Z. M. Pavlova. Vop. pit., 23 no. 4: 46-50 Ji-Ag '64.

Effect of a diet with an increased fat content on the enzyme secreting function of the pancreas. L. S. Ponomareva. Vop. pit., 23 no. 4: 38-45 Ji-Ag '64.

Excitability of the food center and external pancreatic secretion. V. V. Zolotov. Fiziol. zhur., 50 no. 10: 1202-1208 O '64.

Testing the exocrine function of the pancreas with the aid of secretin. I. T. Abasov. Azerb. med. zhur., 42 no. 5: 17-24 My '65.

PANELS (BUILDING)

Apartment house of vibration rolled panels. Z. Rozenfeld. Zhil. stroit., no. 8: 2-5 '64.

Construction of a design model representing the bending of a longitudinal wall of a large-panel building of a rigid structural scheme. B. S. Zharmagambetov, A. T. Aubakirov. Vest. AN Kazakh. SSR 22 no. 4: 35-46 Ap '66.

Finishing wall panels with broken pieces of glass. V. Bushin. Zhil. stroit., no. 8: 28-29 '64.

Improving the quality and supply of reinforced concrete panels for housing construction. N. S. Bartiskovskii. Stroitel. i inzh. soor., no. 6: 24 Je '65.

Panel of internal supporting walls from concrete on a mixed lime-ash binder. I. M. Ben'iaminovich and others. Stroitel. mat., 11 no. 3: 35-36 Mr '65.

Preparation of large, precast, glued, cellular concrete panels in autoclaves of small and medium-sized diameter. P. A. Tesler, G. S. Kobrinskii. Stroitel. mat., 12 no. 4: 24-27 Ap '66.

Prestressed panels for floors. E. E. Zadosenets and others. Prom. stroit., 43 no. 5: 30-32 '66.

Single-layer wall panels for manufacturing plants made of local materials. I. Rokhlin, Yu. Nat'sevskii. Prom. stroit. i inzh. soor., 6 no. 4: 22-26 Ji-Ag '64.

Transformer for electric treatment of panels in cassettes. F. Lashchevsk, L. Peisakhovich. Stroitel. arkhitekt. Sred. Az., 1 no. 7: 12-16 Ji '64.

Translucent panels of glass reinforced plastics. Prom. stroit., 43 no. 5: 40-41 '66.

PANELS (BUILDING)—TRANSPORTATION

Panel vans for industrial construction. I. Skachkov. Prom. stroit. i inzh. soor., 6 no. 6: 53-57 N-D '63.

PANTELEEV, ALEKSANDR SEMENOVICH, 1903-

Creative work of Aleksandr Semenovich Pantelev. Trudy MKHTI no. 45: 5-8 '64.

PANTOTHENIC ACID—PHYSIOLOGICAL EFFECT

Desensitizing effect of calcium pantothenate. F. A. Zver'kova. Pat. fiziol. i eksp. terap., 10 no. 2: 85-86 Mr-Apr '66.

PAPAVERINE—PHYSIOLOGICAL EFFECT

Creatine kinase in smooth and striated muscle extracts and the effect of papaverine on its activity. E. P. Chetverikova. Biul. eksp. biol. i med., 50 no. 12: 45-48 D '64.

PAPER

Production and characteristics of the "Khupak" paper. F. B. Dubrovinsk. Lis., pap. i der. prom., no. 2: 41-43 Mr-Apr '66.

PAPER—STANDARDS

Improve the study of foreign standards. L. A. Trechlo-kene. Bum. prom., no. 5: 14 My '66.

New brands of dazotypetrelch paper. M. S. Fedotova, Z. A. Roshchina. Bum. prom., no. 5: 20 My '66.

PAPER CHROMATOGRAPHY

Chromatographic determination of pure bases and pyrimidine nucleotides in biological materials. A. S. Vecher and others. Dokl. AN BSSR 10 no. 4: 265-269 Ap '66.

Classification and identification of antifungal antibiotics by chromatographic spectra. Yu. M. Khokhlova and others. Izv. AN SSSR. Ser. biol., no. 3: 433-440 My-Je '66.

Detection of p-nitrosophenol impurity in reactive quinoxaline. E. A. Titov, S. I. Barnistov, V. I. Sereda. Zav. lab., 32 no. 1: 21-22 '66.

Determination of some medicinal mixtures by the paper chromatography method. N. G. Il'ina. Apt. delo 15 no. 2: 70-72 Mr-Apr '66.

Use of paper chromatography in studying the reaction of pigment sulfoxymethylation. S. S. Kuznetsova, V. P. No-rodin. Izv. vys. ucheb. zav.; khim. i khim. tekhn., 9 no. 1: 109-112 '66.

PAPER COATINGS

Perchikovskaya, A. A. [Methods of paper strengthening; review of the Soviet and foreign literature] Sposoby uprochneniya bumagi; obzor otechestvennoi i inostrannoi literatury. Moskva, VNIP, 1965. 57 p.

PAPER ELECTROPHORESIS

Electrophoretic characteristics of serum proteins of animals with transplantable tumors. T. A. Gorkushina, N. N. Smirnova. Vop. onk., 13 no. 5: 71-76 '66.

Paper microelectrophoresis and color indication of alkaloids. A. M. Efimenko. Farmatsevt. zhur., 21 no. 2: 32-34 '66.

PAPER INDUSTRY

Daily attention should be given to the building of waste purification systems. N. M. Rumyantsev. Bum. prom., no. 5: 21 My '66.

PAPER INDUSTRY—MANAGEMENT

Introduce the scientific organization of work in the paper industry. Bum. prom., no. 5: 1-2 My '66.

Ways for further improvement of the organization of the work of engineers and technical workers. I. M. Mokretsov. Bum. prom., no. 5: 23-24 My '66.

PAPER MILLS—HEATING AND VENTILATION

Central cross ventilation of paper- and cardboardmaking machinery shops. V. V. Dolzikhov. Bum. prom., no. 5: 17-18 My '66.

PAPER SIZING see Sizing (Paper)

PAPERMAKING MACHINERY

Adjustment and operation of the system for the regulation of paper stock concentration. I. A. Tsikhonovskii. Bum. prom., no. 5: 8-10 My '66.

PAPERMAKING MACHINERY—ELECTRIC DRIVING

Controlled transistorized rectifiers for the electric driving of papermaking machinery. N. N. Balla. Bum. prom., no. 5: 19 My '66.

PAPERMAKING MACHINERY—PARTS

Causes of screen breakage and ways of its elimination. R. A. Solonitsyn. Bum. prom., no. 5: 15-16 My '66.

PARACHUTES

Modern sports parachutes. I. Glushkov. Kryn. rod., 18 no. 4: 20-22 Ap '65.

PARACHUTING see subdivision under Moscow

PARACHUTING—PSYCHOLOGICAL ASPECTS

Grinak, L. P. [Psychological training of the parachutist] Psikhologicheskaya podgotovka parashutista. Pod red. A. E. Mazina. Moskva, DOSAAF, 1966. 126 p.

PARAFFINS

- Experience in using the homogeneous $Mn-Na$ (K) catalyst for paraffin oxidation. P.N. Ilyukhin and others. *Nefteper. i neftekhim.* no. 3:17-20 '66.
- Method of embedding bone tissue in paraffin. V.S. Sigim. *Ortop., travm. i protez.* 25 no. 10:67-69 O '64.
- Obtaining higher α -olefins by high speed contact cracking of paraffin petroleum derivatives. A.M. Brod'ski and others. *Neftekhimika* 4 no. 6:880-887 N-D '64.

- Oxidation of some alkanes by *Fusarium moniliforme* Sheld. O.M. Zolchenko, E.Z. Kovalev. *Mikrobiol. zhur.* 28 no. 2:18-24 '66.
- Plant experiment on the production of high-melting paraffins. V.V. Vorobleva, I.I. Cherek. *Nefteper. i neftekhim.* no. 5:9-11 '66.

PARAGENESIS

- (see also subdivision under Azerbaijan)
- Paragenesis of tellurium, silver, and gold as the minerals of an Ag-Au-Te system. V.V. Shcherbinin, R.N. Zakhin. *Geokhimiya* no. 7:635-640 JI '64.

PARALYSIS

- Effect of massage on the bioelectrical activity of muscles in patients with pareses and paralysis of central origin. A.V. Sirotkina. *Vop. kur. i fizioter. i lech. fiz. kul't.* 28 no. 5:442-446 S-O '64.
- Some mechanisms of the development of pareses in acute intestinal obstruction. I.U. M. Dederer. *Pat. fiziol. i eksp. terap.* 10 no. 2:53-57 Mr-Apr '66.

PARALYSIS, SPASTIC

- Results of surgical treatment of the pronation and flexion position of the forearm and hand in patients with cerebral spastic paralysis. V.S. Kharchenko, A.T. Maroshkin. *Vest. khir.* 96 no. 4:84-87 Ap '66.

PARALYSIS AGITANS

- Pallidectomy and thalamectomy in the treatment of some diseases of the extrapyramidal system. D.G. Shcher, L.N. Nesterov. *Vop. nefrokhir.* 28 no. 3:35-39 My-Je '64.

PARAMAGNETIC RESONANCE AND RELAXATION

see Electron paramagnetic resonance

PARAMECIUM—CULTURES AND CULTURE MEDIA

- Determination of toxemia in burns and of antitoxic properties of the blood serum in convalescent patients with burns by means of hemocultures and Paramecium reaction. V.A. Orlik. *Sov. med.* 28 no. 9:37-41 S '64.

PARAMETRIC AMPLIFIERS

- Properties of three-frequency parametric networks. I.A. Bolotkin, M.E. Gertsenshtein. *Radiotekh. i elektron.* 11 no. 5:916-924 My '66.

PARASITES—ANTS

- Natural cycle of the activity and behavior of ants (*Formica pratensis* Retz.) invaded by *Dicrocoelium lanceatum* metacercaria during the grazing period. I.A. Anokhin. *Zool. zhur.* 45 no. 5:637-692 '66.

PARASITES—CATTLE

- (see also subdivision under Russia, Northwestern; Soviet Central Asia)
- Case of blackfly toxicosis in cattle. V.Z. Kovchan and others. *Veterinaria* 43 no. 8:80-90 My '66.
- Economic damages caused by cysticercosis in cattle. V.S. Steklov. *Veterinaria* 42 no. 4:56-57 Ap '66.
- Ineffectiveness of hexachloroparaxylene against fascioliasis of cattle. T.P. Veselova, M.V. Doroshina. *Veterinaria* 43 no. 5:44-46 My '66.
- Once more on hexachloroethane toxicity to cattle. T.P. Veselova. *Veterinaria* 42 no. 4:30-61 Ap '66.
- Susceptibility of cattle to warble flies. G.I. Kuzichkin. *Vest. sel'khoz. nauch. [Kazakh.]* 9 no. 4:41-46 Ap '66.

PARASITES—CHORDATA

see subdivision under Black Sea

PARASITES—DEER

- Deciphering developmental cycle of the nematode *Setaria alata*, a cerebral parasite of antler deer. A.N. Osipov. *Dokl. AN SSSR* 168 no. 1:247-248 My '66.

PARASITES—FISHES

- (see also subdivision under Kazakhstan; Tonkin, Gulf of)
- State of glycogen resources in the liver of fish infested with plerocercoids of *Tricopherus nodulosus* (Cestoda, Pseudophyllidae). A.M. Lopukhina. *Zool. zhur.* 45 no. 5:702-705 '66.

PARASITES—MOSQUITOES

- Parasitism of the Entomophthora fungus on mosquitoes of the *Culex pipiens* L. complex. E.S. Kuprianova. *Zool. zhur.* 45 no. 5:673-678 '66.

PARASITES—PIKAS

see subdivision under Turkmenistan

PARASITES—PLANT LICE

- Brief news and information. *Zool. zhur.* 45 no. 4:633-638 '66.

PARASITES—POULTRY

- Relation of the development of ascarids to the breed and age of hens. P.T. Tverdokhlebov. *Veterinaria* 43 no. 5:48-49 My '66.

PARASITES—REINDEER

- Effectiveness of dibrom in the control of botflies in reindeer. D.V. Savel'ev. *Veterinaria* 43 no. 5:46-47 My '66.

PARASITES—SHEEP

- (see also subdivision under Kalmyk A.S.S.R.)
- Acute course of fascioliasis in sheep. B.F. Moroshkin and others. *Veterinaria* 43 no. 5:41-44 My '66.

PARASITES—STINKBUGS

- Development of *Asoleus semistriatus* Nees. (Hymenoptera, Scelionidae), feeding on eggs of stinkbugs (Hemiptera, Pentatomidae). N.I. Kochetova. *Zool. zhur.* 45 no. 4:558-567 '66.

PARASITES—TENT CATERPILLARS

- (see also subdivision under Moldavia)
- Oocyst as a parasite of the larch spinner. L. Orlov, N. Gorskikh. *Zashch. rast.* 11 no. 1:39-40 '66.

PARASITES—UNGULATA

- Rukhladev, D.P. [Helminths of wild artiodactyl animals of the Crimea and Caucasus in the light of ecology and zoogeography] *Gel'mintofauna dikikh parnokopynykh zhivotnykh Kryma i Kavkaza v ekologo-zoogeograficheskoy osveshchenii.* Pod red. N.A. Zolotareva. [Sarator] Izd-vo Saratovskogo univ., 1964. 448 p.

PARASITOLOGY

- Akademiya nauk URSR, Kiev.* [Regional parasitology and natural foci of transmissible diseases] Kraevaya parazitologiya i prirodnaia ochagovost' transmisivnykh boleznei. Kiev, Naukova dumka, 1966. 167 p. (Respublikanskiy mezhdunarodnyy sbornik. Seriya: "Problemy parazitologii")

PARASYMPATHOLYTIC AGENTS

- Changes in the function of the adrenal cortex in intrathoracic surgery following the use of metamysil. V.E. Ryzhenkov and others. *Vest. khir.* 96 no. 4:25-31 Ap '66.
- Experimental evaluation of combined adreno- and M-cholinolytic therapy in poisonings with venoms of Central Asian scorpions. Z.S. Barkagan. *Pat. fiziol. i eksp. terap.* 10 no. 2:65-68 Mr-Apr '66.

PARASYMPATHOMIMETIC AGENTS

- Oksazil. A.S. Sokolov. *Apt. delo* 15 no. 2:91-92 Mr-Apr '66.

PARATHYROID GLANDS—DISEASES

- Renal form of primary hyperparathyroidism. O.L. Tikhtinskii. *Urol. i nefr.* no. 3:3-8 '65.

PARATHYROID GLANDS—SURGERY

- Effect of parathyroidectomy on the posttraumatic regeneration of bone tissue. A.I. Volozhin. *Pat. fiziol. i eksp. terap.* 10 no. 2:73-76 Mr-Apr '66.
- Immediate and late sequelae of the removal of thyroid and parathyroid glands in rats. G.I. Plakhuta-Plakutina. *Trudy MOI, Otd. biol.* 17:96-103 '66.

PARATYPHOID FEVER

- Increase in the resistance of Gartner's bacilli to monomycin during the process of treating experimental paratyphoid infection. L.G. Kuz'mina. *Antibiotiki* 11 no. 4:332-337 Ap '66.

- Typhoid and paratyphoid infections abroad. Report No. 1: Typhoid and paratyphoid morbidity during the years 1921-1958. I.U. P. Solodovnikov. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:54-59 JI '64.

- Use of colibacterin. V.V. Dobrovolskaya, E.E. Vasileva. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:20-31 Ag '64.

PARATYPHOID FEVER—PREVENTIVE INOCULATION

- Preventive of the formation of carrier state in typhoid and paratyphoid patients, using antibiotic and vaccine therapy. Report No. 2: Dynamics of immunological indices in typhoid and paratyphoid patients treated with levomycesin and dry alcohol typhoid and paratyphoid vaccine B. I.U. Ia. Tendetnik and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:73-80 Ap '66.

PARATYPHOID DISEASES IN ANIMALS

- Field tests on the immunization of swine against paratyphoid fever using live vaccine strain TS-177. F.K. Valeeva. *Vest. sel'khoz. nauch. [Kazakh.]* 9 no. 4:31-35 Ap '66.

- Study of nonspecific and specific antiparatyphoid lactoglobulins. A.F. Barabash. *Veterinaria* 43 no. 5:26-28 My '66.

PARENT AND CHILD

- Every river has its own source. V. Dorokhin. *Deshk. vosp.* 39 no. 4:31-34 Ap '66.
- Should I tell the truth about her father? Tatiana Aleksandrovna. *Sem'ia i shkola* 21 no. 4:49-50 Ap '66.
- They are so sensitive. . . . V. Sergeevich. *Sem'ia i shkola* 21 no. 4:4-5 Ap '66.

PARIS—COMMUNE, 1871

- Coins of the Paris Commune. M. Palkin. *Den. i kred.* 24 no. 5:87-88 My '66.
- New French studies on the history of the Paris Commune and the preceding period. A.I. Molok. *Nov. i noveish. ist.* no. 3:141-147 '66.

PAROTID GLANDS—BLOOD SUPPLY

- Arterial vessels of the parotid gland of farm animals. I.A. L. Zdanovskaya. *Trudy Mosk. vet. akad.* 10:243-260 '66.

PARSHINA, MARF GRIGOR'EVICH, 1925-1944

- His name shall live forever. N. Borisov. *Radio* no. 12:6-7 D '65.

PARTICLE ACCELERATORS

- Motion of a charged particle in a helical magnetic field. M.M. Khapaev. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:123-127 '66.

- Selection of dominant radiation in the calculation of protection during work with electron accelerators. I.P. Korenkov. *Med. rad.* 11 no. 4:47-50 Ap '66.

- Val'dner, O.A. [Linear electron accelerators; fundamental design of low-energy linear electron accelerators] *Lineinye uskoritel' elektronov; osnovy rascheta LUE na malye energii.* Moskva, Atomizdat, 1966. 167 p.

PARTICLE BOARD

- Carbamide resins and binders for the manufacture of particle board with domestic equipment. R.Z. Temkina. *Der. prom.* 14 no. 3:4-7 Mr '65.
- From practices in the use of Russian-made equipment of particle board plants. V.I. Blinov. *Der. prom.* 14 no. 3:19-21 Mr '65.
- Use of contactless track switches in the manufacture of particle boards. M.D. Gosenput. *Der. prom.* 14 no. 3:15-16 Mr '65.

PARTICLE SIZE DETERMINATION

- Calculation of granulometric composition of soils based on nomograms. A.A. Kagan. *Trudy Leningradskogo 2:130-139 '65.*

- Determining the unit surface (particle size) of powders with the help of the flow ratio measured in various conditions of gas flow in porous media. I.S. Izrael'evich, S.N. Novikov. *Porosh. met.* 6 no. 5:40-51 My '66.

- Preparing highly dispersed metal powders by vaporization in argon. L.S. Palatnik and others. *Alum. splavy* no. 4:202-207 '66.

- Use of dispersion analysis in medical statistics. B.I. Ignatovich, V.M. Gladkov. *Uch. zap. po stat.* 9:109-135 '65.

PARTICLES (NUCLEAR PHYSICS)

- Disturbance of the density of charged particles at large distances from a body rapidly moving in a plasma in the presence of a magnetic field. V.V. Vas'kov. *Zhur. eksp. teor. fiz.* 50 no. 4:1124-1132 Ap '66.

- Mikhailov, V.D. and I.L. Rozen'at', eds. [Physics of elementary particles] *Fizika elementarnykh chastits.* Moskva, Atomizdat, 1966. 112 p.

- Quasi-linear acceleration of particles by a transverse electromagnetic wave. A.A. Kolomenskii, A.N. Lebedev. *Zhur. eksp. teor. fiz.* 50 no. 4:1101-1106 Ap '66.

PARTICLES (NUCLEAR PHYSICS)—STUDY AND TEACHING

- Studying elementary particles in a secondary school physics course. M.M. Rozhkov. *Izv. APN* no. 141:132-137 '65.

PASSIVATION

- Study of the kinetics of growth of passivating layers on titanium in sulfuric acid by the alternating current polarization method. I.U. N. Mikhailovskii. *Izv. AN SSSR, Ser. khim.* no. 5:807-814 '66.

PASTEURILLA

- Nucleotide composition of deoxyribonucleic acid in bacteria of the *Pasteurella* genus. M.L. Bekker, A.Z. Kutsomakina. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:84-86 Ap '66.

- Study of the cellular composition of the strains of the plague microbe based on motility. N.F. Kasatkina. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:140-141 Ag '64.

PASTEURILLA—CULTURES AND CULTURE MEDIA

- Effect of irradiation on the multiplication of bacteria of tularemia vaccine strain in the body of mice and guinea pigs. A.S. Shevelov. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:107-111 Ap '66.

PASTURE RESEARCH

Dutch methods of recording the occurrence of species (according to De Vries) in comparison to other methods for determining the participation of species in meadow grass stands, V.N. Makarevich, Bot. zhur., 51 no. 2: 293-305 F '66.

Productivity of the desert-steppe associations of central Kazakhstan, T.K. Gordeeva, Trudy Bot. inst. Ser. 3 no. 17:115-124 '65.

PASTURES AND MEADOWS

(see also subdivision under Kazakhstan; Kamchatka)

Dynamics of the association of species in meadow phytocenoses, T.A. Rabotnov, Dokl. AN SSSR 168 no. 2:463-466 My '66.

Machines and equipment for the improvement of meadows and pastures, I.A. Petikh, Tekh. v sel'khoz., 26 no. 4: 25-28 Ap '66.

Meadows as an important source of the development of the economy, A.S. Iakimovich, Zemledelie 28 no. 4: 57-59 Ap '66.

Mosquito control in pastures, V.I. Bukshynov, Veterinarina 43 no. 5:86-88 My '66.

Snolov, S.P. [Theoretical bases underlying meadow cultivation] Teoreticheskie osnovy tugovodstva, Moskva, Kolos, 1966. 386 p. (DNAL)

Studies on the improvement of hay fields and pastures, N.G. Andreev, Vest. sel'khoz. nauki 10 no. 12:147-149 D '65.

PASTURES AND MEADOWS—FERTILIZERS AND MANURES

(see also Grasses—Fertilizers and manures)

PATENT LAWS AND LEGISLATION

(see also subdivision under Austria; Great Britain; Hungary; Japan; United Arab Republic)

Answers to questions, Vop. izobr., no. 4:41-43 Ap '66.

Dozortsev, V.A. [Sources of Soviet law of inventions] Istochniki sovetskogo izobretenitskogo prava, Leningrad, 1965. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy, Seriya: Organizatsiia propagandy nauchno-tekhnicheskogo i proizvodstvennogo opyta)

Legal acts on inventions, Vop. izobr., no. 4:44-47 Ap '66.

Norms regulating the conclusions on the usefulness of supposed inventions, K.V. Kozlov, Vop. izobr., no. 3: 31-32 Mr '66.

Patent certificate and regulations for its filling in, P.P. Romanov, Vop. izobr., no. 3:33-35 Mr '66.

Protection of inventors' rights in courts, G. Dohrovskii, Sov. iust. 30 no. 9:10-12 Mr '66.

Suspension of patent's validity due to the nonpayment of the patent tax, Restoration of the validity of a patent, B.S. Khelfets, Vop. izobr., no. 3:17-20 Mr '66.

Your first registration, E. Nemirovskii, Izobr. i rats, no. 4:14-15 Ap '66.

PATENT LAWS AND LEGISLATION—PERIODICALS

Moscow, Vsesoiuznaia patentno-tekhnicheskai biblioteka, [Collections of patent literature of the All-Union Patent and Engineering Library; a reference guide] Fondy patentnoi literatury Vsesoiuznoi patentno-tekhnicheskoi biblioteki; spravka, Izd. 1, Moskva, TsNIIPI, 1965. 155 p.

PATENT LICENSES

Checking patent purity of industrial objects, E.P. Gavrilov, Vop. izobr., no. 4:22-25 Ap '66.

PATENTS

(see also subdivision under Leningrad; United Arab Republic)

Brief news, Vop. izobr., no. 3:49 Mr '66.

Epidemic of common authorship, V. Ovchinnikov, Izobr. i rats, no. 4:20 Ap '66.

[Inventions, industrial samples, trademarks] Izobr., prom. obraz., tov. znak. 43 no. 9 '66.

Outward appearance is patented, E. Gavrilov, Izobr. i rats, no. 3:30-31 Mr '66.

Patent information in 1965, II, V. Chekhovskii, Stroil, truboprov., 10 no. 4:38-39 Ap '65.

Patents and technological policy, R.P. Vecherashnii, I.D. Ivanov, Vop. izobr., no. 3:3-7 Mr '66.

PATENTS—BIBLIOGRAPHY

Patents

PATENTS—CLASSIFICATION

Changes in the classification system of inventions in the U.S.S.R., A.M. Shvarts, Vop. izobr., no. 4:38-40 Ap '66.

PATENTS—INFORMATION SERVICES

(see also subdivision under Austria)

Sushko, A.G. [Patent information and its utilization] Patentnaia informatsiia i ee ispol'zovanie, Leningrad, 1966. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy, Seriya: Poredovoi opyt organizatsii nauchno-tekhnicheskoi propagandy i informatsii)

PATENTS—PERIODICALS

United States

PATENTS (INTERNATIONAL LAW)

Patent disputes in foreign economic relations, I. Ivanov, Vnesh. torg., 46 no. 5:36-40 '66.

Romanov, P.P., and I.L. Klimova, [Determination of usefulness of patenting abroad] Opredeleniie tselesobraznosti zarubezhnogo patentovaniia, Leningrad, 1966. 37 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy, Seriya: Poredovoi opyt organizatsii nauchno-tekhnicheskoi propagandy i informatsii)

PATHOGENIC BACTERIA

see Bacteria, Pathogenic

PATHOGENIC PROTOZOA

see Protozoa, Pathogenic

PATHOLOGICAL HISTOLOGY

see Histology, Pathological

PATHOLOGY—ABSTRACTS

[General problems of pathology. Oncology] Ref. zhur.: Ob. vop. pat. Onk. no. 5 My '66.

PATHOLOGY, COMPARATIVE

Comparative pathological analysis of the frequency and nature of tumors in different mammals, L.A. Iakovleva, B.A. Lapina, Vest. AMN SSSR 21 no. 5:65-74 '66.

PATHOLOGY, SURGICAL

Tuberculous mesadenitis in the light of surgical observations, A.A. Kalandarev, Probl. tub. no. 5:38-43 '64.

PATORZHYN'SKYI, IVAN SERHIIOVICH, 1896-

Memories of a friend, I. Iuzum, Sov. muz., 30 no. 4: 71-77 Ap '66.

PATRIOTISM

Military and patriotic education of our youth, A. Prokofiev, Part. zhizn', no. 12:53-58 Je '66.

PAUZHETKA VALLEY—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Construction of the Pauhsetka Geothermal Electric Power Station in Kamchatka, E.B. Bamshtein, I.F. Bukarev, Energ. stroil., no. 2:17-21 '65.

PAVEMENTS

see subdivision under Soviet Central Asia

PAVLODAR PROVINCE—CLOTHING INDUSTRY

Consumers' interests dictate, Kh. Khimich, F. Sagitdinov, Nar. khoz. Kazakh., 24 no. 4:70-72 Ap '66.

PAYMENT

Belen'kii, I.M. [Payments to collective and state farms for accepted grain and seeds] Raschety s kolkhoznami i sovkhoznami za prinyatie zerno i semena, Izd. 6., dop. i perer., Moskva, Kolos, 1966. 183 p.

PEACE

Christian theses of peace, Brat. vest., no. 6:7 '65.

Church and the peace in the whole world, A.N. Kirin-Khantsev, Brat. vest., no. 6:8-12 '65.

Resolution of the meeting of the Consultative Committee for Continuation of the Work of the Christian Peace Conference, Brat. vest., no. 6:12-13 '65.

Zilukas, Gediminas, [The U.S.S.R. in the vanguard of the struggle for peace] TERS kovos uz taika avangarde, Vilnius, Mintis, 1965. 81 p. [In Lithuanian]

PEACE—CONGRESSES

A historical forum for the defense of peace; the 30th anniversary of the Lvov Antifascist Congress of Workers in Education and Culture, V.A. Savynets, Ukr. ist. zhur., 10 no. 5:129-130 My '66.

PEAR—DISEASES AND PESTS

see subdivision under Moldavia

PEAR—FROST RESISTANCE

Winter hardiness of hybrid pear seedlings of various combinations of crossing, II, A. Petrov, Vest. sel'khoz. nauki 11 no. 4:110-113 Ap '66.

PEAS

Development of new pea forms by injections, S.I. Vengrenovskii, S.I. Dzheleli, Vest. sel'khoz. nauki 11 no. 2:89-98 F '66.

Effectiveness of mixed bean and pea seedlings, N.A. Shipakova, Uch. zap. Viteb. vet. inst., 18:118-121 '64.

Presence of a α -diaminopimelic acid decarboxylase in pea sprouts, A.I. Medvedev, V.L. Kretovich, Dokl. AN SSSR 168 no. 3:701-703 My '66.

Valine dehydrogenase activity of pea seedlings, Z.S. Kagna, V.L. Kretovich, V.A. Polinkov, Biokhimiia 31 no. 2:355-364 Mr-Ap '66.

PEAS—DISEASE AND PEST RESISTANCE

Effect of phosphorus-potassium fertilizers on the resistance of peas to powdery mildew, M.I. Iminov, Khim. v sel'khoz., 4 no. 5:20-22 My '66.

Trace elements and the yield of peas, A.N. Grigorov, Zemledelie 28 no. 4:65 Ap '66.

PEAS—FERTILIZERS AND MANURES

Effect of phosphorus-potassium fertilizers on the resistance of peas to powdery mildew, M.I. Iminov, Khim. v sel'khoz., 4 no. 5:20-22 My '66.

PEASANT UPRISINGS

(see also subdivision under Carpathian Mountain region; China; Ukraine)

Methods used in studying the peasant movement in the period of pramonopolistic capitalism, D.P. Poldin, Ukr. ist. zhur., 10 no. 5:25-31 My '66.

We should improve the methods of studying the peasant movement, M.N. Lushchenko, Ukr. ist. zhur., 10 no. 5:32-38 My '66.

PEASANTRY

(see also subdivision under Volhynia)

Differentiation of Russian crown peasants in the 1750's and 1760's, V.I. Makarov, Uch. zap. Ped. inst. Gerts., 278:212-234 '65.

From the experience of sociological research in villages in the 1920's, I.U. Arutunian, Vop. ist. KPSS 10 no. 3:62-69 Mr '66.

The peasant problem in the Committee of 1767, V.I. Makarov, Uch. zap. Ped. inst. Gerts., 278:235-271 '65.

Russia (1923- U.S.S.R.) Tsentral'nyi gosudarstvennyi istoricheskii arkhiv, [The peasant movement in Russia, June 1907-July 1914; a collection of documents] Krest'ianskoe dvizhenie v Rossii i tsn' 1907 g.-i tsn' 1914 g.; sbornik dokumentov, Red. A.V. Shapkarin, Moskva, Nauka, 1966. 676 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachate XX veka)

PEAT

(see also subdivision under Siberia, Western)

Formation of the aromatic structure of peat coke, V.E. Rakovskii, N.D. Drozhalina, Dokl. AN SSSR 10 no. 5: 316-318 My '66.

Parnov, E.I., and R.B. Orshanskii, [Story of peat] Rasskaz o torfe, Moskva, Kolos, 1966. 253 p.

Peat as fertilizer in crop rotation in the non-Chernozem belt, P.S. Kats, Vilniaus diti, prim. uob. na plod. poch., i prod. sevochor., no. 2:148-177 '64.

Physiological evaluation of greenhouse peat substrates, N.V. Vasilevskaiia, Hul. Glav. bot. sada no. 59:44-48 '63.

PEAT—ANALYSIS

Dependence of the ash content of peat on the degree of its mineral content, V.R. Bensman, Dokl. AN SSSR 10 no. 5:324-327 My '66.

PEAT BOGS

(see also subdivision under Leningrad Province)

Effect of copper, boron, and manganese on the yield and quality of hemp grown in peat-bog soils, I.S. Zavorotchenko, Khim. v sel'khoz., 4 no. 5:15 My '65.

PEAT INDUSTRY

see subdivision under White Russia

PEAT SOILS

(see also subdivision under Selenga Delta)

Field studies of deformation and stability characteristics of peat soils, V.G. Bulychev, L.S. Amurlian, E.T. Bazin, Osn., fund. i mekh. grun., 8 no. 3:22-24 '66.

Peat soils in hotbeds and greenhouses, N.V. Vasilevskaiia, Vest. sel'khoz. nauki 11 no. 2:135-137 F '66.

PECHENGA DISTRICT—ORE DEPOSITS

Some characteristics of copper-nickel mineralization in Pechenga District, I.A. Iakovlev, Razved. i okh. nedr 31 no. 9:1-8 S '65.

PECHORA BASIN—COAL MINES AND MINING—SAFETY MEASURES

Studying the gas pressure in mining outbreak-prone coal seams of the Vorkuta deposits, V.M. Iakovlev, Ugol' 41 no. 5:57-59 My '66.

PECHORA BASIN—SHAFT SINKING—EQUIPMENT AND SUPPLIES

Introducing equipment complexes in shaft sinking in areas beyond the Arctic Circle, K.I. Aganbekov, Shakht. stroil., 10 no. 4:15-17 Ap '66.

PECHORA VALLEY—GEOLOGY

Dedeov, V.A., and others, [Geology and prospects for finding oil and gas in the northern part of the Timan-Pechora area] Geologia i perspektivy neftegazonosnosti severnoi chasti Timano-Pechorskoi oblasti, Leningrad, Nedra, 1966. 272 p. (Leningrad, Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi institut, Trudy, no. 245)

PECHORA VALLEY—STROMATOPOROIDEA

Some Silurian and Devonian Stromatoporoidea in the western part of the cis-Ural region (Pechora), V.I. Iavorskii, Trudy VSEGEI 115:218 '65.

PECTIN

Production of concentrated pectin in the Yangi-Yul Cannery, I.A.S. Tolstomog, Kons. i ov. prom., 21 no. 5:46-47 My '66.

PEDDLERS AND PEDDLING

The peddling trade. V. Syvistunov. Sov. potrebn. koop. 10 no. 5:43-50 My '66.

PEDIATRICS

Common principles in the classification of clinical forms of influenza and influenza-like virus infections in children. S. D. Nosov. Sov. med. 28 no. 9:42-47 S '64.

Evaluation of pneumoencephalographic results in children. B. N. Klonovskii, V. R. Furin. Vest. rent. i rad. no. 2:32-36 '64.

Provision of drugs for children in Moscow's drugstores. N. P. Chernomashentseva. Apt. delo 15 no. 2:55-60 Mr-Apr '66.

PEGMATITES

(See also subdivision under Karelia; Mama Valley)
On one general tendency in zoning granite and alkali pegmatites. S. M. Beskin. Izv. vyz. ucheb. zav. i geol. inzh. 9 no. 5:49-57 My '66.

PELVIS—FOREIGN BODIES

Displacement of a foreign body from the lumbar region to the small pelvis. D. I. Cherkes-Zade. Khirurgiia 42 no. 2:141-142 F '66.

Use of electronic apparatus for the removal of a foreign body lodged for 32 years in the small pelvis. V. P. Lemm. Khirurgiia 42 no. 2:140-141 F '66.

PELVIS—FRACTURE

Combined lesion of pelvic bones and small intestine with its strangulation between bone fragments. N. K. Golobov. Khirurgiia 42 no. 2:142 F '66.

First aid in fractures of the pelvis with injuries of the urinary bladder and the urethra. P. A. Milonov. Ortop., travm. i protez. 25 no. 10:71 O '64.

Fractures of pelvic bones with lesions of the urinary bladder and urethra. P. A. Milonov. Khirurgiia 42 no. 2:77-82 F '66.

Treatment of complicated fractures of some bones of the pelvic girdle in horses. M. V. Plakhotin. Trudy Mosk. vet. akad. 10:59-64 '56.

PENICILLANIC ACID

Distribution of 6-aminopenicillanic acid between the ion exchanger and solution. E. M. Savitskaya and others. Antibiotiki II no. 4:204-208 Ap '66.

PENICILLIN

Effect of penicillin in various concentrations on phagocytosis in swine. V. D. Chernigov. Uch. zap. Viteb. vet. inst. 10:270-276 '64.

Effect of qualitatively varied nutrition and of penicillin injections on the bile secretion level in dogs. T. I. Kuchanova. Vop. pit. 23 no. 4:34-38 Ji-Ag '64.

Isolation, purification, and catalytic properties of a bacterial enzyme, splitting carboxybenzyl ester. M. M. Levitov, E. V. Gorfachenkova, S. V. Elchits. Biokhimiia 31 no. 2:270-276 Mr-Apr '66.

Search for micro-organisms capable of decomposing carboxypenicillin esters. M. M. Levitov and others. Mikrobiologiya 35 no. 2:258-262 Mr-Apr '66.

Study of the circulation regularity of phenoxymethyl penicillin in rabbits. E. Rudzits, Z. V. Nefedova. Antibiotiki II no. 4:369-373 Ap '66.

Use of a device for grinding stoppers for penicillin flasks. I. U. F. Rammuk, O. A. Vakulina. Apt. delo 15 no. 2:65-67 Mr-Apr '66.

PENICILLIN—PHYSIOLOGICAL EFFECT

Comparative cytochemical study of penicillin, its prolonged-action preparations and oxacillin on tissue culture cells. E. G. Sheherbukova. Antibiotiki II no. 4:337-343 Ap '66.

PENICILLINASE

Study of the interaction of penicillinase and surface-active substances. Report No. 1: Inhibition of endo- and exo-penicillinase by surface-active substances. N. P. El'nov, S. S. Stroyev. Antibiotiki II no. 4:358-363 Ap '66.

PENICILLIUM—CULTURES AND CULTURE MEDIA

Changes in the content of nucleic acids during the development cycle of *Penicillium* species producing griseofulvin in submerged culture. A. V. Markovitch, M. A. Mal'kov. Antibiotiki II no. 4:314-320 Ap '66.

Production and characteristics of *Penicillium* sp. No. 19 toxin. T. G. Mirehnik, V. S. Blagovoshchenak, V. A. Fedorov. Mikrobiologiya 35 no. 2:263-268 Mr-Apr '66.

PENSIONERS—EMPLOYMENT see subdivision under Moscow

PENSIONS

Our inspection practices. D. Ischenko. Sots. obes. 41 no. 5:52-53 My '66.

PENTADIENE

Polymerization of 1,3-pentadiene under the effect of butyllithium. I. D. Afanas'ev, I. A. Livshits, G. N. Petrov. Dokl. AN SSSR 168 no. 1:95-98 My '66.

PENTENE

Oxygen-initiated heterogeneous-catalytic reaction of condensation of olefins in the presence of hydrogen. Part 6: Conversions of 1-pentene. N. I. Ershov, I. A. T. Eldus, V. R. Erokhina. Kin. i kat. 7 no. 2:336-340 Mr-Apr '66.

PENZA—ELECTRONIC DATA PROCESSING—BUILDING

Practices of builders in Penza. I. Kitashov. Na stroi. Ros. 7 no. 4:14-15 Ap '66.

PENZA PROVINCE—BOOKSELLERS AND BOOKSELLING

A noble objective. G. Isaev. Knizh. torg. 17 no. 5:32 My '66.

To tell, show, and write! N. Zhidkov. Knizh. torg. 17 no. 5:25 My '66.

PENZA PROVINCE—RURAL LIBRARIES

What to do and how to do it. A. Perehina. Bibliotekar' 43 no. 5:50-51 My '66.

PENZA PROVINCE—VOCATIONAL GUIDANCE

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 5:125-126 My '66.

PEPPERMINT see subdivision under Turkmenistan

PEPTIC ULCER

Relation of the postoperative course to the corticosteroid secretion in patients with peptic ulcer. I. M. Polous. Klin. khir. no. 7:35-39 '65.

Study on the concentration function of the gallbladder in chronic cholecystitis and peptic ulcer. V. A. Kulikov. Vest. rent. i rad. no. 2:50-56 '64.

PEPTIDASES

Localization of peptidase activity in the cells of the small intestines of rats. R. I. Kushak, A. M. Ugolev. Dokl. AN SSSR 168 no. 2:477-479 My '66.

PEPTIDES

Comparison of the molecule structures of I and III hemoglobins from chick erythrocytes by the method of peptide charts. L. P. Alekseenko, V. N. Orekhovich. Vop. med. khim. 12 no. 3:205-207 My-Je '66.

Pharmacological properties of peptide derivatives of 5-methoxytryptamine. M. D. Mashkovskii, A. I. Polozheva. Farm. i toka. 29 no. 2:142-148 Mr-Apr '66.

Use of diethyl chlorophosphate for acylation of a serine hydroxy group in peptides. V. A. Shubnev, K. T. Poroshin, Sh. Kh. Khalikov. Izv. AN SSSR, Ser. khim. no. 5:927-928 '66.

PERCEPTRONS

Algorithm of cognitive systems. V. N. Fomin. Vych. tekhn. i vop. prog. no. 4:72-75 '65.

One variant of structural design of a perceptron type recognizing system as a component in the automatic control of the work of the fleet. K. N. Denisov, E. N. Perevoznev. Trudy TSNIIMF no. 77:74-81 '65.

Some algorithms for teaching "without encouragement" cognitive automata. V. I. Ruzhanskii. Vych. tekhn. i vop. prog. no. 4:76-83 '65.

Some general principles of the construction of programmed cognitive systems. V. A. Akubovich. Vych. tekhn. i vop. prog. no. 4:3-71 '65.

Synthesis of a discrete perceptron. K. N. Denisov, E. N. Perevoznev. Trudy TSNIIMF no. 77:82-88 '65.

Transformation and storage of information of stage representations. V. A. Gantzen, R. M. Granovskaya. Vych. tekhn. i vop. prog. no. 4:84-99 '65.

PERCEPTRONS—CONGRESSES

Soyeshchenie po voprosam avtomaticheskogo vvoda pis'mennykh znakov v elektronnyye vychislitel'nye mashiny. Vilnius, 1965. [Automation of the input of written signs in electronic computers; transactions of a scientific and technological conference.] Avtomatizatsia vvoda pis'mennykh znakov v elektronnyye vychislitel'nye mashiny; doklady nauchno-tekhnicheskogo soyeshcheniya. Vilnius, Respubl. in-t nauchno-tekhn. informatsii i propagandy Litovskoi SSR, 1965, 271 p.

Vsesoluznaya konferentsiya po avtomaticheskoi obrabotke nauchnoi informatsii, 2d. 1965. [Reading devices; reports.] Chitalushchie ustroystva; doklady. Moskva, In-t nauch. informatsii, 1965, 202 p.

PERCHLORATES

Use of the oxidative properties of bimoxyl radicals for synthesizing individual ion-radicals from aromatic amines. A. A. Medzhidov, E. G. Rozantsev, M. B. Neiman. Dokl. AN SSSR 168 no. 2:346-350 My '66.

PERCHLORIC ACID

Kinetics of radical decay in frozen aqueous solutions of NaClO_4 and HClO_4 . V. N. Belevskii, I. T. Bugaenko, V. B. Golubev. Dokl. AN SSSR 168 no. 1:122-125 My '66.

Perchloric acid and its compounds as catalysts in organic synthesis. Part 24: Synthesis of 1- and 3-methoxyphenyl derivatives of 5, 6, 7, 8-tetrahydro-2-benzopyrylium. G. N. Dorofeenko, G. P. Safarian, V. I. Dulenko. Zhur. ob. khim. 36 no. 5:611-615 My '66.

PEREBYINIS, VASYL', 1896-

[Vasyli' Perebylnis; his life and creative work] Vasyli' Perebylnis; zhyttia i tvorcha pratsia. London, Vlasnyy nakladom, 1963. 114 p. (NN)

PEREGRINE FALCON

New data on the ecology of the peregrine falcon (*Falco peregrinus* *halcyon* Schater). L. S. Stepanian. Izv. AN Turk. SSR, Ser. biol. nauk no. 2:89-92 '66.

PERENNIALS see subdivision under Stavropol Territory

PERESLAVSKIY DISTRICT—BOTANY, MEDICAL

Resources of medicinal plants of Pereslavl'skiy District of Yaroslavl Province. M. A. Kuznetsova, Farmatsev. zhur. 19 no. 2:50-54 '64.

PERFUSION PUMP (HEART)

Pump-flowmeter for the registration of blood flow into the artery under conditions of stabilized perfusion pressure. Blud. eksp. biol. i med. 58 no. 12:95-97 D '64.

PERIARTERITIS NODOSA

Cardiovascular syndrome in periarteritis nodosa. V. E. Lyubomudrov. Kardiologiya no. 5:82 '64.

PERICARDITIS

Nature and practical significance of changes in the energetic and dynamic activity of the heart and pulmonary gas exchange in traumatic pericarditis. V. V. Varnikov, N. A. Urzaev, V. P. Paderin. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:46-53 Ap '66.

PERICARDIUM—TUMORS

Mesothelioma of the pericardium. G. A. Galil-Ogly, K. K. Poroshin. Arkh. pat. 28 no. 3:72-74 '66.

PERIODIC LAW

Theory of the periodic law in the case of high voltages. Part 1. S. V. Izmailov, G. A. Shul'man. Zhur. tekhn. fiz. 35 no. 10:1889-1896 O '65.

Trifonov, D. N. [Rare-earth elements and their position in the periodic system] Radkozemel'nye elementy i ikh mesto v periodicheskoi sisteme. Moskva, Nauka, 1965, 191 p.

PERIODICALS—CIRCULATION see Newspaper and periodical circulation

PERIODICITY

Mechanism of daily variations in continuous gastric secretion in monkeys. V. O. Startsev. Fiziol. zhur. 50 no. 9:1169-1176 S '64.

PERIODONTIA

Odessa. Nauchno-issledovatel'skii institut stomatologii. [Caries and paradontosis] Karies i paradontoz. Kiev, Zdorov'ia, 1965-1v. (DONLM)

PERITONEAL DIALYSIS

Treatment of renal insufficiency with peritoneal dialysis. L. I. Dumavskii, F. M. Lazhgar. Urol. i nefr. no. 3:24-31 '65.

PERLITE (MINERAL)

Phase conversion in heat insulating perlite concrete at temperatures 20-1000° C. B. N. Vinogradov. Sbor. trud. VNISTROM no. 5:99-114 '65.

Selecting the lining material of rotary kilns for roasting perlite. N. S. Mamulova, N. N. Sergeev. Sbor. trud. VNISTROM no. 5:115-130 '65.

Use of bitumen and perlite mix for the construction of the Burshtin State Regional Electric Power Plant. V. S. Kuznetsov. Energ. stroi. no. 2:8-9 '65.

PERM—TECHNICAL LIBRARIES

We help in the solution of important problems as well as of trifling questions. L. Unegova. Bibliotekar' 43 no. 5:17 My '66.

PERM PROVINCE—CAVES

Alekseeva, E. V., and V. Ia. Aleksinskii. [Div'ya Cave] Div'ia peshchera. [Moskva, Profizdat] 1965. 10 p.

PERM PROVINCE—INSURANCE, SOCIAL

Restless nature. M. Grigor'ev. Okhr. truda i sots. strakh. 8 no. 3:35 Mr '65.

PERM PROVINCE—OIL WELL DRILLING

Percussive-rotary well drilling using bottom hole hydraulic impact machinery in Perm and Kaibala-Darya Provinces. A. V. Kichigin, I. U. N. Kalugin, S. I. Brown. Trudy MNKHGP no. 60:169-174 '66.

PERMAFROST see Frozen ground

PEROXIDES

Quantitative determination of some dialkyl and diacyl peroxides. L. N. Petrova, E. N. Novikova, A. B. Skvoritsova. Zhur. anal. khim. 21 no. 4:494-497 '65.

PEROXY ACIDS

Synthesis of peresters of alkyl and alkylmethylphosphonic acids. T. I. Iurzhenko, B. I. Kaspruk. Dokl. AN SSSR 166 no. 1:113-115 My '66.

PERRHENATES

Erbium and holmium perrhenates. V. E. Plushchev, M. B. Varfolomeev. Zhur. neorg. khim. 11 no. 5:1045-1050 My '66.

PERSIA see Iran

PERSIAN EPIC POETRY see Epic poetry, Persian

PERSIAN LANGUAGE—AFFIXES

History of the development of pronominal suffixes in the Persian language. Dzh. Sadykhova. Dokl. AN Azerb. SSR 21 no. 12:73-75 '65.

PERSIAN LANGUAGE—DICTIONARIES—POLYGLOT

Khamzin, K. Z., M. I. Makhmutov, and G. Sh. Saifullin. [Arabic-Tatar-Russian dictionary of loan words; Arabic and Persian elements in the language of Tatar literature. With a supplementary guide to Arabic grammar compiled by M. I. Makhmutov.] Arabsko-tatarsko-russkii slovar' zaimestvovani; arabizmy i farsizmy v iazyke tatarskoi literatury. S prilozheniem spravochnika po arabskoi grammatike, sostavlenno M. I. Makhmutovym. Kazan', Tatarskoe knizhnoe izd-vo, 1965 853 p.

PERSIAN LANGUAGE—STUDY AND TEACHING

Ovchinnikova, I. K., and A. K. Mamed-Zade. [A textbook of Persian; for the first year of study] Uchebnik persidskogo iazyka; dlia pervogo goda obucheniia. [Moskva] Izd-vo Mosk. univ., Pt. 1. 1966. 449 p.

PERSIAN MANUSCRIPTS see Manuscripts, Persian

PERSONALITY

All-round development of personality. M. A. Verchenko. Sov. pedagog. 30 no. 4:32-44 Ap '66.

PERSONNEL MANAGEMENT see subdivision under Tashkent

PERSPECTIVE

Strokin, N. V. [Principles of linear perspective. Projections with numerical marks] Osnovy lineinoi perspektivy. Proektsii s chislennymi otmetkami. Moskva, Mosk. geologorazvedochnyi institut im. S. Ordzhonikidze, 1965. 49 p.

PERVUSHIN, SERGEI ALEKSEEVICH, 1888-1966

Sergei Alekseevich Pervushin; an obituary. N. P. Bannyi and others. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2: 186-188 '66.

PESCHANYI ISLAND (AZERBAIJAN)—PETROLEUM ENGINEERING

Affairs and people of the tractor transport shop. N. Sapronov. Neftianik 10 no. 4:31-32 Ap '65.

PESCHANYI-MORE OIL FIELD—PETROLEUM—ANALYSIS

Change in the physicochemical properties of petroleum in the cross section of the producing formation of the Peschany-More field. V. M. Dzhachishina, E. B. Khalafli. Azerb. neft. khoz. 45 no. 4:10 Ap '66.

PESTICIDES

Pesticides with a future. P. Korolev, A. Nikiforov. Zashch. rast. 11 no. 1:35-38 '66.

Prospects for the development of the production of mineral fertilizers and pesticides. V. N. Antonov. Khim. i sel. khoz. 4 no. 5:1-3 My '66.

Testing of chemicals. Zashch. rast. 11 no. 1:24-25 '66.

PESTICIDES—TOXICOLOGY

Clinical and anatomopathological picture of hen poisoning with heptachlor and polychloropropene. N. F. Borisenko, V. A. Klenov. Veterinariia 42 no. 4:61-63 Ap '66.

PETROCHEMICAL INDUSTRY

(see also subdivision under Azerbaijan)

Important sector of trade-union work. V. Zubkov. Neftianik 10 no. 5:35-36 My '65.

Optimal distribution of resources between operating in parallel reactors (systems) of a chemical-technological complex. T. G. Rzaev. Za tekh. prog. 6 no. 4:8-10 Ap '66.

PETROCHEMICAL INDUSTRY—CONGRESSES

Improve for the better the work of the permanent industrial conferences. I. Trunov. Neftianik 10 no. 8:34-35 Ag '65.

PETROCHEMICAL PLANTS see subdivision under Salavat (Bashkiria)

PETROCHEMISTRY

(see also subdivision under Rostov Province)

Chernyi, I. R. [Preparing raw materials for petrochemistry] Podgotovka syr'ia dlia neftekhimii. Moskva, Khimika, 1966. 253 p.

LYPIC see subdivision under Angara Valley

PETROGRAPHIC MICROSCOPE

Simple device for fixing sections on the stage of an ore microscope. B. V. Chesnokov. Geol. rud. mestorozh. 8 no. 1:112 Ja-F '66.

PETROLEUM

(see also subdivision under Andizhan Oil Field; Egypt; Tyumen' Province)

Lenin documents on petroleum: the year 1918. Neftianik 11 no. 3:12-13 My '66.

PETROLEUM—ANALYSIS

(see also subdivision under Peschany-More Oil Field; Ukraine; Uzen' Oil Field)

Phase-measurement method used in the design of a double-beam ultraviolet analyzer for petroleum refining. A. A. Tudorovskii, I. U. V. Popov, V. M. Osipov. Izv. vys. ucheb. zav.; prib. 9 no. 2:3-7 '66.

Results of studying the decrease in viscoplastic properties of petroleum and their flow in a porous medium. S. A. Vezirov, T. M. Mamedov, L. S. Melik-Aslanov. Azerb. neft. khoz. 45 no. 4:28-30 Ap '66.

PETROLEUM—MICROBIOLOGY

Physiological properties of micro-organisms isolated in the atmosphere of methane and propane. V. M. Bogdanova. Mikrobiologiya 35 no. 2:234-241 Mr-Apr '66.

PETROLEUM—STORAGE

Selecting a structure of the remote control system for complexes with lumped plants. G. A. Kaplan. Ekon. i mat. metod. 2 no. 3:439-446 My-Je '66.

PETROLEUM—TRANSPORTATION

When the opportunities are missed. S. Khristenko. Mor. flot 26 no. 4:11-12 Ap '66.

PETROLEUM COKE

Effect of structural nonhomogeneity of cokes on the quality of carbon-graphitic materials. I. F. Sukhorukov and others. Neftoper. i neftekhim. no. 5:12-15 '66.

Mechanism of the desulfuration of petroleum coke in a gas stream containing hydrogen. S. G. Rogachev and others. Neftoper. i neftekhim. no. 3:24-27 '66.

PETROLEUM ENGINEERING see subdivision under Peschany Island (Azerbaijan)

PETROLEUM GEOLOGY

(see also subdivision under Apsheron Peninsula; Azerbaijan; Bakinsky Archipelago; Burma; Caspian Lowland; Caspian Sea; Chu Valley; Dnieper-Donets Lowland; Germany; Gryazevaya Sopka Oil Field; Mangyshlak Peninsula; Pripet Valley; Russian Platform; Siberia, Western; Stavropol Territory; Ustyurt; Uzbekistan)

Oil recovery factors of reservoir rocks. A. G. Aliyev, A. I. Kalantarov, N. D. Tahirov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:43-48 '64.

PETROLEUM IN SUBMERGED LANDS

After petroleum at the bottom of the ocean. A. Chernov. Neftianik 11 no. 5:34-37 My '66.

PETROLEUM INDUSTRY

(see also subdivision under Iran; Kaybyshev Province; Tatar A. S. R.)

Basic trends in the development of the petroleum and gas industries in the period 1966-1970. P. P. Galonskii. Neft. khoz. 44 no. 4:1-5 Ap '66.

Construction of a combined petroleum refining plant using graphic work schedules. A. G. Moskovskiy, A. I. Pichugin. Stroitel'stvo, no. 6:16-19 Je '65.

For scientific labor organization in the petroleum industry. B. Shalderov. Neftianik 10 no. 5:31-32 My '65.

Petroleum and gas industries in the light of the directives of the 23d Congress of the CPSU. Geol. neft i gaz 10 no. 5:1-3 My '66.

Problems of scientific-research and production organizations of the petroleum and gas industries in the light of the decisions of the September Plenum of the Central Committee of the CPSU. I. A. Vainer. Neft. khoz. 44 no. 4:14-16 Ap '66.

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Aluminum alloys in the equipment of the petroleum and gas industries; review. I. L. Osipian. Mash. i neft. obor. no. 4:38-39 '66.

Basic ways in increasing the technological level of chemical and petroleum machinery manufacturing in the period 1966-1970. K. I. Brekhov. Khim. i neft. mashinostr. no. 5:1-4 My '66.

PETROLEUM INDUSTRY—GOVERNMENT OWNERSHIP see subdivision under Nigeria

PETROLEUM INDUSTRY—LABOR PRODUCTIVITY

We shall justify our lofty title. A. Aliyev, A. Korshunov. Neftianik 10 no. 8:23 Ag '65.

PETROLEUM INDUSTRY—MANAGEMENT

Improve the organization of labor. S. I. Atrov. Sots. trud. 11 no. 5:81-82 '66.

Improvement of work organization. Let's serve for increasing labor productivity. Min. Stroitel'stvo, no. 6:29-30 '66.

PETROLEUM PIPELINES

(see also subdivision under Ufa)

Determining the time of presence of gas from intersected petroleum products. K. A. Kasperovich, V. I. Chernukhin. Stroitel'stvo, no. 14:16 Je '65.

Romanticism and labor heroism. A. A. 10 no. 4:26-29 Ap '65.

PETROLEUM PIPELINES—MAINTENANCE

Technological equipment of repair of petroleum products pipelines. G. Galkin, K. E. Raschepkin. Stroitel'stvo, no. 5:6-9 '66.

PETROLEUM PRODUCTION

(see also subdivision under Azerbaijan; Kazakhstan; Kyrangaya Oil Field; Field; Siberia, Western; White Russia)

Approximate solution to the problem of operation of an imperfect well in a stratum. Kh. A. Gulamov. Dokl. A. N. 12:3-7 '65.

Beat crew and section collectors in the B. Bondareva. Neftianik 10 no. 4:24-25 '66.

Investigating the petroleum recovery of soluble fluids in a bedded nonuniformly. I. A. Shvetsov. Neft. khoz. 44 no. 4:1-2 '66.

We are stabilizing the level of petroleum. D. Mamedov, N. Garibov. Neftianik 10 no. 5:5 '65.

PETROLEUM PRODUCTION—IN SITU

Experimental investigation of the core of oil saturated samples. I. A. Muratova. Neft. khoz. 44 no. 4:54-59 Ap '66.

PETROLEUM PRODUCTION, THERMAL

(see also subdivision under Azerbaijan) Effect of the activity of petroleum on the when using superheated steam for the. Kasimov. Azerb. neft. khoz. 45 no. 1:10 '66.

PETROLEUM PRODUCTS

Chernozhukov, N. I. [Technology of petroleum and gas processing] Tekhnologiya pererab. i gaz. [Izd. 4., pererab. i dop.] Moskva, Pt. 3. [Refining of petroleum products] production of special products: nefteproduktov i proizvodstva produktov, 1966. 360 p.

Some dangerously explosive properties of fraction used for fat and oil extraction. Masl. i zhir. prom. 32 no. 4:4-6 '66.

PETROLEUM PRODUCTS—MATHEMATICS see subdivision under Leningrad

PETROLEUM PRODUCTS—STORAGE

Effectiveness of underground petroleum storage in rock salt. N. T. Kon'akov. Neft i nefteprod. no. 5:30-32 '66.

PETROLEUM PRODUCTS—TRANSPORTATION

Economic effectiveness of transporting petroleum products through loops. I. N. Zhukov. Neft i nefteprod. no. 5:27-30 '66.

PETROLEUM REFINERIES

(see also subdivision under Moscow; White Russia; Ukhta; Komi A. S. R.)

Feedwater preparation at refinery. Neftianik 10 no. 5:28 My '65.

Petroleum refining veteran. B. Surkov. Neftianik 10 no. 4:28-30 Ap '65.

PETROLEUM REFINERIES—MATHEMATICS

Matrix model of the production and mass of a petroleum refinery plant. A. I. 13 no. 1 mat. metod. 2 no. 3:361-363 My-Je '66.

PETROLEUM REFINING

(see also subdivision under Baku; Kazakhstan; Kuznetsov, A. A., S. M. Kagermanov)

[Calculating processes and apparatus in the refining industry] Raschety protsessov i apparatov v rafiniruyemykh promyshlennostykh. Khimika, 1966. 335 p.

Using a statistical model for studying the petroleum refinery. G. I. Fridman. Neftoper. i neftekhim. no. 5:37-39 '66.

Who first invented the process of coal distillation? K. V. Kostin. Neftianik 10 no. 8:23 Ag '65.

PETROLEUM REFINING—DEASPHALTING

Gol'dberg, D. O., and D. A. Sobolev. [Deasphalting by propylene] Deasfal'tizatsiia propenom. Moskva, Khimnitsia, 1965, 102 p. (Bibliotekha molodogo rabochego)

PETROLEUM REFINING—DESALTING

Studying the process of oil desalting without feeding sodium into crude oil. D. I. Syeh and others. Neftoper. i neftekhim. no. 3:35-36 '66.

PETROLEUM REFINING—EQUIPMENT AND SUPPLIES

Apparatus for accelerated air cooling of high-melting bitumens. V. S. Akinov and others. Neftoper. i neftekhim. no. 3:35-37 '66.

Branch conference on atmospheric and atmospheric-vacuum installations. G. I. Kaz'min. Neftoper. i neftekhim. no. 3:49-51 '66.

Determining the probable parameters for designing centralized control systems of preliminary petroleum refining installations. V. M. Golitsyn. Mash. i elekt. obrab. no. 4:23-26 '66.

PETROLEUM WORKERS

(see also subdivision under Novogor'kiy, Gorkiy Province; Tatar A. S. S. R.)

Bearer of the three orders of Glory. A. Shakhmurov. Neftianik 11 no. 5:45 My '66.

Heroic achievement of tank men. B. Ponomarenko. Neftianik 11 no. 5:47 My '66.

How we prepare personnel. G. Shagcev. Neftianik 11 no. 5:48 My '66.

In the name of the Soviet fatherland. I. Chernoshanov. Neftianik 11 no. 5:48-9 My '66.

Lower Ombinsky section of Communist labor. E. Viktorovich. Neftianik 10 no. 8:19, 22 Ag '65.

Moscow. Tsentral'noe biuro promyshlennyykh normativ po trudu. [Norms for the number of workers engaged in the repair of technical equipment in petroleum refinery plants] Normativy chislennosti rabochikh, zanatykh na remonte tekhnologicheskogo oborudovaniya neftepererabatyvayushchikh zavodov. 2. izd. Moskva, 1965. 60 p.

The way of the worker. A. Gorkukhin. Neftianik 10 no. 8:13 Ag '65.

PETROLEUM WORKERS—DISEASES AND HYGIENE

Industrial hygiene and the health of petroleum workers. V. Luk'yanov. Neftianik 10 no. 4:37-38 Ag '65.

PETROLOGY

(see also subdivision under Aragats, Mount; Armenia; Chita Province; Kazakhstan; White Russia)

Experimental study of viscous magnetization. V. I. Trukhin. Izv. AN SSSR, Fiz. zem. no. 5:105-111 '66.

Petrophysics and its significance for the present and future of geology. V. N. Dukhinov, V. N. Kobranova. Sov. geol. 8 no. 9:118-123 S '65.

Tripartite equilibria and plotting diagrams of chemical component potentials for them. G. T. Ostapenko. Zap. Vses. min. ob-va 95 no. 2:145-157 '66.

PETROLOGY—CONGRESSES

Seventh Congress of the Carpatho-Balkan Geological Association and its activity in the field of petrology. S. P. Solov'ev. Zap. Vses. min. ob-va 95 no. 2:244-251 '66.

PETROV, DMITRII ANAN'EVICH

Zhekov, D. D. [Full bearer of the Order of Glory] Polnyi kavaler ordena Slavy. Iakutsk, Iakutskoe knizhnoe izd-vo, 1965. 34 p. (CST-II)

PETROV, PETR GAVRILOVICH, 1906-

Petr Gavrilovich Petrov; on his 60th birthday. Lit. proizv. no. 4:45 Ap '66.

PETROV, VASILII VASIL'EVICH, 1906-

Petrov, Vasilii Vasil'evich; on the occasion of his 70th birthday and 50 years in service. Tekh. kino i telev. no. 5:95 My '66.

PETROVSKII, LEONID GRIGOR'EVICH, 1902-1941

Assault positions on the banks of the Dnieper. G. Kulshov. Voen.-isl. zhur. 6 no. 6:16-20 Je '66.

PHAGOCYTOSIS

Changes in the phagocytic activity of blood neutrophils in dogs in the process of a chronic lesion by radioactive strontium. L. N. Solov'eva, S. R. Nemirovich-Danchenko, M. F. Alekseeva. Zhur. mikrobiol., epid. i immun. 41 no. 7:146-150 Ji '64.

Effect of penicillin in various concentrations on phagocytosis in swine. V. D. Chernigov. Uch. zap. Vtob. vet. inst. 18:270-276 '64.

Effect of ultraviolet deficiency and C hypovitaminosis on the phagocytic reaction of human blood leucocytes. N. A. Davydova. Zhur. mikrobiol., epid. i immun. 41 no. 7:154 Ji '64.

Epidemiological effectiveness of planned phage treatment in day nurseries. M. I. Kagan and others. Zhur. mikrobiol., epid. i immun. 41 no. 7:99-102 Ji '64.

Phagocytosis in paramnesia under conditions of individual and mass culture. N. E. Kovalova. TSitologiya 6 no. 4:320-324 Ji-Ag '64.

PHARMACEUTICAL RESEARCH

Equipment of the experimental drugstore of the Central Scientific Research Pharmaceutical Institute. E. G. Turavskii, E. I. Panchenko. Apt. delo 15 no. 2:9-18 Mr-Ap '66.

Study of the properties of emulsion bases. M. Kh. Gluzman, G. S. Bashura. Apt. delo 15 no. 2:24-29 Mr-Ap '66.

PHARMACISTS

Tasks of the pharmacist. I. P. Kotsiubinskii. Farmatsev. zhur. 10 no. 2:90-92 '64.

PHARMACOGNOSY—STUDY AND TEACHING see subdivision under Moscow

PHARMACOLOGY

Cholinesterase reactivators, a new class of pharmacological substances. S. N. Golikov and others. Vest. AMN SSSR 21 no. 5:3-8 '66.

Mechanism of the antirhythmic action of pharmacological substances. Z. P. Senova. Farm. i toks. 29 no. 2:177-180 Mr-Ap '66.

Noncompetitive mechanisms in the effect of drugs; review of the literature and laboratory research. I. V. Komissarov. Farm. i toks. 29 no. 2:244-250 Mr-Ap '66.

Organization of information on medicinal substances. I. A. Felipchuk, E. N. Lankhonen. Apt. delo 15 no. 2:60-64 Mr-Ap '66.

Pharmacological properties of 4 new esters of aromatic acids and amino alcohols. P. P. Denisov, K. A. Lisitsina. Farm. i toks. 29 no. 2:146-151 Mr-Ap '66.

Pharmacological properties of peptide derivatives of 5-methoxytryptamine. M. D. Mashkovskii, A. I. Polezhaeva. Farm. i toks. 29 no. 2:142-148 Mr-Ap '66.

Pharmacology of esters of N, N-dimethyl-p-sulfamido-benzoic acid. I. I. Krasil'nikov. Farm. i toks. 29 no. 2:163-167 Mr-Ap '66.

Pharmacology of the alkaloid ephedramonine. E. A. Trutneva, V. V. Berezhinskaya. Farm. i toks. 29 no. 2:171-174 Mr-Ap '66.

Possibilities of using a neuronally isolated cortex for studying the mechanisms of action of pharmacological substances in chronic experiments. M. M. Khananashvili. Biol. eksp. biol. i med. 58 no. 12:86-88 D '64.

Serebrov, A. I., and I. F. Grekh, eds. [Nonspecific medicinal prevention and treatment of cancer; some ways of development] Neopetsificheskaya lekarnostvennaya profilaktika i terapiya raka; nekotorye puti razvitiya. [Leningrad] Meditsina, 1966. 200 p. (DNLM)

Statistical evaluation of the results of medical intervention, using the method of gradual analysis. B. S. Resmertnyi. Uch. zap. po stat. 9:81-102 '65.

Unmasking the effect exerted by sympathetic impulses on the thyroid gland. B. V. Alekhin, L. A. Us. Biol. eksp. biol. i med. 58 no. 9:20-30 S '64.

PHARMACOPOEIAS

Publication of the 10th edition of the State Pharmacopoeia of the U. S. S. R. Report No. 1. M. M. Bushkova and others. Farmatsev. zhur. 21 no. 2:41-45 '66.

PHARMACY

(see also subdivision under Tuva A. S. S. R.; Ukraine; Vilnius Province)

Sixth year of the seven-year plan and the tasks of pharmacists. Farmatsev. zhur. 19 no. 2:3-6 '64.

Study of the swelling time of hellebore roots. V. V. Diakova, O. I. Belova. Apt. delo 15 no. 2:21-24 Mr-Ap '66.

Use of askankol and cherkaskol for the preparation of emulsion-type ointments and of complex dispersed systems and their concentrates. I. A. Murav'ev, M. A. Zharkova. Apt. delo 15 no. 2:29-33 Mr-Ap '66.

PHARMACY—BIBLIOGRAPHY see Bibliography—Pharmacy

PHARMACY—CONGRESSES

25th International Pharmaceutical Congress. I. A. Murav'ev, A. I. Tentsova. Apt. delo 15 no. 2:81-86 Mr-Ap '66.

PHARMACY—NOMENCLATURE

Names of pharmaceutical preparations derived from the natural names of minerals and metals. M. H. Kazimovskii. Farmatsev. zhur. 20 no. 3:72-76 '65.

PHARMACY AS A PROFESSION

Professional duty and ethical conduct of drugstore employees. G. A. Monakhov. Apt. delo 15 no. 2:53-55 Mr-Ap '66.

PHASE RULE AND EQUILIBRIUM

Determining the composition of the Guinier-Preston zones during natural and artificial aging. A. V. Dobromyslov, N. N. Butinov. Fiz. met. i metalloved. 21 no. 4:616-618 Ap '65.

Effect of cyclic heat treatment on austenite transformation in magnesium cast iron. K. P. Bunin and others. Dop. AN URSSR no. 4:463-466 '66.

Effect of temperature on the rate of magnesium removal from liquid cast iron. I. M. Levechenko. Dop. AN URSSR no. 4:467-469 '66.

Estimation of the heat of phase transitions and the energy of vacancy formation in pure metals. P. P. Kuz'menko, P. A. Suprunenko. Fiz. tver. tela 8 no. 5:1329-1335 My '66.

High-temperature metallographic examination of the kinetics of γ - α transformations in iron-nickel alloys. V. A. Dubrov. Fiz. met. i metalloved. 21 no. 4:551-554 Ap '66.

Shear mechanism of a polymorphic transformation during the heating of annealed chromium. I. N. Kidin, M. A. Shtramel', V. I. Lizunov. Fiz. met. i metalloved. 21 no. 4:535-539 Ap '66.

Three-phase liquid-liquid-vapor equilibria in the system isopropanol-hexane-water. A. G. Morachevskii, L. A. Legochikina. Zhur. prikl. khim. 38 no. 8:1789-1793 Ag '65.

Using the microhardness method to study quaternary constitutional diagrams. A. M. Zakharov. Izv. vys. ucheb. zav.; svet. met. 9 no. 2:117-122 '66.

PHENANTHRENECARBOXYLIC ACID

Stereochemistry of cyclic compounds. Report No. 65; Stereochemistry of oxidation of one of geometric isomers of 13-methyl-7-acetoxy-4(12)-dodecaldehydophenanthrene-1,2-dicarboxylic acid and its derivatives. I. A. Curvich, I. M. Mil'shtein, V. F. Kucherov. Izv. AN SSSR, Ser. khim. no. 5:875-878 '66.

PHENANTHRENEDIOL

ABC-part of 19-nor corticoids. Part 3: Synthesis of 7-ethylenedioxy-1,2,3,4,4a,4ba,5,6,7,8,8a,9,10,10aa-4-perhydrophenanthrene and configuration of 7-ethylenedioxy-1,2,3,4,4a,4ba,5,6,7,8,10,10ad-dodecaldehydophenanthrene-1,2-dicarboxylic acid. K. K. Pivinskii, I. V. Torgov. Zhur. ob. khim. 36 no. 5:843-850 My '66.

PHENANTHROL

ABC-part of 19-nor corticoids. Part 2: 7-ethylenedioxy-1,2,3,4,4a,4ba,5,6,7,8,10,10ad-dodecaldehydophenanthrene-1,2-dicarboxylic acid (10-epimer of 19-nor ketone of Sarett). K. K. Pivinskii, I. V. Torgov. Zhur. ob. khim. 36 no. 5:835-842 My '66.

PHENARSAZINESULFONIC ACID

Sulfur-containing organic compounds of arsenic. Part 3. Synthesis and properties of some thio esters of 5,10-dihydrophenarsazinic acid. N. A. Chadaeva, G. Kh. Khamaev, K. A. Mamukov. Zhur. ob. khim. 36 no. 5:916-920 My '66.

PHENOL CONDENSATION PRODUCTS

Condensation of phenol with allyl alcohol and propionic aldehyde on the KU-2 cation-exchange resin. V. I. Isagulyants, V. P. Evtaf'ev, L. I. Eroshova. Zhur. prikl. khim. 38 no. 8:1378-1380 Ag '65.

PHENOLS

Addition of phenol to the cyclic benzyl ester structural links of lignin. M. I. Chudakov, A. V. Milovanov. Glukozil, i lesokhim. prom. 19 no. 4:17-18 '66.

Alkylation of phenols with higher olefins. O. N. Tsvetkov and others. Khim. prom. 42 no. 5:322-329 My '66.

Automation of alkylphenol washing in an installation for the production of additives. G. I. Ievkov, I. T. Skorikov. Neftoper. i neftekhim. no. 3:43-45 '66.

Detection of p-nitrosophenol impurity in reactive quinone dioxime. E. A. Titov, S. I. Burmistrov, V. I. Serata. Zav. lab. 32 no. 1:21-22 '65.

Effect of phenol sewage on the taste and smell of fish. V. I. Luk'yanenko. Ryb. khoz. 42 no. 3:10-11 '66.

Kinetics and mechanism of formation of cycles in mercuration of organic compounds. Part 1: Chloromercuration of o-allylphenol. I. M. Vasil'kevich, E. A. Shilov. Ukr. khim. zhur. 32 no. 4:474-485 '66.

Properties of phenol complexes of vitamin B₂. A. M. Urkevich, I. P. Rudakova, T. A. Pospelova. Zhur. ob. khim. 36 no. 5:850-853 My '66.

Role of bacteria in self-purification of some Dnieper reservoirs from phenol pollution. A. K. Steibumov. Gidrobiol. zhur. 2 no. 2:26-30 '65.

Transmission oils from extracts of phenol purification (results of stand and laboratory tests). E. M. Maksimov. Eksp. i tekhn. svots. i prim. avt. top. i smaz. mat. i spetsial. no. 4:118-125 '66.

PHENOLS—PHYSIOLOGICAL EFFECT

Determination of antimicrobial action during observations on the early stages of bacterial development. E. P. Pashkov, E. V. Iusakova. Zhur. mikrobiol., epid. i immun. 41 no. 8:22-26 Ag '64.

PHENOLS—TOXICOLOGY

Electrolytes as a factor intensifying the bactericidal properties of phenol preparations. G. M. Bosh'ian. Trudy VNIIVS 16:83-91 '66.

PHENOTHIAZINE

Chromatography of 10-substitutes of phenothiazine on an unfastened thin layer of aluminum oxide. T.I. Bulenkov, Farmatsev. zhur. 19 no. 2:32-34 '64.

Effect of a tranquilizer of the phenothiazine series (phyrathiazine) and dibenamine during early pregnancy in lactescent and nonlactescent mice. D.A. Nishshinskaya, I.U. B. Baevskii. Dokl. AN SSSR 168 no. 1:244-246 My '66.

PHENYLKETONURIA

Akademii pedagogicheskikh nauk RSFSR, Moscow. [Abnormally developed children; distinguishing oligophrenia from similar conditions] Deti s otkloneniami v razviti; otrazhenie oligofrenii ot skhodnykh sostoi-ani. Pod red. M.S. Pevzner. Moskva, Prosveshche-nie, 1966. 269 p. (DNLM)

PHEOCROMOCYTOMA

Pheochromocytoma removed through the abdominal cavity in diagnostic laparotomy. S.S. Nesterov. Probl. en-dok. i gorm. 10 no. 2:69-61 Mr-Apr '64.

PHEOPHORIDES

Pheophorides of green bacteria. V.E. Uspenskaya, R.S. Sumarukova. Mikrobiologiya 35 no. 2:200-205 Mr-Apr '66.

PHEOPHYTINS

Effect of the nature of cation salt on the kinetics of pheophytinate formation in ethanol. B.D. Berezin, N.I. Sosnikova. Kin. i kat. 7 no. 3:248-253 Mr-Apr '66.

PHILOSOPHICAL RESEARCH see subdivision under Yugoslavia

PHILOSOPHY see subdivision under Estonia

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—PERIODICALS

Readers' conference in Tiflis. L.I. Sleskeridi. Vop. filos. 20 no. 4:172-174 '66.

PHILOSOPHY, UKRAINIAN

Kozlov, N.S. [Revolutionary-democratic and philosophi-cal thought in the Ukraine in the late 19th and the early 20th centuries; a lecture] Revoliutsionno-demokratich-eskaya i filosofskaya mysli na Ukraine v kontse XIX-na-chale XX v.; lektsiia. [Moskva] Izd-vo Mosk. univ., 1966. 57 p.

PHILOGOPITE

Studying the process of hydration and vermiculization of phlogopite crystals. V.A. Liope, M.S. Metsik. Rent. min. syr. no. 4:170-173 '64.

PHONOGRAPH

Simple radio-phonograph combination. L. TSyganova. Radio no. 4:41-46 Ap '66.

PHONONS

New resonance related to the mutual entrapment of electrons and phonons. F.G. Bass. Pis' v red. Zhur. eksper. i teoret. fiz. 3 no. 9:357-361 My '66.

PHONONS—CAPTURE

Estimation of the cross sections of multiphonon trapping in non-Condon approximation. E.P. Sinlavskii. Fiz. tver. tela 8 no. 5:1525-1532 My '66.

PHONORECORDS

Oslanovskii, T.S. [Phonograph records, assortment and quality indices] Grammofonye plastinki, assorti-ment i pokazateli kachestva; uchebnoe posobie. Moskva, Mosk. in-t nar. khoz., 1965. 22 p.

PHOSPHATASES

Alkaline phosphatase of neutrophils in acute cholecystitis. V.A. Avakimian. Vest. khir. 96 no. 4:18-21 Ap '66.

Histochemical study of alkaline phosphatase in lymphoid tissue of guinea pigs immunized with various antigens. D.N. Stolenov. Arkh. pat. 28 no. 4:45-49 '66.

PHOSPHATE MINES AND MINING see subdivision under Karatau (Kazakhstan)

PHOSPHATES

Effect of fluorine in the production of concentrated phos-phate fertilizers. A.A. Sokolovskii. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:76-79 '66.

Reaction of liquid sulfur trioxide with phosphates. S.N. Kondrat'ev, S.I. Melnikova. Zhur. neorg. khim. 11 no. 4:780-786 Ap '66.

Surface tension of the melts LiPO_3 - NaPO_3 , $\text{Ca}(\text{PO}_3)_2$ - NaPO_3 , $\text{Ba}(\text{PO}_3)_2$ - KPO_3 . I.D. Sokolova, E.L. Krivizlavov, N.K. Vokresenskaya. Zhur. neorg. khim. 11 no. 4:898-901 Ap '66.

PHOSPHATIDES

Origin of phospholipids in milk. I.G. Rogal'. Fiziol. zhur. 51 no. 2:263-268 F '65.

PHOSPHINE

Addition reactions of trivalent phosphorus with acid N-chloramides. Part I: Interaction of phosphites and tri-phenylphosphine with N-chloro-N-alkyl sulfamides. V.A. Shokol, L.I. Molavko, G.I. Derkach. Zhur. ob. khim. 36 no. 5:930-937 My '66.

Reaction of ethyldichlorophosphine with maleic acid and its monoesters. A.N. Pudovik, V.K. Khaifullin, T.I. Sobchuk. Izv. AN SSSR, Ser. khim. no. 5:932-934 '66.

Thermal reaction between triphenylphosphine and diphenyl iodonium borofluoride. O.A. Pitsyna, M.E. Pudoeva, O.A. Reutov. Dokl. AN SSSR 168 no. 3:595-598 My '66.

PHOSPHINE OXIDE

Effect of the nature of acidoligands on the complex formation of uranyl with tri-n-butylphosphine oxide. S.M. Sinitsyna, N.M. Sinitsyn. Dokl. AN SSSR 168 no. 1:110-112 My '66.

PHOSPHINIC ACID

Reaction of hydroxymethylphosphinic acid with trialkyl silicon hydrides. N.F. Orlov, V.P. Mileshkevich. Zhur. ob. khim. 36 no. 5:892-895 My '66.

Synthesis of peresters of alkyl and alkylmethoxy-phosphonic acids. T.I. Iurzhenko, B.I. Kaspruk. Dokl. AN SSSR 168 no. 1:113-115 My '66.

PHOSPHINIC AMIDE

Phenylvinylphosphinic acid amides. I.A. Nuretdinov and others. Izv. AN SSSR, Ser. khim. no. 5:839-843 '66.

PHOSPHITES

Addition reactions of trivalent phosphorus with acid N-chloramides. Part II: Interaction of phosphites and tri-phenylphosphine with N-chloro-N-alkyl sulfamides. V.A. Shokol, L.I. Molavko, G.I. Derkach. Zhur. ob. khim. 36 no. 5:930-937 My '66.

PHOSPHOMOLYBDATES

Phosphomolybdate - metal phosphomolybdate equilibrium constants for the titanium subgroup. I.U. F. Shkaravskii. Zhur. neorg. khim. 11 no. 4:787-802 Ap '66.

PHOSPHORAMIDIC ACID

Synthesis and properties of amides of cyclic phosphorous acids. V.S. Abramov, Z.S. Druzhina. Zhur. ob. khim. 36 no. 5:923-930 My '66.

PHOSPHORIC ACID

Some notes concerning the mechanism of catalytic con-versions of α -pinene under the effect of H_3PO_4 deposi- ted on activated birch coal. I.U. F. Khusov, A.I. Lomoti- kin. Dokl. AN BSSR 10 no. 5:309-311 My '66.

PHOSPHORIC ACID—TOXICOLOGY

Protective effect of 1-phenacylclohex-4-methylpyri- dine chloride in experimental phosphacol poisoning. M. Miloshevich and others. Farm. i toks. 29 no. 2: 229-234 Mr-Apr '66.

PHOSPHORIC TRIAMIDE—TOXICOLOGY

Experimental analysis of the permissible limit concentra- tion of phosphoramidate in the water of reservoirs. K.I. Akulov, V.T. Muzaev. San. okhr. vod. ot zagr. prom. stoich. vod. no. 7:84-93 '66.

PHOSPHORITES

(see also subdivision under Kazakhstan; Kuznetsk Aktau)

Sintering of phosphorite fines. M.I.A. Kutovskii. Obog. rad. 10 no. 9:20-32 '65.

Tectonic position of Paleozoic phosphorite-bearing forma- tions. V.L. Librovich. Trudy VSEGEI 128:66-72 '66.

PHOSPHOROTHIOIC ACID

Interaction of trialkyl thiophosphates with O,O'-dialkyl- thiophosphoric acid salts. P.G. Zaks and others. Zhur. ob. khim. 36 no. 5:857-860 My '66.

PHOSPHOROTHIOIC ACID—PHYSIOLOGICAL

EFFECT
Effect of cyclophosphane and thiophosphamide on pro- teins of the blood and its saturation with oxygen. A.M. Efimenko. Farm. i toks. 29 no. 2:215-218 Mr-Apr '66.

PHOSPHOROUS ACID

Bis (triarylglycidyl) phosphites. N.F. Orlov, L.N. Volo- dina. Zhur. ob. khim. 36 no. 5:920-923 My '66.

PHOSPHORS

Antonov-Romanovskii, V.V. [Kinetics of the photolumi- nescence of crystal phosphors] Kinetika fotolumines- tsentsei kristallosforov. Moskva, Nauka, 1966. 323 p.

Effect of a second activator on trapping centers in zinc sulfide crystal phosphors. A.S. Babaev. Dokl. AN Tadzh. SSR 9 no. 4:10-13 '66.

PHOSPHORUS—EFFECT ON PLANTS see Plants, Effect of phosphorus on

PHOSPHORUS—EFFECT ON SEEDS see Seeds, Effect of phosphorus on

PHOSPHORUS ACIDS

Migration polymerization of acid diphosphites, diphos- phinites with p-toluenedimethoxycarbonate and various com- pounds having two double bonds. A.N. Pudovik, M.A. Pudovik. Dokl. AN SSSR 168 no. 2:354-356 My '66.

PHOSPHORUS COMPOUNDS

Reaction of N-chloramidines with trivalent phosphorus compounds. O.V. Kirsanov, M.V. Kolotylo, H. I. Derkach. Dop. AN URSS no. 4:480-483 '66.

PHOSPHORUS IN THE BODY

Age-related characteristics of macroenergetic phosphorus compounds in skeletal muscles under rest and exercise conditions. V.V. Frolov, E.V. Fubstein. Vop. med. khim. 12 no. 3:248-253 My-Je '66.

PHOSPHORUS METABOLISM

Disorders of phosphorus metabolism in acute kidney insufficiency caused by blood transfusion complications. L.L. Vinogradova, V.A. Agranecko, A.A. Safarova. Probl. gemat. i perel. krovi 11 no. 3:34-40 Mr '66.

PHOSPHORUS ORGANIC COMPOUNDS see Organo-phosphorus compounds

PHOSPHORYL CHLORIDE

Syntheses of alkyl- and aryl-substituted phosphazene phosphoxides and some of their transformations. A.I.A. Iakubovich and others. Zhur. neorg. khim. 11 no. 4:810-816 Ap '66.

PHOSPHORYLATION

Effect of heteroauxin and gibberellin on the respiration and oxidative phosphorylation in the mitochondria of pea sprouts. G.M. Zhiyukhina, N.I. Iakushkina. Fiziol. rast. 13 no. 1:159-162 Ja-F '66.

Glycolysis in thermoregulatory separation of respiration and phosphorylation. E.A. Mikhukova. Vop. med. khim. 12 no. 3:302-308 My-Je '66.

PHOTOCHEMISTRY

Mechanism involved in the decomposition of hydro- carbons at low temperatures photosensitized by benzene. V.G. Vinogradova and others. Dokl. AN SSSR 168 no. 1:134-136 My '66.

Photolysis of some copper compounds. G.A. Shaglaul- tanova, L.A. Il'ukovich. Zhur. neorg. khim. 11 no. 4: 945-947 Ap '66.

Photosensitivity of polyvinylbenzal and its nitro deriva- tives. A.P. Belikov and others. Vysokom. smet. 3 no. 5:913-912 My '66.

PHOTOCONDUCTIVITY

Model with two photoelements imitating color vision of man and its anomalies. N.G. Volkov, V.K. Liapidevskii. Dokl. AN SSSR 160 no. 3:687-690 My '66.

Photoconductivity of dielectrics as stimulated by laser radiation. V.S. Dneprovskii, D.N. Klyshko, A.N. Pen- nin. Pis' v red. Zhur. eksper. i teoret. fiz. 3 no. 10:385-389 My '66.

Photoconductivity of dyed fibrous materials. I.P. Fedo- tov, B.M. Iavorskii. Izv. vys. ucheb. zav.; tekhn. tekhn. prom. no. 2:115-119 '66.

Photoconductivity of ruby under powerful irradiation from a ruby laser. T.P. Belikova, E.A. Sviridenko. Pis' v red. Zhur. eksper. i teoret. fiz. 3 no. 10:394-398 My '66.

Spectra and kinetics of the infrared surface photocon- ductivity of silicon. V.G. Litovchenko, V.P. Kovbasiuk, P.T. Sviridenko. Fiz. tver. tela 8 no. 4:1147-1148 Ap '66.

Spectra and photoconductivity kinetics of p and n-germa- nium irradiated with fast electrons at 100 and 5,2 K. I.P. Akimchenko, M.I. Ginzburg, A.F. Plotnikov. Fiz. tver. tela 8 no. 4:1168-1175 Ap '66.

PHOTOCOPYING PROCESSES—EQUIPMENT AND SUPPLIES

New brands of diazotype tracing paper. M.S. Fedotova, Z.A. Roshchina. Bum. prom. no. 5:20 My '66.

PHOTOELASTICITY

Calculation of the effect of Poisson's ratio for a multiply connected ponderable half plane in problems of photo- elasticity. G.L. Khorin, A.V. Dmochovskii. Izv. vys. ucheb. zav.; stroit. i arkhit. 9 no. 3:45-49 '66.

Determining the inflection point of an isostatic in in- vestigating stresses by the photoelastic method. V.S. Baidurov. Izv. vys. ucheb. zav.; mashinostr. no. 11: 26-29 '64.

PHOTOELECTRIC CELLS

Litvak, V.I. [Photoelectric transducers in check, regu- lation, and control systems] Fotoelektricheskie datchiki v sistemakh kontrolya, upravleniya i regulirovaniia. Moskva, Nauka, 1966. 409 p.

PHOTOELECTRIC MEASUREMENTS

Classification of photoelectric and television measurement methods. S. P. Korndorf, N. S. Muronova, E. I. A. Surava. Tekhn. kino i telev. no. 5:67-68 My '66.

Grinshtein, M. M., and L. M. Kuchbikina. [Photoelectric concentration meters for automatic control and regulation systems]. Fotoelektricheskie kontroly i regulirovaniya dlya avtomaticheskogo kontrolya i regulirovaniya. Moskva, Mashinostroyeniye, 1966. 170 p.

Photoelectric apparatus for studying thickness nonuniformity of nylon monofilaments. N. M. Rudnyi, A. P. Klimentko. Khim. mashinostr. no. 2:184-189 '65.

Photoelectric apparatus with light flux modulation for the flow control of viscous fluids. A. P. Klimentko, N. M. Rudnyi. Khim. mashinostr. no. 2:180-183 '65.

Using a curvilinear mirror for scanning the image in photoelectric pickups. I. U. D. Kudiatov, I. V. Kedra. Avtomatiz. proizv. prots. v mashinostr. i prib. no. 2: 59-75 '65.

PHOTOELECTRIC MULTIPLIERS

Energy equivalent of the intrinsic noises of certain photoelectric multipliers. A. Litva, E. Ives, I. A. M. Panning. Izv. AN Est. SSR, Ser. fiz.-mat. i tekhn. nauk 15 no. 1:88-93 '66.

PHOTOELECTRICITY

Ferrimagnetic semiconductors in which exchange coupling is realized via the conduction electrons. A. A. Berdyshev. Fiz. tver. tela 8 no. 5:1382-1389 My '66.

PHOTOGRAMMETRY

Application of stereophotogrammetry in anthropometric research. V. D. Pukhov and others. Shvein. prom. no. 2:22-25 Mr-Apr '66.

PHOTOGRAPHIC INTERPRETATION

Alt'er, S. P. [Landscape method of interpreting aerial photographs; general situations and principles]. Landshaftnyy metod detshifirovaniya aerofotosnimkov; obshchie polozheniya i printsipy. Moskva, Nauka, 1966. 86 p.

Apparatus for photographic interpretation. E. A. Osipov, M. V. Ostrovskii. Geod. i kart. no. 3:50-52 Mr '66.

Card index of interpretation indicators for vegetation and soils. E. R. Malov. Geod. i kart. no. 3:52-55 Mr '66.

Using the characteristics of vegetation in photographic interpretation of landscape forms at the Kulyshyev Reservoir. R. P. Savel'eva. Bot. zhur. 51 no. 4:546-550 Ap '66.

PHOTOGRAPHIC SURVEYING

Photogrammetry in construction. I. F. Boigov, N. I. Ivanov. Prom. stroit. 43 no. 5:42-44 '66.

Using universal stereophotogrammetric apparatus for making city plans. V. A. Krumel's. Geod. i kart. no. 3: 42-48 Mr '66.

PHOTOGRAPHY

For high quality of photocontrol. O. S. Molotovskikh. Vest. protivovozd. chor. no. 5:48-51 My '66.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Quantitative determination of phenidone and its derivatives in photographic developers. T. A. Kolesnikova, N. I. Staroverova, A. P. Strel'nikova. Tekhn. kino i telev. no. 5:37-42 My '66.

PHOTOGRAPHY—FILMS

Method for determining diffuse and reflex halation in photographic materials. P. Kh. Pruss. Tekhn. kino i telev. no. 5:33-37 My '66.

PHOTOGRAPHY, FLASHLIGHT

Simple flash-lamp with feed from the power network. V. Sobolev. Radio no. 12:43 D '65.

PHOTOMECHANICAL PROCESSES

Imitation finishing of furniture by the photomechanical method. I. A. Batura. Lis., pap. i der. prom. no. 2: 4-8 Mr-Apr '66.

PHOTOMETERS

Automatic photometer for measuring the density of unicellular algae. A. B. Brandt, E. I. Akopov. Mikrobiologiya 35 no. 2:369-373 Mr-Apr '66.

Characteristics of the work with Zeiss photometer and Lange's electric photocolorimeter. G. G. Shitob. Khim. v sel. khoz. 4 no. 5:59-62 My '66.

Graduation of marine photometers for measuring illuminance and irradiance. E. M. Mezheritsky. Trudy Inst. okean. 77:116-120 '65.

PHOTOMETRY

Photometric method of determining sulfates. L. K. Pomomareva, A. A. Sokolova. Zav. lab. 32 no. 1:16-17 '66.

Photometric determination of bromate. F. P. Sudakov, A. E. Skvortsova. Zhur. anal. khim. 21 no. 4:498-499 '66.

Photometric determination of hemoglobin. E. I. Turchenko, S. E. Tukaishnik. Lab. delo no. 4:185-190 '66.

Photometric determination of niobium in alloyed steels with nitrosulphonic acid. E. I. Turchenko and others. Zav. lab. 32 no. 1:12-14 '66.

Photometric determination of zirconium in magnesium alloys with the reagent stilbazolil II. I. U. V. Pushinov, A. I. Cherkasov. Zav. lab. 32 no. 1:22-23 '66.

PHOTOMICROGRAPHY

Pseudomorphism in the dehydration of aluminum hydroxides. L. M. Kel'el and others. Zhur. neorg. khim. 11 no. 5:1222-1224 My '66.

PHOTOPERIODISM

Dynamics of natural gibberellins in various photoperiodic cycles. V. N. Lozhatkova. Dokl. AN SSSR 168 no. 1:223-226 My '66.

Effect of photoperiodic conditions on the diurnal activity of minks of various colors. D. V. Klochkov. Zool. zhur. 45 no. 5:786-788 '66.

PHOTOSYNTHESIS

Akademika nauk SSSR. Nauchnyi sovet po probleme fotosinteza. [Elementary photoprocesses in molecules]. Elementarnyye fotoprotsestry v molekulakh. Moskva, Nauka, 1966. 452 p.

Dependence of the intensity of photosynthesis on the temperature of leaves and the temperature difference between leaves and the air. V. S. Shaldurov. Sbor. trud. po agron. fiz. no. 12:80-87 '65.

Development of the photochemical activity of plastids in the course of greening. Z. M. Eldel'man, O. F. Popova. Bot. zhur. 51 no. 4:590-599 Ap '66.

Formation and productivity of the photosynthesizing apparatus of soybean under various irrigation conditions. K. N. Zhalilov, E. Kh. Khassenov. Fiziol. rast. 13 no. 1:165-168 Ja-F '66.

Formation of free radicals in seeds and leaves under the influence of photoinhibition. A. A. Shakhov. N. I. Bilezina. Dokl. AN SSSR 166 no. 3:704-707 My '66.

Photosynthesis and problems of increasing the yield of plants. A. A. Nishporovich. Vest. sel'khoz. nauk 11 no. 2:1-12 F '66.

Physiological significance of the green color in photosynthesizing plants. L. N. Bell. Fiziol. rast. 13 no. 1:7-14 Ja-F '66.

PHOTOTROPISM

Preparation of phototropic auxin iodides of varying composition. V. V. Sviridov, T. M. Leonova. Dokl. AN SSSR 166 no. 5:312-315 My '66.

PHTHIVAZIDE

Comparative data on pththivazide and methazid inactivation in the body of tuberculosis patients. G. A. Smirnov, T. I. Kozul'skaya. Probl. tub. no. 5:69-74 '64.

PHTHIVAZIDE—THERAPEUTIC EFFECT

Effect of pththivazide on immunogenesis in vaccination against diphtheria and whooping cough in children with manifestations of primary tuberculosis. B. A. Reznik. Zhur. mikrobiol., epid. i immun. 41 no. 8:50-54 Ag '64.

PHYCOMYCETES

Parasitism of the Entomophora (fungus on mosquitoes of the Culex pipiens L. complex). E. S. Kuprianova. Zool. zhur. 45 no. 5:675-678 '66.

PHYSICAL AND THEORETICAL CHEMISTRY see Chemistry, Physical and theoretical

PHYSICAL EDUCATION AND TRAINING

For popularity and skill. G. Eliseev. Sov. profsoyuz 22 no. 9:20-21 My '66.

Semenova, E. I. [Olympic sources]. Olimpiskie ruchelki. (Moskva) Molodaya gvardiya, 1966. 94 p. (Biblioteka komsomol'skogo aktivista)

PHYSICAL EDUCATION FOR CHILDREN

(see also subdivision under Moldavia)

Gandel'man, A. B., and K. M. Smirnov. [Physical education of schoolchildren; the medical and biological aspects]. Fizicheskoe vospitaniye detei shkol'nogo vozrasta; mediko-biologicheskie osnovy. 2, perer. i dop. izd. Moskva, Fizkul'tura i sport, 1966. 254 p. (DNEM)

Gymnastic apparatus for children. L. Kd'chevskaya, V. Savel'eva. Doshk. vosp. 39 no. 4:106-111 Ap '66.

Physical education assignments for summer. Sh. Z. Gusek. Nach. shkola 34 no. 5:80-82 My '66.

Physical education of students. G. Kalashnikov. Nar. obr. no. 5:31-33 My '66.

PHYSICAL GEOGRAPHY

(see also subdivision under Africa; Africa, East; Chuvosvaya Valley; Lithuania; Pamirs; Ural Mountains; Vishera Valley, Perm Province)

Zubov, S. M. [Physical geography of the U.S.S.R.; a regional survey]. Fizicheskaya geografiya SSSR; regional'nyi obzor. Minsk, Vysshaya shkola.

Pl. I. [Physicogeographical regionalization of the U.S.S.R. European part of the U.S.S.R. The Caucasus]. Fiziko-geograficheskoe raionirovaniye SSSR. Evropeiskaya chast' SSSR. Kavkaz. 1965. 363 p.

PHYSICAL METALLURGY

Akademika nauk SSSR. Institut metalurgii. [Internal friction in metals and alloys]. Vnutrennee treniye v metalakh i splavakh. Moskva, Nauka, 1966. 243 p.

Physical nature of critical concentrations. Determination of activity coefficients by critical concentrations. E. S. Filippov, S. I. Filippov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:10-16 '66.

Possible physical nature of jump-like deformations. I. U. Romashkin, L. M. Shestopalov. Fiz. met. i metalloved. 21 no. 4:621-623 Ap '66.

PHYSICAL THERAPY

Letter to the editors. M. E. Mannikov. Vop. kur. fizioter. i lech. fiz. kul't. 29 no. 5:465-466 S-O '64.

Physiotherapeutic methods of treatment in the clinical aspects of tuberculosis. S. R. Lachinian, T. I. Eremincheva. Probl. tub. 42 no. 6:16-24 '64.

PHYSICALLY HANDICAPPED—EMPLOYMENT

Let's change the system of placement. B. Solov'ev. Sot. obshch. 41 no. 5:39 My '66.

PHYSICS

Livontsev, N. M. [Course of physics for medical institutions of higher education]. Kurs fiziki dlia meditsinov. 3. izd. perer. i dop. Moskva, Vysshaya shkola, 1966. 512 p.

PHYSICS—ABSTRACTS

[Physica] Ref. zhur.: Fiz. Avtorskiy ukazatel' za 1965 g.

PHYSICS—EXPERIMENTS

Development of school experiments in physics. A. A. Pokrovskii. Izv. APN no. 141:41-44 '65.

PHYSICS—PHILOSOPHY

Definition of physics as a branch of science. O. Z. Zhmudskiy. Filos. probl. such. pyrod. no. 2:36-45 '64.

Special features of the correlation of microphenomena and their role in the interpretation of the special aspects of microcausation. L. P. Kurylo. Filos. probl. such. pyrod. no. 2:76-83 '64.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Ival'd, I. V., M. H. Kikots', and M. A. Kiyvnykh. [Methods for solving problems in physics; a handbook for teachers]. Metodyka rozv' lazuvaniia zadach z fiziky; posibnykh dlia vchyteliv. Kyiv, Radians'ka shkola, 1965. 276 p.

PHYSICS—STUDY AND TEACHING

Emotional factor as a means of extending the knowledge of physics. A. T. Soslov'ska, O. F. Polonska. Rad. shkola 45 no. 5:70-76 My '66.

Outline of students' knowledge of physics in elementary, eight-year, and secondary schools. A. V. Usova. Izv. APN no. 141:31-35 '65.

Problem of the relation between modern and classic physics in a secondary school course. S. I. Ivanov. Izv. APN no. 141:27-30 '65.

Reorganization of the secondary school physics course in the light of the modern achievements of science. L. I. Reznikov. Izv. APN no. 141:5-22 '65.

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Physics; program, methods instructions and tests for technology major students of correspondence institutions of higher learning, departments and sections]. Fizika; programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia studentov tekhnicheskikh spetsial'nostei zaochnykh vysshiikh uchebnykh zavedeni, fakul'tetov i otdelenii. Pod red. A. G. Chertova. Izd. T. i. izpr. Moskva, Vysshaya shkola, 1965. 173 p.

Structure and content of the physics program for secondary schools. A. K. Abas-zade. Izv. APN no. 141:23-26 '65.

Technical applications in the teaching of a school course in modern physics. M. N. Skatkin. Izv. APN no. 141:36-40 '65.

Theory of fields in a secondary school physics course. S. N. Prokof'ev. Izv. APN no. 141:111-119 '65.

PHYSIOLOGICAL APPARATUS

Apparatus for automatic recording of the behavior of rats for the experimental evaluation of the effect of minor tranquilizers. T. A. Klygul', V. A. Krivopalov. Farm. i toks 20 no. 2:241-244 Mr-Apr '66.

Methodology for determining the secretion of bile. G. B. Mshitarova. Fiziol. zhur. 50 no. 11:1402-1403 N '64.

Operational kinesimetry of the biliary tract. V. V. Vinogradov, T. D. Zaitan. Vest. khir. 96 no. 4:3-5 Ap '66.

Use of oxyhemograph as an amplifier in the polarographic determination of the oxygen content in tissues. A. I. Beketov, D. I. Sapegin. Lab. delo no. 4:243-247 '66.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGICAL THERAPEUTICS see Therapeutics, Physiological

PHYSIOLOGY

Age-related changes in some morphological and functional indices of the female body in aging. V. A. Gumburtsov, V. N. Lavina. Trudy MOIP, Otd. biol. 17:117-123 '66.

PHYSIOLOGY—CONGRESSES

3d International Symposium on the Biochemistry and Physiology of Alkaloids. T. N. D'Anskaja, I. I. Fadeeva. Apt. delo 15 no. 2:88-89 Mr-Apr '66.

PHYTOBENTHOS see subdivision under Danube Delta

PHYTOGEOGRAPHY

Geography of the fruit bearing of wild trees, shrubs, and berry patches. A. G. Voronov. Vest. Mosk. un. Ser. 5: Geog. 20 no. 2:82-83 Mr-Apr '65.

PHYTONCIDES

Antimicrobial properties of some berries: survey. S. I. Zolopukha. Vop. pit. 23 no. 4:78-81 Ji-Ag '61.

PHYTONCIDES—CONGRESSES

Fifth All-Union Conference on Phytoncides. S. I. Zolopukha. Mikrobiol. zhur. 28 no. 2:98-100 '66.

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytopathogenic

PHYTOPLANKTON

(see also subdivision under Volga River)

Filters from ultrafine glass fiber used in phytoplankton filtration. A. F. Vengrenovskii. Gidrobiol. zhur. 2 no. 2:55-57 '66.

PICOLINIC ACID

Effectiveness of picloram (tordon) as an herbicide. M. S. Sokolov, A. N. Kasikhin. Khim. v sel'. khoz. 4 no. 5:70-75 My '66.

PICROLONIC ACID

Picrolonates of some new medicinal preparations. M. P. Lavors'kii. Farmatsev. zhur. 19 no. 2:65-69 '64.

PIERS

Construction of piers for suction pipes. F. M. Gumatnyi, L. P. Safronov. Energ. stroi. no. 2:55-62 '65.

Pier-constructing equipment. A. A. Malinskii, G. D. Detin. Mekh. stroi. 22 no. 4:25-28 Ap '65.

PIEZOELECTRICITY

Temperature dependence of the piezoelectric effect in selenium rectifier cells. A. V. Shibaeva. Izv. vys. ucheb. zav. i. 9 no. 2:51-54 '66.

PIGMENTS

Changes in the qualitative composition of pigments of the red-orange group of actinomycetes under various cultivation conditions. N. F. Kirillova, N. A. Krasil'nikov. Izv. AN SSSR, Ser. biol. no. 3:426-432 My-Je '66.

Use of paper chromatography in studying the reaction of pigment sulfoxymethylation. S. S. Kuznetsova, V. F. Borodkin. Izv. vys. ucheb. zav. i. khim. i khim. tekhn. 9 no. 1:109-112 '66.

PIKAS—PARASITES see Parasites—Pikas

PILING (CIVIL ENGINEERING)

(see also subdivision under Kemerovo)

Driving piles in frozen ground during piling operations. V. N. Marakulin, A. N. Badutin, I. U. P. Rakhovskii, Mekh. stroi. 22 no. 4:21-22 Ap '65.

Experimental studies on the bearing capacity of single piles in loess. I. V. Finaev, G. V. Kanakov. Osn., fund. i mekh. grun. 8 no. 3:28-31 '66.

Pile foundations in industrial, public, and agricultural construction. A. I. Lubnin, R. A. Tokar', I. U. G. Trofimov. Biul. stroi. tekhn. 27 no. 3:39-43 Mr '65.

PILING (CIVIL ENGINEERING)—TABLES, CALCULATIONS, ETC.

Sliding scale for determining the maximum rated loads on piles. P. Enshin. Rech. transp. 25 no. 4:47-48 '66.

PILOCARPINE

Consultations. I. U. I. Zelikson. Apt. delo 15 no. 2:87 Mr-Apr '66.

PINE

Effect of oxygen dissolved in water on the germination of Scotch pine seeds. B. V. Babikov. Izv. vys. ucheb. zav. i. les. zhur. 9 no. 1:9-11 '66.

Effect of the quality of pine seedlings on the viability and growth of plantations after mechanized planting. V. G. Kariyev. Izv. vys. ucheb. zav. i. les. zhur. 9 no. 1:37-41 '66.

Flowering of Pinus sibirica Mayr. at an early age. M. M. Ignatenko. Bot. zhur. 51 no. 2:277-278 F '66.

PINE—DISEASES AND PESTS

Role of oleoresin exudation in the pine resistance to pests. V. I. Grimal'skii. Zool. zhur. 45 no. 4:551-557 '66.

PINEAL BODY

Functional relations between the epiphysis and the thyroid gland. S. G. Cherdyn'tsev. Probl. endok. i gorm. 10 no. 2:83-86 Mr-Apr '64.

PINENE

Some notes concerning the mechanism of catalytic conversions of α -pinene under the effect of H_2PO_4 deposited on activated birch coal. I. U. P. Kluvev, A. I. Lomotkin. Dokl. AN BSSR 10 no. 5:309-311 My '66.

PIONEERS (COMMUNIST YOUTH)

First steps. N. Vanichkina. Nach. shkola 34 no. 5:62 My '66.

Holidays in the city. L. Brondina. Sov. profsoyuzy 22 no. 3:33-34 My '66.

[Manual for workers in Pioneer camps] Spravochnik rabotnika pionerskogo lageria. [Moskva] Profizdat, 1966. 125 p. (Biblioteka profsoyuznogo aktivista, no. 9(129))

Mal'nev, V. F., and L. G. Mal'neva. [90 advices for one summer] 99 sovetov na odno leto. [Moskva] Molodaja gvardia, 1966. 127 p.

Shirvindt, B. E., ed. [The teacher and the Pioneers; the educational guidance of the work of a Pioneer unit] Uchitel' i pionery; o pedagogicheskom rukovodstve detalei i most'iu pionerskogo otriada. Moskva, Prosveshchenie, 1966. 146 p.

[Summertime of the Pioneers] Leto pionerskoe. [Moskva] Molodaja gvardia, 1966. 191 p. (Dla tekhn. i rabotat s pionerami)

Who will become the Pioneer leader? O. Egorova. Sov. profsoyuzy 22 no. 3:35 My '66.

PIPE

"Manufacture of nonmetal pipes"; an exhibition. L. N. Kukhareva. Stroi. mat. 12 no. 4:37 Ap '66.

Test for copper in sediments. M. T. Molchadskii. Energetika 14 no. 5:33 My '66.

PIPE, ASBESTOS-CEMENT see subdivision under Armenia

PIPE, ALUMINUM

Manufacture, properties, and structure of hot-extruded and rolled pipe from SAP. P. V. Kishnev, V. A. Sheinmov. Alum. splavy no. 4:270-276 '66.

Manufacture of thin-walled pipe from SAP by the cold extrusion method. A. N. Kuznetsov, G. G. Epshtein, P. V. Kishnev. Alum. splavy no. 4:264-269 '66.

Thin-walled pipe from the Al-40 alloy. E. F. Chirkov, I. I. Simonova. Alum. splavy no. 4:331-340 '66.

PIPE, CONCRETE

Calculation of prestressed reinforced concrete pressure pipes for crack resistance and strength. E. N. L'vovskii. Trudy Kish. politekh. inst. no. 2:31-37 '64.

Construction of piers for suction pipes. F. M. Gumatnyi, L. P. Safronov. Energ. stroi. no. 2:55-62 '65.

Development and testing of new elements of butt joints of socketless reinforced concrete pressure pipes by using epoxy glues and plastics. E. N. L'vovskii. Trudy Kish. politekh. inst. no. 2:103-109 '64.

Investigating pressureless reinforced concrete pipes. G. Avakian and others. Prom. stroi. i tuzh. soor. 6 no. 4:50-53 Ji-Ag '64.

Manufacture of self-stressed pressure pipes by means of the vibration-pressure method. S. L. Litver, V. A. Popova. Bet. i zhel.-bet. 12 no. 3:26-29 Mr '66.

Mesh-reinforced concrete pipe for irrigation. M. Fedotov, G. Belov. Sel'. stroi. 18 no. 4:17-18 Ap '64.

Production of pressure pipes from prestressed reinforced concrete. V. P. Vinogradov. Bet. i zhel.-bet. 12 no. 3:23-26 Mr '66.

Production of reinforced concrete pressure pipes at the "Barrikada" Plant. I. I. Mamontov. Bet. i zhel.-bet. 12 no. 3:3-7 Mr '66.

Reinforced concrete pressure pipes made from concrete with carbonat fillers. K. P. Chalkin, E. P. Korobov, V. A. Belkin. Bet. i zhel.-bet. 12 no. 3:19-22 Mr '66.

PIPE, CONCRETE—CONGRESSES

All-Union Conference on the Technology of Manufacturing Reinforced Concrete Pressure Pipes. G. F. Kupreev. Biul. stroi. tekhn. 27 no. 3:45-46 Mr '65.

PIPE, CONCRETE—STANDARDS

Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti stroitel'nykh materialov. [Instructions in the technology of preparing and in the acceptance of reinforced concrete pressure pipes] Instruktia po tekhnologii izgotovleniia i priemke zhelezobetonnykh napornnykh gidropressovannykh trub (SN 324-65). Moskva, Stroizdat, 1966. 44 p.

PIPE, CONCRETE—TESTING

Experimental study of the operation of annular reinforced concrete elements under bending. G. I. Pirozhkov, V. L. Nikitin. Bet. i zhel.-bet. 12 no. 3:35-38 Mr '66.

PIPE, GLASS—TESTING

Experimental investigation of the strength of glass-fiber pipes subjected to axial compression. L. I. Vereinn. Izv. vys. ucheb. zav. i. mashinostr. no. 2:26-28 '66.

PIPE, PLASTIC

Deformability of glass reinforced plastic pipes for pipe systems of the petroleum and gas industry. V. I. A. Kershebaum. Transp. i khran. nefi i nefteprod. no. 2:6-9 '65.

PIPE, PLASTIC—TESTING

Investigating the fluid-tightness of pipes from glass reinforced plastic. P. V. Vlasov, A. V. Molokanov, Khim. i nef. mashinostr. no. 5:10-12 My '66.

PIPE, STEEL

Methods of controlling the work hardening of pipe after straightening. M. P. Markovets and others. Trudy MEI no. 61 pt. 2:179-182 '65.

Operation and production of casing pipes for hydrogeological wells. A. S. Volkov, A. A. Volokitenkov, I. B. Shevchenko. Izv. vys. ucheb. zav. i. geol. i ruzy. 9 no. 3:149-152 Mr '66.

PIPE, STEEL—CORROSION

Resistance to corrosion of Kh18Ni9T steel pipe rolled from a welded blank. E. F. Ufimtseva and others. Trudy MEI no. 61 pt. 2:249-255 '65.

PIPE, STEEL—TESTING

Adopting the production of high-strength drive pipe of carbon and low-alloy steel at the Azerbaijan Pipe Rolling Mill. G. N. Kleifets and others. Stal' 26 no. 5:446-451 My '66.

PIPE BENDING

Device for bending branch pipes with uniformly strong walls. Stroi. truboprov. 10 no. 4:35-36 Ap '65.

PIPE FITTINGS

Use of bent elbows and welded joints in high-pressure pipe systems. A. A. Kurkumeli, V. V. Nizkil, S. P. Gorbachev. Khim. i nef. mashinostr. no. 3:31-34 Mr '66.

PIPE FITTINGS—STANDARDS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [General purpose pipe equipment; cork, straight, collar, connecting, flanged, and cast iron spigots for nominal pressure of 10 kgf/cm²] Armatura truboprovodnain obshchego naznacheniia; krany proklovyie proklochnye sal'nikovyie i tsvetovye i flantsyevye chugunnye na P_n 10 kgf/cm². Izd. ofitsial'nogo. (GOST 2422-65, GOST 2423-65, GOST 11438-65, GOST 11439-65, GOST 11440-65). Moskva, Izd-vo Standartov, 1965. 27 p. (SSSR, Gosudarstvennye standarty)

PIPE FLANGES—WELDING

Cheretskii, A. K. [Electric slag welding of flanges in petroleum and chemical machinery manufacture] Elektroshlavkova svarka flantsov v nefianom i khimicheskoi mashinostroeni. Leningrad, 1966. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seria: Progressivnoe formobrazovanie)

PIPE JOINTS

Development and testing of new elements of butt joints of socketless reinforced concrete pressure pipes by using epoxy glues and plastics. E. N. L'vovskii. Trudy Kish. politekh. inst. no. 2:103-109 '64.

Prolonging the service life of turndrill threaded joints. M. P. Krivov. Mach. i nef. obr. no. 4:14-16 '66.

PIPE MILLS

Calculating reductions during the cold rolling of pipe. I. U. F. Shevakin, A. M. Rytikov, V. D. Dmitriev. Trudy MEI no. 61 pt. 2:53-65 '65.

Calculation of contact surfaces during the reeling of pipe. V. I. Osadchii and others. Trudy MEI no. 61 pt. 2:165-168 '65.

Contact surface between metal and rolls during the hot pilgering rolling of pipe. I. U. F. Shevakin, B. N. Matveev, B. N. Lindenbaum. Izv. vys. ucheb. zav. i. chern. met. 9 no. 5:112-114 '66.

Experimental study of axial forces during the expanding of pipe. F. S. Seidaliyev, I. U. F. Shevakin. Trudy MEI no. 61 pt. 2:81-87 '65.

Mathematical modeling in the production of pipe. A. M. Rytikov, I. U. F. Shevakin. TSvet. met. 39 no. 5:60-90 My '66.

New developments in research. R. M. Ivanov, A. I. A. Zaslavskii. Stal' 26 no. 5:456 My '66.

Optimum groove camber in the cold rolling of pipe. I. U. F. Shevakin, N. I. Kasatkina. Trudy MEI no. 61 pt. 2:9-19 '65.

Relative reduction during the cold rolling of pipe. V. I. Sokolovskii. Izv. vys. ucheb. zav. i. chern. met. 9 no. 5:124-127 '66.

Roll grooving in rotary rolling for expanding the pipe. F. S. Seidaliyev. Trudy MEI no. 61 pt. 2:183-192 '65.

PIPE MILLS (Continued)

Shape of the groove on a tube reducing mill. A. Z. Gleiberg, E. D. Klempert, M. F. Stoletov. *Izv. vyz. ucheb. zav. i Chern. met.* 9 no. 5:120-130 '65.

Speed conditions during the cross rolling of pipe. F. S. Soldatov, I. A. Venedik, I. F. Shevakin. *Trudy MEI* no. 61 pt. 2:105-114 '65.

Studying the proving of rolls on the mills for the cold rolling of pipe. I. F. Shevakin and others. *Trudy MEI* no. 61 pt. 2:37-51 '65.

Studying the piercing process in rolls with ragging. V. I. Osadchii and others. *Trudy MEI* no. 61 pt. 2:21-30 '65.

Studying the process of pipe reeling in a three-high helical rolling mill. V. I. Osadchii and others. *Trudy MEI* no. 61 pt. 2:149-153 '65.

PIPE MILLS—DESIGN AND CONSTRUCTION

(see also subdivision under Azerbaijan)

Reducing the variation of pipe wall thickness on the "400" UFT-3 pipe rolling mill. V. I. Osadchii and others. *Trudy MEI* no. 61 pt. 2:31-35 '65.

PIPE MILLS—EFFICIENCY

Effect of certain factors on the performance of tube-drawing machines. I. F. Shevakin, V. Kh. Kas'ian. *Stal'* 26 no. 5:444-446 My '66.

Improving the performance of pipe mills with a pilgrim stand. I. F. Shevakin and others. *Trudy MEI* no. 61 pt. 2:3-8 '65.

PIPE MILLS—MANAGEMENT

Regular production conference in action. V. Dubkov, V. Gusev. *Metallurg* 11 no. 5:43-44 My '66.

PIPE MILLS—QUALITY CONTROL

Method of controlling the technology of pipe making with furnace welding by measuring the roll force. F. D. Manevich, A. S. Rozen, V. P. Kolomoiets. *Stal'* 26 no. 5:454-456 My '66.

Quality control of cold-rolled pipe made of steel and alloys with a wall thickness of up to 6 mm, using the ultrasonic method. K. V. Zakhvatikhina. *Defektoskopiia* 2 no. 2:57-64 '66.

PIPELAYING MACHINERY

Electric generator mounted on a pipelaying machine. B. P. Shadvin, N. V. Ilystrov. *Transp. i khran. nefi i nefteprod.* no. 3:24-26 '65.

PIPELINES

(see also subdivision under Siberia, Western)

Calculating supporting stiffener rings of pipelines. V. M. Klyuk. *Izv. vyz. ucheb. zav. i stroi. i arkh. 9 no. 3:31-36 '66.*

Calculating the resistance of the soil to the withdrawal of pipes. V. I. Voropaev. *Osn., fund. i mekh. grunt.* 8 no. 3:34-37 '66.

Calculation of the prevention of pipeline sticking in soils. A. G. Kamershtein, I. A. Z. Skomorovskii. *Stroi. truboprov.* 10 no. 4:8-10 Ap '65.

Calculation of the strength and rigidity of nonbranching pipelines using a digital computer. B. V. Lovtatskii. *Elek. sta.* 36 no. 3:36-38 Mr '65.

Carry out in the wintertime principal construction operations on northern pipeline routes. A. N. Uryshov. *Stroi. truboprov.* no. 6:7-9 Je '65.

Cold brittleness of thermally treated steel for pipelines. A. P. Gulliaev and others. *Stal'* 26 no. 5:401-404 My '66.

Improvement of technical norms and the organization of wages are prerequisites for increasing labor productivity. L. V. Pobedinskii. *Stroi. truboprov.* 10 no. 4:20-31 Ap '65.

Pipelining in shallow fills. I. P. Petrov. *Stroi. truboprov.* no. 6:10-13 Je '65.

Sevast'yanov, M. I. [Repair and operation of process piping in the chemical, petroleum, and gas industries] *Remont i ekspluatatsiia tekhnologicheskikh truboprovodov v khimicheskoi, nefianoi i gazovoi promyshlennosti.* Moskva, Khimmla, 1966. 243 p.

Simplify the classification of swamps in a manner applicable to pipeline construction. E. A. Libov. *Stroi. truboprov.* 10 no. 4:32 Ap '65.

Tartakovskii, G. A. [Some causes of the failure of underground pipelines] *Nekotorye prichiny razrusheniia podzemnykh truboprovodov.* Moskva, Nedra, 1965. 46 p.

PIPELINES—CATHODIC PROTECTION

Remote control of cathodic protection stations. I. A. M. Edel'man, E. A. Nikitenko. *Transp. i khran. nefi i nefteprod.* no. 2:15-16 '65.

PIPELINES—CLEANING

Cleaning the inside of pipelines laid through swamps and inundated areas. B. N. Mikhailov. *Stroi. truboprov.* 10 no. 4:20-21 Ap '65.

Machines for cleaning and insulating pipelines with a diameter of 1220 mm. M. Z. Rybin, A. O. Lov. *Stroi. truboprov.* 10 no. 4:25-27 Ap '65.

PIPELINES—CROSSINGS

Using hydraulic jacks in constructing crossings over terrain obstacles. G. P. Afanasenko. *Stroi. truboprov.* 10 no. 4:22 Ap '65.

PIPELINES—DESIGN AND CONSTRUCTION

Reinforcing enlarged spans of overhead pipelines with prestressed struts. B. V. Lopatin. *Stroi. truboprov.* 10 no. 4:11-13 Ap '65.

PIPELINES—DRYING

Investigating the heat regime of the surface of a pipeline heated by high-frequency currents. B. B. Galeev, P. I. Lotarev, V. V. Amosov. *Transp. i khran. nefi i nefteprod.* no. 5:3-5 '66.

PIPELINES—FLUID DYNAMICS

Experimental investigation of the hydraulic resistance of two-phase flow in a nonhorizontal pipeline. A. K. Gailanov. *Nef. khoz.* 44 no. 2:62-65 Ap '66.

PIPELINES—MAINTENANCE AND REPAIR

Nondestructive methods of the control of welded joints of city pipelines. V. S. Kozlov. *Stroi. truboprov.* no. 6:27-28 Je '65.

PIPELINES—TESTING

New units for hydraulic testing of pipelines. E. M. Klimovskii and others. *Stroi. truboprov.* no. 6:34-36 Je '65.

PIPELINES—WELDING

Welding small pipes with the A-547R semiautomatic device. *Stroi. truboprov.* 10 no. 4:21-22 Ap '65.

PIPERYLENE

Hydrogenation of piperylene. I. L. Fridshteyn, L. M. Kamuk, I. I. Dmitriev. *Neftekhimiia* 4 no. 6:824-828 N-D '64.

PIRCIUPIUS (LITHUANIA)—WORLD WAR, 1939-1945

Uzdavlyns, Vincas. [Pirciupis tragedy] *Pirciupio tragedija. Trociaus patalysas laidymas.* Vilnius, Mintis, 1965. 70 p. [In Lithuanian]

PIROPLASMOSIS

Chemoprophylactic properties of berenil and azidine used against babesiosis in cattle. N. A. Kolabaski and others. *Veterinariia* 42 no. 4:47-49 Ap '66.

Testing the therapeutic effectiveness of berenil in babesiosis of cattle in White Russia. E. V. Petrova, M. G. Kuhasova. *Izh. zap. Viteb. vet. inst.* 18:245-252 '64.

PIROSMANISHVILI, NIKOLAI ASLANOVICH, 1862-1918

Zdanevich, K. M. [Niko Pirosmanishvili] *Niko Pirosmanishvili. [Ed. 2. Tbilisi, Sabchota Sakartvelo] 1965. 122 p. (chiefly illus.) [In Georgian]*

PIRQUET, CLEMENS VON, 1874-1929

Clemens Pirquet and the importance of his work for the development of knowledge on tuberculosis in children. M. P. Pokhitonova. *Probl. tub.* no. 5:85-86 '64.

PIRYATIN DISTRICT—DEPARTMENT STORES—MANAGEMENT

The Piryatin District Department Store is the address of the progressive practice. P. Chalka. *Sov. potreb. koop.* 10 no. 5:30 My '66.

PISTON RINGS

Steel piston rings. P. I. Zernskov and others. *Izv. vyz. ucheb. zav. i mashinostr.* no. 2:96-102 '66.

PISTONS

Improving the KP-1040A device for testing plunger pairs. L. Yermolov, A. Polinskii. *Tekh. v sel'khoz.* 26 no. 4:63-64 Ap '66.

PITUITARY BASOPHILISM see Cushing's syndrome

PITUITARY BODY

Correlations between the hypothalamo-hypophyseal and adrenal system during the acute period of a cerebrocranial trauma. N. I. Grashchenkov and others. *Vop. neirokhir.* 28 no. 3:1-8 My-Je '64.

Histological and histochemical changes in adenohypophysis in different forms of endemic goiter. A. A. Dikstein. *Probl. endok. i gorm.* 10 no. 2:24-28 Mr-Apr '64.

Method of determining the exophthalmic factor in hypophyseal extracts and blood serum. V. V. Potin, G. S. Stepanov. *Probl. endok. i gorm.* 12 no. 3:107-111 My-Je '66.

PITUITARY BODY—SURGERY

Structure and function of the insular apparatus and acinose tissue of the pancreas in rats at various dates following hypophysectomy. A. E. Rabkina. *Probl. endok. i gorm.* 12 no. 3:101-107 My-Je '66.

PITUITARY BODY—TUMORS

Effect of the extract of *Eleutherococcus* on the development of experimental hypophyseal adenomas in rats. L. S. Leshchey. *Vop. onk.* 12 no. 5:60-67 '66.

PITUITARY FOSSA—TUMORS

Blood supply to arachnoid endotheliomas of the tuberculum sellae mricae. I. M. Filatov. *Vop. neirokhir.* 28 no. 3:40-44 My-Je '64.

PITUITARY HORMONES

Luteinizing factor and the hormonal properties of pregnant mare's serum. E. L. Gorev. *Veterinariia* 43 no. 5:70-72 My '66.

PITUITRIN

Effect of pituitrin and calcium chloride on the uterus of cows under experimental and clinical conditions. I. A. G. Gubarevich, V. M. Voskoinikov. *Uch. zap. Viteb. vet. inst.* 18:285-295 '64.

PLACER DEPOSITS

Establishing standards for stable wall slopes of dredger worked open-pit mines in planning the working of deep placers. G. N. Voronichikhin. *Izv. vyz. ucheb. zav. i gor. zhur.* 9 no. 4:25-28 '66.

PLAGUE

(see also subdivision under Kazakhstan)

Bactericidal properties of dioxane in respect to *Pasteurella pestis*. G. M. Maiboroda and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:121-125 Ap '66.

Development of resistance to plague toxin in white mice following repeated administrations. A. A. Kanevskii, N. N. Novosel'tsev, V. I. Nikolaeva. *Biul. eksp. biol. i med.* 58 no. 12:66-70 D '64.

PLAGUE—PREVENTIVE INOCULATION

Variability of the plague vaccine strain EB. M. D. Zhurba, M. D. Priadkina, G. F. Abramova. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:64-67 Ap '66.

PLANING HULLS

Akademii nauk URSR. Kiev. *Instytut hidromekhaniky.* [Problems and methods in the hydrodynamics of hydrofoils and propellers] *Zadachi i metody gidrodinamiki podvodnykh kryl'ev i vintov.* [By] A. I. Rukhimenko i dr. Kiev, Naukova dumka, 1966. 158 p.

PLANING MACHINES

S16-4A multipurpose four-sided planing machine. M. A. Slobodnik. *Der. prom.* 14 no. 3:17-18 Mr '65.

PLANING MACHINES—ELECTRIC DRIVING

Controlling the table drive of a heavy planing machine. I. A. S. Brovman, A. V. Fel'dman, A. P. Khrushchev. *Stn. i instr.* 37 no. 5:18-20 My '66.

PLANKTON see subdivision under Indian Ocean

PLANT CELLS AND TISSUES

Cytomixis in the process of microsporogenesis. E. L. Miliaeva. *Biul. Glav. bot. sada* no. 59:53-59 '65.

PLANT COMMUNITIES

Dynamics of the association of species in meadow phytocenoses. T. A. Rabotnov. *Dokl. AN SSSR* 166 no. 2:463-466 My '66.

PLANT CUTTINGS

Reproduction of *Eleutherococcus senticosus* by green cuttings. P. P. Vorob'eva. *Biul. Glav. bot. sada* no. 59:100-105 '65.

Role of natural growth regulators on organogenesis in cherry and grape cuttings. R. Kh. Turetskaya, V. I. Kefel, E. K. Kol. *Fiziol. rast.* 13 no. 1:29-37 Ja-F '66.

PLANT DISEASES

Grusheval, S. E. [Agricultural phytopathology] *Sel'skokhoziaistvennaia fitopatologiya.* Moskva, Kolos, 1965. 448 p. illus. (Uchebnyi i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (CU)

PLANT INDICATORS

Indicator plant method for compiling maps of restored vegetation. B. N. Gorbachev. *Bot. zhur.* 51 no. 4:542-546 Ap '66.

PLANT INTRODUCTION see subdivision under Amu Darya Valley; Kirghizistan; Nikita (Ukraine)

PLANT LICE

(see also subdivision under Leningrad Province; Moldavia)

Biochemical characteristics of the starvation process in a series of plant lice. L. A. Sobetski, M. A. Derzhavina. *Vred. i polez. fauna bespoz. Mold.* no. 2:39-48 '65.

PLANT LICE—BIOLOGICAL CONTROL

A symposium on the ecology of aphidophagous insects. V. I. Khontov. *Zashch. rast.* 11 no. 4:53-59 '66.

PLANT LICE—PARASITES see Parasites—Plant lice

PLANT PHYSIOLOGY

Some problems of cybernetics in plant growing. V. G. Karmanov, V. N. Savin. *Shor. trud. po agron. fiz.* no. 12: 53-85 '65.

PLANT PHYSIOLOGY—RESEARCH

Physiological research completed by the V. L. Komarov Botanical Institute of the Academy of Sciences of the U. S. S. R. I. N. Konovalov. *Fiziol. rast.* 13 no. 1: 184-188 Ja-F '66.

Using the specific effect of ionizing radiations in plant physiology research. V. N. Savin. *Sbor. trud. po agron. fiz.* no. 12:108-117 '65.

PLANT PROPAGATION

Is there a need to propagate lavender by seeds? V. I. Mashanov. *Masl. zhur. prom.* 32 no. 4:28-29 Ap '65.

PLANT QUARANTINE see subdivision under Ukraine

PLANT SUCCESSION see subdivision under Caspian Sea region

PLANTING TIME see subdivision under Ural Mountain region

PLANTS—AGING

Biochemical changes during the aging of plants. Zh. A. Medvedev. *Trudy MOIP, Otd. biol.* 17:124-140 '66.

PLANTS—ASSIMILATION

Effect of foliar feeding on the translocation of assimilates. A. A. Anisimov, M. S. Kamanina. *Agrokhimika* no. 5:79-83 My '66.

PLANTS—CHEMICAL ANALYSIS

(see also subdivision under Transbaikalia)

Biochemical changes during the aging of plants. Zh. A. Medvedev. *Trudy MOIP, Otd. biol.* 17:124-140 '66.

Chemical study of the sawwort *Saussurea pulchella* Fishch. N. V. Agafonova and others. *Apt. delo* 15 no. 2:36-37 Mr-Ao '65.

PLANTS—DISEASE AND PEST RESISTANCE

Conference on the immunity of plants. M. Iakubtsiner. *Vest. sel'khoz. nauki* 11 no. 4:151-155 Ap '66.

In the section of industrial crops. V. Shevchenko. *Zashch. rast.* 11 no. 4:55-57 '66.

Phytofluorometer. S. Andreev, V. Lanetskiy. *Zashch. rast.* 11 no. 4:39-40 '65.

Section of the immunity of field crops. E. Geshele. *Zashch. rast.* 11 no. 1:57-58 '66.

Significance of the bacterial fertilizer "AMB" in reducing the diseases of crop plants. B. R. Gladilovich, M. A. Elbakian. *Zap. LSKH* 95:121-125 '65.

Vitamin C and wilt resistance of plants. V. S. Ponomareva. *Biol. Glav. bot. sada* no. 59:48-53 '65.

PLANTS—DISEASES AND PESTS

How to accelerate the making of forecasts. I. Varenik. *Zashch. rast.* 11 no. 4:45 '65.

PLANTS—DROUGHT RESISTANCE

Effect of vitamins, adenine, indolyl-3-acetic acid, and 2,4-dichlorophenoxyacetic acid on the yield of plants subjected to droughts. T. G. Kydrev. *Fiziol. rast.* 13 no. 1:52-54 Ja-F '66.

PLANTS—IRRITABILITY AND MOVEMENTS

Studying the growth and geotropical reactions of plants under the influence of centrifugal forces. R. V. Krasochkin, B. S. Moshkov. *Fiziol. rast.* 13 no. 1:177-183 Ja-F '66.

PLANTS—METABOLISM

Effect of vitamins, adenine, indolyl-3-acetic acid, and 2,4-dichlorophenoxyacetic acid on the yield of plants subjected to droughts. T. G. Kydrev. *Fiziol. rast.* 13 no. 1:52-54 Ja-F '66.

PLANTS—RESPIRATION

Effect of heteroauxin and gibberellin on the respiration and oxidative phosphorylation in the mitochondria of pea sprouts. G. M. Zhivukhina, N. I. Iakushkina. *Fiziol. rast.* 13 no. 1:159-162 Ja-F '66.

Effect of trace elements on respiration and other physiological processes in some trees. N. M. Ivanov. *Fiziol. rast.* 13 no. 1:82-90 Ja-F '65.

Winter gas exchange in winter wheat. B. L. Dorokhov, I. I. Baranina, S. N. Mukharinets. *Fiziol. rast.* 13 no. 1:162-164 Ja-F '66.

PLANTS—TRANSPIRATION

Electronic transpirograph. E. I. Ermakov, O. V. Ivanov. *Sbor. trud. po agron. fiz.* no. 12:212-216 '65.

PLANTS—WATER REQUIREMENTS

Use of the thermodynamic characteristics of soil moisture in the evaluation of the moisture supply of plants. I. I. Sudnitain. *Meteor. i gidrol.* no. 5:35-39 My '66.

PLANTS, EDIBLE—ANALYSIS see subdivision under Tomsk Province

PLANTS, EFFECT OF AMMONIUM NITRATE ON

Effect of the time and methods of using urea and ammonium nitrate on the yield and quality of the grain of winter wheat. L. G. Karandashev. *Agrokhimika* no. 5:10-16 My '66.

PLANTS, EFFECT OF CALCIUM ON

Interrelation of the effectiveness of magnesium and calcium in light turf-Podzolic soils. L. V. Vasil'eva. *Pochvovedenie* no. 5:79-88 My '66.

PLANTS, EFFECT OF GAMMA RAYS ON

Effect of various doses of gamma rays on potato seeds and tubers. A. I. Grechushnikov, V. S. Serebrennikov. *Sbor. trud. po agron. fiz.* no. 12:118-128 '65.

PLANTS, EFFECT OF HERBICIDES ON

Effect of 2, 4-D on some processes occurring in plant seedlings. V. M. Terebinskaya. *Khim. v sel'khoz.* 4 no. 5:36-42 My '65.

PLANTS, EFFECT OF HYDROXYLAMINE ON

Auxin-induced inhibiting effect of hydroxylamine on the growth of corn coleoptile sections. G. I. Kobyl'skii and others. *Fiziol. rast.* 13 no. 1:47-51 Ja-F '66.

PLANTS, EFFECT OF INDOLEACETIC ACID ON

Auxin-induced inhibiting effect of hydroxylamine on the growth of corn coleoptile sections. G. I. Kobyl'skii and others. *Fiziol. rast.* 13 no. 1:47-51 Ja-F '66.

PLANTS, EFFECT OF LIGHT ON

Dependence of the bioelectric reaction of plant leaves on the quality of light and the presence of chlorophyll in tissues. O. O. Lialin. *Sbor. trud. po agron. fiz.* no. 12: 66-68 '65.

Development of the photochemical activity of plastids in the course of greening. Z. M. Eidel'man, O. F. Popova. *Bot. zhur.* 51 no. 4:590-599 Ap '66.

Diene C₁₈ excretion by leaves of poplar under various light conditions. G. A. Sanadze, A. N. Kalandadze. *Dokl. AN SSSR* 168 no. 1:227-229 My '66.

Effect of insufficient illumination on the growth and development of species and varieties of Iris in Turkmenia. L. E. Soboleva. *Bot. zhur.* 51 no. 4:570-577 Ap '66.

Effect of the spectral composition of light on the development of biennial and some annual plants. A. S. Krushilin, Z. M. Shvedskaya. *Fiziol. rast.* 13 no. 1:123-134 Ja-F '66.

Study of the resting potential of individual cells of the alga *Nitella flexilis*. Report No. 1: Changes in the resting potential during light stimulation by light and darkness. G. A. Volkov. *Tsitologia* 6 no. 4:427-431 Ji-Ag '64.

PLANTS, EFFECT OF MAGNESIUM ON

Interrelation of the effectiveness of magnesium and calcium in light turf-Podzolic soils. L. V. Vasil'eva. *Pochvovedenie* no. 5:79-88 My '66.

PLANTS, EFFECT OF MANGANESE ON

Effect of manganese on the content of pigments and ascorbic acid in lettuce. A. V. Leshina. *Dokl. AN BSSR* 10 no. 4:270-281 Ap '66.

PLANTS, EFFECT OF MINERALS ON

Mineral nutrition of *Anabaena variabilis*. V. A. Kordum and others. *Mikrobiol. zhur.* 28 no. 3:58-63 '66.

PLANTS, EFFECT OF MOLYBDENUM ON

Results of the experiments in using molybdenum fertilizers for soybean in the Far East. M. F. Sokolova. *Agrokhimika* no. 5:88-95 My '66.

PLANTS, EFFECT OF NITRAGIN ON

Effect of nitragin on the yield of legumes in the conditions of Arctic agriculture. M. B. Roizin. *Agrokhimika* no. 5:34-39 My '66.

PLANTS, EFFECT OF NITROGEN ON

Changes in the biosynthesis of fatty acids due to nitrogen deficiency in *Chlorella pyrenoidosa*. G. L. Kilachko-Gurvich, T. A. Zhukova. *Fiziol. rast.* 13 no. 1:15-24 Ja-F '66.

Characteristics of mineral nutrition in *Chlorella* under conditions of nitrogen deficiency. E. D. Kuznetsov. *Fiziol. rast.* 13 no. 1:25-28 Ja-F '66.

Composition of the fraction of readily hydrolyzing nitrogen in Chernozems in the Sea of Azov region and the action of nitrogen fertilizers on the yield of corn. S. F. Bondarenko, L. V. Grigor'eva. *Pochvovedenie* no. 5: 73-79 My '66.

Effect of nitrogen fertilizers and interplanting of legumes on the yield of hyfields, pastures, and the micro-organism processes in the soil. I. P. Lepkovich. *Vest. sel'khoz. nauki* 11 no. 2:137-138 F '66.

Symbiotic nitrogen assimilation by nonteguminous plants. N. M. Sherakhanova, E. N. Mishustin. *Izv. AN SSSR, Ser. biol.* no. 3:393-413 My-Je '66.

Utilization of the nitrogen of endosperm and nutrient solution by corn sprouts. N. S. Daulova. *Fiziol. rast.* 13 no. 1:91-98 Ja-F '66.

PLANTS, EFFECT OF PHOSPHORUS ON

Absorption of phosphorus from soil phosphates and fertilizers by lupine. S. N. Ivanov, V. I. Matveeva. *Dokl. AN BSSR* 10 no. 4:269-272 Ap '66.

Mechanism of the action of phosphorus on the translocation of carbohydrates. A. A. Anisimov. *Fiziol. rast.* 13 no. 1:70-75 Ja-F '66.

Phosphorus migration in pure and mixed spruce and poplar cultures. I. N. Rakhiteenko, B. S. Martynovich. *Dokl. AN BSSR* 10 no. 5:331-335 My '66.

PLANTS, EFFECT OF POTASSIUM ON

Effect of various forms of potassium fertilizers on the yield and quality of potatoes. M. D. Khanin, N. I. Krivich. *Khim. v sel'khoz.* 4 no. 5:4-7 My '66.

PLANTS, EFFECT OF RADIATION ON

Change in the hereditary characters of tomato plants under the effect of X rays. I. E. Glushchenko, M. I. Makhalova, N. P. Novozhilova. *Vest. sel'khoz. nauki* 11 no. 2:13-18 F '66.

Observations on the changes of chloroplasts under the effect of ionizing radiation. I. U. A. Atrokhin, V. E. Kozlov. *Sbor. trud. po agron. fiz.* no. 12:146-149 '65. Sventitskii, I. I. [Energy of fertility; optical radiation and agricultural production] *Energia plodorodii; opticheskoe izluchenie i sel'skokhoziaistvennoe proizvodstvo*. Moskva, Znanie, 1966. 40 p. (Novoe v zhizni, nauke, tekhnike. V Seria: Sel'skoe khoziaistvo, no. 9)

Using the specific effect of ionizing radiations in plant physiology research. V. N. Savin. *Sbor. trud. po agron. fiz.* no. 12:108-117 '65.

PLANTS, EFFECT OF SOIL TEMPERATURE ON

Soil temperature requirements for different varieties of melons. L. P. Bobkova. *Sbor. trud. po agron. fiz.* no. 12:88-94 '65.

PLANTS, EFFECT OF TEMPERATURE ON

Dependence of the intensity of photosynthesis on the temperature of leaves and the temperature difference between leaves and the air. V. S. Shadurov. *Sbor. trud. po agron. fiz.* no. 12:80-87 '65.

Use of chemicals for increasing the drought and heat resistance of plants. N. A. Satarova, E. K. Chernyshovskaya. *Agrokhimika* no. 5:107-114 My '66.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Effect of boron, copper, manganese, and cobalt on the yield and quality of sugar beets in Kurgan Province. M. P. Savchenko, Sh. M. Vol'f. *Agrokhimika* no. 5:96-99 My '66.

Effect of copper, boron, and manganese on the yield and quality of hemp grown in peat-bog soils. I. S. Zavorotchenko. *Khim. v sel'khoz.* 4 no. 5:15 My '66.

Effect of trace elements on respiration and other physiological processes in some trees. N. M. Ivanov. *Fiziol. rast.* 13 no. 1:82-90 Ja-F '66.

Effect of trace elements on the yield of farm crops in Krasnodar Territory. E. V. Tonkonozhenko. *Khim. v sel'khoz.* 4 no. 5:9-14 My '66.

Trace elements and the yield of peas. A. N. Grigorov. *Zemledelie* 28 no. 4:95 Ap '66.

PLANTS, EFFECT OF ULTRAVIOLET RAYS ON

Effect of ultraviolet radiation on plants. A. P. Mikhailov. *Sbor. trud. po agron. fiz.* no. 12:75-79 '65.

Methods of studying the effect of ultraviolet radiation on plants. A. P. Mikhailov. *Sbor. trud. po agron. fiz.* no. 12:70-74 '65.

PLANTS, EFFECT OF UREA ON

Effect of the time and methods of using urea and ammonium nitrate on the yield and quality of the grain of winter wheat. L. G. Karandashev. *Agrokhimika* no. 5:10-16 My '66.

PLANTS, EFFECT OF ZINC ON

Use of zinc-containing industrial waste in plant growing. T. A. Krokikh. *Agrokhimika* no. 5:120-130 My '66.

PLANTS, FLOWERING OF

Biology of flowering and embryology of *Stipa*. M. P. Solntseva. *Trudy Bot. inst. Ser.* 3 no. 17:135-150 '65.

Flowering of *Pinus sibirica* Mayr. at an early age. M. M. Ignatenko. *Bot. zhur.* 51 no. 2:277-278 F '66.

Flowering of some representatives of the family Chenopodiaceae. Z. G. Bospalova. *Trudy Bot. inst. Ser.* 3 no. 17:100-114 '65.

Flowering of the wormwoods *Artemisia turanica* Krasch. and *A. diffusa* Krasch. ex Poljak. V. I. Konycheva. *Bot. zhur.* 51 no. 4:567-570 Ap '66.

PLANTS, MOTION OF FLUIDS IN

Mechanism of the action of phosphorus on the translocation of carbohydrates. A. A. Anisimov. *Fiziol. rast.* 13 no. 1:70-75 Ja-F '66.

PLANTS, ORNAMENTAL—RESEARCH

Main trends of the research on ornamental flowering plants in the botanical gardens of the U.S.S.R. V.N. Bylov, *Izsl., Glav. bot. sada* no. 59:26-28 '65.

PLANTS, PROTECTION OF

(see also subcategory under *Anur Province; Brest Province; Kazakhstan; Kirghizistan; Moldavia; White Russia*)

Agricultural machinery in grain protection. K. Grivanov, Z. Mikhailovskaya, *Zashch. rast.* 11 no. 5:27-28 '66.

At the Exhibition of Achievements of the National Economy of the U.S.S.R., A. Ignashkov, T. Butaeva, *Zashch. rast.* 11 no. 5:59-60 '66.

Brief reports, *Zashch. rast.* 11 no. 1:54-56 '66.

Contribution of plant protectors, G. Simonenko, *Zashch. rast.* 11 no. 5:3 '66.

In a gardener's notebook, *Zashch. rast.* 11 no. 4:41-43 '66.

Let's make way to progress! *Zashch. rast.* 11 no. 1:1-3 '66.

Overall protection of corn, M. Khodanovich, *Zashch. rast.* 11 no. 5:28-30 '66.

Prizes awarded by the Exhibition of Achievements of the National Economy of the U.S.S.R., *Zashch. rast.* 11 no. 5:58-59 '66.

We raise the level of qualifications, *Zashch. rast.* 11 no. 4:59 '66.

PLANTS, PROTECTION OF—EXHIBITIONS

Non-Chernozem-66, *Zashch. rast.* 11 no. 5:58 '66.

PLANTS, PROTECTION OF—PERIODICALS

Our journal is 10 years old, *Zashch. rast.* 11 no. 4:4-6 '66.

PLANTS, WATER IN

Characteristics of the water balance of legumes, N. A. Konesarova, *Fiziol. rast.* 13 no. 1:63-69 Ja-F '66.

Determining the conditions necessary for the vitrification of plant cells, I. I. Tumanov, O. A. Krasavtsev, *Fiziol. rast.* 13 no. 1:144-152 Ja-F '66.

PLASMA (IONIZED GASES)

Automatic deposition of stainless steel upon steel of the pearlitic class by plasma jets, A. E. Vainerman, V. D. Veselkov, *Avtom. svar.* 10 no. 4:84-86 Ap '65.

Bremsstrahlung from a rigid target placed in a plasma, V. P. Alekshin, V. A. Suprunenko, *Zhur. tekhn. fiz.* 35 no. 10:1902-1905 O '65.

Disturbance of the density of charged particles at large distances from a body rapidly moving in a plasma in the presence of a magnetic field, V. V. Vasyukov, *Zhur. ekap. teor. fiz.* 50 no. 4:1124-1132 Ap '66.

Electroless high-voltage discharge and its magnetic properties, R. V. Mitin, K. K. Priadkin, *Zhur. tekhn. fiz.* 36 no. 5:913-919 My '66.

Electrostatic division of charges in a thermodynamically balanced plasma, M. V. Samoilova, *Zhur. tekhn. fiz.* 35 no. 10:1720-1729 O '65.

Forbidden transitions in atomic systems induced by homogeneous and inhomogeneous electrical intermolecular fields in a plasma, L. I. Greshchikhin, *Dokl. AN BSSR* 10 no. 4:232-35 Ap '66.

Low positive column in a longitudinal magnetic field, L. E. Dolomova, *Zhur. tekhn. fiz.* 36 no. 5:892-902 My '66.

Interaction between a charged particle beam and a confined plasma, N. P. Gioradze, D. G. Lominadze, *Zhur. tekhn. fiz.* 35 no. 1:1743-1745 O '65.

Interaction of electromagnetic waves on a plasma boundary, I. U. R. Alanakian, *Zhur. tekhn. fiz.* 36 no. 5:808-812 My '66.

Kinetic theory of electromagnetic waves in a confined magnetoactive plasma, A. N. Kondratenko, *Zhur. tekhn. fiz.* 36 no. 5:701-709 My '66.

Kinetic theory of the passage of an electromagnetic wave through a plasma layer in a magnetic field, A. N. Kondratenko, V. I. Miroshchichonko, *Izv. vys. ucheb. zav.*, radiofiz. 9 no. 2:272-278 '66.

Method of detector characteristics at medium pressures, G. A. Sobol' and others, *Izv. vys. ucheb. zav.*, radiofiz. 9 no. 2:417-419 '66.

Motion of a charged particle in the field of a decelerated plane electromagnetic wave, A. Bonch-Osmolovskii, *Zhur. tekhn. fiz.* 35 no. 10:1767-1781 O '65.

New type of instability of an injected plasma in germanium, L. L. Lutsu, V. L. Shushkevich, *Fiz. tver. tela* 8 no. 5:1830-1840 My '66.

One possible mechanism underlying the instability of an electron plasma in crystals, A. B. Tager, *Plis', v. red.*, *Zhur. ekap. i teoret. fiz.* 3 no. 9:369-372 My '66.

Parametric resonance in a plasma in a magnetic field, I. U. R. Aliyev, V. P. Silin, G. Watson, *Zhur. ekap. teor. fiz.* 50 no. 4:943-953 Ap '66.

Pikol'ner, S. D. [Fundamental of cosmic electrodynamics] *Osnovy kosmicheskoi elektrodinamiki*, Izd. 2., porer. 1 dop. Moskva, Nauka, 1966, 407 p.

Plasma acceleration in a combined high-frequency constant electric field, B. P. Kononov, *Zhur. tekhn. fiz.* 35 no. 10:1755-1756 O '65.

Plasma entrainment by a rotating electromagnetic field, V. P. Sidorov, T. R. Soldatenkov, *Zhur. tekhn. fiz.* 35 no. 10:1749-1754 O '65.

Scattering of waves in a plasma, L. M. Gorbunov, V. P. Silin, *Zhur. ekap. teor. fiz.* 50 no. 4:1095-1100 Ap '66.

Separating device for multifrequency UHF plasma probing, S. D. Il'in, S. S. Petrushev, A. V. Charnetskii, *Izv. vys. ucheb. zav.*, radiofiz. 9 no. 2:287-291 '66.

Spontaneous and coherent radiation from an indium antimonide electron-hole plasma, A. P. Shotov and others, *Fiz. tver. tela* 8 no. 4:1083-1087 Ap '66.

Study on a plasma injected into a magnetic trap by means of a conical θ -pinch, N. I. Alimovskii and others, *Zhur. tekhn. fiz.* 36 no. 5:877-880 My '66.

Theory of Cherenkov radiation of a charged particle in a cold plasma, V. N. Kurdlumov, *Zhur. tekhn. fiz.* 35 no. 10:1771-1781 O '65.

Two-probe method of detector characteristics, G. A. Sobol', *Izv. vys. ucheb. zav.*, radiofiz. 9 no. 2:419-421 '66.

The wave guide discrimination method, S. D. Il'in, S. S. Petrushev, A. V. Charnetskii, *Izv. vys. ucheb. zav.*, radiofiz. 9 no. 2:279-286 '66.

PLASMA OSCILLATIONS

Convective effects in the excitation of electron oscillations in a plasma by a finite beam, A. B. Mikhailovskii, I. K. Engwirth, *Zhur. tekhn. fiz.* 36 no. 5:777-790 My '66.

Convective excitation of ion oscillations in a plasma by an inhomogeneous electron beam, A. B. Mikhailovskii, E. A. Pashitskii, *Zhur. tekhn. fiz.* 36 no. 5:763-775 My '66.

Drift plasma waves propagating across an external magnetic field, D. P. Kostomarov, *Zhur. tekhn. fiz.* 35 no. 10:1713-1719 O '65.

Longitudinal oscillations of an inhomogeneous plasma, V. A. Eidman, *Zhur. tekhn. fiz.* 35 no. 10:1730-1735 O '65.

"Magnetostatic" oscillations in interpenetrating plasmas and self-constricted current sheets, V. M. Fadeev, *Mag. gidr.* no. 1:43-45 '66.

Nonlinear oscillations of a magnetoactive plasma, N. P. Gioradze, *Izv. vys. ucheb. zav.*, radiofiz. 9 no. 2:241-250 '66.

Nonlinear plasma oscillations behind the front of charged particle formation, P. M. Kolesnikov, N. A. Khizhniak, *Zhur. tekhn. fiz.* 35 no. 10:1736-1742 O '65.

Nonlinear theory of electromagnetic waves in a confined plasma, A. N. Kondratenko, V. I. Liochumovich, P. N. Rybin, *Izv. vys. ucheb. zav.*, radiofiz. 9 no. 2:261-271 '66.

Oscillations of an inhomogeneous plasma cylinder, I. P. Iakimenko, *Zhur. tekhn. fiz.* 36 no. 5:868-876 My '66.

Quasi-linear theory of attenuation of electromagnetic waves in a magnetoactive plasma, J. Rowlands, V. L. Stozhenko, K. N. Stopanov, *Zhur. ekap. teor. fiz.* 50 no. 4:894-1004 Ap '66.

Quasi-linear theory of plasma cyclotron instability, J. Rowlands, V. D. Shapiro, V. I. Shevchenko, *Zhur. ekap. teor. fiz.* 50 no. 4:979-993 Ap '66.

Quasi-linear transformation of waves in an inhomogeneous plasma, A. B. Mikhailovskii, K. Jungwirth, *Zhur. ekap. teor. fiz.* 50 no. 4:1036-1047 Ap '66.

Transformation of a transverse electromagnetic wave into ion-acoustic plasma oscillations with the formation of an intermediate Langmuir electric wave, I. S. Danilkin, *Zhur. tekhn. fiz.* 36 no. 5:812-817 My '66.

Transformation of waves in an inhomogeneous plasma, A. D. Pilla, *Zhur. tekhn. fiz.* 36 no. 5:818-826 My '66.

PLASTIC FILMS

Shuin, K. A. [Growing vegetables under synthetic films] *Vyrashchivanie ovoshchei pod sinteticheskimi plenkami*. Minsk, Urozhai, 1966, 66 p. (DNAL)

PLASTIC FILMS—TESTING

Some properties of chlorine-containing polycarbonates, O. V. Smirnova, S. B. Erofeeva, *Plast. massy* no. 5:43-46 '66.

PLASTIC GREENHOUSES see Greenhouses, Plastic

PLASTIC PIPE see Pipe, Plastic

PLASTIC SURGERY see Surgery, Plastic

PLASTICITY

Method for estimating the plasticity and strength of low-plasticity materials, S. V. Borisov, V. V. Iakovlev, *Zav. lab.* 32 no. 1:89-91 '66.

Relationship between the plasticity characteristics in tensile tests, A. G. Frankenzon, E. V. Vargaseva, *Zav. lab.* 32 no. 1:91-93 '66.

PLASTICIZERS

Plasticization of polyvinyl chloride by plasticizers of various chemical nature. Part 3: Effect of plasticizers on the thermal stability and thermal degradation of polyvinyl chloride, N. N. Yasilev, N. K. Moschinskaya, *Izv. vys. ucheb. zav.*, khim. i khim. tekhn. 9 no. 1:121-125 '66.

PLASTICS

All-Union scientific and technical conference on the application of polymeric materials in hydraulic engineering, I. A. M. Pashenkov, Z. A. Iaroslavskii, E. K. Obrezkov, *Plast. massy* no. 5:72 '66.

Determining the coefficients of diffusion of liquids into polymeric materials, O. F. Shlenskii, N. N. Khovanskaya, V. V. Lavrent'ev, *Plast. massy* no. 5:52-54 '66.

New plastics based on vinyl acetate, A. Luknitskii, *Prom. Arm.* 9 no. 2:33-35 F '66.

Oligomers present the future of plastics, A. Skharskii, *NTO* 8 no. 5:31-33 My '66.

Plastic bushings for the air blower drive of 2D100 diesel engines, B. M. Chernavskii, K. A. Grekov, I. P. Sitkovskii, *Elek. i topl. tiaga* 10 no. 4:20-21 Ap '66.

Rheological and technological properties of polyethylene melts, I. I. Melent'ev, A. A. Tager, A. A. Semukhina, *Plast. massy* no. 5:39-42 '66.

PLASTICS—MOLDING

Analytical method of calculating the work in the packing of powdered plastics, N. F. Kunin, B. D. Iurchenko, *Khim. i nef. mashinost.* no. 3:24-27 Mr '66.

Moldability of sheets made from polymer-monomer compositions, V. N. Sapozhnikov, *Plast. massy* no. 5:34-35 '66.

Podnos, G. E. [Using universal pressure-cast molds and introducing the group method for the manufacture of the group method for the manufacture of plastic parts on the basis of their technological classification] *Primenenie universal'nykh pressform i vnedrenie gruppovogo metoda izgotovleniya na osnove tekhnologicheskoi klassifikatsii detalей iz plastmass*. Leningrad, 1965, 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Sinteticheskie materialy i oblasti ikh primeneniya)

Talevos'lan, G. O. [Operator of an automatic plastics molding machine] *Litelshehik plastmass na avtomate*. Moskva, Vysshaya shkola, 1966, 105 p.

PLASTICS IN BUILDING

Glass reinforced plastics as building material for quays, N. Viazemskaya, S. Pevzner, *Rech. transp.* 23 no. 2:32-34 F '64.

Ionov, L. P. [From the lightest materials; mountable-dismountable and inflatable structures made of plastic] *Iz samykh legkikh materialov: o sborno-razbornykh i naduvnykh sooruzheniyakh iz plastikov*. Moskva, Stroitdat, 1966, 60 p. (Nauchno-popul'naya seriya)

Performance of tensioned fine-grained concrete elements dispersedly reinforced by glass reinforced plastic, V. P. Vasil'ev, *Izv. vys. ucheb. zav.*, stroi. i arkh. 9 no. 3:17-22 '66.

Practices in the use of enclosing elements of aluminum and plastic materials, S. S. Karmilov, *Prom. stroi.* 43 no. 5:35-37 '66.

Principles of the technology of plastic building materials, G. I. Kligina, *Stroi. mat.* 12 no. 4:39 Ap '66.

PLASTICS IN INDUSTRY

All-Union conference on the economic problems in the development of chemical industries and chemization of the national economy, A. S. Vain, *Plast. massy* no. 5:66-70 '66.

PLASTICS IN MEDICINE

Acrylic cranioplasty, N. Obli, A. Stanchu, M. Rusu, *Vop. neirokhir.* 28 no. 3:55-56 My-Je '64.

Anan'ev, M. G. [Substitutes for the living organ] *Zame-niteli zhivogo*. Moskva, Znanie, 1965, 26 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriya: Biologiya i meditsina, no. 8)

Experimental alloplastic replacement of circular defects of the trachea, N. S. Koroleva, *Grud. khir.* 8 no. 2:80-84 Mr-Apr '66.

Plastic repair of the inguinal canal using capron grafts in recurrent and extensive inguinal hernia, E. A. Silusarenko, *Klin. khir.* no. 7:50-54 '65.

Plastic support of the tissue of the abdominal wall in surgery for postoperative ventral hernia, N. I. Korostilmanenko, *Klin. khir.* no. 7:34-49 '65.

Plastics in traumatology and orthopedics, M. V. Volkov, *Khirurgiya* 42 no. 2:3-8 F '66.

PLASTICS IN SHIPBUILDING

Covering the interior surfaces of ship water tanks with polyisobutylene, *Sudostroenie* 56 no. 3:69-70 Mr '66.

Manufacture of dunnage gratings for holds and cargo storage from plastics, M. Sisiukin, I. A. Golub, *Mor. flot* 24 no. 1:31-32 Ja '64.

Polyvinyl chloride railings for the interior stairways of ships, I. S. Marasanov, *Sudostroenie* no. 9:59-60 S '65.

PLASTICS IN THE ELECTRIC EQUIPMENT INDUSTRY

Bolozasov, N. L., and E. G. Fedoseeva, [Manufacture of cables and wires with plastic insulation] *Proizvodstvo kabelei i provodov s plastmassovoi izolatsiei*. Moskva, Energiya, 1966, 95 p.

PLASTICS IN THE FURNITURE INDUSTRY

Ianov, V.V. [Use of plastic materials in the production of furniture] Primenenie v proizvodstve mebeli plasticheskikh mass. Leningrad, 1965. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Obmen pereodovym proizvodstvennykh i nauchno-tekhnicheskimi opytom v drevnopravnykh izdeliih promyshlennosti)

PLASTICS IN THE MACHINERY INDUSTRY

Faranov, G.T. [Low-module gear wheels made of polyamide resin] Melkomodul'nye zuchchatye kolesta iz poliamidnoi smoly. Leningrad, 1965. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Konstruirovaniye i tekhnologiya izgotovleniya izdeliih iz plasticheskikh mass)

Polzik, P.V., and A.R. Nikonov. [Automation of the production of plastic parts] Avtomatizatsiya proizvodstva plastmassovykh detalей. [Minsk, Belarus', 1966] 162 p.

Strength of plastic pulleys of V-belt transmissions. A. D. Korol, V. N. Kestel'man. Izv. vys. ucheb. zav.; mashinost. no. 11:61-67 '64.

Substitutes for metals in the machinery industry. Zameniteli metalov v mashinostroenii. Minsk, Belarus', 1965. 45 p.

PLASTICS INDUSTRY—ACCOUNTING

Organization of business accounting in a plant. A. Kabanov, V. Filippova. Buhg. uch. 21 no. 12:46-49 D '64.

PLASTICS MACHINERY

Experimental stand for studying heat transfer in a screw-type machine. V. L. Kochergin and others. Khim. mashinost. no. 2:83-89 '65.

PLASTICS MACHINERY—EXHIBITIONS

Cast-molding machinery manufactured by "Battenfeld" (Federal Republic of Germany) and the problems of economics in plastics processing. G. O. Tatarskii, Plast. massy no. 5:71-72 '65.

PLASTICS MACHINERY—FLUID DYNAMICS

Experimental check of the hydrodynamic theory of celerating. K. S. Malenko. Khim. mashinost. no. 2: 33-43 '65.

PLATE TOWERS

Effect of the mixing of a liquid on the efficient performance of mass transfer plates. E. Rukenshtein. Khim. prom. 42 no. 5:385-386 My '66.

Effect of the physical characteristics of the gas phase on liquid carry-off in plate towers. I. I. Dytnerskii, V. I. Andreev. Khim. prom. 42 no. 5:386-388 My '66.

Structural characteristics and basic working properties of the scale type (spray) plates of rectification and absorption towers. V. A. Anistratenko, V. N. Stabnikov. Khim. mashinost. no. 2:74-83 '65.

Using the location of raw material inlet in plate towers as action controlling medium. I. V. Anishin, V. B. Pokrovskii. Khim. prom. 42 no. 5:373-376 My '66.

PLATES (ENGINEERING)

Determining the cylindrical stiffness of plates with checked perforation. G. A. Salomatin. Khim. i nef. mashinost. no. 3:1-3 Mr '65.

Stress distribution around an elliptical hole in a plate made of fibrous materials. G. N. Savin, G. A. Van Fo Fy. Prikl. mekh. 2 no. 5:5-11 '66.

PLATES (ENGINEERING)—VIBRATION

Natural vibrations of plates made of nonlinearly elastic material. L. G. Odnorat. Prikl. mekh. 2 no. 5:125-129 '66.

PLATINUM METALS

Infrared spectra of carbon monoxide adsorbed on osmium, iridium, and platinum within a wide temperature range. N. N. Kavtaradze, N. P. Sokolova. Dokl. AN SSSR 168 no. 1:140-142 My '66.

PLATO

A Platonist falsification of K. Marx's theory. L. N. Danilova. Vop. filoz. 20 no. 5:118-126 '66.

PLATYPHYLLINE

Quantitative determination and optimal conditions for the extraction of platyphylline using organic solvents. E. I. Ehorova. Farmats. zhur. 19 no. 2:76-80 '64.

PLAY

Children play, but what kind of games? E. Tatishcheva. Doshk. vosp. 39 no. 4:112-113 Ap '66.

Children's play in the preparatory group. A. Voevodina. Doshk. vosp. 39 no. 4:114-115 Ap '66.

PLETHYSMOGRAPHY

Mechanism of changes in the plethysmographic curve during the depressor response of the blood pressure evoked by stimulating the vagus nerve. E. G. Skripina. Fiziol. zhur. 51 no. 2:204-213 F '65.

PLEURA—DISEASES

Comparative study of the diagnostic significance of X-ray examination in interposition and in the position of lateral body inclination in slight pleural exudations. B. Ekimskii. Vest. rent. i rad. 41 no. 2:13-19 Mr-Apr '66.

PLEURA—SURGERY

Bilateral pleurectomy. Sh. S. Masurov. Probl. tub. no. 7:83 '65.

Decorication and pleurectomy in tuberculosis. T. V. Epshtein. Probl. tub. no. 7:36-41 '65.

Surgical treatment of extrapleural empyema. A. A. Priimak. Probl. tub. 42 no. 6:56-59 '64.

PLEUROPNEUMONIAL-LIKE ORGANISMS

Isolation of L-form bacteria from typhoid fever patients and carriers. A. G. Shebuzgolev, V. S. Starshinova. Zhur. mikrobiol., epid. i immun. 41 no. 7:15-19 JI '64.

PLOWS

Unit for plowing under shrubs in floodlands. E. M. Iosov. Tekh. v sel'khoz. 26 no. 4:28-30 Ap '66.

PLUMBING—EQUIPMENT AND SUPPLIES see subdivision under Moscow

PLUTONIUM COMPOUNDS

Photometric determination of plutonium (IV) in the presence of plutonium (IV) with xylene orange. M. S. Miliukova, A. A. Namodruk. Radiokhimiya 6 no. 2:246-248 '66.

Reaction of trivalent and hexavalent plutonium with arsenazo III. A. A. Nemodruk, N. E. Kochetkova. Zhur. anal. khim. 21 no. 4:437-432 '66.

PLYWOOD INDUSTRY

Compression stress during the gluing of laminated wood and its connection with the topography of rotary-cut veneer. V. A. Kulikov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:105-111 '65.

PNEUMATIC CONTROL

Improved methods for calculating the traction characteristics of polarized mechanisms. S. P. Kolosov, V. I. Nefedova. Trudy MIIT no. 211:64-70 '65.

Manipulator for loading unit blanks with a pneumohydraulic position drive. B. A. Chelishchev, V. I. Kokorev, V. D. Shramko. Kuz.-shtam. proizvod. 6 no. 4:31-35 Ap '66.

Prusenko, V. S. [Pneumatic controllers] Pnevmaticheskii regulirov. 2, perer. i dop. izd. Moskva, Energiya, 1966. 278 p. (Biblioteka po avtomatike, no. 174)

PNEUMATIC CONVEYING

Pneumatic conveying of cotton. E. D. Potapov. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:146-144 '66.

PNEUMATIC MACHINERY—DYNAMICS

Sadnitskiy, D. V., and N. N. Esin. [Elements of the dynamics of percussive action machines] Elementy dinamiki mashin udarnogo deystviya. Pod red. N. A. Chinkala. Novosibirsk, Red. izd. otdel Sibirskogo otd-nia AN SSSR, 1965. 84 p.

PNEUMATIC MACHINERY—TESTING

Use of tensiometry in testing piston compressors and piston pneumatic engines. V. I. Kiselev, V. V. Alekseev. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:113-115 My '66.

PNEUMATIC TOOLS

Absorption of shock of pneumatic instruments. Okhr. truda i sots. strakh. 8 no. 3:22 Mr '65.

PNEUMOCOCCAL INFECTIONS

Effect of ciproheptadine and dimedrol on experimental pneumococcal infection in rats and typhoid intoxication in rabbits. Z. A. Popenenkova. Farm. i toks. 29 no. 2:209-213 Mr-Apr '66.

PNEUMOCOCCUS

Clinical and anatomical changes in diplococcal septicemia in calves. M. M. Kalchenko. Veterinaria 42 no. 4: 32 Ap '66.

Diplococcal infection in lambs. M. I. Grigorian. Veterinaria 42 no. 4:41-42 Ap '66.

PNEUMOENCEPHALOGRAPHY

Combined traumatic and spontaneous intracranial pneumocephalus. J. Witek. Vest. rent. i rad. no. 2: 73-74 '64.

Evaluation of pneumoencephalographic results in children. B. N. Klobovskii, V. R. Purin. Vest. rent. i rad. no. 2:32-36 '64.

Pneumoencephalography in the diagnosis of traumatic brain lesions. M. D. Gal'perin, B. N. Fil'. Vest. rent. i rad. no. 2:27-32 '64.

Pneumoventriculographic syndrome in tumors of the septum pellucidum. L. B. Likhterman. Vest. rent. i rad. no. 2:41-45 '64.

PNEUMOGASTRIC NERVE see Vagus nerve

PNEUMONIA

Disseminated focal pneumonia with eosinophilia as a complication of radiotherapy and hormone therapy of breast cancer. V. K. Palenko, M. D. Donkoi. Med. rad. 9 no. 4:21-24 Ap '64.

Novocaine block of the stellate ganglion in bronchopneumonia of calves. L. N. Shevtsova, E. I. Chudnovskii. Veterinaria 43 no. 5:60-61 My '66.

Phage typing of staphylococci isolated from children with pneumonia. I. U. V. Diachenko. Zhur. mikrobiol., epid. i immun. 41 no. 8:84-87 Ap '64.

Treating bronchopneumonia in calves with heterogeneous blood. B. N. Zhilinskii. Uch. zap. Viteb. vet. inst. 18:266-269 '64.

PNEUMOPERITONEUM, ARTIFICIAL

Retropneumoperitoneum in the diagnosis of psoas abscesses. R. V. Bogoslavskii, S. S. Gorbunov. Probl. tub. 42 no. 6:75-76 '64.

Use of retropneumoperitoneum in the X-ray examination of the esophagus. V. V. Nerazik. Sov. med. 28 no. 0: 69-73 S '64.

PNEUMOTHORAX

Surgical treatment of spontaneous pneumothorax. I. Z. Sigal. Probl. tub. 42 no. 6:46-48 '64.

Treatment of spontaneous nontuberculous pneumothorax. G. D. Konstantinova. Grad. khir. 8 no. 2:68-74 Mr-Apr '66.

Unilateral pneumothorax in young cattle. P. I. Kuz'minov. Trudy Mosk. vet. akad. 10:35-46 '56.

PODKAMENNAYA TUNGUSKA VALLEY—ANTIQUITIES

Recently found archaeological monuments in the Podkamennaya Tunguska Valley. G. I. Andreev, I. M. Fomina. Krat. soob. Inst. arkheol. no. 105:106-110 '66.

PODKAMENNAYA TUNGUSKA VALLEY—DESCRIPTION AND TRAVEL

Zaplatin, M. A. [In the castles of the Podkamennaya Tunguska] V chertogakh Podkamennoi Tunguski. Moskva, Mysl', 1966. 171 p. Illus. (Puteshestviya, priklucheniya, fantastika)

PODLIA—SILICON

Tuffaceous silicon formations in the surrounding area of Kremets in Podolia. I. M. Svyanko. Dep. AN URSS no. 4496-498 '66.

PODLIA—VERTEBRATES, FOSSIL

Meiocene vertebrates of Podolia and the Carpathian Mountain region. K. A. Tatarinov. Biol. Kom. chetv. per. no. 32:51-62 '66.

PODLIA—CLASSIFICATION

Basic classification principles for cultivated turf-Podzolic soils. I. F. Garkusha. Dokl. AN BSSR 10 no. 4: 275-278 Ap '66.

POETRY—HISTORY AND CRITICISM

From scientific analysis to poetic synthesis. V. Koptilev. Rad. lit. 10 no. 5:15-56 My '66.

POETS, UKRAINIAN see subdivision under Bukovina

POGONOMORPHO

(see also subdivision under Cuba; Mexico, Gulf of)

Ceolom in Nerellium murmanicum A. Ivanov (Pogonomorpha). N. A. Dmitrieva. Zool. zhur. 45 no. 5:693-701 '66.

POISONING

Changes in the content of potassium and calcium in traumatic toxicosis. I. M. Maksimov. Khirurgia 42 no. 2:23-30 F '66.

Cholinesterase reactivators, a new class of pharmacological substances. S. N. Golikov and others. Vest. AMN SSSR 21 no. 5:3-8 '66.

Sepsis in patients with burns. A. N. Orlov. Khirurgia 42 no. 2:30-34 F '66.

POISONS—LAW AND LEGISLATION

Decision No. 1 of the Plenum of the Supreme Court of the U.S.S.R. of February 25, 1966, concerning judicial practices in cases of unlawful manufacture and distribution of narcotic and other active and poisonous substances. Sov. iust. 30 no. 9:29-30 My '66.

POLAND—AIRPORTS—RUNWAYS

Airfield asphalt coverings. Zbigniew Jaskiewicz. Tekh. i vooruzh. 24 no. 1:66-67 Ja '66.

POLAND—ATOMIC ENERGY

"Atoms for peace are profitable," say Polish scientists. Vop. ekon. no. 4:154 Ap '66.

POLAND—BIBLIOGRAPHY

[New literature on Poland] Nov. lit. po Pol'. nos. 3-4 '66.

POLAND—COMMERCIAL POLICY

The new methods of guidance and planning for foreign trade in Poland. Vnesh. torg. 46 no. 5:12-15 '66.

POLAND—HISTORY

El'kovich, S.M. [Ideological and political struggle in the Polish liberation movement of the 1850's and 1860's] Ideino-politicheskaia bor'ba v pol'skom osvoboditel'-nom dvizhenii 50-60-ikh godov XIX veka. Moskva, Nauka, 1966. 331 p.

Krezub, Antin. [Outline history of the Ukrainian-Polish War of 1918-1919] Narys istorii ukrains'ko-pol's'koi viny, 1918-1919. 2. vyd. New York, "Oko," Pt. 2, 1966. 179 p.

POLAND—MILITARY BRIDGES

Treadway mechanized bridge. Waldemar Oldziejewski, Tekh. i voen. 24 no. 4:24-25 Ap '66.

POLAND—MOTOR VEHICLES

Polish motor vehicles. N.I. Aleiner, Avt. prom. 32 no. 5:43 My '66.

POLAND—SOCIOLOGY—BIBLIOGRAPHY

Polish literature on sociology, 1960-1964. K. Zagurski, Vop. filoz. 20 no. 4:178-182 '66.

POLAND—SYNTHETIC FABRICS

Suit made of silk. Izobr. i rats. no. 4:6 Ap '66.

POLARIZATION (ELECTRICITY)

Accounting for electrode polarization in dielectric measurements in conducting media. I.U. IA, Borovikov, A.I. Derevianko, O.D. Korlenko. Ukr. khim. zhur. 32 no. 4:449-453 '66.

Behavior of a nickel anode in concentrated sulfuric acid. S.I. Krichmar, K.F. Afanidik. Elektrokhimia 2 no. 5: 600-602 My '66.

Effect of some organic substances on the anodic dissolution of metals in neutral solutions. Part 4: Anodic dissolution of copper. S.G. Bialozor. Elektrokhimia 2 no. 5:572-576 My '66.

Shennum, S.M., ed. [Theoretical bases of the interpretation of observations in the induced polarization method] Teoreticheskie osnovy interpretatsii nabludeni- ni v metode yuzvannoi polarizatsii. [By] V.A. Komarov i dr. Leningrad, Nedra, 1966. 203 p.

POLARIZATION (LIGHT)

Polarization of radiation from gallium arsenide diodes. V.N. Abramovskii and others. Fiz. tver. tela 8 no. 4: 1091-1096 Ap '66.

Polymeric materials with stresses determined by the optical polarization method. Part 2: Thermomechanical and mechanical properties of the products of polymerization in the ternary system of vinyl monomers. T.V. Shumakovskaya, S.I. Sokolov. Izv. vuz. ucheb. zav. i khim. i khim. tekhn. 9 no. 1:117-120 '66.

Present state of the study of polarization of natural light in the sea. V.M. Pavlov. Trudy Inst. okean. 77:41-62 '65.

Some aspects of the theory of polarization of natural light in the sea. V.M. Pavlov, B.N. Grechushnikov. Trudy Inst. okean. 77:53-66 '65.

POLAROGRAPHY

Compensation of temperature errors in devices for polarographic analysis. G.V. Tsvet, L.S. Zaretaki, L.N. Kuz'menkov. Zav. lab. 32 no. 1:118-119 '66.

Method of stopped lowering of potential in inversion polarography. K.M. Skolota, A.I. Karnaukhov. Ukr. khim. zhur. 32 no. 5:457-460 '66.

Oscillographic polarography of tungsten. I.U. M. Gavrilko, P.N. Kovalenko, K.N. Bagdasarov. Ukr. khim. zhur. 32 no. 5:514-517 '66.

Polarographic determination of the degree of absorption of surface-active agents on zinc and copper. S.I.A. Popov, E.M. Golubchik. Izv. vuz. ucheb. zav. i khim. i khim. tekhn. 9 no. 1:91-97 '66.

Polarographic study of aromatic amines. Part 1. V.D. Bozuyli, I.U. I. Beilis. Zhur. ob. khim. 36 no. 5:787-791 My '66.

Polarographic study of the cerium group of rare-earth elements with LiCl - KCl molten cathode as the support. I.D. Panchenko, I.I. Penkalo, I.U. K. Dellmarshil. Elektrokhimia 2 no. 5:529-535 My '66.

Polarography of melts. Complex formation in the binary system aluminum bromide - sodium bromide. N.G. Chovnyk, V.V. Vashchenko, M.S. Pollantseva. Ukr. khim. zhur. 32 no. 5:454-458 '66.

Polygraphic determination of hydroxycodone and dihydroxycodone. D.R. Dzhalilov, N.G. Ermachenkova, M.I. Gogolev. Apt. delo 15 no. 2:49-51 Mr.-Ap '66.

Study of the surface-active properties of alcohol dehydrogenase of yeast by adsorption polarography method. G.B. Histrickaitė, I.D. Ivanov. Dokl. AN SSSR 168 no. 3:604-606 My '66.

Study of zinc-nickel amalgams by the method of amalgam polarography with storage. I.E. Krasnova, A.I. Zheleva. Elektrokhimia 2 no. 5:592-595 My '66.

Use of the initial surface of the mercury dropping electrode in polarography. V.G. Mal'nevskii. Elektrokhimia 2 no. 5:589-590 My '66.

POLSKY—SCALE INSECTS

Therological observations on Cocciden (Insecta, Homoptera) of the Ukrainian Polono. IE. M. Terezhnaya. Dup. AN URSSR no. 4:542-545 '66.

POLICE

Luk'ianov, I.U.A. [I believe in you, man; diaries of a police commissar] Veru v tebia, chelovek; zapiski komissara militsii. [Leningrad] Lenizdat, 1965. 177 p.

POLIOMYELITIS VIRUSES

Identification of poliomyelitis viruses by means of fluorescent equine antiserum. I.A. H. Kishko, M. E. L'pkin, A.I. Uryn. Mikrobiol. zhur. 28 no. 2:63-67 '66.

POLISH ACADEMY OF SCIENCES

Discussion on the textbook of the history of pedagogics in the Polish Academy of Sciences. Josef Mionso. Sov. pedagog. 30 no. 4:157-158 Ap '66.

POLISH REFUGEES see Refugees, Polish

POLITICAL CRIMES AND OFFENSES

In the torture chambers of the "Preobrazhenskii Prikaz." V.I. Donov. Vop. ist. 41 no. 5:216-218 My '66.

POLITICAL SATIRE

Mal'tanov, Oleg. [With the weapons of laughter: a story about Herold Bidstrup, artist, citizen and fighter for peace] Oruzhiem smekha; rasskaz o Kherlufe Bidstrup - khudozhnike, grazhdanine, bortse za mir. Moskva, Politizdat, 1966. 84 p.

POLLEN

Immunological characteristics of Ambrosia artemisiifolia L. pollen. A.I. Ostroumov. Biol. eksp. biol. i med. 58 no. 12:75-79 D '64.

POLLEN—MORPHOLOGY

Morphology of the pollen of Neuradaceae. N.I. Demchenko. Bot. zhur. 51 no. 4:559-562 Ap '66.

Palynological data on the classification of the tribe Fovilleae Pax of the vine crop family Cucurbitaceae Juss. L.A. Aleschina. Bot. zhur. 51 no. 2:244-250 F '66.

Pollen grains of Thymelaeaceae and Gynostylaceae. D.B. Arkhangelskii. Bot. zhur. 51 no. 4:484-494 Ap '66.

POLLEN, FOSSIL

(see also subdivision under Fergana Valley)
Underdeveloped Miocene pollen. E.N. Ananova. Biol. Kom. chetv. por. no. 32:18-22 '66.

POLLINATION see Fertilization of plants

POLOGI DISTRICT—CATTLE—FEEDING AND FEEDS

A year of work under the new conditions. I. Thran. Zakup. sel'khoz. prod. no. 4:7-11 Ap '66.

POLTAVA PROVINCE—DRUGSTORES

Plan of opening new drugstores is accomplished ahead of schedule. V.O. Kudelych. Farmatsev. zhur. 21 no. 2:79-80 '66.

POLTAVA PROVINCE—SPRAYING AND DUSTING IN AGRICULTURE

Marginal strip spraying is effective and advantageous. A. Rogozhin, A. Landar. Zashch. rast. 11 no. 5: 25-26 '66.

POLYAMIDES—TESTING

Structural and mechanical properties and morphology of polyamide fibers. V.O. Gorbacheva and others. Khim. volok. no. 3:24-27 '66.

POLYETHYLENE

(see also subdivision under Ufa)

Rheological and technological properties of polyethylene melts. I.U. Melent'ev, A.A. Tager, A.A. Semukhina. Plast. massy no. 3:39-42 '66.

Storage of ammonium bicarbonate in polyethylene coated paper bags. I.Y. Usukin and others. Khim. prom. 42 no. 5:355-356 My '66.

POLYETHYLENE, EFFECT OF RADIATION ON

Complexes with charge transfer in organic semiconductors based on polyethylene. A.D. Grishina, N.A. Bakht. Elektrokhimia 2 no. 5:614-615 My '66.

POLYGLOT DICTIONARIES see Dictionaries, Polyglot

POLYHEDRA

Analogues of Blaschke's formula for polyhedra. A.D. Milka. Ukr. geom. sbor. no. 1:62-64 '65.

POLYMERIZATION

Analysis of the kinetics of radiation-induced allyl polymerization. Part 3. S.A. Dolmatov. Kin. i kat. 7 no. 2:214-218 Mr.-Ap '66.

Automation of ethylene polymerization under low pressure. B.A. Verkhovubov. Plast. massy no. 5:27-29 '66.

Bulk polymerization of monomers at high degree of conversion. G.P. Gladyshev, S.R. Rafikov. Usp. khim. 35 no. 5:916-937 My '66.

Change in the aerodynamic regime of chambers for fiber coating and polymerization. S.F. Smirnov and others. Stroi. mat. 12 no. 4:13-14 Ap '66.

Continuous polycondensation of organosiloxanes in the production of heat-resistant lacquers. N.V. Vorob'eva, A.N. Levin. Plast. massy no. 5:20-24 '66.

Copolymerization of ethylene with ethyl acrylate by continuous process under pressure. S.M. Samoilov and others. Plast. massy no. 5:3-6 '66.

Derivation of the equation for the copolymer composition in the case of reversibility of chain propagation reaction. Vysokom. soed. 8 no. 5:790-794 My '66.

Effect of pressure on the radical polymerization of styrene in solution. Report No.1: Polymerization in benzene, butyraldehyde, and their mixtures. V.M. Zhulin, M.G. Konigberg, V.N. Zagorbinina. Izv. AN SSSR, Ser. khim. no. 5:827-832 '66.

Effect of the surface acidity of a catalyst on the rate of polymerization of three-membered heterocycles. O.O. Bartan, O.V. Krylov, E.A. Fokina. Kin. i kat. 7 no. 2: 289-294 Mr.-Ap '66.

Kinetics of polymerization in a flow reactor of ideal mixing. A.D. Litmanovich, V.A. Agasandian. Kin. i kat. 7 no. 2:309-318 Mr.-Ap '66.

Mechanism of benzonitrile polymerization. V.P. Zubov and others. Vysokom. soed. 8 no. 5:795-799 My '66.

Migration polymerization of acid diphosphites, diphosphinites with p-toluenedisocyanate and various compounds having two double bonds. A.N. Pudovik, M.A. Pudovik. Dokl. AN SSSR 168 no. 2:354-356 My '66.

Monomer products formed during 1,3-cyclohexadiene polymerization. S.F. Naumova, L.G. Sykalo, E.E. Nadin. Dokl. AN SSSR 10 no. 4:241-244 Ap '66.

Nature of active centers in cationic polymerization. A.R. Gantmakher, S.S. Medvedev. Vysokom. soed. 8 no. 5: 955-956 My '66.

Polymerization of ethylene at high pressure in a tubular reactor. M.I. Botnikov and others. Plast. massy no. 5:6-9 '66.

Polymerization of methacrylic acid at moderate pressures. A.V. Rabinov and others. Dokl. AN SSSR 168 no. 3:603-605 My '66.

Polymerization of 1,3-pentadiene under the effect of butyllithium. I.D. Afanas'ev, I.A. Lyshits, G.N. Petrov. Dokl. AN SSSR 168 no. 1:95-98 My '66.

Polymerization of propylene to obtain tetramers in the presence of the phosphoric acid bisulfate catalyst. O.I.A. Chikhelidze and others. Nefteprom. i neftekhim. no. 3:23-31 '66.

Polymerization taking place during oil and fat hydrogenation and its causes. B.N. Tutunnikov, I.V. Bogdan, Masl. zhur. prom. 32 no. 4:12-14 Ap '66.

Relation between heats of melting of vinyl monomers and their capacity to polymerize in the solid phase. M.A. Bruk, V.I. Likhovitskii. Vysokom. soed. 8 no. 5:913-915 My '66.

Some characteristics of the catalytic polymerization of 2-methylbutene-2 and 2-methylbutene-1 in the presence of a sulfo phenol formaldehyde KU-1 cation exchanger. N.G. Pollanski, P.E. Tulupov. Neftekhim. 4 no. 6:860-862 N-D '64.

Study of the polymerization of methyl methacrylate in the presence of halonitroperoxide compounds by spin echo technique. V.P. Prokop'ev and others. Vysokom. soed. 8 no. 5:787-789 My '66.

Studying heat transfer in polymerization apparatus. S.A. Gorodinskaya, V.I. Gnatovskii, S.V. Sidorenko. Khim. mashinost. no. 2:140-144 '65.

Synthesis and study of poly-1,3,4-oxadiazoles. A.L. Rusanov and others. Vysokom. soed. 8 no. 5:804-808 My '66.

Synthesis of graft copolymers of cellulose and polyacryl-hydroxamic acid. L.S. Gal'braikh, T.V. Vladimirova, Z.A. Rogovin. Izv. vuz. ucheb. zav. i khim. i khim. tekhn. 9 no. 1:113-116 '66.

Syntheses of the 1,3,5-triazine series. Part 5: Imino-perfluorocarboxylic acid esters; synthesis, properties, mechanism of cyclopolymerization to 1,3,5-triazine derivatives. A.I. Akubovich and others. Zhur. ob. khim. 36 no. 5:862-871 My '66.

POLYMERS

All-Union Conference on the Mechanics of Polymers. IU. S. Urzhumtsev. Mashinovedenie no. 3:108-111 '66.

Danilov, V.N., and A.I.A. Zadneprovskii. [New structural materials; manual for students majoring in electromechanics] Noveye konstruktivnyye materialy; uchebnoe posobie dlia studentov elektromekhanicheskikh spetsial'nostei. Moskva, Vses. zaochnyi in-t inzhenerov zhelezn. transporta, 1965. 119 p.

Electron microscope study of polymer crystallization in the presence of artificial structure-forming agents. T.A. Kuretskaia, T.I. Sogolova, V.A. Kargin. Vysokom. soed. 8 no. 5:949-951 My '66.

Fire resistance of polymer building materials. A.G. Anokhin. Stroi. mat. 12 no. 3:22-23 Mr '65.

Highly unsaturated polymers. Report No.16: polyacetylene compounds, derivatives of dl, triphenylmethane, and diphenylethane. I.L. Kotlarovskii and others. Izv. AN SSSR, Ser. khim. no. 5:902-908 '66.

Highly unsaturated polymers. Report No.17: Synthesis of mono- and diethynyl vinyl derivatives of benzene and their oxidative condensation. Izv. AN SSSR, Ser. khim. no. 5:909-914 '66.

POLYMERS (Continued)

Hydrodynamic theory of wall effect in the thermodiffusion separation of polymer solutions. A. I. Kosheynik, M. M. Kuzakov, P. P. Frolov, Vysokom. soed. 8 no. 5: 932-937 My '63.

Microfunt for determining the fiber-forming capacity of new polymers. L. N. Korzhavina and others. Zhur. prikl. khim. 38 no. 8:1894-1896 Ag '65.

Morphology of the surface of breakdown of polymer gels. M. M. Ievleva, S. P. Papkov, Vysokom. soed. 8 no. 5: 835-839 My '63.

New fiber-forming polymers. M. M. Koton, Khim. volok. no. 3:3-10 '66.

Polymeric carbon with increased heat capacity. I. B. Rabinovich and others. Dokl. AN SSSR 168 no. 3:599-602 My '66.

Rapid determination of the rheological constants of polymer melts. N. N. Samosatskii. Plast. massy no. 5:59-60 '66.

Regularities of temperature effect and aggressive media concentration on the service life of polymeric materials. M. L. Orzhakovskii, Plast. massy no. 5:60-65 '66.

Synthesis and study of polymers produced from phenylcyclohexanes. S. L. Sosin, I. G. Chikishev, Dokl. AN SSSR 168 no. 2:357-359 My '66.

Use of mass spectrometry for studying the kinetics of volatile product evolution from polymers under load. V. R. Regel', T. M. Mui'lov, Vysokom. soed. 8 no. 5: 811-815 My '66.

Use of mass spectrometry for studying the thermal degradation of polymers. G. S. Anufriev, O. F. Pozdnyakov, V. R. Regel', Vysokom. soed. 8 no. 5:834-840 My '66.

Vulcanization of 2-methyl-5-vinyl pyridine and butadiene copolymers with epoxy resins. L. V. Makarova, N. D. Zakharov, Kauch. rez. 25 no. 5:14-17 '66.

POLYMERS—ELECTRIC PROPERTIES

Two types of compensation effect. A. Ia. Gelfman, R. G. Lazan, Dokl. AN SSSR 168 no. 1:137-139 My '66.

POLYMERS—TESTING

Determination of transition temperatures of powdered polymers by the powder thermomechanical method. L. P. Krapivina, S. A. Arzhakov, I. N. Razinskaya, Vysokom. soed. 8 no. 5:815-820 My '66.

POLYMERS—THERMAL PROPERTIES

Device for determining the thermophysical characteristics of polymers in a wide range of temperatures. A. V. Samoilov, M. I. Mischenko, Khim. mashinost. no. 2: 177-178 '65.

Unit for complex study of the thermophysical properties of polymeric materials. I. I. Chernobyl'skii and others. Khim. mashinost. no. 2:115-118 '65.

POLYMERS, EFFECT OF RADIATION ON

Experimental investigation of the effect of nuclear radiation on thermal properties of certain solid polymers and copolymers. A. K. Abasade, M. M. Melikzade, A. B. Bashirov, Azerb. neft. khoz. 45 no. 4:33-35 Ap '66.

POLYMERS, HIGH see Macromolecular compounds

POLYMORPHISM

Thermographic determination of the thermal effects of polymorphic transformations. L. G. Berg, T. E. Annikova, Zhur. neorg. khim. 11 no. 4:866-869 Ap '66.

POLYMYXIN

Study of the mechanism of polymyxin M inactivation. L. A. Baranova, A. B. Silaev, R. L. Khlapova, Antibiotiki 11 no. 4:302-307 Ap '66.

Therapeutic effect of polymyxin M in experimental endometritis and in some gynecological diseases. T. I. Ivanova and others. Antibiotiki 11 no. 4:379-381 Ap '66.

POLYNOMIALS

Extension of A. Zigmund's inequality to derivatives of trigonometric polynomials. V. N. Rusak, Dokl. AN BSSR 10 no. 5:297-300 My '65.

POLYPOIDITY

Production of polyploid forms in different Candida species under the influence of mitotic poisons. L. S. Popova, Mikrobiologiya 35 no. 2:271-278 Mr-Apr '66.

POLYPOIDITY—BIBLIOGRAPHY see Bibliography—Polyoidity

POLYPROPYLENE

Effect of the thickness of polypropylene fibers on the temperature of brittleness. T. F. Kostina, M. P. Zverev, Khim. volok. no. 3:11 '66.

Use of atactic polypropylene in natural rubber. I. T. Gridnev and others. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:126-127 '66.

POLYSACCHARIDES

Bacillus mucilaginosus polysaccharide as a protective agent against ultraviolet radiation. E. I. Milevskii, Mikrobiologiya 35 no. 2:307-311 Mr-Apr '66.

Biological activity of lipids and polysaccharides in yeastlike fungi. N. P. Elinov, N. A. Zalkina, A. V. Tsin-zerling, Biol. eksp. biol. i med. 56 no. 12:41-44 D '64.

Water-soluble polysaccharides of various Eremurus spectabilis M. V. organs at different phases of the vegetation. K. Dovletmuradov, B. M. Stepanenko, Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:3-9 '65.

PONTOONS

Modernization of floating roof tanks. D. V. Lamin, V. V. Pankov, Transp. i khran. nefi i nefteprod. no. 5:40-41 '66.

POPLAR see subdivision under Bureya Valley

POPLAR—DISEASES AND PESTS

Cytosporosis of hybrid poplars. O. Tsyplakova, Zashch. rast. 11 no. 1:91 '66.

Dolichela necrosis of poplars and its causative agent. G. I. Denbiovetski, Bot. zhur. 51 no. 2:291-293 F '66.

Some biological characteristics of the plant louse Pemphigus bursarius L. in Leningrad Province. A. A. Mashek, Zap. LSKH 85:67-69 '65.

POPOV, ALEKSANDR STEPANOVICH, 1859-1905

Akademiya nauk SSSR. Institut istorii estestvoznaniya i tekhniki. [Invention of radio: A. S. Popov; documents and materials] Izobretenie radio: A. S. Popov; dokumenty i materialy. Pod red. A. I. Berga. Moskva, Nauka, 1966. 223 p.

POPOV, NIKOLAI FEDOROVICH, 1885-

Nikolai Fedorovich Popov. L. Fitina. Vest. sel'khoz. nauki 10 no. 12:135-136 D '65.

POPOV, SERGEI NIKOLAEVICH, 1916-

Sergei Nikolaevich Popov on his 50th birthday. P. M. Krylov. Vest. rent. i rad. 41 no. 2:108 Mr-Apr '66.

POPOV, SERGEI PLATONOVICH, 1872-1964

Sergei Platonovich Popov; obituary. Mh. sbor. 10 no. 2:262-264 '65.

POPPY

Anomalous forms of poppy seeds (Papaver nudicaule L.). L. M. Kyz'mina, Bot. zhur. 51 no. 4:557-559 Ap '66.

Development of form processes and organogenesis stages in the opium poppy. S. S. Rustembekov. Ves. sel'khoz. nauki 11 no. 2:48-52 F '66.

POPULAR MEDICINE see Medicine, Popular

PORCELAIN

Effect of the composition of raw materials on the physico-mechanical properties of porcelain. G. N. Duderov, Chizhan Sti-tevni. Trudy MKHTI no. 45:112-120 '64.

Quartz-free porcelain with additions of CaO and MgO and its properties. I. A. Bulavin, A. F. Belkov. Trudy MKHTI no. 45:121-124 '64.

POROSITY

Contraction and formation of contraction porosity in the hydration setting of cements. A. I. Markov, N. V. Mikhailov, Dokl. AN SSSR 168 no. 1:161-164 My '66.

Effect of porosity on the structural water content of silica gel and its thermal dehydration. I. Bakardzhiev, Dokl. AN SSSR 168 no. 3:618-620 My '66.

POROUS MATERIALS

Diffusion extraction from polydisperse capillary-porous bodies. M. A. Ap'el'shteyn, E. I. Vasilevskaya, B. V. Durlagin, Dokl. AN SSSR 168 no. 2:368-371 My '66.

Rate of capillary penetration of FeO-SiO₂-CaO melts into porous specimens of magnesium oxide. S. I. Popel', M. A. Sherstobitov, S. G. Bratchikov, Izv. vys. ucheb. zav.; khim. i tekhn. 9 no. 5:17-21 '66.

Thermal and electric properties of porous tungsten and tungsten-molybdenum cathode materials. S. N. L'vov and others. Porosh. met. 6 no. 5:89-95 My '65.

PORPHYRIN METABOLISM

Porphyria metabolism in anemia. L. I. Mel'ison, E. G. Radzivilovskaya, Probl. gemat. i perel. krovi 11 no. 1:10-18 Ja '65.

PORPHYRINS

Synthesis of 1,4,5,6-tetramethylporphyrin and 1,4,5,6-tetramethyl-2,3,6,7-tetrabromoporphyrin. A. A. Khachatur'yan, R. P. Evstigneeva, N. A. Prochazhenskii, Zhur. ob. khim. 36 no. 5:806-810 My '66.

PORPHYRITES see subdivision under Kurama Range

PORPHYRY see subdivision under Akhtala region (Armenia); Balkhash Lake region

PORTACAVAL ANASTOMOSIS

Disorders in the function of the nervous system in dogs with Eck-Pavlov venous anastomosis. E. N. Speranskaya, N. F. Baranova, Fiziol. zhur. 50 no. 9:1083-1088 S '64.

PORTAL VEIN—RADIOGRAPHY see Splenoportography

PORTUGAL—COLONIES

Oganis'tan, I. U. S. [500 years under a pirate banner] 500 let pod piratskim flagom. Moskva, IMO, 1965. 215 p.

POSSIBILITY

The categories of possibility and reality and the problem of objective reality in quantum mechanics. V. Kh. Arutunov, Filos. probl. such. pyrod. no. 2:93-100 '64.

POSTAGE STAMPS see subdivision under Germany, East

POSTAGE STAMPS—COLLECTORS AND COLLECTING

In a new stage. A. S. Katzh. torg. 17 no. 5:47 My '66.

World in the jagged frame. Inka Vadimova, Sem'ia i shkola 21 no. 4:58 Ap '66.

POSTAL SERVICE

Gil', G. K., and others. [Mechanized protection processes in large postal centers] Mekhanizirovannye proizvodstvennye protsessy v magistral'nykh uzlyakh pochtovoi svyazi. Moskva, Svyaz', 1965. 87 p. (Biblioteka "Ekonomika svyazi")

POSTERS

(see also subdivision under Kuybyshev Province)

Magnitskii, A. V. [By poster language] Iazykom plakata. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 53 p. (CST-II)

POTASHI

Effect of potash on the kinetics of hardening of basic clinker minerals at different temperatures. A. V. Lagoda, I. U. M. But, V. M. Koltasov. Trudy MKHTI no. 45: 55-62 '64.

Effectiveness of potash as an antifrost addition for cements of various mineralogical composition. A. V. Lagoda, I. U. M. But, V. M. Koltasov. Trudy MKHTI no. 45:63-68 '64.

POTASHI MINES AND MINING

Selecting the optimum parameters for the arrangement of boreholes in the underground breaking of potash orce. B. N. Kutuzov, V. M. Globa, Vzyryv. delo no. 59/16:278-282 '66.

POTASSIUM

System K - KOH. E. M. Mitkevich, L. S. Grof. Zhur. neorg. khim. 11 no. 4:902-905 Ap '66.

POTASSIUM—EFFECT ON PLANTS see Plants, Effect of potassium on

POTASSIUM—PHYSIOLOGICAL EFFECT

Activity of potassium and sodium ions in the protoplasm of striated muscle fibers in frogs. Z. A. Sorokina. Biol. eksp. biol. i med. 58 no. 12:17-21 D '64.

Comparison of changes in the electrical activity of a single Ranvier's node following increase in the potassium ion concentration in the medium and the effect of novocaine. V. I. Beliaev. Biol. eksp. biol. i med. 58 no. 12:13-17 D '64.

POTASSIUM BROMIDE CRYSTALS—DEFECTS

Mobility of dislocations in potassium bromide single crystals. V. B. Parfiskii, S. V. Lubenets, V. I. Startsev. Fiz. tver. tela 8 no. 4:1227-1238 Ap '66.

POTASSIUM CHLORIDE

Heat of dissolution of potassium chloride in water at various temperatures. V. P. Vasil'ev, G. A. Lobanov, Zhur. neorg. khim. 11 no. 4:703-707 Ap '66.

Solubility, viscosity, and density isotherms of the system KCl - KClO₄ - H₂O at 25 and 50° C. E. N. Troitskii, A. F. Turnatskaya, Zhur. neorg. khim. 11 no. 4:926-928 Ap '66.

POTASSIUM CHLORIDE CRYSTALS

Double electron - nuclear resonance of F-centers in KCl at room temperature. (First and second coordination spheres). M. F. Delgen, M. A. Ruban, I. U. S. Gromovoi. Fiz. tver. tela 8 no. 3:827-831 Mr '66.

Temperature dependence of the fine structure of X-ray absorption spectra of potassium and chlorine in KCl crystals. E. E. Vainshtein, L. N. Mazlov, E. A. Gal'isova, Dokl. AN SSSR 168 no. 2:376-378 My '66.

POTASSIUM CHLORIDE CRYSTALS—OSCILLATIONS

Raman scattering of light by quasi-localized oscillations near Na, Cs, and Rb impurities in KCl crystals. A. I. Stekhanov, T. I. Maksimova. Fiz. tver. tela 8 no. 3: 924-926 Mr '66.

POTASSIUM HYDROXIDE

Diols and organic oxides. Report No. 8: Reaction of μ -chlorobutyl acetate isomers with potassium hydroxide. N. I. Shulkin, M. Bartok, B. Kosma, Izv. AN SSSR, Ser. khim. no. 5:878-882 '66.

System K - KOH. E. M. Mitkevich, L. S. Grof. Zhur. neorg. khim. 11 no. 4:902-905 Ap '66.

POTASSIUM IN THE BODY

Changes in the content of potassium and calcium in traumatic toxicosis. IU, M. Maksimov, Khirurgiya 42 no. 2:23-30 F '66.

Potassium and sodium content of muscles equilibrated with solutions of a high potassium concentration. S. A. Verenikov, G. I. Romanenko. TSitologiya 6 no. 4:478-481 Ji-Ag '64.

POTASSIUM IODIDE

Accelerated method for microdetermination of potassium iodide in iodized common salt. L. N. Lapin, N. V. Reis. Vop. pit. 23 no. 4:559-63 Ji-Ag '64.

Effect of potassium iodide on the luminescent properties of cryptophan. E. A. Chernitskii. Dokl. AN BSSR 10 no. 4:262-264 Ap '66.

POTASSIUM METABOLISM

Effect of the adrenal glands on changes in potassium metabolism during the period of restoration of vital functions following clinical death. E. M. Kazin. Biol. eksp. biol. med. 58 no. 9:66-69 S '64.

Evaluation of the effectiveness of geriatric treatment based on the indices of potassium metabolism. I. A. Abov. Trudy MOIP, Otd. biol. 17:185-188 '66.

POTASSIUM PERCHLORATE

Solubility, viscosity, and density isotherms of the system $KCl - KClO_4 - H_2O$ at 25 and 50° C. E. N. Troitskii, A. F. Trunetskaia, Zhur. neorg. khim. 11 no. 4:926-928 Ap '66.

POTASSIUM SALTS

(see also subdivision under Caspian Sea region; Ural Mountain region)

Distribution of boron in potassium salts. M. Dinarov. Geokhimiya no. 5:594-599 My '66.

Duration of the effect of potassium fertilizers on tea plantations of the Lankoran zone of Azerbaijan. A. K. Akhundov. Dokl. AN Azerb. SSR 21 no. 12:44-46 '65.

Potentiometric method for the determination of potassium salts and analysis of their mixtures with bases and acids using ion exchange in nonaqueous media. A. N. Iarovenko, K. A. Komarova, E. K. Kreshkova. Zhur. anal. khim. 21 no. 4:397-404 '66.

POTATO BEETLE

Determining the development dates of Colorado beetles. V. Zhuravlev. Zashch. rast. 11 no. 1:49-50 '66.

POTATO BEETLE—BIOLOGICAL CONTROL

Microbiological method controls mass reproduction of pests. N. Telenga, N. Tron'. Zashch. rast. 11 no. 1:18-19 '66.

POTATO BEETLE—EXTERMINATION

Beauverin in controlling the Colorado beetle. A. Sikura, A. Smetnik. Zashch. rast. 11 no. 5:51-52 '66.

POTATO LATE BLIGHT

Content of nitrogen and its compounds in the tubers of healthy potatoes and potatoes infected with phytophthora. R. I. Drel'. Zap. LSKH 95:149-156 '65.

Copper oxychloride in mixtures with urea. N. Dorozhkin, Z. Remneva, A. Meleshkevich. Zashch. rast. 11 no. 4:28 '66.

POTATO MOSAIC VIRUS

Study of X- and Y-viruses of potatoes by fluorescence microscopy method. S. M. Moskovets, I. P. Zhuk. Mikrobiol. zhur. 28 no. 3:19-24 '66.

POTATO PLANTERS (MACHINES)

Hit for the SN-4B potato planter. I. Morozov, F. Zavadskii. Tekh. v sel'khoz. 26 no. 4:73-75 Ap '66.

Planter for vernalized potatoes. A. Sorokin, V. Telepnev. Tekh. v sel'khoz. 26 no. 4:75-76 Ap '66.

SN-4B potato operates with a crawler tractor. M. Sadovskii. Tekh. v sel'khoz. 26 no. 4:12-13 Ap '66.

POTATOES

Effect of various doses of gamma rays on potato seeds and tubers. A. I. Grechushnikov, V. S. Serebrennikov. Sbor. trud. po agron. fiz. no. 12:118-128 '65.

Herbicides in potato fields. V. Zakharenko. Zashch. rast. 11 no. 5:35-37 '66.

Results of testing herbicides in potato fields. N. I. Protasov. Khim. v sel'khoz. 4 no. 5:34-37 My '66.

Starchiness is the basic quality of potatoes. B. Vinogradskii. Zap. sel'khoz. prod. no. 4:53-55 Ap '66.

POTATOES—ANALYSIS see subdivision under Novosibirsk Province

POTATOES—DISEASES AND PESTS see subdivision under Transcarpathia

POTATOES—FERTILIZERS AND MANURES

Effect of various forms of potassium fertilizers on the yield and quality of potatoes. M. D. Khanin, N. I. Krivich. Khim. v sel'khoz. 4 no. 5:4-7 My '66.

Fertilizers for potatoes in light turf-Podzolic soils. A. S. Alkhin. Vitan. dilt. prim. udob. na plod. poch. i prod. seveobor. no. 2:85-102 '64.

POTATOES—IRRIGATION see subdivision under Aral Sea region

POTENTIAL, THEORY OF

Landkof, N. S. [Fundamentals of the modern theory of potential] Osnovy sovremennoi teorii potentsiala. Moskva, Nauka, 1966. 515 p.

Smoothness of thermal potentials. Part 2. L. I. Kamynin. Dif. urav. 2 no. 5:647-687 My '66.

POTENTIOMETER

Noncontact potentiometer as a secondary device of the instrument for measuring drilling-tool weight. A. S. Grobshel. Za tekhn. prog. 4 no. 3:5-7 Mr '64.

POTENTIOMETRIC ANALYSIS

Direct method of determining β -nitro alcohols. V. M. Aksenenko, E. G. Aksenenko, E. N. Gromova. Zav. lab. 32 no. 1:19-21 '66.

Potentiometric determination of naphthalenecarboxylic acid mixtures by means of titration in nonaqueous solutions. A. P. Kreshkov and others. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:72-75 '66.

Potentiometric method for the determination of potassium salts and analysis of their mixtures with bases and acids using ion exchange in nonaqueous media. A. N. Iarovenko, K. A. Komarova, E. K. Kreshkova. Zhur. anal. khim. 21 no. 4:397-404 '66.

POTT'S DISEASE

Accesses to the spinal canal in tuberculous spondylitis complicated with compression of the spinal cord. G. A. Nigai. Khirurgiya 42 no. 2:40-44 F '66.

POULTRY—DISEASES AND PESTS

Clinical and anatomopathological picture of hen poisoning with heptachlor and polychloroprene. N. E. Borisenko, V. A. Klenov. Veterinariya 42 no. 4:61-63 Ap '66.

POULTRY—FEEDING AND FEEDS

Dynamics of strontium-90 in the organism of hens during prolonged intake with feed. I. A. Panchenko and others. Veterinariya 42 no. 4:63-64 Ap '66.

Practices in using some trace elements and tissue preparations in fattening chickens at the Vitebsk Poultry Processing Combine. F. I. Berenstein and others. Uch. zap. Viteb. vet. inst. 18:93-96 '64.

Production of granulated mixed feeds and their use. V. Iurechenko. Inform. biol. VDNKII no. 5:32 My '66.

Use of Azotobacter cultures in feeding chicks and ducklings. V. E. Andreevskaya. Uch. zap. TGI 21:94-98 '64.

POULTRY—PARASITES see Parasites—Poultry

POULTRY BREEDS see subdivision under White Russia

POULTRY BRONCHITIS, INFECTIOUS

Iodine in infectious laryngotracheitis of hens. A. N. Vorobiev, M. T. Kardumian, P. G. Sitnikov. Veterinariya 43 no. 5:36 My '66.

POULTRY HOUSES AND EQUIPMENT see subdivision under Moscow Province

POULTRY HOUSES AND EQUIPMENT—DISINFECTION

Aerosol method for the disinfection of premises in the case of pasteurization of poultry. V. G. Zharov, A. A. Polnikov. Trudy VNIHS 10:132-150 '66.

POULTRY PLANTS—DESIGN AND CONSTRUCTION

[Fundamentals of the design and planning of enterprises of the meat and poultry processing industries] Osnovy proektirovaniya predpriyatiy miasnoi i ptitsoperabatyvalushchei promyshlennosti. [By] A. A. Manerberger i dr. Moskva, Pishchevala promyshlennost', 1965. 384 p.

POWDER METAL PROCESSES

(see also subdivision under Armenia)

Investigating the effect of the gauge tolerance on the surface quality of iron-gr. white bushings. D. Z. Iurechenko. Porosh. met. 6 no. 5:62-66 My '66.

Making small diameter, thin-walled parts from plastic and low-plasticity metals. V. N. Korolev. Kuz. stam. protzv. 8 no. 5:20-23 My '66.

Manufacture of pressed semifinished products from the AD31 alloy. N. M. Edel'man, N. I. Vasil'eva, Z. I. Starostina. Allum. splavy no. 4:322-330 '66.

Manufacture of thin-walled pipe from SAP by the cold extrusion method. A. N. Kuznetsov, G. G. Epshteyn, P. V. Kishinev. Allum. splavy no. 4:264-268 '66.

Manufacture, properties, and structure of hot-extruded and rolled pipe from SAP. P. V. Kishinev, V. A. Shelamov. Allum. splavy no. 4:270-276 '66.

Mechanism of the process of the formation of coatings with the use of metal powders. P. S. Titov, E. I. Besidovskii. Izv. vys. ucheb. zav.; zav. met. 9 no. 2:162-164 '66.

Obtaining weldable sheets from the SAP-1 alloy by cold rolling. V. G. Kovrizhnykh and others. Allum. splavy no. 4:238-253 '66.

Rolling aluminum powder into cold strip with dense edges. L. S. Bokova and others. Allum. splavy no. 4:258-263 '66.

Studying the properties of materials produced by extrusion and sintering of plasticized power mixtures. I. M. Fedorchenko, A. G. Kostornov. Porosh. met. 6 no. 5:24-28 My '66.

Thin-walled pipe from the M-40 alloy. E. F. Chirkov, I. I. Simonova. Allum. splavy no. 4:331-340 '66.

POWDER METALLURGY

(see also subdivision under Czechoslovakia)

Heat treatment of iron powders and their properties. N. Alanukian. Prom. Arm. 9 no. 3:33-38 Mr '66.

Investigating the type of pores of compressed porous metals. S. V. Belov. Izv. vys. ucheb. zav.; mashinost. no. 2:143-147 '66.

Mechanical properties of sintered metal-glass materials. A. F. Beloivan and others. Porosh. met. 6 no. 5:41-48 My '66.

Obtaining a SAP-like surface layer. S. B. Alibinder, A. I. Logunova, E. F. Rastrigina. Allum. splavy no. 4:208-213 '66.

Preparing a highly disperse aluminum powder by the electroerosion method. S. B. Alibinder, N. G. Andreeva, E. F. Rastrigina. Allum. splavy no. 4:192-201 '66.

Preparing highly dispersed metal powders by vaporization in argon. L. S. Palatnik and others. Allum. splavy no. 4:202-207 '66.

Properties of SAS [sintered aluminum alloys] with a low coefficient of linear expansion. R. A. Krivenko and others. Allum. splavy no. 4:210-223 '66.

Regularities of the sintering of zirconium diboride-molybdenum alloys. P. S. Kislyi, M. A. Kuzenkova. Porosh. met. 6 no. 5:16-23 My '66.

Rheological study of plasticized powder charge mixture. A. G. Kostornov, A. I. Raichenko. Porosh. met. 6 no. 5:9-15 My '66.

Slip casting of molybdenum disulfide. A. G. Dobrovolskii, N. V. Nazarchuk. Porosh. met. 6 no. 5:1-8 My '66.

Some aspects of the hot pressing of pure oxides. D. N. Polubarinov, E. I. Shal'nov. Trudy MKITI no. 45: 96-98 '64.

Studying the structure of porous nickel electrodes made by the ceramic metal method. N. V. Korovin, M. E. Magdalenova, V. K. Solitkov. Porosh. met. 6 no. 5:32-40 My '66.

POWDER METALLURGY—CORROSION

Corrosion resistance of new sintered aluminum alloys. V. S. Komissarova and others. Allum. splavy no. 4:232-237 '66.

POWDERS

Metallographic method for measuring the specific surface of powdered materials. S. A. Saltykov. Zav. lab. 32 no. 1:27-31 '66.

POWDERS (PHARMACY)

Technology of the preparation of complex powders with dyeing and dyed substances. Il. P. Pivonko, I. M. Parisev, V. O. Soboleva. Farmats. zhur. 21 no. 2: 46-50 '66.

POWER ENGINEERING

(see also subdivision under Kazakhstan)

Bulgakov, K. V. [Power supply for industrial enterprises] Energoabzhitnye promyshlennykh predpriyatiy. Izd. 2, perer. i dop. Moskva, Energiya, 1966. 317 p.

Neebaev, G. A. [Waterproof powders in power systems construction] Gidrotolnye poroshki v energostroitel'stve. Moskva, Energiya, 1965. 33 p.

New stage in the development of Soviet power engineering. E. S. Iokhvidov. Energetik 14 no. 5:1-2 My '66.

Results of work and objectives of Soviet power engineering and construction workers. Elek. sta. 38 no. 3:2-5 Mr '65.

Socialist obligations of the workers' collectives of the State Production Committee on Power Engineering and Electrification of the U.S.S.R. for 1965. Elek. sta. 36 no. 3:6-7 Mr '65.

Through the pages of foreign magazines. Energetik 14 no. 5:45 My '66.

POWER ENGINEERING—CONGRESSES

Fourth Congress of the Scientific and Technological Society of the Power Industry. I. P. Polushkin. Elek. sta. 37 no. 3:93 Mr '66.

POWER ENGINEERING—SOCIETIES, ETC.

In the Scientific and Technological Society of the Electric Power Industry. Energ. stroi. no. 3:110-111 '65.

POWER ENGINEERING—STUDY AND TEACHING

Kolosov, V. V. [Training of power-engineering workers, a principal component of the Lenin plan for the electrification of the country] Podgotovka inzhenerno-energeticheskikh kadrov - sostavnaia chast' leninskogo plana elektrifikatsii strany. Red. L. M. Bromberg. Moskva, Mosk. energ. in-t, 1966. 57 p.

POWER PRESSES

Automatic presses in large shops. V. N. Glushkov. Kuz.-stann. proizv. 8 no. 5:45-46 My '66.
Housing of presses. V. Prokof'ev, I. Kharitonov, I. Rozentfeld. Prom. stroi. i inzh. soor. 5 no. 6:1-4 N-D '63.

POWER PRESSES—ATTACHMENTS

Equipment for trimming forgings on AT-60 automatic presses. I. K. Ivanov, I. L. Bodiakin. Kuz.-stann. proizv. 8 no. 5:45 My '66.

POWER PRESSES—TESTING

Loading device for testing crank presses. G. I. Melikh. Kuz.-stann. proizv. 8 no. 5:30-32 My '66.

POWER RESOURCES—MATHEMATICAL MODELS see subdivision under Baltic Economic Region

POWER TRANSMISSION

Akademika nauk SSSR. Nauchnyi sovet po teorii mashin i rabochikh protsessov. [Transmission mechanisms] Perodatochnye mekhanizmy; sbornik statei. Pod red. V. F. Mat'iseva. Moskva, Mashinostroyeniye, 1966, 395 p.

Approximate method for the synthesis of transmission systems having a given spectrum of natural frequencies. A. V. Dabagian. Izv. vys. ucheb. zav.; mashinost. no. 3: 126-129 '66.

Investigating transient processes in mechanical systems. V. A. Ivanov and others. Izv. vys. ucheb. zav.; mashinost. no. 3:163-167 '66.

Self-exciting vibrations in power transmissions caused by the engagement of friction clutches. L. I. Shteynval't. Izv. vys. ucheb. zav.; mashinost. no. 3:69-74 '66.

PRECAST CONCRETE

(see also subdivision under Moscow Province; Tselinograd)

Dokuchaev, V. N., and V. V. Sudakov. [Control of the quality of precast reinforced concrete using radioengineering methods] Kontrol' kachestva sbornogo zhelezobetona radiotekhnicheskimi metodami. Leningrad, 1966, 27 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Stroitel'nye materialy i konstruktsii)

Economic basis is a necessary condition for the development of precast reinforced concrete. R. G. Shishkin. Prom. stroi. 43 no. 5:7-9 '66.

Sokolovskii, V. A. [Technological schemes for the production of precast reinforced concrete; present status of and prospects for development] Tekhnologicheskie skhemy proizvodstva sbornogo zhelezobetona; sostoiat' v perspektivy razvitiia. Kiev, Budivelnik, 1966, 60 p.

Vsesoiuznyi nauchno-issledovatel'skii institut zavodskoi tekhologii sbornykh zhelezobetonnykh konstruktsii i izdelii. [Handbook on the production of precast reinforced-concrete elements] Spravochnik po proizvodstvu sbornykh zhelezobetonnykh izdelii. Pod red. B. G. Skramtaeva i P. K. Bant'eva. Moskva, Stroizdat. Vols. 1-2, 1965, 2 v.

PRECAST CONCRETE—TRANSPORTATION

Exhibition of automotive transport equipment for the hauling of precast elements. K. V. Eremeev. Prom. stroi. 43 no. 5:47-48 '66.

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Tashkent Province)

Construction of joints of precast concrete members and the engineering methods followed. A. L. Filakhtov and others. Energ. stroi. no. 2:42-47 '65.

Experience in the installation and block formation of large precast reinforced concrete section plates at the Kiev Hydroelectric Power Station. A. A. Kotelnikov, G. F. Mladanik. Energ. stroi. no. 40:29-36 '64.

Formwork with glass cloth. L. I. Mazurin. Energ. stroi. no. 2:10-11 '65.

General line of construction. Zhil. stroi. no. 8:1 '64.

Hermetic sealing of the joints of exterior large-panel walls of buildings. G. B. Ivinskii, A. I. Zontov. Energ. stroi. no. 40:25-29 '64.

Ishchenko, I. I. [Masonry work and the assembling of precast elements] Kamennyi raboty i montazh sbornykh konstruktsii. 2. izd. [Moskva, Vysshiaia shkola, 1966, 443 p.

Plant for precasting and demounting of large-panel dwelling structures. S. V. Demidov. Energ. stroi. no. 2:85-93 '65.

Precast monolithic foundation for the 300 mw turboaggregate. S. M. Teslietkii. Energ. stroi. no. 3:30-33 '65.

Two level sedimentation tanks from precast reinforced concrete. P. I. Farion, G. E. Fedorov. Energ. stroi. no. 2:6-7 '65.

Use of concrete metalwork members in hydraulic engineering. G. A. Polonskii. Energ. stroi. no. 2:60-73 '65.

PRECAST CONCRETE CONSTRUCTION—COST OF CONSTRUCTION

Besser, A. R., and V. P. Proskurnin. [Assembling precast reinforced-concrete elements] Montazh sbornykh zhelezobetonnykh konstruktsii. Izd. 3., perer. i dop. Moskva, Vysshiaia shkola, 1966, 336 p.

PRECIPITATION (CHEMISTRY)

Coprecipitation in the systems Hg^{2+} , Cd^{2+} , $1\% \parallel S^{2-}$. N. A. Rudnev, R. M. Dzhuvaev. Zhur. neorg. khim. 11 no. 5:1084-1090 My '66.

Coprecipitation of indium with iron (III) pyrophosphate at 60°C. S. D. Grekov, V. A. Leitsin, R. S. Guzairev. Zhur. neorg. khim. 11 no. 4:835-837 Ap '66.

Study of serological relationships between polyhedral proteins, viruses and tissues in host insects by the method of diffusion precipitation in agar gel. I. M. Aleksandrov. Mikrobiol. zhur. 28 no. 2:73-74 '66.

PRECIPITATION (METEOROLOGY)

(see also subdivision under Azerbaijan; Caucasus, Northern; Ukraine)

Method of radiochemical isolation of ^{7}Ne , ^{32}P , ^{33}P , ^{35}S from the same sample in studying atmospheric precipitation and aerosols. O. A. Rys'ev and others. Radiokhimiia 8 no. 2:251-254 '66.

PRECOCITY see Gifted children

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNANCY

Blood vessels of the vagina and external genitalia, considering the age aspects, in various stages of pregnancy. V. A. Gvorkian. Zhur. eksp. i klin. med. 6 no. 1:107-110 '66.

PREGNANCY, COMPLICATIONS OF

Anesthesia and acceleration of labor in late toxemia of pregnancy. A. G. Guseinov, N. M. Shamsadinskina. Azerb. med. zhur. 41 no. 6:29-33 Je '64.

Changes in the visual organ in relation to pregnancy and labor complicated by pre-eclampsia and eclampsia. V. A. Mitnikov. Sov. med. 28 no. 9:61-64 S '64.

Content of insulin in the blood of the fetus in a diabetic mother. L. L. Liberman. Biol. eksp. biol. i med. 59 no. 9:48-49 S '64.

Effect of chloridine on the blood in pregnant women. E. M. Shifonova. Probl. gemat. i perel. krovi 11 no. 1: 25-27 Ja '66.

Medical tactics in cerebral tumors in pregnant women. N. D. Luk'ianova, I. I. Usoskin. Vop. nefrokhim. 30 no. 2:56-59 Mr-Apr '66.

Pregnancy and labor in women with neuropathic hemorrhagic diathesis. I. R. Zak. Probl. gemat. i perel. krovi 11 no. 4:62-63 Ap '66.

PREGNADIENEDIONE—THERAPEUTIC USE

Effect of prednisolone on the course of experimental glomerulonephritis. K. N. Bykovskaya, A. M. Vikhert, G. A. Glezor. Arkh. pat. 26 no. 4:25-31 '66.

PREGNADIENETRIONE—THERAPEUTIC USE

Characteristics of the course of experimental amyloidosis under the effect of resochin and prednizone. V. V. Se'ov, N. A. Mushin. Arkh. pat. 20 no. 4:31-39 '66.

PRESCHOOL EDUCATION see Education, Preschool

PRESSING OF GARMENTS—EQUIPMENT AND SUPPLIES

New design of a garment press. A. P. Fomin, S. S. Eppel. Shvein. prom. no. 2:23-30 Mr-Apr '66.

PRESSURE

Effect of the elastic squeezing of the rolls on the moment in longitudinal rolling. I. I. Sine'nikov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:86-101 '66.

Pressure distribution along the wall in the area of a submerged jet. N. N. Mikhailovskii, S. A. Pridatko. Prikl. mekh. 2 no. 5:139-140 '66.

PRESSURE—MEASUREMENT

Monometric determination of mitochondrial respiration with graphic recording. L. M. Raikhsman. Biokhimiia 31 no. 2:277-281 Mr-Apr '66.

PRESSURE—PHYSIOLOGICAL EFFECT

Injurious effect of the high hydrostatic pressure and heating on the ciliated epithelium cells and the protective action of glycerin. N. I. Arronet. TSitologiya 6 no. 4: 432-442 Ji-Ag '64.

PRESSURE GAUGES

Redesigning of a sensitive ChMP-170 pressure gauge. E. N. Iaromko. Energetik 14 no. 5:33-34 My '66.

PRESSURE VESSELS—LAWS AND REGULATIONS

Russia (1923- U. S. S. R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the installation and safe operation of pressure vessels; mandatory for all ministries and administrations] Pravila ustroistva i bezopasnoi ekspluatatsii soorudov, rabotushchikh pod davleniem; obiazatel'ny dlia vsekh ministerstv i vedomstv. Izd. 6. Moskva, Nedra, 1966, 110 p.

PRESTRESSED CONCRETE

Wider use of prestressed lightweight concrete in construction. N. Oganestian. Prom. Arm. 9 no. 2:61-62 F '66.

PRESTRESSED CONCRETE CONSTRUCTION

Present state of and tendencies in the development of prestressed reinforced concrete elements. G. I. Berdichevskii. Prom. stroi. 43 no. 5:4-7 '66.

Prestressed reinforced concrete in earthquake-proof construction. I. V. Danilevich, G. N. Slavov. Bet. i zhel. bet. 12 no. 3:38-42 Mr '66.

PRIANISHNIKOV, DMITRII NIKOLAEVICH, 1865-1948

D. N. Prianishnikov's role in the development of plant physiology and biochemistry; on the 100th anniversary of his birth. Fiziol. rast. 13 no. 1:3-6 Ja-F '66.

PRICE POLICY

Prices and optimal planning. N. Fedorenko. Kommunist 43 no. 8:84-93 My '66.

PRICES

Calculated evaluations and price determination. M. M. Golanskii. Ekon. i mat. metod. 2 no. 3:340-350 My-Je '66.

Problems of planning prices and the reform of industrial management. V. V. Novozhilov. Ekon. i mat. metod. 2 no. 3:327-339 My-Je '66.

Scientific bases of planned price determination. V. D'achenko. Inform. bnl. VDNKH no. 5:34-36 My '66.

PRICES—BIBLIOGRAPHY see Bibliography—Prices

PRINTING

(see also subdivision under Ukraine)

How we make a book. E. Nemirovskii. Knizh. torg. 17 no. 5:43-45 My '66.

Kotik, R. A., and others. [Phototype printing] Fototipnaya pechat'. Moskva, Vses. nauchno-issl. in-t poligr. promyshl., 1965, 44 p. (Seriya: Formnye protsessy)

PRINTING—RESEARCH

Soviet printers. M. Pashkov. NTO 8 no. 5:56-57 My '66.

PRINTING—SPECIMENS

Tools. V. K. [Modern script] Sovremennyi shrift. Moskva, Kniga, 1966, 255 p. illus.

PRINTING INDUSTRY

Voice of the foremost workers of the printing industry. Knizh. torg. 17 no. 5:28 My '66.

PRINTING MACHINERY AND SUPPLIES

Contacting ten-row printing device. A. I. Fedotov, B. M. Kublanov. Prihozstroenie no. 5:26-27 My '66.

Dymshits, L. D. [Etching equipment for the preparation of metal forms for letterpress printing] Travi'noe obrudovanie dlia izgotovleniia metallicheskiikh form vysokoi pechat'i; uchebnoe posobie dlia vsekh otdelenii MMF. Moskva, Mosk. poligr. in-t, 1965, 67 p.

PRIPET VALLEY—PETROLEUM GEOLOGY

New data on the structure of lower salt formation in the Pripet fault. V. P. Kurochka. Dokl. AN BSSR 10 no. 5:319-323 My '66.

PRIPET VALLEY—RUNOFF

Conditions of the formation of the spring runoff of the Pripet at Mozyr'. L. T. Pashova. Trudy UkrNIGMI no. 59:19-20 '66.

PRIPET VALLEY—SALT DEPOSITS

New data on the structure of lower salt formation in the Pripet fault. V. P. Kurochka. Dokl. AN BSSR 10 no. 5: 319-323 My '66.

PRIVATE LIBRARIES see Libraries, Private

PROBABILITIES

Evaluation of the reliability of statistical characteristics. S. M. Kostin. Mor. sbor. 49 no. 6:33-38 My '66.

Feller, William. [Introduction to probability theory and its applications. Translated from the English] Vvedenie v teoriyu veroiatnostei i ee prilozheniia. Pod red. E. B. Dynkina. 2. izd. Moskva, Izd-vo "Mir," 1964, 498 p. (RPB)

Probability and certainty. M. O. Parulok. Filos. probl. such. prirod. no. 2:70-75 '64.

PROBLEM OF MANY BODIES

Indirect transitions related to electron Coulomb interaction. E. M. Kazarian. Fiz. tver. tela 8 no. 4: 1053-1059 Ap '66.

PROBLEM SOLVING

Heuristic methods applicable to man-machine functions. O. K. Tikhomirov. Vop. filos. 20 no. 4: 99-109 '66.

PROCAINE see Novocaine

PRODUCE TRADE

(see also subdivision under Brest Province; Bryansk Province; Dagestan; Gomel' Province; Lukyanovo, Gorky Province; Moscow region)

Business accounting and state procurement. N. Rusanov. Zakup. sel'khoz. prod. no. 4: 2-3 Ap '66.

What the method of planning for the state purchasing of agricultural products should be like. V. Gavrilov. Zakup. sel'khoz. prod. no. 4: 25-26 Ap '66.

PRODUCE TRADE—ACCOUNTING

Standard accounting in procurement enterprises. N. Kuznetsova. Bukh. uch. 21 no. 12: 21-25 D '66.

PRODUCE TRADE—FINANCE see subdivision under Orel Province

PRODUCTION ENGINEERING

(see also subdivision under Minsk)

Moliseenko, I. G. [Auxiliary processes and labor productivity in the machinery industry] Vapomogatel'nye protsessy i proizvoditel'nost' truda v mashinostroenii. Minsk, Nauka i tekhnika, 1964. 160 p.

Use of linear programming methods for determining the optimal size of laid out materials (sheet). E. A. Grigor'ev. Trudy LIEI no. 58: 213-216 '66.

PRODUCTION STANDARDS

Balance of labor expenditure as a method for the improvement of branch planning in an economic region. R. M. Ioffe. Trudy LIEI no. 58: 39-42 '66.

Changes in the report form on fulfilling output norms. M. Zamirov, V. Lifshits. Sots. trud. 11 no. 5: 98-104 '66.

PRODUCTIVITY ACCOUNTING

Balance of labor expenditure as a method for the improvement of branch planning in an economic region. R. M. Ioffe. Trudy LIEI no. 58: 39-42 '66.

Changes in the report form on fulfilling output norms. M. Zamirov, V. Lifshits. Sots. trud. 11 no. 5: 98-104 '66.

PROFESSIONAL EDUCATION

[Handbook for students entering the special secondary schools of the U.S.S.R. (technical, academy, and normal) in 1966] Spravochnik dlia postupaushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR; (tekhnikumy, uchilishcha, shkoly) v 1966 godu. Moskva, Vysshaya shkola, 1966. 387 p.

PROFIT

(see also subdivision under Europe, Eastern)

Credit and the distribution of profit. N. Gerasovskii. Dn. i kred. 24 no. 5: 29-33 My '66.

Profit and profitable production. Sov. profsoyuzy 22 no. 9: 12-13 My '66.

PROGRAMMED INSTRUCTION

(see also subdivision under Dnepropetrovsk Province; France; Moldavia)

Lezhnevnikov, E. B. [Programmed instruction] Programirovannoe obucheniye. Minsk, Vysshaya shkola, 1965. 60 p.

PROGRAMMING (ELECTRONIC COMPUTERS)

Automation of programming. O. K. Dargavet, I. V. Klokahev, L. A. Rudkovets. Trudy LIEI no. 58: 262-267 '66.

Heuristic methods applicable to man-machine functions. O. K. Tikhomirov. Vop. filos. 20 no. 4: 99-109 '66.

Programming the conversion of matrices and the computation of an index for the "Ural-2" electronic digital computer. N. N. Shaposhnikov. Trudy MIIT no. 194: 92-98 '66.

Programming the solution of a general secular equation of a special kind ($n \leq 39$). V. I. A. Lashchenkov. Trudy MIIT no. 194: 88-91 '66.

PROGRAMMING (MATHEMATICS)

Electronic modeling of some problems of mathematical programming. G. E. Pakhov, V. V. Vasil'ev, A. N. Klepikova. Trudy LIEI no. 58: 251-261 '66.

Mathematical programming in formulating and solving assembly-line reliability problems. A. I. Neimark, L. P. Frankin. Trudy LIEI no. 58: 109-109 '66.

Programming the computation of the coefficients of canonical equations of the method of forces or the permutation method for flat frames. G. V. Vorontsov, I. A. Molchan. Izv. vyz. ucheb. zav.; stroi. i arkh. 9 no. 2: 32-37 '66.

Selection of the optimal complex of technological means for the delivery of freight. B. A. Atlas, S. S. Gdalevich. Eken. i mat. metod. 2 no. 3: 394-405 My-Je '66.

PROJECT GEMINI

Flight of the spaceship Gemini 8, F. V. Romanov. Pritroda 55 no. 5: 114-115 My '66.

PROJECT METHOD IN TEACHING

Editor's mail. Sred. spets. obr. 13 no. 4: 47 Ap '66.

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953

Elevating influence. R. Sargeev. Sov. muz. 30 no. 4: 59-61 Ap '66.

From sketches to an operatic score. I. Dan'ko. Sov. muz. 30 no. 4: 51-55 Ap '66.

The greatest melodist of the 20th century. M. Akubov. Sov. muz. 30 no. 4: 33-50 Ap '66.

His music lives. A. Leman. Sov. muz. 30 no. 4: 27-29 Ap '66.

In the work on "War and peace." B. Pokrovskii. Sov. muz. 30 no. 4: 55-58 Ap '66.

Stirring documents of an epoch. B. Arustovskii. Sov. muz. 30 no. 4: 30-39 Ap '66.

PROLETARIAT

Ortega i Gasset, José. [The revolt of the masses. Translated from the Spanish] Bunt mas. New York, Vyd. i Organizatsii obrony chotyrok'okh svobod Ukrainy, 1965. 157 p. (NN)

PRONCHISHEVA, MARIA

Maria Pronchisheva as the first Russian woman Arctic explorer. A. I. Dubravina. Sudostroenie 56 no. 3: 79-81 Mr '66.

PROPAGANDA, ANTICOMMUNIST see subdivision under United States

PROPANE

Gol'tberg, D. O., and B. A. Sobolev. [Deasphalting by propane] Deasfal'tizatsia propanom. Moskva, Khimtia, 1955. 102 p. (Bibliotekha molodogo rabochego)

PROPANEDIOL

Diffusion of oligomers of polystyrene and polyoxypropylene glycol. S. I. Klonin and others. Vysokom. soed. 8 no. 5: 882-887 My '66.

PROPANEDIOL—TOXICOLOGY

Experimental analysis of the permissible limit concentration of OPS-M and OPS-B flotation agents in the water of reservoirs. S. M. Pavlenko, V. A. Savolova. San. okhr. vod. ot zagr. prom. stoch. vod. no. 7: 178-183 '65.

PROPELLERS

Akademika nauk URSR, Kiev. Institut hidromekhaniky. [Problems and methods in the hydrodynamics of hydrofoils and propellers] Zadachi i metody gidrodinamiki podvodnykh kryl'ev i vintov. [By] A. I. Lukhimenko i dr. Kiev, Naukova dumka, 1966. 158 p.

Effect of the basic elements of the nozzle on the effectiveness of the propeller-nozzle complex during reverse running. V. K. Turbal. Sudostroenie no. 9: 3-5 S '65.

Manufacture of propellers for large-tonnage "Sofia" type tankers. S. M. Gorokhovskii. Sudostroenie no. 9: 41-44 S '65.

Results of testing the propeller-nozzle unit. L. Sandler and others. Rezh. transp. 23 no. 2: 28-29 F '64.

PROPENE

Optimization of extraction process conditions in the production of isobutylene. Sh. D. Dragimil. Za tekhn. prog. 6 no. 4: 11-13 Ap '66.

Polymerization of propylene to obtain tetramers in the presence of the phosphoric acid biskeletal catalyst. O. I. A. Chkheidze and others. Neftep. i neftekhim. no. 3: 28-31 '66.

PROPIONALDEHYDE

Condensation of phenol with allyl alcohol and propionic aldehyde on the KU-2 cation-exchange resin. V. I. Isagulants, V. P. Evstaf'ev, L. I. Eroshova. Zhur. prikl. khim. 38 no. 8: 1878-1880 Ag '65.

PROPIONIC ACID BACTERIA—CULTURES AND CULTURE MEDIA

Stimulating effect of Mycobacterium luteum on the vitamin B₁₂ formation by propionic acid bacteria. L. I. Vorob'eva, N. A. Baranova. Mikrobiologiya 35 no. 2: 249-252 Mr-Ap '66.

PROPORTIONING EQUIPMENT

Automatic proportioning of catalysts in the continuous production of phenol-formaldehyde resins. I. S. Volchek and others. Plast. massy no. 5: 25-27 '66.

Precision in weighing materials by automatic measuring devices. A. E. Dosov, K. M. Korolev. Mekh. stroi. 22 no. 4: 5-8 Ap '66.

System of automatic measuring of materials in concrete mixing equipment. A. B. Minin, V. A. Fateev. Mekh. stroi. 22 no. 4: 8-9 Ap '66.

PROPORTIONING EQUIPMENT—FLUID DYNAMICS

Photoelectric apparatus with light flux modulation for the flow control of viscous fluids. A. P. Klimentko, N. M. Rudnyi. Khim. mashinostr. no. 2: 180-183 '65.

PROPYLENE

Investigation of bismuth molybdenum catalysts for partial oxidation and oxidative ammonolysis reactions of propylene. A. I. Gel'bshteyn and others. Neftekhimtia 4 no. 6: 906-915 N-D '64.

PROPYNYLAMINE

Propynylamine derivatives, a new group of hypotensive substances with a mechanism of fermentative action. I. S. Chekman. Farmatsev. zhur. 21 no. 2: 68-71 '66.

PROSPECTING

(see also subdivision under Caucasus, Northern; Chechen-Ingush A. S. S. R.; Dzhuzkazgan region, Kazakhstan; Soviet Central Asia)

Importance for prospecting operations of nitrogen salts in waters of the supergene zone as indicators of the presence of petroleum. L. N. Kapchenko. Geol. nefti i gaza 10 no. 5: 26-28 My '66.

Problems of the economic efficiency of geological prospecting. N. A. Khrushchev. Sov. geol. 8 no. 9: 3-14 S '65.

Spatial distribution of the errors of analogy in a uniform test area. O. P. Sergeev. Razved. i okh. nedr. 31 no. 9: 8-13 S '65.

Sulakshin, S. S. [Regularities of deflection and the directed drilling of geological exploration boreholes] Zakonomernosti iskrivleniya i napravlennoe burenie geologicheskikh skvazhin. Moskva, Nedra, 1966. 282 p.

PROSPECTING—CONGRESSES

All-Union conference on using geomorphological methods in prospecting for oil and gas. M. V. Pronicheva, I. A. S. Eventov. Sov. geol. 8 no. 9: 147-153 S '65. Second Interuniversity Conference on Morphometry. Geol. i geofiz. no. 2: 157-158 '66.

PROSPECTING—EQUIPMENT AND SUPPLIES

Methodology of prospecting for ore deposits by directional boreholes. S. M. Akimov, S. I. Kirikilitsa. Razved. i okh. nedr. 31 no. 9: 44-47 S '65.

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Azerbaijan; Caucasus, Northern; Crimea; Donetsk Basin; Kursk Magnetic Anomaly; United States)

Dolitskii, V. A. [Geological interpretation of geophysical well data] Geologicheskaya interpretatsiya materialov geofizicheskikh issledovaniy skvazhin. Moskva, Nedra, 1966. 385 p.

Geological convoy of aerogeophysical routes in a mountainous and high-mountain area. O. S. Kornev. Razved. i okh. nedr. 31 no. 9: 52-54 S '65.

Methods for representing the results of logging in digital form. N. N. Sokhranov, G. S. Neimark. Prikl. geofiz. no. 43: 122-130 '65.

Relationship between the density and general porosity of sedimentary rocks and the methodology of the study of stochastic relations between rock parameters. B. V. Vukhrev. Prikl. geofiz. no. 43: 92-113 '65.

Use of geophysical methods of prospecting for apatite ores. G. N. Shablinskii, N. A. Kaverzueva. Razved. i okh. nedr. 31 no. 9: 32-35 S '65.

PROSPECTING—MANAGEMENT

Some changes in the existing methodology of planning geological prospecting. B. G. Silina. Razved. i okh. nedr. 31 no. 9: 28-30 S '65.

PROSPECTING—TECHNOLOGICAL INNOVATIONS see subdivision under Tyumen' Province

PROSTHESIS

Anan'ev, M. G. [Substitutes for the living organ] Zameniteli zhivogo. Moskva, Znanie, 1966. 28 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriya: Biologiya i medicina, no. 8)

Anatomical and experimental substantiation of the form and parameters of synthetic prostheses for the superior vena cava and its tributaries. S. S. Mikhailov, I. A. Pis'menov. Vest. khir. 96 no. 4: 73-82 Ap '66.

PROTACTINIUM

Extraction of protactinium by tributyl phosphate. Part 3: Determination of the composition and stability constants of nitrate complexes of protactinium. V. P. Khlebnikov, R. A. D'achkova, V. I. Spitsyn. Radiokhimiya 8 no. 2: 125-131 '66.

PROTAMINES—PHYSIOLOGICAL EFFECT

Mechanism of the effect of protamine sulfate on some indices of the blood coagulation system. V. P. Sklyarov. Farm. i toks. 29 no. 2: 188-192 Mr-Ap '66.

PROTEASES—THERAPEUTIC USE

Use of proteolytic hormones in the treatment of mandibular fractures with extraoral supporting bandages. K. R. Sarkisov, A. I. Protasevich. Vest. khir. 96 no. 4: 91-93 Ap '66.

PROTECTION OF PLANTS see Plants, Protection of

PROTECTIVE ATMOSPHERES

Vacuum as an active protection of metals during welding. N. A. Ol'shanskii. *Avtom. svar*, 19 no. 4:50-53 Ap '66.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Application of lacquer and paint coatings on technological equipment made from aluminum and its alloys for protecting it from atmospheric corrosion. M. V. Lykov. *Transp. i khran. nefli i nefteprod.*, no. 5:10-15 '66.

Applying insulation to underwater sections of pipelines. G. I. Popel', K. P. Ervin. *Stroi. truboprov.*, 10 no. 4:18-20 Ap '65.

Coating of inner surfaces of spherical tanks. A. M. Nurmukhametov. *Stroi. truboprov.*, no. 6:22-24 Je '65.

Effect of certain coatings on the fatigue and corrosion-fatigue strength of Kh12N2 steel. V. I. Polshmurskii and others. *Fiz.-khim. mekh. mat.*, 1 no. 6:694-696 '65.

Effect of the modifying additions on the mechanical and protecting properties of polyester coatings. L. A. Sukhareva, V. V. Paturcev, V. K. Zhidleva. *Stroi. mat.*, 11 no. 3:23-24 Mr '65.

Efficient method of local protection of the drilling bit shanks against gas case-hardening effect. K. T. Aliev, R. A. Akopov. *Khim. i nef. mashinostr.*, no. 3:43-45 Mr '66.

Electrochemical coatings. I. M. Makarenko. *Vest. profsovozd. obor.*, no. 5:73-74 My '66.

Investigating the heat regime of the surface of a pipeline heated by high-frequency currents. B. B. Galeev, P. I. Lotarev, V. V. Anosov. *Transp. i khran. nefli i nefteprod.*, no. 5:3-5 '66.

Saturating porous aluminum alloy castings. S. P. Ivanov, A. M. Grishanovich. *Lit. proizv.*, no. 4:7-8 Ap '66.

Use of asphaltite-bituminous lacquer in painting overhead power transmission line supports. L. A. Gorchakova. *Energetik* 14 no. 5:18-19 My '66.

Vinarskii, V. L. [Polymer varnish and paint anticorrosive coatings for structural elements; practices of the "Ukrmontazkhimzashchita" Truss] *Polimernye lakrasochinye antikorroziynye pokrytiya stroitel'nykh konstruktsii; opyt trestia "Ukrmontazkhimzashchita."* Moskva, Stroizdat, 1965. 13 p. [MICROFILM]

PROTECTIVE COATINGS—ELECTRIC PROPERTIES

Continuous polycondensation of organosiloxanes in the production of heat-resistant lacquers. N. V. Vorob'eva, A. N. Levin. *Plast. massy*, no. 5:20-24 '66.

PROTECTIVE COATINGS—TESTING

Regularities of temperature effect and aggressive media concentration on the service life of polymeric materials. M. L. Orzhakovskii. *Plast. massy*, no. 5:60-65 '66.

Studying the chemical resistance of butadiene-styrene rubber. E. M. Grozhan, I. U. S. Zuev, E. V. Kikabidze. *Kauch. i rez.*, 25 no. 5:24-27 '66.

PROTEIN HYDROLYSATES

Aminokrovin, a culture medium for *Mycobacterium tuberculosis*. S. A. Eriktsh, Sh. B. Amchilavskaya. *Probl. tub.*, no. 9:80-81 '64.

PROTEIN METABOLISM

Age-related characteristics of the effect of cortisone on skin proteins. V. N. Nikitin, I. A. Moroz. *Fiziol. zhur.*, 51 no. 2:259-262 F '65.

Effect of blocked protein synthesis produced by levomycesin on the development of Δ -phage in induced lysogenic culture. S. S. Belokrysenko. *Zhur. mikrobiol., epid. i imm.*, 41 no. 7:23-24 Ji '64.

Effect of phenol compounds on the biosynthesis of protein and nucleic acids in the cells of human laryngeal cancer (HEP-2). G. V. Kukushkina, L. B. Gorbacheva, N. M. Emanuel'. *Vop. onk.*, 12 no. 5:54-56 '66.

Effect of reserpine and dimercoline on the lipid and protein metabolism in hypertension and coronary atherosclerosis. P. M. Savenkov. *Sov. med.*, 28 no. 9:31-34 S '64.

Inclusion of radioactive methionine into the proteins of various segments of the gastrointestinal tract. L. L. Braginskaya, V. A. Sukhanova. *Biul. eksp. biol. i med.*, 58 no. 9:89-91 S '64.

Protein synthesis in cells infected with microviruses. E. M. Zhanitova, V. M. Stakhanova, V. M. Zhdanov. *Dokl. AN SSSR* 168 no. 1:202-203 My '66.

PROTEINASES

Proteinase inhibitor content in the seeds of some legumes. E. P. Abramova, M. P. Chernikov. *Vop. pit.*, 23 no. 4:13-16 Ji-Ag '64.

PROTEINASES—PHYSIOLOGICAL EFFECT

Effect of proteinase of streptococcus culture filtrates on the metachromatic substance of connective tissue. L. V. Beletskaya, V. A. Burshtein. *Ark. pat.*, 28 no. 4:70-73 '68.

PROTEINS

Level of protein feeding and the formation of immunity in hog cholera. I. A. R. Kovalenko, M. A. Sidorov, I. A. Ikhonkatska. *Vest. sel'khoz. nauki* 11 no. 4:40-45 Ap '66.

Studying proteins binding 2, 4-D in resistant plants. D. I. Chukanov, N. N. Pavlova. *Agrokhimika* no. 5:115-119 My '66.

PROTEINS IN THE BODY

Changes in the intensity of the synthesis of soluble and insoluble protein fractions of organs following the introduction of typhoid vaccine. E. L. Khassman, I. B. Frin-zinova. *Vop. med. khim.*, 12 no. 3:265-266 My-Je '66.

Effect of cortisone on the protein composition of lymph and blood in autoimmune dogs. M. M. Minebaev. *Probl. endok. i gorm.*, 12 no. 3:93-97 My-Je '65.

Effect of ionizing radiation on the protein synthesis in the cell nuclei of rat tissues. V. D. Blokhina, E. F. Romantsev. *Dokl. AN SSSR* 163 no. 2:454-455 My '66.

Enzymic properties of sarcoplasmic proteins from the skeletal, cardiac, and smooth muscles in rats. I. I. Ivanov, B. F. Korovkin, I. S. Chernienko. *Biokhimiia* 31 no. 2:322-329 Mr-Ap '66.

Syndrome of simultaneous rise of the protein level in the ventricular and lumbar fluid in tumors of the brain. A. M. Muzaliev. *Vop. neirokhir.*, 30 no. 2:49-53 Mr-Ap '66.

PROTEUS—CULTURES AND CULTURE MEDIA

Significance of the duration of Proteus culture for the formation of toxin. T. M. Iakymenko. *Mikrobiol. zhur.*, 28 no. 2:39-34 '66.

PROTHROMBIN

Accelerated micromethod of determining prothrombin in plasma. N. A. Rzaev. *Azerb. med. zhur.*, 42 no. 5:38-40 My '65.

Dynamics of the fibrinogen and prothrombin content of the blood during childbirth and the early postpartum period. A. M. Efendieva. *Azerb. med. zhur.*, 42 no. 5:28-32 My '65.

Effect of cetamphen on the prothrombin time and blood coagulation. O. I. Kozlovskaya. *Farmitsev. zhur.*, 21 no. 2:71-73 '66.

PROTOLASMA

Activity of potassium and sodium ions in the protoplasm of striated muscle fibers in frogs. Z. A. Sorokina. *Biul. eksp. biol. i med.*, 58 no. 12:17-21 D '64.

Intra-acetylcholinergic membrane spectra in *Corynebacterium diphtheriae*. I. Sh. Vaisman, P. S. Barban. *Izv. AN SSSR. Ser. biol.*, no. 3:440-448 My-Je '66.

PROTOPORPHYRINS

Synthesis of dimethyl ester of protoporphyrin III. T. R. Ovspeian, R. P. Evstigneeva, N. A. Preobrazhenskii. *Zhur. ob. khim.*, 36 no. 5:606-608 My '65.

PROTOZOA, PATHOGENIC

Let us decrease losses caused by protozoal diseases of farm animals. I. V. Abramov. *Veterinariia* 42 no. 4:45-47 Ap '66.

Pneumocystosis; survey of the literature. B. A. Timofeev and others. *Veterinariia* 42 no. 4:53-56 Ap '66.

PROTOZOOLOGY—CONGRESSES

Brief news and information. *Zool. zhur.*, 45 no. 4:633-638 '66.

PROVERBS, LITHUANIAN

Simukenaite, N. [Ten Lithuanian proverbs] 10 lietuviu liaudies patariu. Vilnius, Vaga, 1965. 1 v. illus. [In Lithuanian]

PSEUDOMONAS

Food poisoning caused by *Bacillus pyocyaneus*. M. S. Torgovitskaya, E. A. Komar. *Zhur. mikrobiol., epid. i imm.*, 41 no. 7:142-143 Ji '64.

PSEUDOMONAS—CULTURES AND CULTURE MEDIA

Effect of micro-organisms on the hydrolysis of fish oil. L. N. Smolina. *Ryb. khoz.*, 42 no. 3:87-90 '66.

Induction of ribonuclease biosynthesis in *Escherichia coli* and *Pseudomonas pyocyanea*. I. I. Oleinik and others. *Mikrobiologiya* 35 no. 2:220-222 Mr-Ap '66.

PSEUDOPHYLLIDEA

State of glycogen resources in the liver of fish infested with pterocercoids of *Tricnophorus nodulosus* (Cestoda, Pseudophyllidae). A. M. Lopukhina. *Zool. zhur.*, 45 no. 5:702-705 '66.

PSEUDORABIES—CULTURES AND CULTURE MEDIA

Studying the Aujeszky's disease virus by the method of tissue cultures. V. I. Gavrilov, N. N. Dodonova, V. R. Arkhipova. *Trudy VNIHS* 18:251-263 '60.

PSEUDOTSUGA—DISEASES AND PESTS see subdivision under Moscow Province

PSKEM VALLEY—FOREST ECOLOGY

Characteristics of floodplain forests of the Pskem Valley. V. N. Pavlov. *Bot. zhur.*, 51 no. 2:205-209 F '66.

PSKOV—THEATER

On the stage of the Kremlin Theater. *Teatr* 25 no. 9:93 S '64.

PSKOV PRINCIPALITY—HISTORY—SOURCES

Marashnova, L. M. [New Pskov documents of the 14th-15th century] *Novye pskovskie gramoty XIV-XV vekov*. Pod red. A. M. Siskharova. [Moskva] Izd-vo Mosk. univ., 1966. 209 p.

PSKOV PROVINCE—RECLAMATION OF LAND

Let us inform the masses about the decision of the plenary session of the Central Committee of the CPSU in May 1966. N. Kopychev. *Part. zhizn'* no. 12:51-53 Je '66.

PSYCHOLOGY

Leningrad. *Universitet*. [Problems in general, social, and engineering psychology] *Problemy obshchego, sotsial'nogo i inzhenernoi psikhologii*. [Leningrad] Izd-vo Leningr. univ., 1966. 142 p.

Uznadze, D. N. [Psychological studies] *Psikhologicheskie issledovaniia*. Moskva, Nauka, 1966. 440 p.

PSYCHOSES

Results of the treatment of pathologic climacterium with psychotropic drugs and the prevention of involutional psychoses. M. Sh. Vol'f. *Sov. med.*, 28 no. 9:107-110 S '64.

PUBERTY

Special form of the diencephalic syndrome during the period of puberty. I. V. Katusheva. *Probl. endok. i gorm.*, 10 no. 2:50-58 Mr-Ap '64.

PUBLIC BUILDINGS see subdivision under Tashkent

PUBLIC BUILDINGS—DESIGN AND CONSTRUCTION

Development of a network of public buildings in relation to the change in the time budget of workers. I. Kravchinskai, M. Timashevskaya, O. Iantseki, Arkhit. SSSR no. 3:45-49 '66.

Instructions for designing enterprises serving public needs. *Biul. stroit. tekhn.*, 27 no. 3:4-6 Mr '65.

PUBLIC BUILDINGS—HEATING AND VENTILATION

Study of the microclimate of living areas. E. G. Perepletchikov, I. F. Fialko. *Izv. vys. ucheb. zav. i stroit. i arkh.*, 9 no. 2:81-86 '65.

PUBLIC HEALTH

(see also subdivision under Ukraine, Western)
Watching over health; for the Day of the Medical Worker. M. Pradova. *Agitator* 34 no. 10:44-46 My '66.

PUBLIC HEALTH SOCIETIES see subdivision under Moscow Province

PUBLIC PROSECUTORS

How public prosecutors supervise the observance of labor laws. N. M. Solntova. *Sov. gos. i pravo* 36 no. 5:134-135 My '66.

PUBLISHERS AND PUBLISHING

(see also subdivision under Latvia)
With the help of the Soviet public. A. Lushpa. *Kulzh. torg.*, 17 no. 5:27 My '66.

PURPERAL CONVULSIONS

Changes in the visual organ in relation to pregnancy and labor complicated by pre-eclampsia and eclampsia. V. A. Mitukov. *Sov. med.*, 28 no. 6:61-64 S '64.

PUGACHEV REBELLION

Preliminary examination of E. I. Pugachev's case and his trial (conclusion). *Vop. ist.*, 41 no. 5:107-121 My '66.

PUKHOVA, ZOIA PAVLOVNA

Distinguished weaver. G. Gorbunov, M. Zhdanov. *Agitator* 34 no. 11:17-19 Je '66.

PULLORUM DISEASES

Simultaneous diagnosis of tuberculous and pullorum disease in poultry. I. Balciunas. *Veterinariia* 43 no. 5:32-33 My '66.

PULMONARY ARTERY—DISEASES

Phonocardiographic data in stenosis of the pulmonary artery. C. C. Hieson and others. *Kardiologiya* 4 no. 2:45-49 Mr-Ap '64.

PULMONARY ARTERY—FOREIGN BODIES

Removal of a needle from the initial portion of the pulmonary artery. M. I. Ushakov. *Vest. khir.*, 96 no. 4:137-138 Ap '66.

PULMONARY CIRCULATION

Effect of stimulation of the hypothalamus on the pulmonary circulation. V. A. Tsybenko. *Fiziol. zhur.*, 50 no. 0:1150-1157 S '64.

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULMONARY FUNCTION TESTS

Evaluation of the functional state of the apparatus of pulmonary respiration in congenital defects of the heart with pulmonary hypertension. V.V. Gritsenko, G.V. Gasarov. *Grud.khiz.* 8 no.2:21-27 Mr-Apr '66.

PULPY KIDNEY DISEASE OF LAMBS

Virulence of type D Clostridium perfringens, the pathogen of enterotoxemia of sheep. K.R. Urgueev. *Veterinariia* 43 no.5:15-17 My '66.

PULSE

Significance of jugular phlebography in the diagnosis of tricuspid stenosis. N.I. Maklakov. *Kardiologiya* 4 no.2:41-44 Mr-Apr '64.

PULSE CIRCUITS

Analysis of an integrating RC stage with two synchronously operating choppers. V.I. Gostev. *Elektronika* 20 no.5:72-74 My '66.

Artificial line. V.M. Revuka. *Vest.prosvetovozd.obor.* no.5:59-62 My '66.

Determining optimal repetition period of some closed pulse control system. B.B. Ben'iaminov. *Za tekh. prog.* 6 no.4:4-5 Ap '66.

A phastatron in operation. M.Smirnov. *Tekh.i vooruzh.* 24 no.4:26-29 Ap '66.

PULSE TECHNIQUES (ELECTRONICS)

Effect of the injection pulse duration on electron capture in a betatron. N.I. Tulina. *Zhur.tekh.fiz.* 36 no.5: 937-941 My '66.

Effect of the low-frequency impedance of a gas discharge detector on the shape of a pre-detected microwave pulse. G.D. Lobov, A.I. Mamonov. *Radiotekh.i elektron.* 11 no.5:879-885 My '66.

Gavrilov, G.K. [Approximation methods for the analysis of transient processes] *Priblizhennyye metody analiza perekhodnykh protsessov.* Moskva, Sovetskoe radio, 1966. 151 p.

Measurement of some parameters of an acceleration impulse. M.I. Subbotin. *Autometriia* no.1:100-102 '66.

Optimization of the amplitude-phase characteristic of a pulse system. M.S. Cheshkov. *Trudy MIT* no.21: 129-133 '65.

Problems of the construction of communication systems with pulse-code modulation. V.M. Shein. *Elektronika* 20 no.5:21-24 My '66.

Pulse repetition rate dividers with square wave time control voltage. V.N. Iakovlev, P.N. Butrilenko. *Izv.vys.ucheb.zav.; radiotekh.* 9 no.2:214-223 Mr-Apr '66.

The pulse system of group-type dispatch accounting for the use of available time. R.V. Sokolov. *Trudy LIEI* no.58:287-294 '66.

Russia (1923- U.S.S.R.) *Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniyam.* [Program of a course in "Pulse devices" for institutions of higher learning in major 0701 - Radio engineering] *Programma kursa "Impul'snye ustroystva" dlia vysshikh uchebnykh zavedenii po spetsial'nosti 0701 - Radiotekhnika.* Moskva, Vysshaya shkola, 1966. 11 p.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Coordination of the parameters of automobile engines and fire pumps. A.S. Nechev. *Pozh.tekh.* no.9: 75-83 '65.

Effecting withdrawals in testing aquifers using an advanced method. A.G. Teslin. *Izv.vys.ucheb.zav.; geol.i razv.* 9 no.5:86-89 My '66.

Investigating the operation of a 3000 m³/hr pumping aggregate. A.E. Rotte, L.A. Matskin. *Transp.i khim. nefteprod.* no.2:12-15 '65.

Lomakin, A.A. [Centrifugal and axial-flow pumps] *TSentrobrazhnyye i osyevye nasosy. Izd.2., perer.i dop.* Moskva, Mashinostroyeniye, 1966. 363 p.

Method for packing feed pump glands increasing their operating life. S.S. Gorbenko. *Energetik* 14 no.5:33 My '66.

Modernization of acid pumps. N.I. Susloko. *Gidroliz.i isokhim.prom.* 19 no.4:24 '66.

Serebrennikov, V.V., and V.V. Dykov. [Handbook for the operator of pumping and compressor units] *Spravochnik mashinista nasosnykh i kompressornykh ustano- vok.* Kiev, Tekhnika, 1966. 251 p.

Work regime of a group of artesian wells and sinking pumps feeding a general reservoir. V.V. Vil'kova. *Trudy Kish.poltelkh.fiz.* no.2:136-143 '64.

PUMPING MACHINERY—TESTING

Maintenance of flow similitudes in calibrating nozzles used in investigating the performance of pumps. N.S. Ershov. *Izv.vys.ucheb.zav.; av.tekh.* 9 no.1:165-171 '63.

PUMPING MACHINERY, ELECTRIC

Assembling riverbank pumping station No.1. I.U. F. Zimin. *Energ.stroil.* no.3:33-39 '65.

PUMPING STATIONS

Automation of oil field pumping stations. S.G. Markarov, D.S. Ryss, P.P. Sysoev. *Transp.i khim. nefteprod.* no.2:9-12 '65.

Investigating a new-type experimental station for sea-water intake. M.D. Melnikov. *Za tekh. prog.* 6 no.4:35-37 Ap '66.

PUMPING STATIONS—EQUIPMENT AND SUPPLIES

Measuring stresses in the process of sinking a coffer. V.P. Dmitriev, G.D. Sergienkov. *Prom.stroil.* 43 no.5:37-38 '65.

PUNCHED CARD SYSTEMS

The punched card and the productivity of intellectual work. S. Alimkhodzhaev. *Ekon.i zhizn'* 8 no.4:88-91 Ap '66.

PUNCHED CARD SYSTEMS—BUILDING

Card catalog of abstracts concerning housing and municipal construction put on punched cards. M.M. Marchevskii. *Stroil.i arkh.* [Zhurnal] 8 no.4:138-141 '66.

PUNCHED CARD SYSTEMS—COOPERATIVE SOCIETIES see subdivision under Lvov Province

PUNCHED CARD SYSTEMS—FOUNDING

Using computer techniques in the operational planning in founding. V.B. Liberman. *Lit.proizv.* no.4:6-7 Ap '66.

PUNCHED CARD SYSTEMS—LEGAL DOCUMENTS see subdivision under Estonia

PUNCHED CARD SYSTEMS—MACHINERY INDUSTRY see subdivision under Leningrad

PUNCHED CARD SYSTEMS—PLANT INDICATORS

Use of punched cards with margin perforation in compiling the card indexes of phytoecological descriptions for indicator purposes. E.A. Vostokova, D.D. Vyshivkin. *Bot.zhur.* 51 no.2:234-239 F '66.

PUNCHING MACHINERY

Experimental study of the disintegration of rocks with a wedge-like punch in the presence of a second exposed surface. L.G. Grabchak, L.V. Komarov, V.V. Nosov. *Izv.vys.ucheb.zav.; geol.i razv.* 9 no.5:116-121 My '66.

PUNCTURES (MEDICINE)

Disorders of the cardiac activity in percutaneous punctures of the left ventricle with aortic catheterization. G.I. Astrakhantseva, R.S. Petrosian. *Kardiologiya* 4 no.2:69-70 Mr-Apr '64.

Puncture of the left ventricle in the diagnosis of some defects of the heart and major vessels. F.Kh. Kutushev, A.N. Zoria. *Kardiologiya* no.5:20-24 '64.

PURINES

Chromatographic determination of pure bases and pyrimidine nucleotides in biological materials. A.S. Vecher and others. *Dokl.AN BSSR* 10 no.4:265-268 Ap '66.

PURPURA (PATHOLOGY)

Hemorrhagic vasculitis in myocardial infarct. S.G. Moiseev, N.V. Ershova. *Kardiologiya* no.5:77-78 '64.

Immunologic reactions following hormone therapy and splenectomy in children with Werthof's disease. O.S. Sveshnikova. *Sov.med.* 28 no.9:116-118 S '64.

Treatment of patients in the acute phase of Werthof's disease. A.S. Kikel', L.S. Tsipa, F.I. Bolotnikova. *Probl.gemat.i perel.krovi* 11 no.4:35-38 Ap '66.

Use of 6-mercaptopurine in the treatment of the immune form of Werthof's disease. L.G. Kovaleva. *Probl.gemat.i perel.krovi* 11 no.4:39-41 Ap '66.

PUSHKAREVA, ZOIA VASIL'EVNA

A genuine scholar. E.Sarava. *Agitator* 34 no.11:21-22 Je '66.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837 "Defenders of the whip and lash..."; discussions in regard to Pushkin's verse. T.G. Tsiavlovskaya. *Izv.AN SSSR, Ser.Lit.i iz.* 25 no.2:123-133 Mr-Apr '66.

In the A.S. Pushkin Museum. V.Nepomnashchil. *Teatr* 25 no.9:87 S '64.

Lifar, Sergio. [My foreign Pushkiniana; Pushkin exhibitions and editions] *Moya zarubezhnaya Pushkiniana; pushkinskie vystavki i izdaniia.* Paris, 1966. 187 p. [In Russian and French]

More on the "Monument" of Pushkin; on the teaching of literature in the school. D.D. Hagoi. *Izv.AN SSSR, Ser.Lit.i iz.* 25 no.2:116-122 Mr-Apr '66.

Rozhdetsvenski, V.A. [Reading Pushkin] *Chitaya Pushkina. [2 izd.]* Leningrad, Detskaya literatura, 1966. 187 p. [Shkola biblioteka]

PYASINA VALLEY—REINDEER

Wild reindeer in the Pyasina basin. A.V. Kreehmar. *Zool.zhur.* 45 no.4:599-600 '66.

PYATIGORSK—HEALTH RESORTS, WATERING, PLACES, ETC.

Effectiveness of the treatment of diabetes mellitus at Pyatigorsk Health Resort. N.K. Vasil'eva. *Vop.kur., fizioter.i lech.fiz.kul't.* 29 no.5:424-430 S-O '64.

PYATIGORSK—MINERAL WATERS

Changes in the motor activity of the large intestine following internal use of Pyatigorsk mineral waters. I.U. K. Vasilenko. *Vop.kur., fizioter.i lech.fiz.kul't.* 29 no.5:413-419 S-O '64.

PYRANONE

Synthesis of unsaturated γ -lactones. Part 2: Preparation and reaction of 3-alkyl (benzyl)-6-methyl-3,4-dihydro- α -pyranones. M.G. Zafin and others. *Izv.AN Arm. SSR, Khim.nauk* 18 no.6:600-605 '65.

PYRAZOLIDINONE

Interaction of asymmetrical disubstituted hydrazines with β -unsaturated acid derivatives. Report No.2: Structure of 1,4-dimethyl-3-pyrazolidinone oxides. N.P. Zapevalova, T.A. Sokolova. *Izv.AN SSSR, Ser.khim.* no.5:665-671 '66.

Quantitative determination of phenidone and its derivatives in photographic developers. T.A. Kolesnikova, N.I. Staroverova, A.P. Strul'nikova. *Tekh.kino i telev.* no.5:37-42 My '66.

PYRAZOLINONE

Use of pyrazolinone derivatives for fluorimetric determination of dysprosium. M.A. Tishchenko and others. *Ukr.khim.zhur.* 32 no.5:508-513 '66.

PYRIDAZINEDIONE

Use of maleic hydrazide acid in sugar beet seed production. V.S. Dolia. *Khim.v sel'khoz.* 4 no.5:43-47 My '66.

PYRIDINE

Antimicrobial effect of some dialkylaminophenyl- and styrenepyrindines. L. R. Kolomoitsev and others. *Mikrobiol.zhur.* 28 no.3:67-72 '66.

Hydrogenation and viscosity of solutions of poly-2-methyl-5-vinylpyridine derivatives. V.N. Tsyvlovskiy and others. *Vysokom.socd.* 8 no.5:816-854 My '66.

Catalytic dehydrogenation of 2-methyl-5-ethylpyridine. O.K. Bogdanova, I.P. Belomestnykh, A.A. Balandin. *Dokl.AN SSSR* 168 no.2:372-375 My '66.

Characteristics of the viscous behavior of solutions of methyl methacrylate copolymers with 2-methyl-5-vinylpyridine in various media. S.M. Kocherzgin, V.P. Hachanov, L.G. Fedorova. *Vysokom.socd.* 9 no.5: 916-920 My '66.

Thermal properties of magnesium perchlorate compounds with dioxane and pyridine. L.I. Chudinova, V.P. Trofimovskaya. *Zhur.neorg.khim.* 11 no.4:775-780 Ap '66.

PYRIDINE—THERAPEUTIC USE

Protective effect of 1-phenacyloxime-4-methylpyridine chloride in experimental phosphorus poisoning. M. Mitoheviich and others. *Farm.toks* 29 no.2: 220-234 Mr-Apr '66.

PYRIDONE

Reaction of C-acylation of heterocyclic keto enols. Report No.3: 4-Hydroxy-3-acyl-6-methyl-2-pyridones and their N-methyl derivatives. N.S. Vulfson, G.M. Sukhotin, V.N. Zheleznova. *Izv.AN SSSR, Ser.khim.* no.5:887-891 '66.

PYRIDOXINE

Effect of vitamin B₆ on diuresis in patients with pronounced circulatory disorders. F.I. Komarov, V.S. Novikov, B.A. Onikienko. *Kardiologiya* 4 no.2:53-55 Mr-Apr '64.

PYRIDOXINE—PHYSIOLOGICAL EFFECT

Bilignic function of the liver in the combined introduction of pyridoxine with glucose in acute experimental hepatitis. I.Kh. Paschuk. *Farm.toks.* 29 no.2: 192-196 Mr-Apr '66.

PYRIDOXINE METABOLISM

Pyridoxine metabolism and transaminase activity of blood serum in patients with pulmonary tuberculosis during chemotherapy. V.D. Gol'dshein. *Vop.med.khim.* 12 no.3:234-239 My-Je '66.

PYRIMIDINE

Chromatographic determination of pure bases and pyrimidine nucleotides in biological materials. A.S. Vecher and others. *Dokl.AN BSSR* 10 no.4:265-268 Ap '66.

PYRIMIDINE—TOXICOLOGY

Effect of chloridina on the blood in pregnant women. E.M. Shitova. *Probl.gemat.i perel.krovi* 11 no.1: 25-27 Ja '66.

PYRITES

(see also subdivision under Dashkasan District)

Effect of pulp density on the flotation of pyrites. A.A. Golikov, N.A. Mashkovtseva. *TSvet.met.* 39 no.5:14-16 My '66.

PYROCATACHOL

Spectrophotometric determination of titanium as a pyrocatechol complex with picolinic acid. S.A. Shaiderman, E. N. Kuznetsov. *Zhur. anal. khim.* 21 no. 4:419-421 '66.

PYROCERAMICS

Some physicochemical properties of high-iron glasses of slag composition. N.M. Pavlushkin, T.D. Nurbekov. *Trudy MKIT* no. 45:139-144 '64.

PYROCHLORE—CLASSIFICATION

Systematization of the pyrochlore-microlite group of minerals. E. M. Boshchikov-Kupetskaia. *Zap. Vses. min. ob-va* 95 no. 2:134-144 '66.

PYROGALLOL

Spectrophotometry of the complex formation of zirconium and hafnium ions with pyrogallol. A. D. Pakhomova, I. A. L. Rukhova, I. A. Shkva. *Zhur. neorg. khim.* 11 no. 5:1161-1166 My '66.

PYROGENS

Changes in the functional state of the thermoregulation center in overheating and following overheating. F. F. Sultanov. *Pat. fiziol. i eksp. terap.* 10 no. 2:23-38 Mr-Apr '66.

Chertkova, F. A., and T. V. Shapovalova. [Bacterial pyrogens] Bakterial'nye pirogeny. Moskva, Meditsina, 1966. 150 p. (Biblioteka prakticheskogo vracha) (DNLM)

Comparative study of the physiological effect of bacteriological and leucocytic pyrogens. O. M. Efremov. *Pat. fiziol. i eksp. terap.* 10 no. 2:19-23 Mr-Apr '66.

PYROLYSIS

Economic indices of the pyrolysis of straight-run gasolines. V. P. Davydov. *Nefteper. i neftekhim.* no. 5:19-21 '66.

Hydrogenolysis and pyrolysis of bicyclo-(3,2,0)-heptane. A. F. Plate and others. *Neftekhimiya* 4 no. 6:819-823 N-D '64.

Pyrolysis of ethane and dodecylbenzene on certain ores. V. V. Patrikeev, A. A. Balandin, K. I. Orlova. *Zhur. prikl. khim.* 38 no. 3:1308-1313 Ag '65.

Pyrolysis of straight-run gasoline in the superheated steam flow under increased pressures. V. I. Malorov, S. M. Furer, T. N. Mukhina. *Nefteper. i neftekhim.* no. 3:32-34 '66.

PYROMELLITIMIDE

Aromatic polypyromellitimides based on aromatic diamines containing phthalide or phthalimide side groups. S. V. Vinogradova, V. V. Korshak, I. A. S. Vygodskii. *Vysokom. soed.* 8 no. 3:800-814 My '64.

PYRONINE

Photocolorimetric method of quantitative determination of pyronine bound by ribonucleic acid. A. M. Golubev, E. L. Golubeva. *Ark. pat.* 28 no. 4:80-82 '65.

PYROPE see subdivision under Ukraine

PYROPHOSPHATES

Tin plating in a pyrophosphate electrolyte. M. E. Lerner, A. D. Golushko, A. N. Shiriaeva. *Ukr. khim. zhur.* 32 no. 5:537-538 '65.

PYROSULFURIC ACID

Acylation by pyrosulfuric acid derivatives. G. A. Sokol'skii. *Zhur. ob. khim.* 36 no. 5:798-801 My '66.

PYROXENES

Symplectic intergrowth of magnetite with pyroxene. L. D. Iur'ev. *Zap. Vses. min. ob-va* 95 no. 2:238-241 '66.

PYRRHOTITE see subdivision under Siberian Platform

PYRROLE

3-Methyl-5-propylpyrrole-(2-azo-2')-phenol as a reagent for the photometric determination of cobalt. A. I. Cherepakina. *Zhur. anal. khim.* 21 no. 4:502-504 '66.

PYRUVIC ACID

Transformation of pyruvic acid in wheat leaves infected with leaf rust of wheat. N. B. Popova. *Vest. sel'-khoz. nauki* 11 no. 4:100-103 Ap '66.

PYRYLIUM COMPOUNDS

Condensation of pyrylium salts with some natural amines. A. N. Narkevich, G. N. Dorofeenko, I. A. Zhdanov. *Zhur. ob. khim.* 36 no. 5:819-823 My '66.

Q FEVER see subdivision under Azerbaijan; Bulgaria

Q FEVER—PREVENTIVE INOCULATION

Experimental study of enteral immunization against Q fever with live vaccine. A. A. Vorob'ev, V. N. Pautov. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:41-45 Ag '64.

QUADRATIC EQUATIONS see Equations, Quadratic

QUADRATURE FORMULA

A quadrature formula for computing Wiener integrals with weight. T. Tobias. *Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk* 15 no. 1:17-27 '66.

QUALITY CONTROL

(see also subdivision under Moscow)

Production quality and the efficiency of communal production. B. Kapitonov. *Vop. ekon.* no. 4:33-41 Ap '66.

Quality control of graphite in flotation concentration plants by means of reflected β -radiation, and its automation. R. Jirkovsky. *Zhur. anal. khim.* 21 no. 4:435-458 '66.

Sis'kov, V. I. [Statistical measurement of production quality] Statisticheskoe izmerenie kachestva produktsii. Moskva, Statistika, 1966. 165 p.

QUANTUM CHEMISTRY

Quantum yield of acetone and chain length in the photochemical reaction of propane oxidation in the presence of bromine. A. I. Porolkova, V. V. Voevodskii, A. B. Nalbandian. *Dokl. AN SSSR* 168 no. 2:386-387 My '66.

Sensitivity of luminescent analysis and quantum yield of luminescence of aluminum, gallium, and indium hydroxyquinolates. A. K. Babko, S. P. Baranov, I. B. Titkov. *Ukr. khim. zhur.* 32 no. 5:494-502 '66.

QUANTUM ELECTRODYNAMICS

Quantization of an electromagnetic field in a dispersing medium. A. I. Alekseev, I. P. Nikitin. *Zhur. eksp. teor. fiz.* 50 no. 4:915-925 Ap '66.

Quantum theory of particles with electric and magnetic charges. R. V. Tevikian. *Zhur. eksp. teor. fiz.* 50 no. 4:911-914 Ap '66.

Quantum theory of the electroconductivity of semiconductors with a nonstandard valence band. B. M. Askarov, F. M. Gashimzade. *Pis'm. v red. Zhur. eksp. i teoret. fiz.* 3 no. 9:350-354 My '66.

QUANTUM ELECTRONICS

Analysis of spin-lattice relaxation of Er^{3+} ions in CdF_2 and CaF_2 single crystals in the frequency interval of 3 to 70 Kmc. G. M. Zverev, A. I. Smirnov. *Fiz. tver. tel.* 5 no. 5:1379-1381 My '66.

Dynamics of the generation of a gigantic coherent light pulse. V. S. Letokhov, A. F. Suchkov. *Zhur. eksp. teor. fiz.* 50 no. 4:1148-1155 Ap '66.

Effect of impurities on the charge carrier mobility in amorphous selenium. D. T. Kolomiets, E. A. Lebedev. *Fiz. tver. tela* 8 no. 4:1136-1139 Ap '66.

Field dependence of spin-lattice relaxation time. Single-phonon processes in CaWO_4 : Nd^{3+} and CaF_2 : Nd^{3+} . N. E. Kask. *Fiz. tver. tela* 8 no. 4:1129-1135 Ap '66.

One possible mechanism underlying the instability of an electron plasma in crystals. A. S. Tager. *Pis'm. v red. Zhur. eksp. i teoret. fiz.* 3 no. 9:369-372 My '66.

Spectrum edges of disordered systems. D. I. Khomskii. *Fiz. tver. tela* 8 no. 5:1592-1598 My '66.

Tunable parametric generator of light operating on a KDP crystal. S. A. Akhmanov and others. *Pis'm. v red. Zhur. eksp. i teoret. fiz.* 3 no. 9:372-378 My '66.

QUANTUM ELECTRONICS—CONGRESSES

Academiia nauk URSS. Kiev. Institut potuprovodnikov. [Quantum electronics; proceedings of a conference on quantum electronics in the Ukrainian S. S. R.] Kvantovaya elektronika; trudy respublikanskogo seminaru po kvantovoi elektronike. Kiev, Naukova dumka, 1966. 345 p.

QUANTUM FIELD THEORY

Phonon spectrum of metals in a magnetic field. A. I. Blank, E. A. Kaner. *Zhur. eksp. teor. fiz.* 50 no. 4:1013-1023 Ap '66.

Symmetry group of solutions to the Klein-Gordon equation in an external vector field. A. A. Grib. *Dif. urav.* 2 no. 5:688-694 My '66.

Theory of light absorption by carriers in a quantized magnetic field. Z. I. Uriskii, G. V. Shuster, A. I. Kozinskaya. *Fiz. tver. tela* 8 no. 5:1621-1622 My '66.

QUANTUM THEORY

The categories of possibility and reality and the problem of objective reality in quantum mechanics. V. Kh. Arutunov. *Filos. probl. such. pyrod.* no. 2:93-100 '64.

Collective M1-transitions in even nuclei. D. P. Grechukhin. *Pis'm. v red. Zhur. eksp. i teoret. fiz.* 3 no. 10:422-424 My '66.

Dialectical and materialistic conception of determinism and quantum mechanics. V. I. Paredorff. *Filos. probl. such. pyrod.* no. 2:84-92 '64.

Forbidden transitions in atomic systems induced by homogeneous and inhomogeneous electrical intermolecular fields in a plasma. L. I. Grechukhin. *Dokl. AN BSSR* 10 no. 4:232-235 Ap '66.

Indirect transitions related to electron Coulomb interaction. E. M. Kazarian. *Fiz. tver. tela* 8 no. 4:1053-1059 Ap '66.

Light scattering by light in semiconductors and insulators. A. A. Grinberg, N. I. Kramer. *Fiz. tver. tela* 8 no. 5:1555-1561 My '66.

Lines of forbidden transitions related to the first excited sp^2 configurations in the photoelectronic coronal sequences. Part 3. A. A. Nikitin, O. A. Iakubovskii. *Vest. LGU* 21 no. 7:149-149 '66.

Manifestation of Kirchhoff's law in gamma-ray spectroscopy. I. U. Mazurenko. *Dokl. AN SSSR* 168 no. 2:320-321 My '66.

The negation of negation in quantum theory. V. S. Barashenkov. *Vop. filos.* 20 no. 5:93-95 '65.

Optical absorption in semiconductors with impurity center contribution in an external magnetic field. I. A. Rozneritsa, A. G. Cheban. *Fiz. tver. tela* 8 no. 3:894-899 Mr '66.

Properties of nonautonomous classical systems and quantum mechanics. I. S. Mavrychev. *Izv. vys. uchub. zav. i fiz.* 9 no. 2:83-86 '66.

Quantum yield of the intrinsic photoeffect in AgBr single crystals. K. N. Loskutov. *Fiz. tver. tela* 8 no. 3:939-951 Mr '66.

Rose, Morris Edgar. [Multipole fields. Translated from the English] Polia multipoln. Moskva, 1957. 132 p. (NML)

Spin-lattice relaxation of conductivity electrons in n-InSb type semiconductors. S. T. Pavlov. *Fiz. tver. tela* 8 no. 3:900-907 Mr '66.

Structure of energy levels and exchange interaction of Co^{2+} ions in NaCoF_3 . R. V. Pisarev, A. I. Belikova, P. P. Syrnikov. *Fiz. tver. tela* 8 no. 3:783-787 Mr '66.

Theory of spin waves in ferromagnets. A. I. Mitsek. *Fiz. tver. tela* 8 no. 5:1498-1503 My '66.

Theory of the periodic law in the case of high voltages. Part 1. S. V. Izmailov, G. A. Shad'man. *Zhur. tekhn. fiz.* 35 no. 10:1889-1896 O '65.

Variation in the quantum yield of the intrinsic photoeffect in AgBr single crystals due to ultraviolet irradiation. K. N. Loskutov. *Izv. vys. uchub. zav. i fiz.* 9 no. 2:163-164 '66.

QUANTUM THEORY—STUDY AND TEACHING

Introducing the basic principles of the theory of relativity and quantum mechanics in a secondary school physics course. I. I. Logvinov, D. Kh. Rubinshtein. *Izv. AIPN* no. 14:68-82 '65.

QUARRIES AND QUARRYING

(see also subdivision under Angren region, Uzbekistan)

Drukovanyi, M. F., L. M. Gelman, and V. M. Komir. [New methods and prospects for expanding blasting operations in quarries] Novyye metody i perspektivy razvitiya vzryvnykh rabot na kar'erakh. Moskva, Nauka, 1966. 201 p.

Reducing the time required for the construction of quarries for jawed limestone is one of the ways to improve their technical and economic effectiveness. I. A. Bogachevskii. *Trudy Kish. politekh. inst.* no. 2:114-120 '64.

Use of mazut as a combustible addition in preparing ignites. G. P. Lichell, A. I. Tevzade, B. Z. Tabatadze. *Vzryv. delo* no. 59/16:177-181 '66.

QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES

Distribution of rock lumps in a blasted block. I. I. Bellakov, A. V. Kutnits, S. A. Palianchko. *Vzryv. delo* no. 59/16:184-186 '66.

Influence of the quality of comminution during explosion breaking on the performance of excavators. G. I. Volovikov. *Vzryv. delo* no. 59/16:150-154 '66.

Influence of the size of stemming on the comminution quality of blasted rock in quarries. M. F. Drukovanyi, V. M. Komir, I. A. Semenuk. *Vzryv. delo* no. 59/16:166-177 '66.

QUARTZ

(see also subdivision under Kurama Range; Pamirs; Ural Mountains; Uzbekistan)

Formation of curved parallel columnar quartz in crystal deformation by means of the formation and healing of fissures. D. P. Grigor'ev, I. N. Matveeva. *Min. shor.* 19 no. 2:137-140 '65.

Reactions in mixtures of quartz with soda and sulfate and their thermodynamics. M. A. Matveev, B. N. Frenkel', G. M. Matveev. *Trudy MKIT* no. 45:125-138 '64.

Temperature effect on the strength of pickled quartz glass when in its high-strength state. F. F. Vitman, M. V. Masterova, V. P. Pukh. *Fiz. tver. tela* 8 no. 5:1504-1510 My '66.

QUARTZITE

Flotation of oxidized quartzites of the Southern Mining and Ore dressing Combine. F. N. Belash, Kh. U. Koval'-chuk, O. V. Pugina. *Gor. zhur.* no. 5:55-58 My '66.

A new hypothesis of the origin of iron quartzites. A. I. Imshenetski. *Priroda* 55 no. 5:116-118 My '66.

Studying the reverse flotation of the Mikheylovka deposit quartzites by an anion collector. L. T. Ozolin. *Gor. zhur.* no. 5:58-61 My '66.

QUARTZITE—ANALYSIS see subdivision under Kamchatka

QUASARS

Observations of intensity fluctuations in the radio emission from the quasar source 3C-48 based on inhomogeneities of interstellar plasma. V. V. Vitkevich, T. D. Antonova, V. I. Vlasov. *Dokl. AN SSSR* 168 no. 1:55-58 My '66.

QUASARS (Continued)

Role of coherent plasma radio emission from quasars and remnants of supernovae. V. L. Ginzburg, L. M. Ozernoi. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 2:222-233 '66.

QUATERNIONS

Screw surfaces of quasi-translations and their relation of plane kinematics. I. A. P. Blank, E. A. Kosachevskaya. *Ukr. geom. sbor.* no. 1:3-11 '65.

QUESTIONNAIRES

Questionnaires are an effective method for the study of demand. T. Iychkova, A. Orlov, Z. Nikolaeva. *Sov. tozp.* 39 no. 5:38-40 My '66.

QUINCE

Prospects for the use of quince in landscape gardening. S. V. Klimentov-Shaidarova. *Biol. Glav. bot. sada.* no. 59: 29-30 '65.

QUININE—PHYSIOLOGICAL EFFECT

Two cases of calcification of soft tissues following therapeutic quinine injections. N. D. Kadyr-Zade, G. E. Gen. *Vest. rent. i rad.* no. 2:77 '64.

QUINOLINE

8-mercaptopurine and 8-hydroxyquinoline as inhibitors of steel, cast-iron and copper corrosion in acid media in presence of ammonium ions. V. P. Dobrovolskaya, T. G. Neznanova, V. P. Baranik. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 9 no. 1:144-147 '66.

Solubility of quinoline bases in water. M. M. Potashnikov, I. G. Melavina. *Zhur. prikl. khim.* 38 no. 8:1824-1830 Ag '65.

QUINOLINE—SPECTRA

Structure and bacteriostatic activity of isomeric chloro-4-aminquinolines. L. S. Sokol, V. I. Blyzniukov, F. A. Matsev. *Zhur.* 19 no. 2:21-24 '64.

QUINOLINE—THERAPEUTIC USE

Characteristics of the course of experimental amyloidosis under the effect of renochin and prednisone. V. V. Serev, N. A. Mikhlin. *Arkh. pat.* 28 no. 4:31-39 '66.

QUINOLINOL

First results of the trial of a dry elective quinosol medium for the microbiological diagnosis of alzheimeria. P. I. Buchin, E. K. Plotnikova. *J. mikrobiol., epid. i immun.* 41 no. 8:130 Ag '64.

Reaction of lanthanum with alizarin S and o-hydroxyquinoline. L. S. Serdink, S. M. Lazorina. *Zhur. neorg. khim.* 11 no. 5:1142-1147 My '66.

Sensitivity of luminescent analysis and quantum yield of luminescence of aluminum, gallium, and indium hydroxyquinolates. A. K. Babko, S. P. Baranov, I. U. B. Tikhov. *Ukr. khim. zhur.* 32 no. 5:404-502 '66.

QUINONES

Addition of sulfuric acid salts to quinones and aromatic hydroxy compounds. Z. V. Fedra-Sektor. *Org. poluprod. i krau.* no. 3:82-89 '65.

Detection of p-nitrosophenol impurity in reactive quinone dioxane. E. A. Titly, S. I. Burdakov, V. I. Sereda. *Zav. lab.* 32 no. 1:21-22 '66.

Stable methylene quinones. V. V. Ershov, A. A. Volod'kin, G. D. Ostapets-Svenilnikova. *Izv. AN SSSR, Ser. khim.* no. 5:928-930 '66.

RABBITS AS LABORATORY ANIMALS

Method of thymectomy in rabbits. S. G. Cherdynchev. *Uch. zap. TGPI* 21:120-124 '64.

RABIES

Comparative pathomorphology in experimental madness and rabies. G. V. Kozlov, Arkh. pat. 28 no. 4:53-58 '65.

RACE DISCRIMINATION see subdivision under South Africa, Republic of

RADAR

Optimization of the amplitude-phase characteristic of a pulse system. M. S. Chesnikov. *Trudy MIIT* no. 211: 129-133 '65.

[Principles of radio engineering and radar; display units, rectifiers, and semiconductor devices] Osnovy radio-tekhniki i radiolokatsii; indikator, vypryamitel i poluprovodnikovye pribory. [By] V. Z. Slutskii i dr. Izd. 2, perer. i dop. Moskva, Voenizdat, 1968. 429 p.

RADAR, MILITARY

Artificial line. V. M. Revuka. *Vest. protivovozd. obor.* no. 5:59-62 My '66.

For high quality of photocontrol. O. S. Molotovskikh. *Vest. protivovozd. obor.* no. 5:48-51 My '66.

RADAR, MILITARY—GRAPHIC METHODS

By means of a graph. M. G. Utkin. *Vest. protivovozd. obor.* no. 5:66-68 My '66.

RADAR IN NAVIGATION

Effect of meteorological conditions on the detection of targets by radar. A. Kotukh. *Mor. flot* 24 no. 1:18-21 Ja '64.

Improving the operating reliability of marine radar stations. P. Davydov. *Mor. flot* 24 no. 1:16-18 Ja '64.

Latinskii, S. M. [Deviation of ship radar stations] Deviatia sudovykh radiolokatsionnykh stantsii. Leningrad, Sudostroenie, 1966. 158 p.

Notes and suggestions on the "Temporary manual for the use of radar stations for the prevention of ship collisions." M. Kozhemiako. *Rech. transp.* 25 no. 4:53-54 '66.

Radar and international rules for the prevention of ship collisions. T. B. Vandakov. *Inform. sbor. TSNIMF* no. 146. *Sudovozh. i sviaz'* no. 33:50-56 '66.

RADIATION

Influence of ionizing radiation on the kinetics of hydroperoxide accumulation in the oxidation of cumene at higher temperatures. Role of impurities contained in the cumene. V. L. Antonovskii, I. A. Kuznetsov, I. A. Mekhlushev. *Neftekhimiya* 4 no. 6:803-808 N-D '64.

Natural correction of the radiation-distorted structure of zircon and its geological significance. B. A. Unikov. *Geokhimiya* no. 7:623-634 JI '64.

Orav, Tojvo. [Radiations and organisms] Kirguzskii j. organizmi, Tallinn, Kirgizskii "Valgus," 1965. 124 p. [In Estonian]

A Problem bearing on nonlinear transfer of radiation. N. B. Ingbaria. *Astrofizika* 2 no. 1:31-36 Mr '66.

Rose, Morris Edgar. [Multipole fields. Translated from the English] Polia mul'tipoli. Moskva, 1957. 132 p. (NBU)

Statistics of rays in a plane-layered medium with a random inhomogeneity. V. M. Komissarov. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 2:292-301 '66.

Transfer of resonance radiation in an infinite medium. Part I. D. I. Nagirner, V. V. Ivanov. *Astrofizika* 2 no. 1:5-30 Mr '66.

RADIATION—CATALOGS

[Catalog of meteorology and nuclear radiation data of the World Data Center B1] Kat. dan. po meteor. i rad. rad. Ja, JI '65.

RADIATION—EFFECT ON ACRYLONITRILE POLYMERS see Acrylonitrile polymers, Effect of radiation on

RADIATION—EFFECT ON ALLYL GROUP see Allyl group, Effect of radiation on

RADIATION—EFFECT ON AMINO ACIDS see Amino acids, Effect of radiation on

RADIATION—EFFECT ON ANTHRACENE CRYSTALS see Anthracene crystals, Effect of radiation on

RADIATION—EFFECT ON BENZENE see Benzene, Effect of radiation on

RADIATION—EFFECT ON CADMIUM ISOTOPES see Cadmium isotopes, Effect of radiation on

RADIATION—EFFECT ON CADMIUM SULFIDE CRYSTALS see Cadmium sulfide crystals, Effect of radiation on

RADIATION—EFFECT ON CHLOROPHYLL see Chlorophyll, Effect of radiation on

RADIATION—EFFECT ON COPPER COMPOUNDS see Copper compounds, Effect of radiation on

RADIATION—EFFECT ON CRYSTALS see Crystals, Effect of radiation on

RADIATION—EFFECT ON DEUTERIUM OXIDE see Deuterium oxide, Effect of radiation on

RADIATION—EFFECT ON FRUIT see Fruit, Effect of radiation on

RADIATION—EFFECT ON GALLIUM PHOSPHIDES see Gallium phosphides, Effect of radiation on

RADIATION—EFFECT ON HYDROCHLORIC ACID see Hydrochloric acid, Effect of radiation on

RADIATION—EFFECT ON IONIC CRYSTALS see Ionic crystals, Effect of radiation on

RADIATION—EFFECT OF LITHIUM FLUORIDE CRYSTALS see Lithium fluoride crystals, Effect of radiation on

RADIATION—EFFECT ON MEAT see Meat, Effect of radiation on

RADIATION—EFFECT ON ORGANIC COMPOUNDS see Organic compounds, Effect of radiation on

RADIATION—EFFECT ON PLANTS see Plants, Effect of radiation on

RADIATION—EFFECT ON POLYETHYLENE see Polyethylene, Effect of radiation on

RADIATION—EFFECT ON POLYMERS see Polymers, Effect of radiation on

RADIATION—EFFECT ON RADICALS (CHEMISTRY) see Radicals (Chemistry), Effect of radiation on

RADIATION—EFFECT ON RUBBER see Rubber, Effect of radiation on

RADIATION—EFFECT ON SEEDS see Seeds, Effect of radiation on

RADIATION—EFFECT ON SILICON see Silicon, Effect of radiation on

RADIATION—EFFECT ON SILICON CARBIDE see Silicon carbide, Effect of radiation on

RADIATION—EFFECT ON SILVER BROMIDE CRYSTALS see Silver bromide crystals, Effect of radiation on

RADIATION—EFFECT ON WATER see Water, Effect of radiation on

RADIATION—PHYSIOLOGICAL EFFECT

Effect of irradiation on the multiplication of bacteria of tularemia vaccine strain in the body of mice and guinea pigs. A. S. Shevelev. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:107-111 Ap '66.

Endurance of extreme acceleration following exposure to ionizing radiation. B. I. Davydov. *Dokl. AN SSSR* 168 no. 3:691-693 My '66.

Immunological reactivity of radiation chimeras. D. R. Kaulen. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:117-123 JI '64.

Romanov, E. F., and others. [Early radiation-biological reactions] Ranne radiatsionno-biokhimiicheskie reaktsii. Pod red. E. F. Romanova. Moskva, Atomizdat, 1966. 270 p.

Synergistic effect of ionizing radiation and vibration on the animal organism. T. S. L'vova. *Izv. AN SSSR, Ser. biol.* no. 3:355-361 My-Je '66.

RADIATION—SAFETY MEASURES

Device for limiting harmful radiation in roentgenoscopy. A. I. Nesis. *Vest. rent. i rad.* no. 2:70-71 '64.

Evaluation of the irradiation rate in examined persons using electronic optic image converters. R. V. Stavitski, E. G. Fridman. *Vest. rent. i rad.* 41 no. 2:83-85 Mr-Apr '66.

Reduction of the irradiation dose in roentgenoscopy. F. F. Telchenko. *Vest. rent. i rad.* 41 no. 2:77-83 Mr-Apr '66.

Selection of dominant radiation in the calculation of protection during work with electron accelerators. I. P. Korenkov. *Med. rad.* 11 no. 4:47-50 Ap '66.

RADIATION COUNTERS see Nuclear counters

RADIATION—PROTECTIVE AGENTS

Bacillus mucilaginosus polysaccharide as a protective agent against ultraviolet radiation. E. I. Milevskii. *Mikrobiologiya* 35 no. 2:307-311 Mr-Apr '66.

Radiation injury of protein molecules and molecular protection mechanisms. L. Kh. Eidus. *Izv. AN SSSR, Ser. biol.* no. 3:383-392 My-Je '66.

Some results and objectives in studying radiation protection mechanisms. E. I. Graevskii. *Izv. AN SSSR, Ser. biol.* no. 3:376-382 My-Je '66.

RADIATION SICKNESS

Changes in the endothelium of the lymphatic vessels of the serous membranes in acute experimental radiation sickness. V. I. Mil'ko, L. V. Chernyshenko. *Klin. khir.* no. 7:67-71 '65.

Changes in the phagocytic activity of blood neutrophils in dogs in the process of a chronic lesion by radioactive strontium. L. N. Seltanova, S. R. Nemirovich-Danchenko, M. F. Aleksandrova. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:149-150 JI '64.

Correlation of local changes in the tissues with general reactions in different phases of acute radiation syndrome in man. N. A. Kurshakov and others. *Med. rad.* 11 no. 4:15-12 Ap '66.

Effect of blood loss on the absorptive function of the reticuloendothelial system in animals irradiated with a lethal X-ray dose. A. G. Magakian. *Zhur. eksp. i klin. med.* 6 no. 1:72-79 '66.

Effect of some hormones on the hemopoiesis and survival of irradiated black mice of the C 57/6 line. E. E. Ogandzhanian, A. A. Paraisvili, I. G. Batkian. *Probl. endok. i gorm.* 10 no. 2:107-110 Mr-Apr '64.

Effectiveness of bone marrow transfusion depending on the date of the introduction. K. N. Mukasina, K. N. Klyzhuk. *Med. rad.* 11 no. 4:42-47 Ap '66.

Results of experimental development of the treatment of radiation sickness. P. D. Gorizontov, V. D. Rogozkin. *Vest. AMN SSSR* 21 no. 5:9-17 '66.

State of peripheral vessels and hemodynamics in acute radiation sickness. V. V. Iakovlev. *Med. rad.* 11 no. 4:73-78 Ap '66.

RADICALS (CHEMISTRY)

- Formation of radicals in the radiolysis of solid rubbers. V. T. Kozlov, Z. N. Tarasova. *Vysokom. soed.* 8 no. 3: 943-948 My '66.
- Free radical addition of substituted α -valerolactones to vinyl butyl ether. F. G. Ponomarev, N. I. Kopteva. *Dokl. AN SSSR* 168 no. 3:592-594 My '66.
- Mechanism involved in the decomposition of hydrocarbons at low temperatures photosensitized by benzene. V. G. Vinogradova and others. *Dokl. AN SSSR* 168 no. 1:134-136 My '66.
- Thermochemical study of some free radicals and respective hydrides. I. U. A. Lebedev and others. *Dokl. AN SSSR* 168 no. 1:104-105 My '66.

RADICALS (CHEMISTRY)—SPECTRA

- Determination of stabilized charge yield in low-temperature radiolysis of organic systems. V. A. Tochlin, V. G. Nikol'skii, N. I. A. Buben. *Dokl. AN SSSR* 168 no. 2:360-363 My '66.
- Formation of radicals in the radiolysis of solid organic substances. Part 3: Electron paramagnetic resonance spectra and radiation-induced yield of radicals in some organosilicon compounds. I. I. Chikhelidze and others. *Khim. kat.* 7 no. 2:230-236 Mr-Apr '66.

RADICALS (CHEMISTRY), EFFECT OF RADIATION ON

- Kinetics of radical decay in frozen aqueous solutions of NaClO_2 and HClO_2 . V. N. Belevskii, L. T. Bugaenko, V. B. Golubev. *Dokl. AN SSSR* 168 no. 1:122-125 My '66.

RADIO

- Akademika nauk SSSR. Institut istorii estestvoznaniia i tekhniki.* [Invention of radio; A. S. Popov; documents and materials] *Izobretenie radio; A. S. Popov; dokumenty i materialy.* Pod red. A. I. Berga. Moskva, Nauka, 1966. 263 p.

- Radio engineering professions. M. S. Neiman. *Izv. vys. ucheb. zav.* no. 2:269-275 Mr-Apr '66.
- Some generalizations on a harmonic synthesis method and its application in radio engineering. *Izv. vys. ucheb. zav.* no. 2:177-187 Mr-Apr '66.

RADIO—ANTENNAS

- High-efficiency antennas for 430 mc. operation. K. Kharchenko. *Radio* no. 4:15-22 Ap '66.

RADIO—AUDIO-VISUAL AIDS

- Aids for the study of radio receivers. A. I. Shanin. *Sred. spets. obr.* 13 no. 4:12-16 Ap '66.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—COMPETITIONS

- (see also subdivision under Carpathian Mountain region)
- "Fox hunting" games. A. Grachikhin. *Radio* no. 4:14-16 Ap '66.
- Golden rewards of victory. *Radio* no. 12:12-13 D '65.
- Youth's energy should be channeled into radio sport. G. Bezymenskii, A. Lavrov. *Radio* no. 12:11 D '65.

RADIO—EQUIPMENT AND SUPPLIES

- The first all-Union interuniversity scientific-technical conference on problems of increasing the reliability of radio equipment. S. I. Zilitinkovich. *Izv. vys. ucheb. zav.* no. 2:140-142 '66.
- In foreign countries. *Radio* no. 12:56-57 D '65.
- Our consultations. *Radio* no. 4:61-64 Ap '66.
- Replies to the inquiries of our readers. *Radio* no. 12:33-34 D '65.
- Substantiation of the design alternatives of components. S. V. Molisev, V. A. Pokrovskii. *Izv. vys. ucheb. zav.* no. 2:207-213 Mr-Apr '66.

RADIO—EXHIBITIONS

- Exhibition of the Achievements of the National Economy of the U.S.S.R. in 1965. *Radio* no. 12:32 D '65.
- In step with progress. A. Dol'nik. *Radio* no. 4:34-35 Ap '66.
- Moscow. *Vsesoluznaya vystavka tvorchestva radiolubitel'-konstruktorov. 21st, 1966.* [Concise catalog of exhibits of the 21st All-Union Exhibition of the Creative Achievements of Radio Amateurs and Designers of the All-Union Volunteer Society for Assistance to the Army, Navy, and Air Force]. Kratki katalog ekspozitsii XXI Vsesoluznoi vystavki tvorchestva radiolubitel'-konstruktorov DOSAAF SSSR. Moskva, TSentr. radio-klub SSSR, 1966. 45 p.
- Our beloved party should be greeted in a proper manner. *Radio* no. 12:1-2 D '65.

RADIO—INSTALLATION ON SHIPS see subdivision under United States

RADIO—INTERFERENCE

- Yonchikovskii, L. B. [Interference in remote control channels] *Pomekhi v kanalakh tolemekhanki.* Moskva, Energiia, 1966. 84 p. (Biblioteka po avtomatike, no. 170)

RADIO—PERIODICALS

- Contents of the periodical "Radio" for 1965. *Radio* no. 12: 58-63 D '65.

RADIO—RECEIVERS AND RECEPTION

- Limit in the improvement of the threshold characteristics of PM and FM receivers. V. L. Bykov. *Elektrosvyaz'* 20 no. 5:57-63 My '66.
- Radio receiver based on the "Turist" circuit. Sh. Itzha. *Radio* no. 12:37-38 D '65.
- Simple radio-phonograph combination. L. Tsyganova. *Radio* no. 4:44-46 Ap '66.
- Three-band receiver for "fox hunting" games. G. Ipat'ev. *Radio* no. 4:17-19 Ap '66.
- What is understood by the "sensitivity of a radio receiver?" V. Vasil'ev. *Radio* no. 4:47-48 Ap '66.

RADIO—TECHNOLOGICAL INNOVATIONS

- Formalities for registering an invention in the field of radio engineering. I. U. I. Shul'melster. *Vop. izobr.* no. 4:15-18 Ap '66.

RADIO, MILITARY

- (see also subdivision under Vietnam, South)
- His name shall live forever. N. Borisov. *Radio* no. 12: 6-7 D '65.

RADIO, MILITARY—REPAIRING

- Apparatus is always in good working order. G. Bodelan. *Tekhn. i vooruzh.* no. 7:58-61 J1 '65.
- Innovators for repairmen. N. Maksimenkov, L. Gudylev. *Tekhn. i vooruzh.* 24 no. 4:73-77 Ap '66.

RADIO, MILITARY—STUDY AND TEACHING

- Trainer and coach. I. U. G. Anichenkov. *Vest. protivovozd. obr.* no. 5:75-78 My '66.

RADIO, SHORTWAVE

- On short waves. V. Iagodin. *Tekhn. i vooruzh.* no. 7:52-57 J1 '65.

RADIO ASTRONOMY

- Discontinuity in the radio emission spectrum of the source Cassiopeia-A. V. G. Malumian. *Astrofizika* 2 no. 1: 128-131 Mr '66.
- Method for determining the spectrum of a nonterrestrial radiation source. A. A. Dist'kors. *Radiotekh. i elektron.* 11 no. 5:778-784 My '66.
- One possible explanation of intensity variations in galactic radio emission sources. V. A. Sanamian. *Astrofizika* 2 no. 1:124-127 Mr '66.
- Panovkin, B. N. [Advances in radio astronomy] *Uspekhi radioastronomii.* Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. XIV seriya: Radioelektronika i svyaz', no. 3)
- [Stars and the universe. Participants in the discussion] V. A. Ambartsumian and others. *Zvezdy i vesennaya. V besede uchastvuiut: V. A. Ambartsumian i dr.* Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no. 10)
- Tsoltin, N. M. [Use of radioastronomy methods in antenna technology] *Primenenie metodov radioastronomii v antennoi tekhnike.* Moskva, Sovetskoe radio, 1966. 212 p.

RADIO CIRCUITS

- Construction of a precision-type transformer bridge. A. L. Grokholskii, E. L. Kashcheev. *Avtometriia* no. 1: 62-68 '66.
- In foreign countries. *Radio* no. 4:59-60 Ap '66.

RADIO CLUBS

- (see also subdivision under Kirghizistan; Ryazan)
- Radio helps us to acquire a profession. O. Zvirgadin'sh. *Radio* no. 4:8 Ap '66.

RADIO DETECTORS

- Interference rejection of phase discrimination method. K. V. Pavlenko. *Izv. vys. ucheb. zav.* no. 2:250-260 Mr-Apr '66.
- Phase restoring method for generalized amplitude detection. V. N. Negin. *Izv. vys. ucheb. zav.* no. 2:248-249 Mr-Apr '66.
- Power-type amplitude detector. S. S. Zel'manov. *Izv. vys. ucheb. zav.* no. 2:250-252 Mr-Apr '66.

RADIO DIRECTION FINDERS

- Coefficient of mutual correlation of interference in a two-antenna phase radio direction finder. B. V. Kagalenko. *Radiotekh. i elektron.* 11 no. 5:825-826 My '66.
- "Fox hunting" games. A. Grachikhin. *Radio* no. 4:14-16 Ap '66.
- Three-band receiver for "fox hunting" games. G. Ipat'ev. *Radio* no. 4:17-19 Ap '66.

RADIO FILTERS

- IF filters using ferrite rings. P. Voronin. *Radio* no. 12: 31 D '65.

- Interference rejection of phase discrimination method. K. V. Pavlenko. *Izv. vys. ucheb. zav.* no. 2:250-260 Mr-Apr '66.

RADIO-FREQUENCY COSMIC RADIATIONS see Cosmic radiations, Radio-frequency

RADIO FREQUENCY MODULATION

- Study of phase and amplitude establishment processes of phase modulated oscillations in selective systems. V. V. Molebnyi. *Izv. vys. ucheb. zav.* no. 2:261-265 Mr-Apr '66.

RADIO IN GEODESY

- Provorov, K. L. [Radiogeodesy] *Radiogeodeziia.* Moskva, Nedra, 1965. 278 p.

RADIO IN HYDROLOGY

- Dimakian, A. M. [Mudflow radio-signal device] *Radio-opovestitel'sela.* Leningrad, Gidrometeoizdat, 1966. 81 p.

RADIO IN NAVIGATION

- Ship receiver-indicator for the "Pira-1" phase radio navigation systems. A. Pavlov. *Mor. flot* 26 no. 4:21-25 Ap '66.

RADIO IN PROPAGANDA see subdivision under Ostrogozhsk (Voronezh Province)

RADIO IN THE CONSTRUCTION INDUSTRY

- Dokuchaev, V. N., and V. V. Sudnikov. [Control of the quality of precast reinforced concrete using radioengineering methods] *Kontrol' kachestva sbornogo zhelezobetona radiotekhnicheskimi metodami.* Leningrad, 1966. 27 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Stroitel'nye materialy i konstruktii)

RADIO MEASUREMENTS

- Raise the culture of radio measurements. I. U. Osipov. *Tekhn. i vooruzh.* 24 no. 2:59-62 Ap '66.

RADIO OPERATORS

- (see also subdivision under Adzharia)
- A man of daring aspirations. M. Kaminskii. *Radio* no. 4:5-7 Ap '66.
- Short and ultrashort radio waves. *Radio* no. 4:12-13 Ap '66.
- Youth's energy should be channeled in to radio sport. G. Bezymenskii, A. Lavrov. *Radio* no. 12: 11 D '65.

RADIO OPERATORS—COMPETITIONS

- All-Union radio competitions. A. Baranov, B. Gavrenko. *Radio* no. 12:10 D '65.
- Contest of shortwave radio operators. I. Rogozhin. *Radio* no. 12:8-9 D '65.

RADIOACTIVATION ANALYSIS

- Quality control of graphite in flotation concentration plants by means of reflected β -radiation, and its automation. R. Jirkovsky. *Zhur. anal. khim.* 21 no. 4:455-458 '66.
- Radioactivation analysis of impurities in antimony. F. I. Artukhin, E. N. Gilbert, V. A. Pronin. *Zhur. anal. khim.* 21 no. 4:594-595 '66.

RADIOACTIVE FALLOUT

- Taking into account the requirements of present-day battles. V. Kolychev. *Komm. Vooruzh. Sil* 47 no. 11: 22-26 Je '66.

RADIOACTIVITY

- Natural radioactivity of the skeleton in leukemia. V. A. Leonov, M. P. Pavlova. *Dokl. AN SSSR* 16 no. 5:338-340 My '66.
- Trifonov, D. N. [Radioactivity yesterday, today, and tomorrow] *Radioaktivnost' vchera, segodnya, zavtra.* Moskva, Atomizdat, 1966. 108 p. (Nauchno-populjarnaya biblioteka Atomizdata)

RADIOBROADCASTING

- Lenin and radiobroadcasting. G. Kazakov. *Sov. pech.* no. 5:24-29 My '66.

RADIOCHEMISTRY

- Method of radiochemical isolation of ^7Be , ^{32}P , ^{33}P , ^{35}S from the same sample in studying atmospheric precipitation and aerosols. O. A. Ilysev and others. *Radiokhimiia* 8 no. 2:251-254 '66.

RADIOECOLOGY

- Uranium content in the external environment and human excreta. A. V. Berdnikova. *Vop. pit.* 23 no. 4:17-20 J1-Ag '64.

RADIOISOTOPE LABORATORIES

- Gorchikov, D. S. [Experience in the operation of a base isotope laboratory] *Opyt raboty bazovoi izotopnoi laboratorii.* Moskva, Atomizdat, 1966. 74 p.

RADIOISOTOPE SCANNING

- Medical radioisotope scanning. V. Smirnov. *Med. rad.* 11 no. 4:80-85 Ap '66.

RADIOISOTOPES

Isotope method for the determination of permeability of the subarachnoid spaces of the spinal cord in the acute period of closed spinal trauma. V.Kh. Frenkel', Z.S. Sasonkin, Vop. neirokhir. 28 no. 3:16-18 My-Je '64.

Method of radiochemical isolation of T_{Pc} , ^{32}P , ^{33}P , ^{35}S from the same sample in studying atmospheric precipitation and aerosols. O.A. Rys'ev and others. Radiokhimiya 8 no. 2:231-254 '66.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Basic systems of automatic control of dimensions by means of radioisotope radiation. E.B. Milevskii. Avtomatiz. protzv. prots. v mashinostri, i prib. no. 2:78-86 '63.

[Radioisotope devices in metallurgy] Radiotopovye pribory v metallurgii. [By] V.N. Afanas'ev i dr. [Moskva] Metallurgizdat, 1966. 224 p.

Survey of radioisotope devices used in automatic control of dimensions. E.B. Milevskii. Avtomatiz. protzv. prots. v mashinostri, i prib. no. 2:113-131 '63.

RADIOLARIA, FOSSIL see subdivision under Turgay Gates; Ural Mountain region

RADIOLOGISTS—DISEASES AND HYGIENE

Experience with using the method of individual photo-control of β -particles for determining individual and dosimetric control. V.I. Golikov, I.P. Korenkov. Med. rad. 9 no. 4:53-56 Ap '64.

RADIOLOGY see subdivision under Lithuania

RADIOLOGY, INDUSTRIAL

Kharadzha, F.N. [General course in X-ray technology] Obshchii kurs rentgenotekhniki. Izd. 3. Moskva, Energiya, 1966. 567 p.

RADIOLOGY, MEDICAL

Annotated index of dissertations on medical radiology defended in the period 1950-1963. I.A. Astakhov. Med. rad. 11 no. 4:98-95 Ap '66.

Medical radioisotope scanning. V. Smirnov. Med. rad. 11 no. 4:80-85 Ap '66.

RADIOLOGY, MEDICAL—EQUIPMENT AND SUPPLIES

Fluorography attachment to the X-ray apparatus. E.B. Sumel'man. Vest. rent. i rad. 41 no. 2:91-92 Mr-Apr '64.

RADIOLOGY, MEDICAL—STUDY AND TEACHING see subdivision under Maritime Territory

RADIOMETRY

Fundamentals of scintillation spectroscopy. Z. Zashchok, D. Vedres. Vest. rent. i rad. no. 2:63-69 '64.

Method of measuring the content of radon in water solutions by gamma irradiation using a stationary radiometric device. S.V. Andreev. Med. rad. 9 no. 4:47-51 Ap '64.

RADIOMETRY—EQUIPMENT AND SUPPLIES

Checking the performance capacity of type RM-1-M equipment. R.S. Mikhalein. Med. rad. 9 no. 4:51-53 Ap '64.

Experience with using the method of individual photo-control of β -particles for determining individual and dosimetric control. V.I. Golikov, I.P. Korenkov. Med. rad. 9 no. 4:53-56 Ap '64.

RADIOLOGIC DIAGNOSIS see Diagnosis, Radioscopic

RADIOTELEPHONE—HISTORY

Written by Il'ich. Radio no. 4:4-5 Ap '65.

RADIOTHERAPY

(see also subdivision under United States)

Dosage field in mobile methods of gamma therapy of tumors of the cervical organs using a large focus skin distance. A.N. Gamalein and others. Med. rad. 9 no. 4:3-8 Ap '64.

Effect of radiotherapy of esophageal cancer on the course of pulmonary tuberculosis. T.A. Trofimenko. Med. rad. 9 no. 4:17-20 Ap '64.

Immediate and late reactions in radiotherapy of malignant neoplasms of the neck. A.V. Kozlova, M.A. Merkova. Med. rad. 11 no. 4:11-15 Ap '66.

Separate determination of daughter products of radon and thoron in alpha therapy. S.V. Andreev, M.M. Tadzhikov. Med. rad. 11 no. 4:50-58 Ap '66.

RADIOTHERAPY—COMPLICATIONS AND SEQUELAE

Disseminated focal pneumonia with eosinophilia as a complication of radiotherapy and hormone therapy of breast cancer. V.K. Polenko, M.D. Donskoi. Med. rad. 9 no. 4:21-24 Ap '64.

Morphological changes originating in the lungs following radiotherapy of lung cancer. E.D. Savchenko, I.A. Fursovich, V.P. Shakhonin. Med. rad. 9 no. 4:25-31 Ap '64.

RADIOTHERAPY—EQUIPMENT AND SUPPLIES

Dosimetric ruler for calculations in internal irradiation. D.A. Ul'kovskii, I.I. Ul'kovskaya. Med. rad. 11 no. 4: 65-67 Ap '66.

Scintillation dosimeter for the rating of β -applicators. L.V. Timofeev, V.V. Bochkarev. Med. rad. 11 no. 4: 67-72 Ap '66.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802

One-hundred and seventy-five years since the "Journey from Petersburg to Moscow" was written. P.L. Vainshenker. Izv. AN SSSR, Ser. III, i laz. 25 no. 2:179 Mr-Apr '66.

RADIUS—FRACTURE

Mechanism of the trauma and the methodology of closed reposition of intraarticular fractures of the cervix radii in children. N.P. Svinuchov. Vest. khir. 96 no. 4:129-135 Ap '66.

Method of measuring the content of radon in water solutions by gamma irradiation using a stationary radiometric device. S.V. Andreev. Med. rad. 9 no. 4:47-51 Ap '64.

RADON—THERAPEUTIC USE

Substantiation of the personal use of radon water in alpha therapy. D.A. Lebedeva. Med. rad. 11 no. 4:58-64 Ap '66.

RADON ISOTOPES

Separate determination of daughter products of radon and thoron in alpha therapy. S.V. Andreev, M.M. Tadzhikov. Med. rad. 11 no. 4:50-58 Ap '66.

RADONEZHSKII, M. M., 1894-

Ulyanovsk. Oblastnoi khudozhestvennyi muzei. [Catalog of the exhibition of M.M. Radonezhskii's work; on the 70th anniversary of his birth] Katalog vystavki proizvedenii M.M. Radonezhskogo; k 70-letii so dnia rozhdeniia. Ulyanovsk, Ulyanovskoe otd-nie Soluza Khudozhnikov RSFSR, 1964. [10] p. (MII)

RAGGED SCHOOLS see subdivision under Leningrad

RAGWEED

Immunological characteristics of Ambrosia artemisiifolia L. pollen. A.I. Ostroumov. Biul. eksp. biol. i med. 58 no. 12:75-79 D '64.

RAILROAD MOTORCARS

Tudorovskii, G.I. [Eliminating defects in railroad motor cars and land cars] Ustraneniye neispravnostei na avtomotrisakh i drezinakh. Moskva, Transport, 1966. 61 p.

RAILROADS

Our country's steel roads with a map. E. Belousov. Agitator 34 no. 10:32-35 My '66.

Program of national action. Avtom., telem. i svyaz' 10 no. 4:1-3 Ap '66.

RAILROADS—CARS—ELECTRIC EQUIPMENT

Some problems in the dynamics of the drive of a truck-mounted generator. N.A. Karagodin. Trudy MII 10, 225:143-152 '66.

RAILROADS—CARS—PAINTING

Vasil'ev, I.P. [Painting of cars and locomotives] Okraska vagonov i locomotivov. Moskva, Transport, 1966. 313 p.

RAILROADS—COMMUNICATION SYSTEMS

Features of using meter-long waves in train radio communication. R.M. Shevchuk, V.I. Nikitin. Avtom., telem. i svyaz' 10 no. 4:11-14 Ap '66.

Twenty-fifth anniversary of the Trust for Construction of Railroad Signaling and Communication Systems. V.I. Sobolev. Avtom., telem. i svyaz' 10 no. 4:22-23 Ap '66.

RAILROADS—ELECTRIC EQUIPMENT

Breido, A.I., and M.S. Brodskii. [Control and test station of a signaling and communication district; work practices of the October Revolution Railroad] Kontrol'-no-ispytatel'nyi punkt dstantsii signalizatsii i svyazi; opyt Oktabr'skoi dorogi. Moskva, Transport, 1966. 122 p.

RAILROADS—ELECTRIFICATION

Bondarenko, N.A. [Special machinery and mechanisms for railroad electrification used in transportation construction] Spetsializirovannye mashiny i mekhanizmy dlia elektrifikatsii zheleznnykh dorog, primeneniye v transportnom stroitel'stve. Moskva, Mosk. zaochnyi stroit. tekhnikum transport. stroitel'stva, 1965. 77 p.

RAILROADS—ELECTRONIC EQUIPMENT

Automatic switching-off of the transmitter of the ZhR-3 transmitter-receiver set. S. Mazmanishvili. Avtom., telem. i svyaz' 10 no. 4:41-42 Ap '66.

Improvement of the network of "Signal-R" and "Signal-S" apparatus. N.R. Zhar, V.S. Kasatkina. Avtom., telem. i svyaz' 10 no. 4:18-19 Ap '66.

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

Conference of the principals of railroad technical schools. Sred. spets. obr. 13 no. 4:14 Ap '66.

RAILROADS—FREIGHT

Claims and actions based on railroad transportation of goods. M. Pal'kovich. Sov. iust. 30 no. 8:12-14 Mr '66.

Develop and improve combined waterway and railroad transportation of goods. S. Ratin, N. Makhotkin. Rech. transp. 25 no. 4:9-10 '66.

RAILROADS—FREIGHT CARS

Dynamics of a lumber transport car on a narrow-gauge railroad. G.K. Leniuk. Izv. vyz. ucheb. zav. i les. zhur. 9 no. 1:78-84 '66.

Freight cars for use in combined waterway and railroad transportation. F. Vinogradov, F. Pladis. Rech. transp. 23 no. 2:11-13 F '64.

RAILROADS—MANAGEMENT

Complete utilization of the economic levers of the new upswing in transportation. I.V. Ivlev. Elek. i tepl. tizga 10 no. 1:1-5 Ja '66.

Some problems of economic reorganization in railroad districts. B.S. Zil'berberg. Avtom., telem. i svyaz' 10 no. 4:42-43 Ap '66.

RAILROADS—RAILS—WELDING

Shepelev, V.N. [Thermit rail welding] Termitnaia svar-ka rel'sov. Moskva, Transport, 1966. 55 p.

RAILROADS—REPAIR SHOPS see subdivision under Novaya Ukraina

RAILROADS—ROLLING STOCK see subdivision under Soviet Central Asia

RAILROADS—SAFETY MEASURES

Forces of public control. V.IA. Polichenko. Elek. i tepl. tizga 10 no. 1:12-13 Ja '66.

RAILROADS—SIGNALING

Breido, A.I., and M.S. Brodskii. [Control and test station of a signaling and communication district; work practices of the October Revolution Railroad] Kontrol'-no-ispytatel'nyi punkt dstantsii signalizatsii i svyazi; opyt Oktabr'skoi dorogi. Moskva, Transport, 1966. 122 p.

Device for controlling the intermediate relaying of dispatcher communications. V.T. Vialukhin. Avtom., telem. i svyaz' 10 no. 4:20-21 Ap '66.

Improvement of the network of "Signal-R" and "Signal-S" apparatus. N.R. Zhar, V.S. Kasatkina. Avtom., telem. i svyaz' 10 no. 4:18-19 Ap '66.

In the sector of S.Z. Pashkevich, an outstanding electro-mechanical technician. I.A. Kazulin. Avtom., telem. i svyaz' 10 no. 4:34-35 Ap '66.

Indication on the control board of the entrance of a locomotive in a noninsulated sector. I.G. Solominsk. Avtom., telem. i svyaz' 10 no. 4:37-38 Ap '66.

Signaling and communication departments should be improved. P.V. Molodov. Avtom., telem. i svyaz' 10 no. 4:38-39 Ap '66.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

Egorovskii, N.G., S.B. Karvatskii, and G.A. Terpugov. [Polar-frequency PCHDTs-TSNII dispatcher interlocking system] Polarno-chastotnaya dispetcherskaya (sen-tralizatsiya) PCHDTs-TSNII. Moskva, Transport, 1966. 157 p., diagrs. (insert). (Biblioteka elektro-mekhanika STS i svyazi)

RAILROADS—STATIONS

Krutenkov, P.S., and A.I. Khokhorin. [Drainage structures in railroad stations] Vodootvodnye sooruzheniya na zheleznodorozhnykh stantsiyakh. Moskva, Transport, 1966. 243 p.

RAILROADS—SWITCHES

Blukhin, K.A. [Mechanized exchange of switches] Mekhanizirovannaya smena strel'nykh perevodov. Moskva, Transport, 1965. 95 p.

Concerning the installation of switches. D.M. Bernshein. Avtom., telem. i svyaz' 10 no. 4:40-41 Ap '66.

RAILROADS—TIES

Novosibirsk. Institut inzhenerov zheleznodorozhnogo transporta. [Calculating crossfiles with varying widths of the underside; methods handbook for calculation with auxiliary tables] Raschet shpat s peremennoi shirinoi podshvy; metodicheskie posobie po raschetu so vspomogatel'nyimi tablitsami. Novosibirsk, 1965. 40 p.

RAILROADS—TRACK—MAINTENANCE AND REPAIR

Rabinov, M.G., and L.M. Ulyb. [Establishing norms for railroad track maintenance and its technology] Normirovaniye putevykh rabot i ikh tekhnologiya. 2. izd., perer. i dop. Moskva, Transport, 1966. 234 p.

RAILROADS—TRAFFIC

[Calculation of the traffic capacity of railroads] Raschet propusnoi sposobnosti zheleznich dorog. [By] E. V. Arkhangelskii in dr. Moskva, Transport, 1966. 367 p.

RAILROADS, NARROW-GAUGE—TRACK

Resistance of the narrow-gauge rail and tie framework to lateral flexure. V. A. Laptev. Izv. vys. ucheb. zav. i ies. zhur. 8 no. 1:64-70 '66.

RAIN AND RAINFALL see subdivision under Turkmenistan

RAKVERE (ESTONIA)—RETAIL TRADE—EQUIPMENT AND SUPPLIES

We shall supply high quality products. V. Mandel. Sov. potreb. koop. 10 no. 3:10-11 My '66.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RALL', IURII MIKHAILOVICH, 1907-1965

In memory of Iurii Mikhailovich Rall' (1907-1965). Zhur. mikrobiol., epid. i immun. 43 no. 4:157 Ap '66.

RAMAN EFFECT

Raman effect and luminescence in secondary emission from an impurity center. I. Telver, V. Hizhniakov. Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 15 no. 1:9-16 '66.

Raman scattering in crystals of rubidium chloride and cesium halides. A. I. Stekhanov, A. P. Korol'kov. Fiz. tver. tela 8 no. 3:920-923 Mr '66.

Raman scattering of light by quasi-localized oscillations near Na, Cs, and Rb impurities in KCl crystals. A. I. Stekhanov, T. I. Maksimova. Fiz. tver. tela 8 no. 3:924-926 Mr '66.

RAMS—FEEDING AND FEEDS

Effect of the castration of young rams on the metabolic indices and the economic return rate of feed. A. A. Akopov. Veterinaria 43 no. 5:63-68 My '66.

RANDOM PROCESSES see Stochastic processes

RANGE FINDERS

Using the AD-1 range finder for measuring lines in traversing. E. I. Rykhlikov and others. Geod. i kart. no. 3:35-38 Mr '66.

RAVNIER'S NODES see Nodes of Ravnier

RARE-EARTH COMPOUNDS

Complex chromates of yttrium group elements. D. I. Rishchikov, N. S. Vagina. Zhur. neorg. khim. 11 no. 5:1038-1044 My '66.

Effect of a solvent on the dissociation constants of gluconic acid and stability constants of gluconate complexes of rare-earth elements. N. A. Kostromina, E. D. Romanenko. Zhur. neorg. khim. 11 no. 5:1116-1123 My '66.

Erbium and holmium perchlorates. V. E. Plushchev, M. B. Varfolomeev. Zhur. neorg. khim. 11 no. 5:1045-1050 My '66.

Rare earth chlorates in aqueous solutions. N. A. Skorik, V. V. Serebrennikov. Zhur. neorg. khim. 11 no. 4:764-765 Ap '66.

Solubility products of rare-earth dibutyl phosphates. E. I. Sinitskaya, Z. A. Sheka. Zhur. neorg. khim. 11 no. 5:1210-1213 My '66.

Structure of crystalline rare earth nitrates. R. A. Chupakhina, E. N. Korableva, V. V. Serebrennikov. Zhur. neorg. khim. 11 no. 4:788-789 Ap '66.

RARE-EARTH METALS

(see also subdivision under Sayan Mountains; Ural Mountains)

Geological survey of prospects for exploring deposits of rare and trace elements. D. A. Mineev. Geokhimiia no. 5:600-610 My '66.

Precipitation of praseodymium and yttrium from alkaline solutions of glycine by sodium oxalate. R. K. Drachevskaya, T. V. Danilova, R. A. Veresova. Zhur. neorg. khim. 11 no. 5:1069-1071 My '66.

RARE-EARTH NITRATES—SPECTRA

Infrared absorption spectra of lanthanum, gadolinium, and yttrium nitrates. I. I. A. Kharitonov, I. Z. Bablievskaya. Dokl. AN SSSR 168 no. 3:615-617 My '66.

RARE-EARTH PYROPHOSPHATES

Equilibrium in solutions of lanthanum and yttrium pyrophosphates. Z. A. Sheka, E. I. Sinitskaya. Zhur. neorg. khim. 11 no. 5:1029-1037 My '66.

RARE-EARTH TANTALATES—MAGNETIC PROPERTIES Synthesis and properties of yttrium and lutetium orthotantalates. M. M. Pinaeva, E. I. Krylov. Zhur. neorg. khim. 11 no. 4:726-731 Ap '66.

RARE-EARTH TITANIUM OXIDES

Effect of gas medium and temperature on reactions in the system Co - Ti - O and the comparison of the properties of rare earth titanates. A. I. Leonov, M. M. Pirutko, E. K. Koler. Izv. AN SSSR. Ser. khim. no. 5:787-792 '66.

RARE EARTHS

Polarographic study of the cerium group of rare-earth elements with LiCl - KCl molten eutectic as the support. I. D. Panchenko, I. I. Penkalo, I. K. Dolimarshii. Elektrokhimiia 2 no. 5:529-535 My '66.

Properties of catalysts prepared on the basis of rare earth oxides in the conversion of n-butane. Kh. M. Minachev, I. U. S. Khodakov. Izv. AN SSSR. Ser. khim. no. 5:815-822 '66.

"Rare earth elements" by A. M. Holub, G. V. Samsonov. Ukr. khim. zhur. 32 no. 5:543 '66.

Reaction of rare-earth oxides with barium oxide. L. M. Lopato, Z. A. Iarenko, S. G. Tresvatskii. Ukr. khim. zhur. 32 no. 5:437-439 '66.

Solubility of rare-earth oxides in molten ammonium nitrate. V. K. Val'tsev, I. U. G. Breusova. Zhur. neorg. khim. 11 no. 5:1025-1028 My '66.

Thermodynamic characteristics of ionization of gaseous rare-earth and actinide elements. G. A. Krestov. Radio-khimiia 8 no. 2:218-223 '66.

Trifonov, D. N. [Rare-earth elements and their position in the periodic system] Radkozemel'nye elementy i ikh mesto v periodicheskoj sisteme. Moskva, Nauka, 1965., 191 p.

RARE GASES see Gases, Rare

RAREFIED GAS DYNAMICS

Derivation of corrections to the basic moments of the distribution function for a viscous gas with the aid of an integral kinetic equation. V. A. Tisharov. Vest. LGU 21 no. 7:115-131 '66.

RASPBERRIES—DISEASES AND PESTS

Harmfulness of the anthracnose of raspberries and its chemical control in Leningrad Province. N. A. Riabkova. Zap. LSKH 95:32-37 '65.

RATE OF CHEMICAL REACTION see Chemical reaction, Rate of

RATS AS CARRIERS OF DISEASES

Pathological anatomy of experimental amebiasis in rats. S. E. Gleiberman, M. F. Mizdrieva. Izv. AN Turk. SSR. Ser. biol. nauk no. 2:63-74 '66.

RAUWOLFIA

Quantitative determination of rauwolfia alkaloids in the preparation rauwolfia. M. I. A. Tsarenko, M. S. Shraiber. Farmatsevt. zhur. 19 no. 2:34-37 '64.

RAYON

Effect of low molecular fractions and polydispersion of cellulose on the properties of high-strength cord. A. G. Iashunskaya, E. M. Kononova, N. V. Shuliatikova. Khim. volok. no. 3:35-38 '66.

Improving the quality of rayon cord. A. T. Serkov and others. Khim. volok. no. 3:42-43 '66.

Manufacture of fire-resistant viscose and polyacrylonitrile fibers. Z. A. Rogovin and others. Khim. volok. no. 3:27-30 '66.

RAYON—DRYING

High-temperature drying of synthetic fibers in cakes by a moist heat carrier. V. R. Borovskii and others. Khim. volok. no. 3:48-51 '66.

RAYON—TESTING

Effect of draft in sizing on the properties of acetate yarn. B. I. A. Khalmov, Tekst. prom. 26 no. 5:56-57 My '66.

RAYON INDUSTRY

From the experience in material stimulation of factory workers for the manufacture of top-grade products. V. M. Akinov. Khim. volok. no. 3:70-71 '66.

RAYON INDUSTRY—EQUIPMENT AND SUPPLIES

Use of the VA-2 apparatus as high-capacity xanthogenator. P. P. Levaniuk and others. Khim. volok. no. 3:63-65 '66.

RAYON SPINNING

Formation of elementary jets in synthetic fiber production. A. T. Serkov, E. V. Cherkasova. Khim. volok. no. 3:46-48 '66.

READING (ELEMENTARY)

More about reading. E. A. Adzhovich, Nach. shkola 34 no. 5:44-49 My '66.

REARRANGEMENTS (CHEMISTRY)

Amines and ammonium compounds. Part 34: Using rearrangement-cleavage reaction in the synthesis of esters of unsaturated carboxylic acids. M. G. Idzhikhan, R. B. Minasian, A. T. Bahlan. Izv. AN Arm. SSR. Khim. nauki. 18 no. 6:572-577 '65.

Conversions of hydroxysulfonic acids (Nogdanov's rearrangement). M. V. Gorelik. Org. poluprod. 1 kras. no. 3:80-119 '65.

Synthesis and study of conversions of acetylenic α -glycols. Part 10: Pinacol-pinacolone rearrangement of secondary-tertiary and ditertiary acetylenic α -glycols under the effect of concentrated sulfuric acid. T. A. Favor'skaya, G. M. Tolstopyatov. Zhur. ob. khim. 36 no. 5:801-805 My '66.

RECEPTORS (NEUROLOGY)

Change in gastric secretion following the action of various stimuli on receptors of the oral cavity and small intestine. L. G. Mel'nikova. Dokl. AN BSSR 10 no. 5:310-351 My '66.

Chemoreception and nociceptive effects of bradykinin. R. S. Sonina, V. M. Khaitin. Fiziol. zhur. 52 no. 5:547-555 My '66.

Effect of polarization of the spinal cord on visceromotor reflexes. A. A. Tradaduk. Biul. eksp. biol. i med. 50 no. 9:7-12 S '64.

Excitability of the food center and external pancreatic secretion. V. V. Zolotov. Fiziol. zhur. 50 no. 10:1282-1288 O '64.

Reflex changes in blood circulation following stimulation of the pulmonary stretch receptors. R. I. Looza, Fiziol. zhur. 50 no. 10:1227-1238 O '64.

Reflex effects on the coronary vessels from the chemoreceptors of some vascular zones. V. I. Ovsianikov. Fiziol. zhur. 52 no. 5:534-540 My '66.

Stretch receptors of the intercostal muscles. V. D. Gilevskii. Fiziol. zhur. 50 no. 9:1158-1168 S '63.

Trophic function of the animal brain. A. A. Gubin. Uch. zap. TGPI 21:130-148 '64.

RECIPROCATING PUMPS

Pulsating flow as a basic source of vibrations of pump manifolds of piston injection installations. P. A. Gladkikh, V. V. Gridnev. Mash. i nef. obr. no. 4:27-31 '66.

RECIPROCATING PUMPS—MAINTENANCE AND REPAIR

Results of the inspection and adjustment of mine piston compressors. A. I. Borokhov and others. Gor. zhur. no. 5:86-87 My '66.

RECKLINGHAUSEN'S DISEASE OF NERVE see Neurofibromatosis

RECLAMATION OF LAND

(see also subdivision under Buryat A. S. S. R.; Pskov Province; Tajikistan)

Discussing the most important problems; a review of newspapers. Part. zhizn' no. 12:75-77 Je '66.

Let us carry out the decisions of the plenary session of the Central Committee of the CPSU in May 1966. Kommunist 43 no. 8:3-8 My '66.

The path toward high and stable yields. Part. zhizn' no. 11:3-7 Je '66.

RECORDING INSTRUMENTS

Developing and studying an electromagnetic microscope with recording of a two-dimensional picture of the magnetic pipe relief on electrochemical paper. K. M. Klimov, P. K. Oshchepkov, L. S. Voronova. Defektoskopiia 2 no. 2:22-29 '66.

RECTUM—CANCER

Anatomical type of tumor growth as a manifestation of the degree of malignancy and its effect on the prognosis in cancer of the rectum and distal portion of the sigmoid. D. P. Berezkin. Sov. med. 20 no. 9:73-77 S '63.

Importance of direct lymphography in the diagnosis of metastases of cancer of the rectum. S. N. Fain, Vop. onk. 12 no. 5:18-24 '66.

RECTUM—SURGERY

Surgical treatment of some diseases of the sacrum and retroperitoneal space. M. I. Brusilovskii. Khirurgiia 13 no. 2:145-147 P '66.

RED SEA—COBALT

Some data on cobalt content in the Red Sea and the Gulf of Aden. L. I. Rozhanskaya. Gidrobiol. zhur. 2 no. 2:40-42 '66.

RED SPIDER

Changes in the infestation of apple trees by the red spider Panonychus ulmi depending on the system of soil cultivation in the orchard. M. K. Asatur, I. S. Studenskaya. Zap. LSKH 95:100-105 '65.

Geographical distribution of the red spider Panonychus ulmi. N. V. Bondarenko. Zap. LSKH 95:84-89 '65.

Infestation of different apple varieties by the red spider Panonychus ulmi. M. K. Asatur. Zap. LSKH 93:90-99 '65.

RED'KIN, ANDREI PETROVICH, 1875-

Andrei Petrovich Red'kin. I. Savich. Vest. sel'khoz. nauki 10 no. 12:134-135 D '65.

REDUCTION, CHEMICAL

Studying the rate of silica reduction with carbon dissolved in iron. V. I. Dikakov, S. I. Popel'. Zhur. prikl. khim. 38 no. 8:1866-1871 Ag '65.

REDUCTION, ELECTROLYTIC

Electrode processes in the reduction of uranium compounds in nitric acid solutions. A. I. Stabrovskii. Zhur. neorg. khim. 11 no. 4:845-853 Ap '66.

Electroreduction of nitrocyclohexane on a platinum cathode. V. G. Khomilov, M. I. Fioshin, I. A. Avrutskaya. Zhur. prikl. khim. 38 no. 8:1880-1892 Ag '65.

Some kinetic regularities of the process of hydroxylamine sulfate electroreduction. R. K. Kvaratskheliia, R. I. Agladze. Elektrokhimiia 2 no. 5:536-541 My '66.

REED (BOTANY) see subdivision under Ak-Gel', Lake

REED (BOTANY)—DISEASE AND PEST RESISTANCE

Effect of the growing conditions of the reed on its susceptibility to insect pests. V.O. Lozinsky, F.V. Drevak, H.P. Oksintchik, *Lit.*, pap. 1 der. prom. no. 2:12-14 Mr-Apr '64.

REFLECTION (DIALECTICAL MATERIALISM)

Expressing the ideas of reflection and development in a mathematical form. O.V. Shubal'tin, *Filos. probl. such. pyrod.* no. 2:3-19 '64.

Methodological importance of the Marxist interpretation of the categories of subject and object to the study of the special theory of relativity. M.I. Andrievskiy, *Filos. probl. such. pyrod.* no. 2:61-69 '64.

REFLECTION (DIALECTICAL MATERIALISM)—CONGRUENCES

Soveshchaniye po sovremennym problemam materialisti-cheskoi dialektiki, Moscow, 1965. [Leninist theory of reflection and contemporary science; materials] Lenin-skaya teoriya otrazheniya i sovremennaya nauka; materializm. Moskva, Nauka, 1966. 300 p.

REFLEXES

Analysis of some effects of intravenous and intracardiac introduction of a chemical stimulant. L.I. Onadehili, *Fiziol. zhur.* 50 no. 9:1136-1143 S '64.

Constant potential and sorptive properties of the muscle during a myotatic reflex and following denervation. A.D. Pshedetskaya, *Biul. eksp. biol. i med.* 58 no. 9: 23-26 S '64.

Effect of polarization of the spinal cord on visceromotor reflexes. A.A. Tradaduk, *Biul. eksp. biol. i med.* 58 no. 9:7-12 S '64.

Effect of tetracyclines on Sechenov's inhibition. N.N. Aleutskii, *Farm. i toks.* 29 no. 2:131-133 Mr-Apr '66.

Effect of the cerebral cortex on the subcortical inhibition of the knee reflex. V.G. Zilov, *Fiziol. zhur.* 51 no. 2:190-196 F '65.

Electrophysiological analysis of the impulse activity of the vagal cardiac branches in viscerocardiac reflexes. G.E. Samonina, M.G. Udel'nov, *Fiziol. zhur.* 50 no. 9: 1000-1005 S '64.

Impulse activity of pressor structures of the hypothalamus in reflex reactions of the vascular system. O.V. Verzhilova, L.N. Kondrat'eva, *Biul. eksp. biol. i med.* 58 no. 9:17-20 S '64.

Mechanisms of fundus and antofundal reflexes of the stomach. P.G. Bogach, S.D. Groisman, *Fiziol. zhur.* 52 no. 5:512-520 My '66.

Pathophysiology of Babinski's reflex. D.A. Markov and others, *Dokl. AN BSSR* 10 no. 4:282-284 Ap '66.

Reflex effects on the coronary vessels from the chemoreceptors of some vascular zones. V.I. Ovsianukov, *Fiziol. zhur.* 52 no. 5:534-540 My '66.

REFORESTATION

(see also subdivision under Ural Mountain region)

Computation of the effect of the remoteness of cutting on the sturdiness of stumps and tillage. D.A. Maslov, *Izv. vys. ucheb. zav. i inzh. zhur.* 9 no. 1:27-29 '66.

REFRACTION, DOUBLE

Birefringence and viscosity of solutions of poly-2-methyl-5-vinylpyridine derivatives. V.N. Tsvetkov and others, *Vysokom. soed.* 8 no. 5:646-654 My '66.

Theory of flow birefringence in solutions of semirigid (short) macromolecules. I.U. IA. Gotlib, I.I. Svetlov, *Dokl. AN SSSR* 168 no. 3:621-624 My '66.

REFRACTORIES INDUSTRY

Objectives of the refractories industry in the light of resolutions of the 23d Congress of the CPSU, *Ogneupory* 31 no. 5:1-3 '66.

REFRACTORIES INDUSTRY—ECONOMIC ASPECTS

Economic efficiency of modernizing the Zaporozh'ye refractories plant. V.A. Sazhin, I.A. M. Katsenelson, *Ogneupory* 31 no. 4:56-58 '66.

REFRACTORIES INDUSTRY—EQUIPMENT AND SUPPLIES

Experience in the operation of waste-heat boilers. G.L. Gotlib, D.D. Chernyshev, *Ogneupory* 31 no. 4:30-33 '66.

Installing speed pickup units on the equipment. A.P. Larenkov, *Ogneupory* 31 no. 5:59-61 '66.

REFRACTORIES INDUSTRY—WATER SUPPLY

Circulation systems for the water supply of refractory plants. F.S. Goncharov and others, *Ogneupory* 31 no. 4:26-30 '66.

REFRACTORY MATERIALS

Effect of furnace linings on the silicon content of malleable aluminum alloys. M.M. Rutman, G.V. Cheremok, V.S. Rudenko, *Alum. splavy* no. 4:296-302 '66.

Effect of some impurities on the properties of a sintered calcium oxide-stabilized zirconium refractory. L.A. Lautsareva, G.P. Kalliga, *Trudy MKHTI* no. 45:106-111 '64.

Examining burnt clay dust from rotary kilns. A.Kh. Kharbush, *Ogneupory* 31 no. 5:22-27 '66.

Expand the re-use of refractories. N.G. Veselov and others, *Ogneupory* 31 no. 4:55-61 '66.

Making use of burnt clay dust from rotary kilns. P.G. Belusha, *Ogneupory* 31 no. 5:18-22 '66.

Mineralogical processes during scale formation in air uptakes of open-hearth furnaces. M.M. Belozero, T.N. Kuchavtseva, L.P. Sudakova, *Ogneupory* 31 no. 4:36-41 '66.

New method of preparing the charge mixture for grog refractories. I.M. Aleksikh, I.S. Zozulia, V.F. Sukhorukov, *Ogneupory* 31 no. 4:2-5 '66.

Periclase grain disintegration processes in the fritting of the rear wall of an open-hearth furnace. A.M. Dvorkind, E.F. Kosolapov, A.S. Fridenberg, *Ogneupory* 31 no. 5:34-38 '66.

Production and use of powder refractories. L.A. Tselin, *Ogneupory* 31 no. 5:8-11 '66.

Service life of refractories in reactors used for the production of carbon black. N.V. Pitak, Z.D. Zhukova, V.K. Bocharov, *Ogneupory* 31 no. 5:39-46 '66.

Some aspects of the hot pressing of pure oxides. D.N. Polubotarnov, E.I. Shal'nov, *Trudy MKHTI* no. 45: 96-98 '64.

Some thermomechanical properties of refractories made of molten magnesium oxide. E.S. Lukin, G.A. Serova, *Trudy MKHTI* no. 45:91-95 '64.

Technology of refractories with a high-alumina bond. S.A. Zhidharevich and others, *Ogneupory* 31 no. 4: 8-18 '66.

REFRACTORY MATERIALS—ANALYSIS

Phase analysis of high-alumina refractories. L.L. Vanchicheva, S.P. Shmitt-Fogelovich, *Ogneupory* 31 no. 4: 47-50 '66.

REFRACTORY MATERIALS—DENSITY

The disintegration of refractories by carbon monoxide at high temperatures. N.F. Kozinskii, *Ogneupory* 31 no. 4:41-47 '66.

REFRACTORY MATERIALS—QUALITY CONTROL

Improve the quality of grog fragments. I.U. A. Belkin, *Ogneupory* 31 no. 4:50-55 '65.

Introducing the sound-statistical method for the production quality control. Z.K. Zhuravieva and others, *Ogneupory* 31 no. 4:5-7 '66.

REFRACTORY MATERIALS—TRANSPORTATION

Mechanized containerless method of transporting refractory materials. A.A. Oleinik, *Ogneupory* 31 no. 4:22-26 '66.

REFRIGERATION AND REFRIGERATING MACHINERY

Improve the cooling system in natural gasolite plants. A. Churnakov, *Neftnik* 10 no. 5:130 My '65.

Method for commutating semiconductor thermoelements made of ternary alloys for refrigerating machinery. A.N. Andreeva, I.L. Gerlovina, *Sbor. trud. po agron. fiz.* no. 12:163-167 '65.

Method of designing a Freon centrifugal compressor. A.B. Barenboim, V.B. Lemberskii, *Khim. mashinost.* no. 2:26-32 '65.

Pokrovskii, N.K. [Handbook for operators of refrigerating units] *Rukovodstvo dlia mashinistov khotodil'nykh ustanovok*, 3. izd. Moskva, Flachevaia promyshlennost', 1965. 345 p.

Transformation of the NKR-1 commercial freezing chamber into an artificial freezing chamber for experiments with plants. V.K. Kurets and others, *Agrokhimia* no. 5:131-134 My '66.

REFRIGERATION AND REFRIGERATING MACHINERY—LUBRICATION

Determination of microconcentrations of water in refrigerating oils. S.L. Zhukhorskii, L.Sh. Malkin, V.I. Kazinets, *Zav. lab.* 32 no. 1:25-26 '66.

REFRIGERATION AND REFRIGERATING MACHINERY—MAINTENANCE AND REPAIR see subdivision under Krasnodar

REFRIGERATOR SHIPS

Use of a piece-rate bonus system of payment for work on refrigerator floating bases. V. Burmeister, *Ryb. khoz.* 42 no. 3:74-76 '66.

REFUGEES, POLISH

Pal'kovich, S.M. [Ideological and political struggle in the Polish liberation movement of the 1850's and 1860's] *Ideino-politicheskaia bor'ba v pol'skom osvoboditel'-nom dvizhenii 50-60-kh godov XIX veka*. Moskva, Nauka, 1966. 331 p.

REGENERATION (BIOLOGY)

Activation of the cells in reparative regeneration of the liver in white mice in functional overloading of the organ. N.F. Semenova, *Biul. eksp. biol. i med.* 58 no. 12:80-83 D '64.

Akademiia nauk SSSR. Institut morfologii zhivotnykh. [Lymphoid tissue in regenerative and protective processes] *Linfoidnaya tkan' v vosstanovitel'nykh i zashchit'-nykh protsessakh*. Moskva, Nauka, 1966. 145 p.

Changes in the inhibitory effect of cortisone on the reparative process depending on the dose. A.I. Bukhonova, *Probl. endok. i gorm.* 12 no. 3:88-93 My-Je '66.

Dynamics of vascular and tissue changes in the ovary fragment remaining following excision of one entire organ and a part of the other. L.E. Ettingen, *Biul. eksp. biol. i med.* 58 no. 9:112-115 S '64.

Effect of lipopolysaccharides from higher plants (phytolipopolysaccharides) on the process of liver regeneration in mice. I.N. Iashina, Z.A. Riabinina, B.N. Gladyshev, *Biul. eksp. biol. i med.* 58 no. 9:116-119 S '64.

Effect of parathyroidectomy on the posttraumatic regeneration of bone tissue. A.I. Volozhin, *Pat. fiziol. i eksp. terap.* 10 no. 2:73-76 Mr-Apr '66.

Importance of the nervous factor in the pathogenesis of open traumas. A.N. Golikov, *Trudy Mosk. vet. akad.* 10:3-12 '56.

Kidney function during the process of regeneration hypertrophy. V.A. Vasilenko, *Biul. eksp. biol. i med.* 58 no. 9:49-53 S '64.

Regeneration and hypertrophy: principles and some conditions of regenerative processes. A.A. Volkovich, *Arkh. pat.* 28 no. 3:3-11 '66.

Regeneration of a peripheral nerve at various times following its primary suturing in an infected gunshot wound. V.F. Shefer, *Vop. neirokhir.* 28 no. 3:23-27 My-Je '64.

Role of trauma in the regenerative restoration capacity in the axolotl extremities inhibited by X-ray irradiation. S.I. Tsuchova, *Dokl. AN SSSR* 168 no. 2:473-478 My '66.

REICHENBACH, HANS, 1891-1953

Critical evaluation of the idealist interpretation of the category of time by Hans Reichenbach as a way to prove the lack of substance in physical phenomena. V.T. Pavlov, *Filos. probl. such. pyrod.* no. 2:46-52 '64.

REINDEER see subdivision under Pyasma Valley

REINDEER—PARASITES see Parasites—Reindeer

REINFORCED CONCRETE—STANDARDS

Procedure in preparing documents relating to standards in the field of reinforced concrete. M.IU. Leshchinskii, *Bet. i zhel.-bet.* 12 no. 3:42 Mr '66.

REINFORCED CONCRETE—WELDING

Welding of the joints of reinforced concrete structures of the spillways of the dams of the Zaisk State Regional Electric Power Plant. I.I. Gorelik, *Energ. stroi.* no. 40:11-15 '64.

REINFORCED CONCRETE CONSTRUCTION

Concrete work in building a navigable lock. V.I. Bochkarev, F.M. Humanyan, I.P. Saifonov, *Energ. stroi.* no. 2:47-55 '65.

Discussion on the curriculum for the course on "Reinforced concrete, concrete, and masonry elements" for students majoring in "Industrial construction and civil engineering." V.N. Iarin and others, *Bet. i zhel.-bet.* 12 no. 3:43 Mr '66.

Greeting the 23d Congress of the Communist Party of the Soviet Union. *Bet. i zhel.-bet.* 12 no. 3:1-2 Mr '66.

Improving the curriculum for the course on "Reinforced concrete, concrete, and masonry elements" for students majoring in "Industrial construction and civil engineering." V.N. Baikov, *Bet. i zhel.-bet.* 12 no. 3:43-44 Mr '66.

Mechanization of the sealing of the joints of reinforced concrete structures. B.G. Iivanskii, V.B. Belevich, *Energ. stroi.* no. 40:21-24 '64.

New designs of reinforced-concrete dams. A.U. Dzhallov, *Za tekhn. prog.* 4 no. 3:40-42 Mr '64.

Performance of tensioned fine-grained concrete elements dispersedly reinforced by glass reinforced plastic. V.P. Vasil'ev, *Izv. vys. ucheb. zav. i stroi. i arkh.* 9 no. 3:17-22 '66.

Practical method of calculating the damping of the vibrations of reinforced-concrete elements. N.A. Panarin, V.P. Riabinina, *Sbor. trud. LSI* no. 48:68-73 '65.

Production and assembly of reinforced concrete arched frames. B. Parfenovskii, *Prom. stroi. i inzh. soor.* 6 no. 4:63-64 Ji-Ag '64.

Sealing of the joints of precast reinforced concrete structures using an individualized concrete laying method. V.B. Belevich, *Energ. stroi.* no. 40:15-21 '64.

Suchkov, A.E. [Substitutes for metals in the machinery industry] *Zameniteli metalia v mashinostroenii*. Minsk, Belarus', 1965. 45 p.

Technology of the manufacture of reinforced concrete flumes and its improvement. P.D. Panasenka, *Gidr. i mel* 18 no. 5:5-12 My '66.

Tula. Gosudarstvennyi politehnicheskii institut. [Reinforced concrete elements] *Zhelezobetonnye konstruktsii*. Tula, 1965. 330 p.

REINFORCED CONCRETE CONSTRUCTION—FORMWORK see subdivision under Fergana

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RESPIRATION (Continued)

- Effect of trypsin and chymotrypsin on the respiration and contraction of the vascular wall. N.S. Mishchenko, K.N. Veremenko, A.I. Kizim. *Pat.fiziol. i eksp. terap.* 10 no. 2:61-64 Mr-Apr '66.
- Electrophysiological study of the state of the respiratory apparatus 10 years after pneumonectomy for tuberculosis. V.P. Gorev. *Probl. tub.* no. 7:71-75 '65.
- External respiratory function in patients with pulmonary tuberculosis treated at the "Teherda" mountain health resort. A.M. Kovalenko. *Probl. tub.* no. 9:43-49 '64.
- Glycolysis in thermoregulatory separation of respiration and phosphorylation. E.A. Mishukova. *Vop. med. khim.* 12 no. 3:302-309 My-Je '66.
- Mechanism of changes in the natural cardiac and respiratory rhythms in cattle and swine during postnatal ontogeny. V.V. Arslanovskii. *Fiziol. zhur.* 50 no. 10:1256-1263 O '64.
- Respiratory gymnastics in the compound treatment of pulmonary tuberculosis. I.U. Filimonov. *Probl. tub.* 42 no. 6:24-31 '64.
- State of external respiration in patients with lung cancer. S.V. Likhvitskii. *Vop. onk.* 12 no. 5:3-8 '66.

RESPIRATORY ORGANS

- Age-related changes in the upper respiratory tract in persons of 100 years of age and older. G.M. Magomedov. *Trudy MOI, Old. biol.* 17:111-116 '66.

RESPIRATORY ORGANS—WOUNDS AND INJURIES

- Comparative characteristics of respiratory tract lesions caused by various thermal agents and smoke. V.N. Kurelovich. *Blul. eksp. biol. i med.* 58 no. 9:57-61 S '64.

RESTAURANTS, LUNCHROOMS, ETC.—COSTS

- Index of the level of production and overhead costs in the public dining system. I. Belitskii. *Vest. stat.* no. 5: 26-34 '66.

RESTAURANTS, LUNCHROOMS, ETC.—ELECTRIC EQUIPMENT

- Neugodov, E.V. [Practical work on the electrical equipment of restaurant enterprises] *Praktikum po elektricheskoi oborudovaniiu predpriatii obshchestvennogo pitania*. Moskva, Mosk. in-t narodnogo khoz., 1966. 177 p.

RESUSCITATION

- Effect of the adrenal glands on changes in potassium metabolism during the period of restoration of vital functions following clinical death. E.M. Kazin. *Blul. eksp. biol. i med.* 58 no. 9:66-69 S '64.
- Effect of the adrenal glands on enzyme activity of the blood and tissues during resuscitation. M.G. Kalpakov, K.T. Titova. *Blul. eksp. biol. i med.* 58 no. 9:62-68 S '64.
- Oxygen tension and hemodynamics in the brain in fatal hemorrhage and subsequent resuscitation (experimental studies). I.I. Levin, B.I. Slovikov. *Blul. eksp. biol. i med.* 50 no. 12:27-31 D '64.

RETAIL TRADE

- (see also subdivision under Daghestan; Kalinin Province; Ternopol' Province; Uzbekistan)
- [Trade abroad] *Torg. za rub.* nos. 4-5 '66.
- Turnover of store merchandise and the level of the stock of goods. L. Gendina. *Sov. torg.* 39 no. 5:34-35 My '66.

RETAIL TRADE—EQUIPMENT AND SUPPLIES see subdivision under Rakvere (Estonia)

RETAIL TRADE—FINANCE

- Gofman, G.A., and P.I. Novoselov. [Financing, issuing credit to and analyzing the activity of trade organizations] *Finansirovanie, kreditovanie i analiz khoz. i stvennoi deiatel'nosti torgovykh organizatsii*. Moskva, Finansy, 1966. 247 p.

RETAIL TRADE—MANAGEMENT

- (see also subdivision under Estonia)
- TSelykovskaya, E.A. [Turnover time in trade and ways of reducing it] *Vremia obrashcheniia v torgovlo i put ego sokrashcheniia*. [Leningrad] Izd-vo Leningr. univ., 1966. 126 p.

RETAIL TRADE—MATHEMATICAL MODELS

- Using mathematical methods for solving planning problems. S. Kurak. *Sov. torg.* 39 no. 5:36-38 My '66.

RETAINING WALLS

- Parameters of living areas with transverse bearing walls. I.A. A. Shitberg. *Stroitel'stvo*, [Sbornik] no. 4:20-30 '66.
- TSagaroli, Z.V. [Developing new lightened structural forms for retaining walls and their adoption] *Razrabotka novykh ob'ektoy konstruktsionnykh form podpornykh sten i ikh vnedreniie*. Tbilisi, Gruzinskii politekhn. in-t im. V.I. Lenina, 1964. 133 p.

RETICULOENDOTHELIAL SYSTEM

- Effect of blood loss on the absorptive function of the reticuloendothelial system in animals irradiated with a lethal X-ray dose. A.G. Magakian. *Zhur. eksp. i klin. med.* 6 no. 1:72-79 '66.

RETICULOENDOTHELIAL SYSTEM—CANCER

- Clinical aspects and diagnosis of reticulosarcomatosis and lympho-sarcomatosis. G.I. Aikhtova. *Sov. med.* 28 no. 9:118-123 S '64.

RETICULOENDOTHELIAL SYSTEM—DISEASES

- Effect of local destruction of the reticular formation on the development of goiter in rabbits in response to introduction of methylthiouracil. A.S. Efimov, I.U. Bushuev. *Probl. endok. i gorm.* 12 no. 3:97-101 My-Je '66.

RETICULUM (RUMINANTIA)—SURGERY

- Operative treatment of traumatic reticulitis in cattle. S.G. El'tsov. *Trudy Mosk. vet. akad.* 10:65-69 '56.

RETROPERITONEAL SPACE

- Use of retroperitoneum in the X-ray examination of the esophagus. V.V. Nerazik. *Sov. med.* 28 no. 9: 69-73 S '64.

RETROPERITONEAL SPACE—DISEASES

- Rare case of a retroperitoneal position of aberrant goiter. I.U. Komarovskii, V.V. Zakrzhevskii, I.U. Korzhinskii. *Probl. endok. i gorm.* 12 no. 3:50-54 My-Je '66.

REVEGETATION

- Revegetation of the ash dumps of the thermal electric power plants of the Urals. V.V. Tarchevskii. *Trudy MOI* 18:281-287 '66.

REVOLUTIONS

- Certain aspects of the Leninist theory of revolution. N.G. Levintov. *Vop. filos.* 20 no. 4:22-32 '66.

REWARDS (PRIZES, ETC.)

- High rewards to innovators. *Sov. shakht.* 15 no. 4:8 Ap '66.

RHENIC ACID

- System $H_2SO_4 - HNO_3 - H_2O$. V.A. Bardin, K.A. Bol'shakov. *Zhur. neorg. khim.* 11 no. 5:1081-1083 My '66.

RHENIUM—ANALYSIS

- Spectrophotometric determination of rhenium. V.M. Tarakan, L.G. Mushegian. *Izv. AN Arm. SSR. Khim. nauk* 10 no. 6:552-555 '65.

- Thermodynamics of rhenium distillation from sulfuric acid solutions. K.A. Bol'shakov, V.A. Bardin. *Zhur. neorg. khim.* 11 no. 5:1167-1170 My '66.

RHEOLOGY

- Rapid determination of the rheological constants of polymer melts. N.N. Samosvatkii. *Plast. massy* no. 5:58-60 '66.
- Rheological characteristics of lithium soap pseudogels as influenced by the fatty acid chain length. V.V. Smitsyn, E.V. Aleeva. *Dokl. AN SSSR* 168 no. 3:636-639 My '66.
- Rheological properties of plasticized polyvinyl chloride. V.S. Zakharov, N.S. Semakina, A.A. Konkin. *Khim. volok.* no. 3:15-17 '66.
- Rheological study of plasticized powder charge mixture. A.G. Kostornov, A.I. Ralchenko. *Porosh. met.* 6 no. 5:9-15 My '66.

RHEUMATIC FEVER

- Allergic reactions in the preventive treatment of rheumatic fever with bicillin and aspirin. A.I. Bolotina, V.A. Komarova. *Sov. med.* 28 no. 9:94-96 S '64.

RHEUMATIC HEART DISEASE

- Phase analysis of heart contractions in cardiac defects and its significance in the evaluation of working capacity. D.A. Sokolova. *Kardiologiya* 4 no. 2:49-53 Mr-Apr '64.
- Significance of dye dilution curves in hemodynamic studies on rheumatic lesions of the heart. R.S. Vioitskaya, B.M. Kostichenok. *Kardiologiya* 4 no. 2:25-30 Mr-Apr '64.

RHINITIS IN SWINE

- Role of disinfection in preventing atrophic rhinitis. I.G. Buzmakov. *Veterinariia* 42 no. 4:97-99 Ap '66.

RHIZOSPHERE MICROBIOLOGY

- Microbiological characteristics of the rhizosphere of plants of natural associations in the dry-steppe and desert-steppe subzones of central Kazakhstan. I.S. Skalon. *Trudy Bot. inst. Ser.* 3 no. 17:151-169 '65.

RHODIUM COMPOUNDS

- Green rhodium sulfate. S.I. Ginzburg, N.N. Chalkova, O.N. Evstaf'eva. *Zhur. neorg. khim.* 11 no. 4:742-750 Ap '66.
- Hydrolysis of potassium hexachlororhodate. A.V. Beliaev, B.V. Pitayn. *Zhur. neorg. khim.* 11 no. 4:766-769 Ap '66.

RHUBARB—DISEASES AND PESTS

- Potato stalk borer *Hydroecia micacea* as a rhubarb pest. S.M. Pospelov. *Zap. LSKH* 95:61-70 '65.

RIABCHIKOV, DMITRII IVANOVICH, d. 1965

- Dmitrii Ivanovich Riabchikov; an obituary. I.U. Skliarenko. *Zhur. neorg. khim.* 11 no. 5:953-963 My '66.

RIBOFLAVIN

- Excretion of vitamin C and B₂ in the urine of patients with tuberculous meningitis. A.A. Novakovskaya and others. *Sov. med.* 28 no. 9:125-127 S '64.
- Nucleotides, coenzymes, phosphoric esters. Part 10: Single-product synthesis of flavine mononucleotide from riboflavin via its phosphamides. R.V. Artemkina, V.M. Berezhovskii. *Zhur. ob. khim.* 36 no. 5:823-828 My '65.

RIBONUCLEASE

- Induction of ribonuclease biosynthesis in *Escherichia coli* and *Pseudomonas pyocyanea*. I.I. Oleinik and others. *Mikrobiologiya* 35 no. 2:220-222 Mr-Apr '66.

RIBOSOMES

- Reconstruction of biologically active ribosomes from protein-poor ribonucleoprotein particles and ribosomal protein. A.S. Spirin and others. *Biokhimiia* 31 no. 2: 424-430 Mr-Apr '66.
- Some properties of ribosomes isolated from highly purified mitochondrial fraction. N.R. Elaez. *Biokhimiia* 31 no. 2:234-240 Mr-Apr '66.

RIBS—ABNORMALITIES AND DEFORMITIES

- Additional cervical rib simulating aneurysm of the subclavian artery. R.M. Nurmukhamedov. *Vest. rent. i rad.* no. 2:75 '64.

RICE

- Use of *Azotobacter* for rice. Sh. T. Shende. *Vest. sel'khoz. nauk* 11 no. 2:129-130 F '66.

RICE—DISEASES AND PESTS

- (see also subdivision under Uzbekistan)
- Bioecology of *Aphelochloa*, the agent of white tip of rice. L.V. Tikhonova. *Vest. sel'khoz. nauk* 11 no. 2: 45-47 F '66.

RICE—IRRIGATION see subdivision under Crimea; Kazakhstan

RICKETS

- Tur, A.F. [Rickets] *Rakht. [Leningrad] Meditsina*, 1966. 168 p. (DNLN)

RICKETTSIAL DISEASES

- Methodology of conducting the hemagglutination reaction for the diagnosis of rickettsiosis. K.V. Men'kova. *Lab. delo* no. 4:229-230 '66.

RIEMS ISLAND—VETERINARY MICROBIOLOGY—RESEARCH

- Riems Island, a center of veterinary virology of the German Democratic Republic. TS. TS. Khanduev, N.N. Drigalin. *Veterinariia* 43 no. 5:105-106 My '66.

RIGA—CAMPS

- Holidays in the city. L. Brondina. *Sov. profsoiuzy* 22 no. 9:33-34 My '66.

RIGA—FISHERIES

- New principles of planning and prices for the fishery production. P. Nesmashnyi. *Ryb. khoz.* 42 no. 3:77-78 '66.

RILA MOUNTAINS—BOTANY—ECOLOGY

- Flora and vegetation of the Rila Mountains in Bulgaria. M.I. Kotov. *Bot. zhur.* 51 no. 4:579-583 Ap '66.

RING FORMATION (CHEMISTRY)

- Cyclization of α -carboxybenzylferrocene. A.N. Nesmetanov, V.D. Vil'chevskaya, M.S. Kochetkova. *Izv. AN SSSR, Ser. khim.* no. 5:936-940 '66.

RINGWORM

- Materials for the study of microspores in the silver fox. I.G. Levenberg. *Trudy VNIIVS* 16:379-382 '60.
- Treatment of animals with trichophytosis; according to materials received at the editorial office. *Veterinariia* 42 no. 4:33 Ap '66.

RIVERS

- (see also subdivision under Caucasus; Estonia; Siberia, Western; Ukraine)

- Studying the shape of beds by the method of dynamic morphology. I.U. A. Bad-zade, T.K. Khasbolli. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk* no. 3:157-165 '64.

RIVERS—REGULATION

- Some results of a laboratory investigation of the bed drift in the backwater end area. M. Pirovsky, J. Vincent. *Za tekh. prog.* 4 no. 12:32-35 D '64.

ROACH (FISH) see subdivision under Ob' River

ROAD CONSTRUCTION

(see also subdivision under Japan)

Ivanov, N.N., ed. [Examples of the design of technology for road construction] Primery proektirovaniia tekhnologii dorozhno-stroitel'nykh rabot. [By] B.M. Oreshkin i dr. Moskva, Transport, 1966. 373 p.

ROAD MACHINERY

Machinery for laying black topping and foundations of roads (conclusion). M.I. Veltsman. Mekh.stroi, 22 no. 4:27-29 Ap '65.

Reliability of machinery for building concrete roads. V.I. Boitsov. Mekh.stroi, 22 no. 4:20-21 Ap '65.

ROAD MACHINERY—ABSTRACTS

[Construction equipment and road machinery] Ref. zhur.: Stroi. i dor.mash. no. 5 My '66.

ROADS

Waterproofing soil by silicon organic liquids during the construction of automobile roads. D.V. Volotskoi. Izv. vys.ucheb. zav.; stroi. i arkh. 9 no. 2:100-105 '66.

ROADS—ABSTRACTS

[Highways] Ref. zhur.: Avt.dor. no. 5 My '66.

ROADS, BITUMINOUS

Study of soils bound by bitumen emulsions. A.D. Iurichev, G.Z. Il'in. Izv. vys.ucheb. zav.; les. zhur. 9 no. 1:85-89 '65.

ROADS, ICE see subdivision under Tyumen' Province

ROBBER FLIES

Robber flies of the genus *Neotamias* Ost. -Sac. (Diptera, Asilidae) in the U.S.S.R., P.A. Ler. Zool. zhur. 45 no. 4:563-574 '66.

ROBESPIERRE, MAXIMILIEN MARIE ISIDORE DE, 1758-1794

Levandovskii, A.P. [Robespierre] Robesp'er. Moskva, Molodaia gvardiia, 1965. 301 p. (Zhizn' zamechatel'nykh liudei. Seria biografiia, no. 31(289))

ROBOTS see Automata

ROCK BOLTS see Mine roof bolting

ROCK BURSTS

Forecasting the danger of sandstone outbursts. V.I. Nikolai, I.M. Berkovich, M.A. Khalimovskii. Ugol' Ukr. 10 no. 5:47-48 My '66.

ROCK MECHANICS

Experimental study of the disintegration of rocks with a wedge-like punch in the presence of a second exposed surface. L.G. Grabchak, L.V. Komarov, V.V. Nosov. Izv. vys.ucheb. zav.; geol. i razv. 9 no. 5:116-121 My '66.

Formation of underground cavities in plastic rocks by the method of internal explosions. A.S. Dobina, N.A. Evstropov. Gor. zhur. no. 5:40-43 My '66.

Influence of controlled blasting of borehole charges on the mechanism of rock breaking. P.S. Maliy. Shkhit. stroi. 10 no. 4:11-13 Ap '65.

Practices in calculating the characteristics of the real surface of a mine for the evaluation of the variability of the stress along the circumference. V.I. Sheinin. Osn., fund. i mekh. grun. 8 no. 3:33-34 '66.

ROCK PRESSURE

Causes of rock swelling and the character of the distribution of rock pressure in development workings depending on the method of their protection. A.M. Fed'ko, A.I. Rabichev. Ugol' Ukr. 10 no. 5:9-10 My '66.

Influence of rock pressure on the efficiency of short-delay blasting in longwalls. B.V. Levin. Vzyv. delo no. 59/16:197-202 '65.

Pressure recovery in an elastic layer. L.M. Gadzhiev. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk no. 4:73-79 '65.

Recommendations on controlling rock pressure during the first roof caving in longwalls of steep seams in the Central District of the Donets Basin. A.F. Saltykov, P.K. Beliakov, N.A. Shapoval. Ugol' 41 no. 5:14-20 My '66.

ROCK WOOL see Mineral wool

ROCKETRY—ABSTRACTS

[Rocket building] Ref. zhur.: Raketostr. no. 5 My '66.

ROCKETS (AERONAUTICS)—CATALOGS

[Catalog of data on rockets and satellites of the World Data Center B1] Kat. dan. po rak. i sput. Ja-Je '64, publ. Ji '64; Ji-D '64, publ. Mr '65.

ROCKETS (AERONAUTICS)—CONTROLS

Appazov, R.F., S.S. Lavrov, and V.P. Mishin. [Ballistics of long-range guided rockets] Ballistika upravliaemykh raket dal'nego del'stviia. Moskva, Nauka, 1966. 306 p.

ROCKETS (ORDNANCE)

To new frontiers. V. Chukhov. Tekh. i vooruzh. 24 no. 1:62-63 Ja '66.

ROCKS

(see also subdivision under Altai Mountains; Sayan Mountains; Soviet Far East)

Connection between the stability of bedrock underlying mine workings, their depth, and the physico-mechanical properties of rocks. I.U. Blotserkovets. Dop. AN URSS no. 4:474-476 '66.

Determining the mechanical properties of rocks from natural factors. A.A. Shamsiev, F.A. Askerov. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk no. 3:135-140 '64.

History of conceptions about geological formations (geogenezes). N.B. Vassoevich. Trudy VSEGEI 128:5-35 '66.

Possibility of using generalized logarithmically normal law for the description of the distribution of the physical properties of rocks. K.S. Turitsyn. Geol. i geofiz. no. 2:111-115 '66.

ROCKS—ANALYSIS

Methodology of the extraction of bituminoids from rocks. A.P. Kontrovich and others. Geol. i geofiz. no. 2:135-139 '66.

ROCKS—CLASSIFICATION

General principles of the study and classification of rocks in engineering geology. V.D. Lontadze. Trudy Lengidropreokta 2:23-29 '65.

ROCKS—CRUSHING AND GRINDING

Arsh, E.I., G.K. Vitort, and F.B. Cherkasskii. [New methods for crushing strong rocks] Nove metody drobitel'ia krepkikh gornykh porod. Kiev, Naukova dumka, 1966. 157 p.

ROCKS—DENSITY

Statistical distribution of the density of rocks containing ores. I.P. Sharapov. Izv. AN SSSR. Fiz. zem. no. 5: 85-88 '66.

ROCKS—ELASTIC PROPERTIES see subdivision under India; Kola Peninsula

ROCKS—MAGNETIC PROPERTIES

Experimental study of viscous magnetization. V.I. Trukhin. Izv. AN SSSR. Fiz. zem. no. 5:105-111 '66.

ROCKS—PIEZOELECTRIC PROPERTIES

Jet-piercing capacity compared to the magnitude of the piezoelectric effect in rocks containing piezoelectric minerals. A.B. Uspenskaya. Izv. vys.ucheb. zav.; gor. zhur. 9 no. 4:9-12 '65.

ROCKS—TERMINOLOGY

Terminology of formation subdivisions. V.I. Dragunov. Trudy VSEGEI 128:36-47 '66.

ROCKS—TESTING

Investigating the effect of granularity on physico-mechanical properties of rocks and on their resistance to drilling. S. Torosian. Prom. Arm. 9 no. 2:44-47 F '66.

ROCKS, CARBONATE see subdivision under Transbaikalia

ROCKS, IGNEOUS

(see also subdivision under Armenia; Caucasus; Chukchi National Area; Karelia; Sayan Mountains; Shakhdag Range; Siberian Platform; Stanovoy Range; Talyagatay Range; Ural Mountains; Vistnevyie Mountains)

Characteristics of the chemical composition and distribution of titanomagnetite in complex massifs of ultrabasic, alkaline rocks, and carbonates. L.S. Borodin, B.P. Zolotarev, L.I. Serdobova. Izv. AN SSSR. Ser. geol. 31 no. 5:32-48 My '66.

Chlorine specialization of the ore-bearing "gabbro-albite" intrusive complex. G.A. Sokolov, D.I. Pavlov. Geol. rud. mestorozh. 8 no. 1:93-95 Ja-F '66.

Possible subsurface conditions governing igneous activity. V.V. Belousov. Sov. geol. 9 no. 4:7-25 Ap '66.

Significance of erupted and metamorphic rocks for the mineralization of natural waters. G.A. Alekin, G.N. Danilova. Dokl. AN SSSR 168 no. 3:675-678 My '66.

ROCKS, IGNEOUS—ANALYSIS

(see also subdivision under Armenia; Dnieper Valley; Synmyr Range)

Titanium-iron ratio of the rocks of heterogeneous magmata. I.I. Abramovich, E.B. Vysokostrovskaya. Geokhimiia no. 7:641-645 Ji '64.

ROCKS, SEDIMENTARY

(see also subdivision under Black Sea region; Donets Basin; Elbrus Mount region; Fergana Valley)

Metagenesis of terrigenous rocks of geosynclines. N.V. Logvinenko. Izv. vys.ucheb. zav. geol. i razv. 9 no. 3: 40-66 Mr '66.

Relationship between the density and general porosity of sedimentary rocks and the methodology of the study of stochastic relations between rock parameters. B.V. Vikhrev. Prikl. geofiz. no. 43:92-113 '65.

ROCKS, SEDIMENTARY—ANALYSIS

Results of studying mechanical and chemical denudation of drainage basins. V.P. Kazarinov, A.E. Kontorovich, L.M. Gerasimova. Sov. geol. 8 no. 9:63-73 S '65.

RODENT BAITS AND REPELLENTS

Grain bait with zinc phosphide for *Microtus* (Blanfordina) affinis Thomas control. A.V. Popov and others. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:62-68 '66.

Studying the repellent action of bound-tongue on brown rats. D.F. Trakhanov, A.A. Poljakov. Trudy VNIIVS 16:347-356 '66.

RODENT CONTROL see subdivision under Borneo

RODENTICIDES

Effect of ratindan on the heart activity and respiration of some species of marine rodents. I.I. Tumanov. Zap. LSKH 95:176-183 '65.

Gas exchange and variations in the prothrombin activity of the blood of white rats poisoned by ratindan. L.V. Kuznetsova. Zap. LSKH 95:184-190 '65.

RODENTS see subdivision under Kirghizistan

RODENTS—BIOLOGICAL CONTROL

Bacteriological method against rodents. M. Prokhorov. Zashch. rast. 11 no. 1:32-33 '66.

RODENTS—EXTERMINATION see subdivision under Borneo

RODENTS, FOSSIL see subdivision under Kollovina region (Ukraine); Siberia, Western

ROLLING (METALWORK)

Effect of rolling conditions on the magnetic properties of transformer steel. N.M. Fedosov and others. Trudy MEI no. 61 pt. 2:119-124 '65.

Effect of rolling on the stressed state of circular saws. I.U. M. Shakhiev. Izv. vys.ucheb. zav.; les. zhur. 9 no. 1: 112-114 '66.

Effect of the elastic squeezing of the rolls on the moment in longitudinal rolling. I.I. Smolnikov. Izv. vys.ucheb. zav.; chern. met. 9 no. 5:96-101 '66.

Experience in producing long cold-formed tubes. I.G. Chiburaev and others. Metallurg. 11 no. 5:32-33 My '66.

Experimental determination of initial pressure on rolls in rolling alloyed steel ingots. M.L. Zaretschinskii, V.M. Lashnikov. Izv. vys.ucheb. zav.; mashinostr. no. 3:128-132 '66.

Influence of the conditions of reduction during cold rolling on the magnetic properties of transformer steel. N.M. Fedosov and others. Trudy MEI no. 61 pt. 2:67-80 '65.

Investigating the variation in thickness of two-layer sheet made by pack rolling. D.I. Pliginskii and others. Sbor. trud. TSNIICHIM no. 42:85-91 '65.

Magnetic properties of transformer steel rolled from a 2.75 mm thick strip. N.M. Fedosov and others. Trudy MEI no. 61 pt. 2:105-103 '65.

Production of two-layer stainless steel by pack rolling. S.A. Golovanenko and others. Sbor. trud. TSNIICHIM no. 42:5-9 '65.

Resistance to corrosion of Kh18Ni9Ti steel pipe rolled from a welded blank. E.F. Ufimtseva and others. Trudy MEI no. 61 pt. 2:249-255 '65.

Rolling large-size two-layer sheets with a cladding layer of hard-to-work steel. L.V. Meandrov, A.A. Bykov. Sbor. trud. TSNIICHIM no. 42:45-54 '65.

Rolling of a three-layer band nickel - steel - nickel. L.V. Meandrov and others. Sbor. trud. TSNIICHIM no. 42:70-76 '65.

Rolling of two-layer ingots of L53 - Kh6F1 steels on a blooming mill. P.S. Plekhanov and others. Sbor. trud. TSNIICHIM no. 42:34-44 '65.

Rolling the titanium - iron bimetal. T.K. Aleksandrov, A.M. Kanunnikova. Sbor. trud. TSNIICHIM no. 42:77-84 '65.

Rolling thick steel - monel alloy sheet on the 2500 mill. S.A. Golovanenko and others. Sbor. trud. TSNIICHIM no. 42:59-63 '65.

Rolling tungsten and molybdenum in conditions of low partial pressure of oxygen. A.V. Krupin and others. TSvet. met. 59 no. 5:93-94 My '66.

Shape and position of the critical (neutral) surface during rolling with smooth rolls. I.A. Tarnovskii, E.R. Riman. Izv. vys.ucheb. zav.; chern. met. 9 no. 5:107-111 '66.

Stressed state of the metal during rolling in smooth-hard-rolled rolls. Report No. 1. P.I. Polukhin, V.K. Vorantsov. Izv. vys.ucheb. zav.; chern. met. 9 no. 5:102-106 '66.

Studying axial stresses during the cold rolling of pipe. I.U. F. Shevakin and others. Trudy MEI no. 61 pt. 2:239-248 '65.

Studying deformation and strength of cohesion of the layers of a bimetal steel-copper during hot rolling. V.A. Ustinenko, S.A. Golovanenko, L.V. Meandrov. Sbor. trud. TSNIICHIM no. 42:14-22 '65.

Studying the process of pipe reeling in a three-high helical rolling mill. V.I.A. Osadchii and others. Trudy MEI no. 61 pt. 2:149-153 '65.

ROLLING (METALWORK) (Continued)

- Technology of manufacture and the mechanical properties of VAD23 alloy sheet. K. N. Mikhailov and others. *Alum. splav* no. 4:65-69 '66.
- Technology of producing two-layer sheet steel by pack rolling. D. I. Pilyavay and others. *Sbor. trud. TSMICHIM* no. 42:10-13 '65.
- Theoretical analysis of rolling in grooves with the help of variational principles in mechanics. A. N. Skorokhodov and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5: 85-90 '66.

ROLLING (METALWORK)—MATHEMATICAL MODELS

- Plotting a mathematical model of the sheet rolling process. Report No. 1. V. P. Potukhin. *Izv. vys. ucheb. zav. Chern. met.* 9 no. 5:76-84 '66.

ROLLING CONTACT

- Calculation of contact surfaces during the rolling of pipe. V. I. Onadchil and others. *Trudy MEI* no. 61 pt. 2:155-168 '65.

- Contact surface between metal and rolls during the hot pilgrin rolling of pipe. H. F. Shevakin, B. N. Matveev, B. N. Lidenbaum. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:112-114 '66.

ROLLING MILLS

- Calculating the carrying capacity of lubricated bearings of rolling mills. A. A. Korolev. *Izv. vys. ucheb. zav.; mashinost.* no. 2:133-138 '66.

ROLLING MILLS—DESIGN AND CONSTRUCTION

- Adopting the use of the 300 continuous strip mill. B. V. Khovrin and others. *Metallurg* 11 no. 5:20-29 My '66.
- Higher accuracy of rolled shapes. L. M. Elkov and others. *Stal* 26 no. 5:433-437 My '66.
- Redesigning the safety clutch on the automatic 350 mill. A. F. Krizanov, F. A. Cheberko. *Metallurg* 11 no. 5: 32 My '66.

ROLLING MILLS—PROTECTIVE ATMOSPHERES

- Equipment for the working of high-melting metals in vacuum and in neutral media. I. M. Pavlov and others. *Trudy MEI* no. 61 pt. 2:80-94 '65.

ROLLING MILLS—SPEED

- Determining tension during discordant speed conditions of continuous hot rolling mills. A. P. Chekmarev, L. N. Levenchenko, L. F. Mashkin. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:90-95 '66.

ROLLS (ROLLING MILLS)

- High-temperature thermomechanical surface hardening (on the example of 9Kh steel). M. I. Bernshstein and others. *Fiz.-khim. mekh. met.* 1 no. 6:701-706 '65.
- A new study of elastic deformations of rolling mill rolls by models of low-modulus materials. V. P. Potukhin. *Trudy MEI* no. 61 pt. 2:131-148 '65.
- Optimum groove camber in the cold rolling of pipe. H. F. Shevakin, N. I. Kasatkina. *Trudy MEI* no. 61 pt. 2:9-19 '65.
- Roll grooving in rotary rolling for expanding the pipe. F. S. Sedlachev. *Trudy MEI* no. 61 pt. 2:183-192 '65.
- Shape of the groove on a tube reducing mill. A. Z. Gleiberg, E. D. Klempert, M. P. Stoletov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5:128-130 '66.
- Studying the grooving of rolls on the mills for the cold rolling of pipe. H. F. Shevakin and others. *Trudy MEI* no. 61 pt. 2:37-61 '65.
- Studying the heat distribution along roll barrels and their wear in a continuous five-high cold rolling mill. V. Kh. Polzunin, A. D. Filatov. *Stal* 26 no. 5:441-443 My '66.
- Studying the piercing process in rolls with ragging. V. I. A. Onadchil and others. *Trudy MEI* no. 61 pt. 2:21-30 '65.
- Temperature conditions during the operation of rolls in the 1700 four-high cold rolling mills. A. V. Grachev and others. *Stal* 26 no. 5:437-440 My '66.

ROLLS (ROLLING MILLS)—MAINTENANCE AND REPAIR

- Machining rolls surfaced with hard alloys. V. I. Merzlikov. *Metallurg* 11 no. 5:30-32 My '66.

ROLLS (ROLLING MILLS)—TESTING

- Method of controlling the technology of pipe making with furnace welding by measuring the roll force. F. D. Manevich, A. S. Rozen, V. P. Kolomolets. *Stal* 26 no. 5: 454-456 My '66.

ROMANTICISM

- Yanslov, V. Y. [Aesthetics of romanticism] *Estetika romantizma*. Moskva, Iskustvo, 1966. 401 p.

ROMASHKINO OIL FIELD—OIL RESERVOIR ENGINEERING

- Cholovskii, I. P. [Methods of fluid geological analysis in the development of large oil fields; based on a study made in the Romashkino oil field] *Metody geologo-promyslovogo analiza pri razrabotke krupnykh neflianykh mestorozhdenii na primere Romashkinskogo mestorozhdenia*. Moskva, Nedra, 1966. 178 p.

ROOFING

- (see also subdivision under Finland)
- Extracting roofing varieties of bitumen from Dzharkurgan petroleum. N. Burnaev, T. Fazilov, Stroi. i arkh. Sred. Az. 1 no. 7:26-27 Ji '64.
- They use rolled materials correctly. V. Moshkovich. *Stroi. i arkh.* 14 no. 4:30-32 Ap '66.

ROOFING, BITUMINOUS

- Efremov, S. G. [New developments in the technology of winter insulating operations using nonfreezing cold asphaltic mastics] *Novoe v tekhnologii zimnikh izolatsionnykh rabot s primeneniem nezamerzavushchikh kholodnykh asfal'tovykh maslik*. Leningrad, 1965. 27 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Stroitel'noe proizvodstvo)
- Popchenko, S. N. [Cold asphalt waterproofing] *Kholodnaya asfal'tovaya gidrozolatsiia*. 2. Izd., perer. i dop. Leningrad, Stroiizdat, 1966. 301 p.

ROOFING, CONCRETE

- Deflection of lime concrete roof slabs under short-term and under protracted action of a load. R. V. Popov, E. N. Troitskii. *Sbor. trud. VNIISTROM* no. 4:118-127 '65.
- Industrial production of PKZh-type light-weight reinforced concrete slabs for industrial roofing. A. Piradov, A. Akoplian. *Prom. Arh.* 9 no. 3:46-48 Mr '66.

ROOFS

- Built-up ventilated roofs with heating panels. A. Parafillo, V. Popov, G. Sukhin. *Stroi. i arkh.* 14 no. 4:21 Ap '66.
- Practices in the use of enclosing elements of aluminum and plastic materials. S. S. Karmilov. *Prom. stroi.* 43 no. 5:36-37 '66.

ROOFS—DESIGN AND CONSTRUCTION

- Roofs for a bus station platform. O. Kosoverov. *Stroi. i arkh.* 14 no. 4:22 Ap '66.

ROOFS—TABLES, CALCULATIONS, ETC.

- Taking flexure into consideration when calculating roof trusses. I. Belinskii. *Prom. stroi. i inzh. soor.* 5 no. 5:33-35 N-D '63.

ROOFS, SHELL

- Calculation of reinforced concrete cylindrical shells. A. P. Pavlov. *Sbor. trud. LSI* no. 48:5-34 '65.
- Experimental and theoretical studies of the performance of prestressed concrete cylindrical shells. L. E. Spiridonova. *Sbor. trud. LSI* no. 48:74-81 '65.
- Mesh-reinforced concrete panel-shells for industrial construction. N. Borovskii, V. Rasov. *Prom. stroi. i inzh. soor.* 6 no. 4:11-15 Ji-Ag '64.

- Vaulted roof for industrial buildings. P. Tul'chinskii and others. *Prom. stroi. i inzh. soor.* 6 no. 3:25-28 My-Je '64.

ROOFS, SUSPENSION

- Suspension rectangular roofs. A. Dubinskii, V. Shimanovskii. *Prom. stroi. i inzh. soor.* 6 no. 3:21-25 My-Je '64.
- Translucent glass reinforced plastic cable-suspended roofs. V. Popov. *Na stroi. Ros.* 7 no. 4:27 Ap '65.

ROOT CROPS—CLEANING

- Machine for washing root crops. A. Litvinsev and others. *Tekh. v sel'khoz.* 26 no. 4:70 Ap '66.

ROOT KNOT

- Root knot nematodes. F. Elvazova, O. Mavil'nov. *Zashch. rast.* 11 no. 5:54 '65.

ROOT ROT

- Root rot of spring wheat. N. Mikhailina. *Zashch. rast.* 11 no. 5:30-31 '66.

ROOTS (BOTANY)

- (see also subdivision under Kamenaya Steppe)
- Adenosine triphosphatase from the cellular fractions of growth zones of lupine roots. T. S. Salamatova, E. N. Balaban, Fiziol. rast. 13 no. 1:70-81 Ja-F '66.
- Development of the root system of corn varieties and hybrids. M. B. Abenov. *Vest. sel'khoz. nauk (Kazakh.)* 9 no. 4:10-14 Ap '66.

ROOTS, NUMERICAL

- Rule determining the number of digits for a root of the n th power. L. A. Boiarinova. *Uch. zap. TGPI* 21:181-182 '64.

ROSTOV-ON-DON—BRICK INDUSTRY

- Mechanization of operations at the Rostov brick factories. U. I. Belov, L. M. Liozumovich. *Stroi. mat.* 11 no. 3: 15-10 Mr '65.

ROSTOV-ON-DON REGION—DAIRY BARN—DESIGN AND CONSTRUCTION

- Second bonus for the construction of a state farm section. N. Zhulidov. *Sel. stroi.* 18 no. 4:3-9 Ap '64.

ROSTOV PROVINCE—ANTIQUITIES

- Excavations of Bronze Age burial mounds near Novocherkassk in 1962. A. N. Melent'ev. *Krat. soob. Inst. arkheol.* no. 106:92-98 '66.

ROSTOV PROVINCE—HISTORY

- Rostov-on-Don. Universitet. [History of the Don from ancient times to the Great October Socialist Revolution] *Istoriia Dona s drevneishikh vremen do Velikoi Oktobr'skoi sotsialisticheskoi revoliutsii*. (Rostov-na-Donu) Izd-vo Rostovskogo univ., 1965. 525 p. (ICU)

ROSTOV PROVINCE—ORTHOPEDIC APPARATUS INDUSTRY

- Entering the new five-year plan. M. Sidorov. *Sots. obesp.* 41 no. 5:46-47 My '65.

ROSTOV PROVINCE—PETROCHEMISTRY

- Petrochemistry of the Pre-Cambrian basement in Rostov Province (Azov and Varonezh anticline). V. V. Sviridov. *Sov. geol.* 9 no. 5:145-151 My '66.

ROSTOV PROVINCE—RURAL CONSTRUCTION

- Organization of construction and assembling operations by mobile detachments. B. Volovik. *Sel. stroi.* 18 no. 4:7-8 Ap '64.

ROSTOV PROVINCE—SUGAR BEETS—DISEASES AND PESTS

- Spinach leaf miner in Rostov Province. V. Minoranskii. *Zashch. rast.* 11 no. 5:53-54 '66.

ROTARY CONVERTERS

- Processes optimal in respect to the response acceleration, reverse, and braking in generator-motor systems. L. V. Akinov, V. D. Pyshkalo, V. P. Shamrai. *Elektrichestvo*. no. 5:22-27 My '65.

ROTARY KILNS see Kilns, Rotary

ROTARY PUMPS—DESIGN AND CONSTRUCTION

- Certain geometrical and kinematic correlations of a rotary hydraulic machine with a hypotrochoid profile of its casing cavity. B. N. Biriukov. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no. 4:83-89 '66.

ROTATION OF CROPS

- Action of defecates in sugar beet crop rotation. A. I. Chernetskii. *Vil'an. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2:178-201 '64.
- Aftereffects of basic fertilizers on leached Chernozems. S. T. Ligon. *Agrokhimiia* no. 5:58-63 My '66.
- Amount and ratio of fertilizers in grain sugar beet crop rotations. A. M. Vitko. *Vil'an. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2:202-225 '64.
- Crop rotation and crop yield. S. M. Kakharenko, V. F. Zainchikovskii. *Zemledelie* 20 no. 4:43-54 Ap '66.
- Crops preceding spring wheat in the Chestnut soil zone of the lower Volga Valley. E. P. Anikeev. *Vest. sel'khoz. nauk* 11 no. 4:104-105 Ap '66.
- Effect of organic and mineral fertilizers, and lime on the yield of some rotation crops in loamy turf-Podzolic soils. V. A. Tiulin, T. B. Baus. *Agrokhimiia* no. 5: 69-78 My '66.
- Effectiveness of farm manure and mineral fertilizers as related to the amount used in crop rotations on the Chernozem soils in the steppe of the Ukraine. I. K. Artukhov. *Vil'an. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2:226-249 '64.
- Effectiveness of farm manure and mineral fertilizers in crop rotation containing green manure crops. F. F. Iukhimchuk, N. D. Salova. *Vil'an. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2:40-84 '64.
- Effectiveness of fertilizers in cotton-alfalfa crop rotations on salinized soils in the Fergana Valley. M. N. Rozhdensvenskii. *Vil'an. dlt. prim. udob. na plod. i prod. sevoobor.* no. 2:282-290 '64.
- Effectiveness of the use of fertilizers in sugar beet crop rotation in the non-Chernozem zone. A. D. Chernonkov, I. K. Zalgaukskaia, V. T. Borovikov. *Vil'an. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2:222-132 '64.
- Fertilizers for vegetables in crop rotation in turf-Podzolic soils of White Russia. M. P. Sapun. *Vil'an. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2:133-147 '64.
- Past as fertilizer in crop rotation in the non-Chernozem belt. P. S. Kats. *Vil'an. dlt. prim. udob. na plod. poch. i prod. sevoobor.* no. 2:148-177 '64.
- Scientific bases of crop rotation in the cotton zone of Central Asia. P. M. Bodrov, S. N. Ryzhov. *Vest. sel'khoz. nauk* 11 no. 4:81-90 Ap '66.

ROTORS

- Production of one piece cast rotors in a vacuum. E. V. Rusetskii, V. T. Zdobnov. *Lit. proizv.* no. 2:3-5 F '64.

ROVNO—MEDICINE, INDUSTRIAL

- Mistake should be corrected. V. Didych. *Okhr. truda i sots. strukh.* 8 no. 3:36 Mr '65.

ROWAN

- Flavonoids of the blossoms of the rowan tree *Sorbus aucuparia*. M. I. Borysov, M. S. Zhurav'ov. *Farmatsev. zhur.* 20 no. 3:50-52 '65.
- Rowan preserves. M. S. Vasil'kov. *Kons. i ov. prom.* 21 no. 5:20 My '66.

- ROWING**
Fomin, S. K., ed. [Rowing] Grebnoi sport. Moskva, Fizkultura i sport, 1966. 294 p.
- ROZDOL REGION (UKRAINE)—SULFUR—ANALYSIS**
Study of the composition of liquid inclusions in the crystals of native sulfur. N. P. Iushkin, B. I. Strebelskiy. Min. shor. 19 no. 2:229-236 '65.
- ROZMIROVICH, ELENA FEDOROVNA, 1886-1953**
Elena Fedorovna Rozmirovich; on the 60th anniversary of her birth. T. F. Avramenko, M. N. Simonian. Vop. ist. KPSS 10 no. 3:93-102 Mr '66.
- RUBAKIN, ALEKSANDR NIKOLAEVICH, 1889-**
Rubakin, A. N. [Over the river of time; reminiscences] Nad rekou vremeni; vospominaniya. Moskva, Mezhdunarodnye otnosheniya, 1966. 324 p.
- RUBBER**
Method of determining some parameters of intermolecular reactions in rubber. G. T. Darovskikh, A. B. Kasov, L. E. Plass. Kauch. i rez. 25 no. 5:17-19 '66.
- RUBBER—SPECTRA**
Study of the interaction of hydroperoxide groups in rubbers with phenothiazine by the electron paramagnetic resonance method. I. Benlisa and others. Vysokom. soed. 8 no. 5: 893-897 My '66.
- RUBBER, EFFECT OF RADIATION ON**
Formation of radicals in the radiolysis of solid rubbers. V. T. Kozlov, Z. N. Tarasova. Vysokom. soed. 8 no. 5: 943-948 My '66.
- RUBBER, SYNTHETIC**
Oil-extended stereoregular cis-1,4-butadiene rubber. M. M. Gostev and others. Kauch. i rez. 25 no. 5:3-4 '66.
Studying the chemical resistance of butadiene-styrene rubber. E. M. Grozhan, I. U. S. Zuev, E. V. Kikabidze. Kauch. i rez. 25 no. 5:24-27 '66.
Use of atactic polypropylene in nitril rubber. I. T. Gridunov and others. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:126-127 '66.
Use of some metallic oxides as vulcanization activators of compounds based on synthetic butadiene rubber. F. F. Koshchev, L. P. Fedukina. Kauch. i rez. 25 no. 5:19-22 '66.
- RUBBER, SYNTHETIC—TESTING**
Effect of acids constituting the base of emulsifiers for butadiene-styrene rubber on the resistance to thermal oxidation actions of rubbers and their vulcanizates. N. I. Troitskaya, B. S. Karmin. Kauch. i rez. 25 no. 5: 10-14 '66.
Effect of carbon black type on the residual deformations of butadiene-nitrile rubber. A. D. Zaleskaya, R. Sh. Frankel, I. A. Silonova. Kauch. i rez. 25 no. 5:22-23 '66.
- RUBBER, SYNTHETIC, EFFECT OF TEMPERATURE ON**
Effect of carbon black on nitril rubber resistance to temperature changes. I. T. Gridunov, V. A. Fomina. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1: 120-131 '66.
- RUBBER GOODS**
Ways to increase the strength of the joints of conveyor belts operating under conditions of increased load and speeds. E. N. Teverovskaya and others. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:159-161 '66.
- RUBBER INDUSTRY**
Fulfillment of socialist obligations assumed in honor of the 23d Congress of the CPSU. I. I. Zaitsev. Kauch. i rez. 25 no. 5:52-53 '66.
- RUBBER INDUSTRY—PRODUCTION STANDARDS**
Application of the index of processing cost norms in planning labor productivity. E. D. Smirnova, N. P. Kozlova. Kauch. i rez. 25 no. 5:42-44 '66.
- RUBBER MACHINERY**
Experience in design and manufacture of press molds for rubber sole products. M. S. Kats. Kauch. i rez. 25 no. 5:48-49 '66.
- RUBBER MACHINERY—ELECTRIC DRIVING**
Electric driving of industrial rubber rollers. S. D. Rokhlin. Kauch. i rez. 25 no. 5:51-52 '66.
- RUBBER MACHINERY—TESTING**
Method of determining tensile stresses along the rollers' roll in rubber processing. A. V. Popov, A. N. Levin. Kauch. i rez. 25 no. 5:39-41 '66.
- RUBBERIZED FABRICS**
Adhesion of impregnation rubber compositions to fabrics and cord made from synthetic fibers. S. S. Volutskii, N. L. Garetovskaya. Kauch. i rez. 25 no. 5:27-32 '66.
- RUBENCHIK, LEV IOSIFOVICH, 1890-**
70th birthday and 45th anniversary of scientific pedagogic and social activity of Lev Iosifovich Rubenchik. Member-Correspondent of the Academy of Sciences of the Ukrainian S. S. R. Mikrobiol. zhur. 28 no. 3:90-92 '66.
- RUBIDIUM—ANALYSIS**
Absorption flame photometric determination of rubidium. S. B. Meshkova, I. V. Zelikova, N. S. Poluektov. Zhur. anal. khim. 21 no. 4:405-410 '65.
- RUBIDIUM NICKEL FLUORIDE CRYSTALS**
Magnetic resonance in RbNiF₃ single crystals. E. I. Golovenchits, A. G. Gurevich, V. A. Samina. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 10:408-410 My '66.
- RUBIDIUM NICKEL FLUORIDE CRYSTALS—MAGNETIC PROPERTIES**
The transparent hexagonal ferromagnet RbNiF₃. G. A. Smolenskii and others. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 10:416-419 My '66.
- RUGBY FOOTBALL**
Rugby, a necessary sport. I. U. Dainenko, V. Kletinskii. Grazhd. av. 23 no. 6:31 Je '66.
- RULE OF THE ROAD AT SEA**
Radar and international rules for the prevention of ship collisions. T. B. Vaidanov. Inform. shor. TSNIMF no. 146. Sudovozh. i svyaz' no. 33:50-56 '66.
- ROMANIA—BIBLIOGRAPHY**
[New literature on Rumania] Nov. lit. po Rum. no. 4 '66.
- ROMANIA—COMMUNIST PARTY**
Our trusty support. Paul Ciojocaru. Pari. zhizn' no. 11:57-59 Je '65.
- ROMANIA—EDUCATION**
In the schools of Rumania. S. Iazykov. Nar. obr. no. 5: 102-104 My '66.
Ukrainian and Rumanian schools are united by an old friendship. I. T. Lisevych. Rad. shkola 45 no. 3:96-98 My '66.
- ROMANIA—WORLD WAR, 1939-1945**
Growing crisis of the Rumanian "ruling circle" during the Second World War. N. I. Lebedev. Nov. i novatish. ist. no. 3:84-94 '66.
- RUMEN—MOTILITY**
Change in the motility of the rumen in sheep when using thiopental sodium anesthesia. L. P. Viduts, V. N. Kviatkovskii. Vest. sel'sk'khoz. nauk [Kazakh.]. 9 no. 4: 89-93 Ap '66.
- RUMEN—SURGERY**
Rumenotomy with use of a rubber flap with a double row of suturing loops. V. M. Laksiov. Uch. zap. Viteb. vet. inst. 18:314-320 '64.
- RUMEX**
Study of glycoside isolated from the roots of Rumex confertus Willd. Report No. 3. O. K. Bahrii, P. I. E. Kryvenchuk. Farmatsev. zhur. 19 no. 2:80-84 '64.
- RUNNING**
Makarov, A. N. [Medium and long-distance running] Beg na srednie i dlinnye distantsii. Moskva, Fizkultura i sport, 1966. 189 p.
- RUNOFF**
(see also subdivision under Azerbaijan; Dniester River Watershed; Pripot Valley; Ural Mountains)
Dimakhsian, A. M. [Mudflow radio-signal device] Radio-opovestitel'skaya. Leningrad, Gidrometeoizdat, 1966. 81 p.
Results of studying mechanical and chemical denudation of drainage basins. V. P. Kazarinov, A. E. Kontorovich, L. M. Gerasimova. Sov. geol. 8 no. 9:63-73 S '65.
- RURAL CONDITIONS**
Social structure of the rural population. I. V. Arutunian. Vop. filos. 20 no. 5:51-61 '65.
- RURAL CONSTRUCTION**
(see also subdivision under Abkhazetia, Kazakhstan; Golodnaya Steppe; Omsk Province; Rostov Province)
Following Lenin's course. Sel'strot. 18 no. 4:1-2 Ap '64.
Legal aspects of the property of the interfarm construction organizations. K. Bakryev. Izv. AN Turk. SSR. Ser. obschestv. nauk no. 2:20-35 '66.
Results and prospects of the work of intercollective-farm construction organizations. S. Krasnov. Sel'strot. 18 no. 4:10-20 Ap '64.
- RURAL CONSTRUCTION—FINANCE** see subdivision under Voronezh Province
- RURAL ELECTRIFICATION**
Mobile electric power stations. L. Tarasov. Tekhn. v sel'khoz. 20 no. 4:40-42 Ap '66.
- RURAL LIBRARIES** see subdivision under Kirov Province; Moscow Province; Penza Province; Slavopoli Territory; Vologda Province; White Russia
- RURAL MEDICINE** see Medicine, Rural
- RURAL PLANNING** see subdivision under Omsk Province
- RUSSIA—ARMED FORCES**
Approaching the congress. Tekhn. i voen. 24 no. 1:2-3 Ja '66.
Invincible power of the Soviet state. Voenn.-ist. zhur. 8 no. 4:3-8 Ap '66.
Powerful stride. M. Zakharov. Tekhn. i voen. 24 no. 4:1-9 Ap '66.
The 23d Congress of the CPSU on the further strengthening of Soviet military capacity and increasing the military preparedness of the Soviet Armed Forces. Komm. Vooruzh. Sil 47 no. 10:66-69 My '66.
Under Lenin's banner. D. K. Mas'ko and others. Sov. voen 48 no. 8:2-5 Ap '66.
- RUSSIA—ARMED FORCES—MEDALS, BADGES, DECORATIONS, ETC.**
Grin'ko, A. I., and G. F. Ulaev. [Heroes of the land of Voronezh] Bogatyr'i zemli Voronezhskoi. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 608 p. (CSI-II)
A hero of the struggle for the Soviet regime; information about soldiers and units of the Red Army decorated during the years of the civil war. D. I. Kurlov. Vop. ist. KPSS 10 no. 3:97-98 Mr '66.
- RUSSIA—ARMED FORCES—OFFICERS**
Technical knowledge of the officer. E. Sheherbakov, K. Balals. Tekhn. i voen. 24 no. 4:53-57 Ap '66.
- RUSSIA—ARMED FORCES—POLITICAL ACTIVITY**
Achievements of our servicemen preserve the battle traditions of their units. Komm. Vooruzh. Sil 47 no. 11:65-68 Je '66.
Brief news of party and political work. Komm. Vooruzh. Sil 47 no. 10:93-95 My '66.
Brief news of party and political work. Komm. Vooruzh. Sil 47 no. 11:84-96 Je '66.
Communist Youth League soldiers to the 15th Congress of the All-Union Leninist Communist Youth League. V. G. Mukhortov. Vest. prutivovozd. obr. no. 6:7-10 My '66.
From the editor's mail. Komm. Vooruzh. Sil 47 no. 11: 88 Je '66.
Ideological hardening of the Communists in the prime objective of party organizations. S. Iachenko. Komm. Vooruzh. Sil 47 no. 10:44-47 My '66.
International education of servicemen. M. Arskol'tov, I. Gavrilenko. Komm. Vooruzh. Sil 47 no. 10:34-38 My '66.
The main mission. B. Belavskii. Sov. voen 48 no. 10: 20 My '66.
Salutskii, A. S. [If the war begins tomorrow...] Esli zavtra v pokhod... [Moskva] Molodai gvardia, 1966. 78 p. (Biblioteka komсомольskogo aktivista)
- RUSSIA—ARMED FORCES—SPORTS**
Drill and physical training. V. Poredel'skii. Sov. voen 47 no. 18:37-40 S '65.
Youth advances. Z. Pironov. Sov. voen 47 no. 18:36, 41 S '65.
- RUSSIA—ARMED FORCES—TECHNOLOGICAL INNOVATIONS**
Actuality, concreteness, clearness. N. Schnastnyl, A. Kiselev. Tekhn. i voen. 24 no. 1:68-71 Ja '66.
Inventors exchange experience. A. Soldatov, V. Smirnov. Tekhn. i voen. 24 no. 7:76-79 Ji '65.
"Tekhnika i voennoye" competition. Tekhn. i voen. 24 no. 1:72-73 Ja '66.
- RUSSIA—ARMY—BIOGRAPHY**
Heroes of the civil war. Voenn.-ist. zhur. 8 no. 4:63-72 Ap '66.
- RUSSIA—ARMY—MANAGEMENT**
Network planning. O. Alekseev, V. Staroselskiy. Tekhn. i voen. 24 no. 1:35-40 Ja '66.
Scientific organization of labor. M. Riakovskii. Tekhn. i voen. 24 no. 1:30-34 Ja '66.
- RUSSIA—ARMY—PARACHUTE TROOPS**
For the excellent training of parachute partisans. N. Shehadnov. Komm. Vooruzh. Sil 47 no. 10:30-43 My '66.
- RUSSIA—ARMY—POLITICAL ACTIVITY**
The flow of papers should pass a tight filter. M. Kotvitskii. Komm. Vooruzh. Sil 47 no. 10:71-73 My '66.
Leninist ideology is our weapon. D. Pribytkov. Komm. Vooruzh. Sil 47 no. 11:16-21 Je '66.
So that every soldier may be politically mature. I. U. Lukhanov. Komm. Vooruzh. Sil 47 no. 10:54-57 My '66.
Your duty, young Communist. A. Dmitriev. Sov. voen 47 no. 18:2-3 S '65.
- RUSSIA—ARMY—SPORTS**
Komissarova, A. S., comp. [A common hero; stories about army sportsmen] Obshchennyi gerol; rasskazy ob armyskikh sportmenakh. Moskva, Voenizdat, 1966. 317 p.

RUSSIA—ARMY—TECHNOLOGICAL INNOVATIONS
The best of the district. N. Zav'yalov. Tekh. i vooruzh. 24 no. 4:82-83 Ap '66.

RUSSIA—COMMERCE

By common effort. A. Levin. Part. zhizn' no. 11:37-39 Jo '66.

Communique. Vnesh. torg. 46 no. 5:17-19 '66.

[Economics of Soviet trade] Ekonomika sovetskoi torgovli; uchebnik. 4., pererab. i dop. izd. Moskva, Politizdat, 1965. 446 p.

General plan of the urban trade system. M. Nalbadina. Sov. torg. 39 no. 5:21-25 My '66.

Issuing credit for capital expenditures. A. Peterina. Sov. torg. 39 no. 5:17-21 My '66.

The "Sudimport" on the world market. P. Rezkina. Vnesh. torg. 46 no. 4:34-35 '66.

Trade treaties and agreements. Vnesh. torg. 46 no. 5:48-53 '66.

Under party leadership. Sov. torg. 39 no. 5:1-4 My '66.

What "Prodintorg" does for the Soviet consumer. V. Alekseenko. Vnesh. torg. 46 no. 5:20-21 '66.

RUSSIA—COMMERCE—CZECHOSLOVAKIA

The Soviet-Czechoslovak economic cooperation. R. Shmelev. Vnesh. torg. 46 no. 4:15-19 '66.

RUSSIA—COMMERCE—GREAT BRITAIN

The Russian-British Chamber of Commerce has its 50th anniversary. M. Tomashovskii. Vnesh. torg. 46 no. 4:33 '66.

RUSSIA—COMMERCE—HUNGARY

Unshakable friendship. G. Boldizhar. Vnesh. torg. 46 no. 4:11-14 '66.

RUSSIA—COMMERCE—JAPAN

Important step in the development of economic relations with Japan. Vnesh. torg. 46 no. 5:16 '66.

RUSSIA—COMMERCE—PAKISTAN

The Soviet-Pakistan trade expands. I. Andreev. Vnesh. torg. 46 no. 5:21 '66.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION

Russia (1923- U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics; with amendments adopted at the seventh session of the Sixth Supreme Soviet of the U.S.S.R. Translated from the Russian] Konstitutsiya (amouny zakon) Sotsialisticheskikh Sotsyialisticheskikh Respublik. Sa zmaneniami i dopolneniami, priyatymi na sedom sessii Vysshnogo Soveta SSSR shestogo sozyva 9 i 11 dekabria 1964 goda. Moskva, Politizdat, 1965. 62 p.

RUSSIA—CULTURE

Akademii nauk SSSR. Institut arkheologii. [The culture of ancient Russia] Kul'tura drevnei Rusi. Moskva, Nauka, 1966. 326 p. illus.

RUSSIA—ECONOMIC CONDITIONS

Efforts of the Communist Party to restore and develop the national economy of the U.S.S.R., 1945-1959. A. Sabukov. Komm. Vooruzh. Sil 47 no. 11:74-83 Jo '66.

In one family; figures and facts about the Union Republics. Agitator 34 no. 10:14-31 My '66.

Kharkov, Universitet. [Development of socialist economy in the postwar period] K voprosam razvitiia sotsialisticheskoi ekonomiki i v poslevoennyi period. Kharkov, 1964. 184 p. (CSL-II)

Odesa. Kreditno-ekonomicheskii institut. [Problems of applied economics] Voprosy konkretnoi ekonomiki. [Kiev] Izd-vo Kievskogo univ., 1964- (CSL-II)

Our five-year plan. Sem'ia i shkola 21 no. 4:1 Ap '66.

Plamalak, I. A. [The ABC's of our life] Azbuka nashnii zhizni. Minsk, Belarus', 1965. 118 p.

Saratov. Ekonomicheskii institut. [Collection of articles by young scientific workers] Sbornik statei molodykh nauchnykh rabotnikov. Saratov, Kommunist, 1964. 187 p. (CSL-II)

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Along the Lenin path. Den. i kred. 24 no. 5:3-7 My '66.

By common effort. A. Levin. Part. zhizn' no. 11:37-39 Jo '66.

Carrying out the directives for the new five-year plan is an objective of extreme importance. TSvet, mel. 30 no. 5:1-5 My '66.

Changes in the proportions in the five-year plan. B. Plyshevskii. Agitator 34 no. 10:20-28 My '66.

Creative work of millions. Sois. i trud. 11 no. 5:3-8 '66. Direct contacts and the new system of planning. Part. zhizn' no. 11:32 Jo '66.

Editorial. Ekon. i mat. metod. 2 no. 3:321-326 My-Je '66.

From the directives of the 23d Congress of the Communist Party of the Soviet Union regarding the five-year plan on the national economy of the U.S.S.R. Metalurg 11 no. 5:1 My '66.

The further development of the material and technical foundation of communism in the new five-year plan. O. Nesterenko. Ekon. Rad. Ukr. 9 no. 4:19-25 Ap '66.

Glushkov, A. A. [Lenin's plan for the approach to socialist construction and the struggle of the party for its realization] Leninski plan pristupa k sotsialisticheskoi stroitel'stву i bor'ba partii za ego osushchestvlenie. [Saratov] Izd-vo Saratovskogo univ., 1964. 85 p. (CSL-II)

Great prospects for the development of socialist economy. Ekon. Rad. Ukr. 9 no. 4:1-4 Ap '66.

Important stage in the struggle for communism. Nar. khoz. Kazakh. 24 no. 4:6-15 Ap '66.

The interbranch balance and the national economic plan. B. A. Volchikov. Ekon. i mat. metod. 2 no. 3:430-438 My-Je '66.

Kommunisticheskaya partiia Sovetskogo Soyuza. 23. s'ezd. [Materials of the 23d Congress of the CPSU] Materialy. Moskva, Politizdat, 1966. 303 p.

Kosygin, A. N. [State plan for the development of the national economy of the U.S.S.R. in 1965; a report and closing address at the Fifth Session of the Sixth Supreme Soviet of the U.S.S.R., December 9-11, 1964] O gosudarstvennom plane razvitiia narodnogo khozaistva SSSR na 1965 god; doklad i zaklyuchitel'noe slovo na plenarnoi sessii Vysshnogo Soveta SSSR shestogo sozyva 9 i 11 dekabria 1964 goda. Moskva, Politizdat, 1965. 62 p.

Magnificent plans of the party of Lenin. Radio no. 4:1-2 Ap '66.

Mechanization of planning calculations. V. Bezrukov. Vop. ekon. no. 4:66-72 Ap '66.

[On new paths. . .] Na novykh dorogakh. . . Moskva, Politizdat, 1966. 157 p.

On the path of the building communism. Vop. ekon. no. 4:3-12 Ap '66.

Plans of the party are plans of the people. Ekon. i zhizn' 8 no. 4:3-7 Ap '66.

Program of national action. Avtom. i telem. i svyaz' 10 no. 4:1-3 Ap '66.

The program of our life. Knizh. torg. 17 no. 5:1-4 My '66.

The results are good. P. Tarasiuk. Part. zhizn' no. 11:35-36 Jo '66.

Revolutionary consistency of the party of Lenin. I. Ponomarev. Kommunist 43 no. 8:58-67 My '66.

Toward new successes in the building of communism. Prom. stroi. 43 no. 5:2-3 '66.

Toward new victories of communism! Sov. profsoyuz 22 no. 9:1-3 My '66.

Under party leadership. Sov. torg. 39 no. 5:1-4 My '66.

An unquestionably useful system. V. Mikhailov. Part. zhizn' no. 11:32-35 Jo '66.

RUSSIA—ECONOMIC POLICY—BIBLIOGRAPHY

Booklets on the reform of the national economy. Part. zhizn' no. 11:70-77 Jo '66.

RUSSIA—FEBRUARY REVOLUTION, 1917

History of the "Order No. 1" issued by the Petrograd Soviet. V. Miller. Voenn.-ist. zhur. 3 no. 5:109-113 My '66.

RUSSIA—FOREIGN ECONOMIC RELATIONS

Program of the further development of the foreign economic cooperation of the Soviet Union. Vnesh. torg. 46 no. 4:3-4 '66.

The 23d Congress outlines the foreign economic relations of the U.S.S.R. Vnesh. torg. 46 no. 5:3-5 '66.

RUSSIA—FOREIGN ECONOMIC RELATIONS—UNDER-DEVELOPED AREAS

Fruitful cooperation with developing countries. D. Degtiar'. Vnesh. torg. 46 no. 5:22-29 '66.

RUSSIA—FOREIGN RELATIONS

Elucidate the problems of foreign policy profoundly. N. Shishlin. Agitator no. 3:38-41 F '64.

Toward new victories of communism! Sov. profsoyuz 22 no. 9:1-3 My '66.

RUSSIA—FOREIGN RELATIONS—FAR EAST

Dubinskii, A. M. [Liberation mission of the Soviet Union in the Far East; from the history of the international relations and the national liberation struggle of the peoples of Eastern and Southeastern Asia during the years of the Second World War] Osvozhdeniia natsionalno osvoboditel'noi bor'by narodov Vostochnoi i Južno-Vostochnoi Azii v gody Vtoroi Mirovoi volny. Moskva, Mysl', 1966. 592 p.

RUSSIA—FOREIGN RELATIONS—UNDERDEVELOPED AREAS

Soviet Union as a faithful friend and reliable support of the oppressed nations in their struggle against colonialism and imperialism. R. Kuliev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:3-9 '66.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY

Some problems in Soviet historiography, from 1956-1956. I. L. Sherman. Ukr. ist. zhur. 10 no. 3:119-124 My '66.

RUSSIA—HISTORY

Akademii nauk SSSR. Institut arkheologii. [The culture of ancient Russia] Kul'tura drevnei Rusi. Moskva, Nauka, 1966. 326 p. illus.

Akademii nauk SSSR. Institut istorii. [Cities of feudal Russia; a collection of articles in memory of N. V. Ustugov] Goroda feodal'noi Rossii; sbornik statei pamiati N. V. Ustugova. Moskva, Nauka, 1966. 562 p.

Akademii nauk SSSR. Institut istorii. [History of the U.S.S.R. from ancient times to our day in two series and twelve volumes] Istoriia SSSR s drevneishikh vremen do nashikh dni v dvukh seriakh, v dvadtsati tomakh. Glav. red. sovet. D. N. Ponomarev i dr. Moskva, Nauka.

[First series. Vols. 1-6. From ancient times to the Great October Socialist Revolution] Pervala seria. Toma I-VI. S drevneishikh vremen do Velikoi Oktobr'skoi sotsialisticheskoi revoliutsii. Glav. red. B. A. Rybakov. Vol. 1. Pletneva, S. A., and B. A. Rybakov, eds. Social system of primitive rural communes. The ancient states of Transcaucasia and Central Asia. Ancient Rus' (before the 13th century). Pervobyinoobshchinyi stroi. Drevneishie gosudarstva Zakavkaz'ia i Srednei Azii. Drevnii Rus' (do nachala XIII v.). 1966. 718 p. Brief news. Vop. ist. 41 no. 5:178-180 My '66.

Establishment of the "oprichnina" and the organization of its military units in 1565. R. G. Skrynnikov. Uch. zap. Ped. inst. Gerts. 278:3-86 '65.

On the approaches to cultural revolution. A. V. Lunacharskii. Nar. obr. no. 5:99-101 My '66.

"Red" terrorism of the members of the "Narodnaia volia" group. A. N. Sakharov. Vop. ist. 41 no. 5:122-120 My '66.

[Time, events and people; a chronicle of a glorious forty years] Vremia, sobytia, liudi; khronika slavnogo sorokoletiia. (Moskva, Gos. izd-vo izobraz. iskus., 1957. [8] p. (chiefly illus.))

RUSSIA—HISTORY—SOURCES

Controversial problems of Soviet archaeology. A. I. Gukovskii. Vop. ist. 41 no. 5:65-76 My '66.

RUSSIA—HISTORY—STUDY AND TEACHING

Akademii pedagogicheskikh nauk RSFSR, Moscow.

[Experience in teaching history in schools for backward children; episodic stories from the history of the U.S.S.R.] Opyt prepodavaniia istorii vo vopomogatel'no shkolke; episodicheskie rasskazy po istorii SSSR. Pod red. M. I. Kuz'mitskoi. Moskva, Prosveshchenie, 1964. 64 p. (Pedagogicheskaya biblioteka uchitelia)

Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. [Practical work in the history of the U.S.S.R., course; themes and methodological instructions for the correspondence students of the History Department] Prakticheskie zaniatiia po kursu istorii SSSR; tematika i metodicheskie razrabotki dlia studentov-zaochnikov istoricheskogo fakul'teta. Leningrad, 1965. 87 p.

Let us inculcate our heroic traditions into school children. B. S. Kobzar. Ukr. ist. zhur. 10 no. 5:111-114 My '66.

Terekhov, M. M., comp. [Chrestomathy on outside work; evening sessions on history. Teacher's manual] Khrestomatia po vneklassnoi rabote; shkol'nye istoricheskie vechera. Posobie dlia uchitelia. Izd. 2., ispr. i dop. Moskva, Prosveshchenie, 1964. 402 p. (MH)

RUSSIA—HISTORY, MILITARY

Documentary materials on the patriotism of the Soviet people. G. Rybenkov. Voenn.-ist. zhur. 8 no. 4:109-111 Ap '66.

For the further development of Soviet studies in the field of military history. E. Sakharov. Voenn.-ist. zhur. 8 no. 5:3-9 My '66.

Living memory; a writer's notes. I. Paderin. Agitator 34 no. 11:27-29 Je '66.

M. V. Frunze on the reorganization of the Red Army in 1924 (to be continued). Voenn.-ist. zhur. 8 no. 6:66-75 Je '66.

Strategic guidance of military operations in the autumn and winter of 1918-1919 by V. I. Lenin. A. Golubev. Voenn.-ist. zhur. 8 no. 4:9-23 Ap '66.

RUSSIA—INDUSTRIES

Soviet industry in the new five-year plan and the problems of the statisticians. L. Volodarskii. Vest. stat. no. 5:3-14 '66.

RUSSIA—INTELLECTUAL LIFE

Moscow. *Akademiiia obshchestvennykh nauk.* [From the history of the Soviet intelligentsia] *Iz istorii sovetskoi intelligentsii.* Moskva, Mysl', 1966. 221 p.

RUSSIA—INVASION OF 1812

Elista. *Kalmytskii nauchno-issledovatel'skii institut iazyka, literatury i istorii.* [Kalmyks in the Patriotic War of 1812; a collection of documents] *Kalmyki v Otechestvennoi voine 1812 goda; sbornik dokumentov.* Pod obshchei red. B.S. Sandzhieva. Elista, Kalmogostizdat, 1964. 161 p. (NNC)

RUSSIA—LITERATURES

Moscow. *Akademiiia obshchestvennykh nauk.* [The multinational Soviet novel; characteristics of the development of the modern novel] *Mnogonatsional'nyi sovetskii roman: zakononomernosti razvitiia sovremennogo romana.* Moskva, Mysl', 1966. 306 p.

Romanovskii, O.K. [Memorable landmark; from the history of the formation of Soviet literature] *Znamenna vikhra; z istorii stanovleniia radians'koi literatury.* Kyiv, Dnipro, 1965. 241 p. (InU)

RUSSIA—MANUFACTURES

Light industry in the five-year plan. N. Tarasov. *Sov. torg.* 36 no. 5:5-10 My '66.

RUSSIA—MERCHANT MARINE

Soviet merchant marine.... D.K. Zotov. *Sov. voim.* 47 no. 18:11 S '65.

RUSSIA—NAVY

Deeds of one small unit. V. Ovchinnikov. *Tekh. i vooruzh.* 24 no. 1:5-7 Ja '66.

Firsts in the Soviet Navy. *Mor. sbor.* 49 no. 5:24-25 My '66.

It's time to realize our promises. G. Ditskii. *Koimn. vooruzh. Sil* 47 no. 10:73-74 My '66.

Rubinskii, G.M. [Under the flag of the motherland; notes of a midshipman] *Pod flagom Rodnykh zapiski mlichmana.* Moskva, Voennoe izd-vo, 1964. 277 p. (WU)

The 23d Congress of the CPSU and tasks of sailors. S.G. Gorshkov. *Mor. sbor.* 49 no. 5:13-15 My '66.

With sailors of the two-time Red Banner fleet. *Mor. sbor.* 49 no. 5:14-16 My '66.

RUSSIA—NAVY—AVIATION

Glorious traditions. A.A. Mironenko, B.A. Novikov. *Mor. sbor.* 49 no. 5:21-27 My '66.

Organization of flights and their control under various conditions. V.K. Nedodaev. *Mor. sbor.* 49 no. 5:56-61 My '66.

RUSSIA—NAVY—OFFICERS

Work of the staff officer. G.A. Safronov. *Mor. sbor.* 49 no. 5:43-48 My '66.

RUSSIA—NAVY—POLITICAL ACTIVITY

Against formalism in party political work. I.I. Emelin. *Mor. sbor.* 49 no. 5:49-53 My '66.

We should show concern for and give attention to young Communists. B. Zakharov. *Komm. vooruzh. Sil* 47 no. 11:31-35 Je '66.

RUSSIA—POLITICS AND GOVERNMENT

[Gazette of the Supreme Soviet of the R.S.F.S.R.] *Ved. Verkh. Sov. RSFSR* 10 nos. 16-17, 20-22 Ap - Je '66.

[Gazette of the Supreme Soviet of the U.S.S.R.] *Ved. Te* '66.
 bourgeois parties
 znykh partii v
 (Novoe v zhizni,
 s. 9/19)

...democratic principles to perfection in the Soviet form of state administration] *Sovershenstvovanie demokraticheskikh printsipov v sovetskoi gosudarstvennom upravlenii.* [Moskva] *Izd-vo Mosk. univ.*, 1966. 346 p.

Our Soviet democracy. In the notebooks of the propagandists and lecturers. *Kommunist* 43 no. 8:81-83 My '66.

The role and prospects of the national Soviet state in the process of the building of communism. D.S. Kiselev. *Izv. AN Turk. SSR. Ser. obshchestv. nauk* no. 2:10-16 '66.

Soviet democracy is an important factor in the building of communism. B. Babli. *Komm. Ukr.* 40 no. 5:28-36 My '66.

The 23d Congress of the CPSU and the problems of the Soviet socialist state and law. *Sov. gos. i pravo* 36 no. 5:3-11 My '66.

RUSSIA—REBELLION OF STENKA RAZIN, 1667-1671

Ludwig Fabritius' account of the peasant war led by S. Razin. A.G. Man'kov. *Vop. ist.* 41 no. 5:202-205 My '66.

RUSSIA—RELATIONS (GENERAL)—WITH BULGARIA

The role of the Union of Bulgarian-Soviet Societies in the strengthening of friendship and brotherhood among the peoples of the Soviet Union and the People's Republic of Bulgaria. V.A. Avdeev. *Uch. zap. Ped. inst. Gerts.* no. 288:221-238 '66.

RUSSIA—RELATIONS (GENERAL) WITH EAST GERMANY

[Like brothers: Donetsk - Magdeburg; a collection of essays, reports, and correspondence on the friendly relations between the workers of the Magdeburg District and Donetsk Province] *Pobratimyy: Donetsk - Magdeburg; sbornik ocherkov, reportazhov, korrespondentsii o družebnykh svyaziakh truzhenkov Magdeburgskogo okruga i Donetskoi oblasti.* Donetsk, Donbass, 1965. 203 p.

Visiting German friends. V. Oranzhereva. *NTO* 8 no. 5:58-59 My '66.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Soviet scholars as guest professors of foreign universities. B.U. *Nov. i noveish. ist.* no. 3:195 '66.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

Rabelais was right. I.I.ia Ehrenburg. *Nov. vrem.* 23 no. 24:4-5 Je '66.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

Liuisternik, E.I.A. [Russian-Indian economic, scientific and cultural relations in the 19th century] *Russko-indiiskie ekonomicheskie, nauchnye i kul'turnye svyazi v XIX v.* Moskva, Nauka, 1966. 222 p.

RUSSIA—RELATIONS (GENERAL) WITH ITALY

Friendship is there where truth is. V.I. Pimenov. *Teatr* 25 no. 9:107-116 S '64.

RUSSIA—RELIGION

Atheists and religious people; letters to the editor. *Part. zhizn'* no. 11:57-60 Je '66.

Solov'ev, V.S. [The Russian idea. Translated from the French] *Russkaia idea.* [2., fototipicheskoe izd. Bruzelles, Zhizn' s Bogom, 1964] 31 p.

RUSSIA—REVOLUTION OF 1905

Demochkin, N.N., L.K. Ertman, and E.D. Chermenski. [The Revolution of 1905-1907 in Russia; a manual for teachers] *Revolutsiia 1905-1907 gg. v Rossii; posobie dlia uchitelei.* Moskva, Prosveshchenie, 1965. 238 p. maps (insert)

Suvorov, K.I. [Relocation of the center of the world revolutionary movement into Russia; on the 50th anniversary of the first Russian Revolution] *Peremeshchenie tsentra mirovogo revoliutsionnogo dvizheniia v Rossiiu; k 50-letiiu pervoi russkoi revoliutsii.* Moskva, Mysl', 1966. 52 p.

RUSSIA—REVOLUTION, 1917-1921

Committees of War and the Revolution at the Southwestern and Rumanian Fronts, October 1917-February 1918. A.B. Tkachuk. *Ukr. ist. zhur.* 10 no. 5:65-81 My '66.

Despite the barking of pistols. R. Kovnator. *V mire kul'* 6 no. 4:4-5 Ap '66.

Gileva, E.I. [Party's struggle for the development of the socialist revolution and the strengthening of the Soviet regime, October 1917-1918] *Bor'ba partii za razvitiie sotsialisticheskoi revoliutsii i uprochnenie Sovetskoi vlasti (Oktinbr' 1917 g. - 1918 g.).* Moskva, Politizdat, 1966. 45 p. (Uchebno-metodicheskie posobiia k izucheniiu istorii KPSS)

A hero of the struggle for the Soviet regime; information about soldiers and units of the Red Army decorated during the years of the civil war. D.I. Kurtov. *Vop. ist. KPSS* 10 no. 3:97-98 Mr '66.

Lepeshkin, A.I. [Soviets, the power of the workers, 1917-1936] *Sovety - vlast' trudiaslichkhsia, 1917-1936.* Moskva, Iuridicheskaiia literatura, 1966. 574 p.

A May Day subbotnik in the Kremlin. I.I. Geller. *Vop. ist.* 41 no. 5:207-208 My '66.

Questionnaires of the Red Guards as a source of history. G.A. Tsygkin. *Vop. ist.* 41 no. 5:199-202 My '66.

Sosnova, G.S., and E.I. Stroganova. [V.I. Lenin on the ways of the development of the socialist revolution and the possibility of its peaceful victory in Russia] *V.I. Lenin o putiakh razvitiia sotsialisticheskoi revoliutsii i vozmozhnosti ee miroi pobedy v Rossii.* [Saratov] *Izd-vo Saratovskogo univ.*, 1965. 70 p. (CSH-II)

RUSSIA—REVOLUTION, 1917-1921—NAVAL OPERATIONS

Ready to fight today also. I.U. Smirnov. *Agitator* 34 no. 10:36-37 My '66.

RUSSIA—SOCIAL CONDITIONS

Moscow. *Akademiiia obshchestvennykh nauk.* [From the history of the Soviet intelligentsia] *Iz istorii sovetskoi intelligentsii.* Moskva, Mysl', 1966. 221 p.

RUSSIA—SOCIAL LIFE AND CUSTOMS

Tokarov, S.A. [History of Russian ethnography; the period before the October Revolution] *Istoriia russkoi etnografii, dooktiabr'skii period.* Moskva, Nauka, 1966. 455 p.

RUSSIA—STATISTICS

Ezhov, A.I. [System and methodology of the indices of Soviet statistics] *Sistema i metodologiya pokazatelei sovetskoi statistiki.* Moskva, Statistika, 1965. 371 p.

RUSSIA—VIEWS

[Time, events and people; a chronicle of a glorious forty years] *Vremia, sobytia, liudi; khronika slavnogo sorokletiiia.* [Moskva, Gos. izd-vo izobraz. iskus., 1957. 9] p. (chiefly illus.)

RUSSIA, NORTHERN—BUILDING

Architecture and construction in the North. P. Sebelev. *Inform. blul. VDNKH* no. 5:17-19 My '66.

RUSSIA, NORTHERN—CITY PLANNING

Architectural and spatial composition of settlement beyond the Arctic Circle. A. Kiba'chich, V. Platonov. *Arkh. SSSR* no. 3:54-56 '66.

How should one build settlements in the Far North? V. Tankian. *Arkh. SSSR* no. 3:50-53 '66.

RUSSIA, NORTHERN—DEER

Let us talk about the resources of the North. S. Bykov. *Zakup. sel'khoz. prod.* no. 4:19-21 Ap '66.

RUSSIA, NORTHERN—EARTH DAMS

Field investigations of the stability of earth screens of dams in the Far North. G.I. Trunkov. *Trudy LPI* no. 257:121-127 '65.

RUSSIA, NORTHERN—FUR TRADE

Let us talk about the resources of the North. S. Bykov. *Zakup. sel'khoz. prod.* no. 4:19-21 Ap '66.

RUSSIA, NORTHERN—OLETHREUTIDAE

Laspeyresia zebana Ratz. in the north of its range. L.V. Polrovskaiia. *Zool. zhur.* 45 no. 4:611-612 '66.

RUSSIA, NORTHERN—TUBERCULOSIS

Mazina, E.G. [Tuberculosis in children and adolescents in the Far North] *Tuberkulez u detei i podrostkov na Kraiame Severe.* Moskva, Meditsina, 1966. 102 p. (Biblioteka prakticheskogo vracha) (DNL-M)

RUSSIA, NORTHERN—VESUVIANITE

Study of vesuvianites from skarns in the northeastern regions of the U.S.S.R. A.A. Brovkin, I.IA. Nekrasov, G.V. Ozolenskaiia. *Rent. min. syr.* no. 4:75-83 '64.

RUSSIA, NORTHWESTERN—FLYCATCHERS

Flycatcher. V. Shevchik. *Zashch. rast.* 11 no. 5:41-42 '66.

RUSSIA, NORTHWESTERN—MERCHANT SHIPS—PASSENGER ACCOMMODATION

Passenger vessels-hotels. A. Mataveiko, A. Khvatov. *Rech. transp.* 25 no. 4:15-16 '66.

RUSSIA, NORTHWESTERN—PARASITES—CATTLE

Demodex infection of cattle in the northwestern zone and Central Asian Republics. D.K. Polnikov. *Trudy VNIIVS* 16:10-14 '66.

RUSSIA, SOUTHERN—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Effect of local conditions on the characteristics of dwellings in the Third Design and Construction Area. V.V. Kolesnikov. *Stroi. i arkh.* [Sbornik] no. 4:5-19 '66.

RUSSIA, SOUTHERN—ETHNOLOGY

Neighbors of the Khazars. L.N. Gumilev. *Strany i nar.* *Vost.* no. 4:127-142 '65.

RUSSIA, SOUTHERN—GEOLOGY, STRATIGRAPHIC

Pleistocene Ostracoda in the southwestern part of the U.S.S.R. and their significance for stratigraphy. G.F. Smeldner, N.A. Konstantinova. *Blul. Kom. chetv. per.* no. 32:30-39 '66.

RUSSIA, SOUTHERN—OSTRACODA, FOSSIL

Pleistocene Ostracoda in the southwestern part of the U.S.S.R. and their significance for stratigraphy. G.F. Smeldner, N.A. Konstantinova. *Blul. Kom. chetv. per.* no. 32:30-39 '66.

RUSSIAN DRAMA—ABSTRACTS

[Information index of dramatic works] *Inform. spl. dram. proizved.* nos. 1/2-11/12 Ja-D '65; nos. 1-2/3 Ja-Mr '66.

RUSSIAN LANGUAGE—BIBLIOGRAPHY see Bibliography—Russian Language

RUSSIAN LANGUAGE—CASE

Fidrovskaiia, A.S. [Masculine nouns ending in -a in the nominative plural; practice in normative study] *Imena mužskhstvitel'nye mužskogo roda s formami na -a v imenitel'nom padzhe mnozhestvennogo chisla; opyt normativnogo izucheniia.* [Kazn'] *Izd-vo Kazanskogo univ.*, 1961. 78 p.

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—OSSETIC

Tokazov, Kh. A. [Russian-*Ossetic* phrase book with a short guide through North Ossetia] *Russko-ossetinskii razgovornik s kratkim putevoditelem po Severnoi Osetii*. 2. izd. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1984. 230 p. fold. map.

RUSSIAN LANGUAGE—DIALECTS

Dialectal forms of the non-thematic verbs "dati" and "est'": based on the Russian language. V. K. Sorokina. *Izv. AN SSSR, Ser. lit. i jaz.* 25 no. 2:142-149 Mr-Apr '66.

RUSSIAN LANGUAGE—DICTIONARIES

[Brief dictionary of foreign words] *Kratkii slovar' inostrannykh slov*. Sost. S. M. Likshina. Moskva, Sovetskaya Entsiklopediya, 1966. 384 p.

Dictionaries as your assistants. R. Kondrat'eva. *Doshk. vosp.* 39 no. 4:70-71 Apr '66.

RUSSIAN LANGUAGE—DICTIONARIES—ITALIAN

Rosenfal', D. E., comp. [Practical Russian-Italian dictionary. 13,500 words] *Dizionario pratico russo-italiano*. Contiene 13500 voci. Include come appendice un compendio di grammatica russa preparato da A. Zaitznik. Moskva, Sovetskaya Entsiklopediya, 1966. 712 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

[Brief dictionary of foreign words] *Kratkii slovar' inostrannykh slov*. Sost. S. M. Likshina. Moskva, Sovetskaya Entsiklopediya, 1966. 384 p.

RUSSIAN LANGUAGE—NOUN

Fedorovskii, A. S. [Masculine nouns ending in -a in the nominative plural; practice in normative study] *Imena sushchestvitel'nye mužskogo roda s formami na -a v imenitel'nom padezhe množestvennogo čisla; opyt normativnogo izučeniia*. [Kazan'] *Izd-vo Kazanskogo univ.*, 1961. 76 p.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Ivanova, V. F. [Present-day Russian; its writing and orthography] *Sovremennyi russkii yazyk; grafika i ortografiia*. Moskva, Prosveshchenie, 1966. 254 p.

RUSSIAN LANGUAGE—PHONETICS

Pepov, V. M. [Phonetics of the Russian literary language with elements of the Uzbek] *Fonetika russkogo literaturnogo yazyka s elementami uzbekskogo*. Tashkent, *Izd-vo "Nauka" UzSSR*, 1965. 142 p.

RUSSIAN LANGUAGE—PRONUNCIATION

Korkina, Z. A. [Differentiation of sounds; a textbook for corrective speech instructors and teachers] *Differentsiatsiia zvukov; posobie dlia logopedov i uchitelei*. Moskva, Prosveshchenie, 1965. 1 v. [Text] 15 p.

RUSSIAN LANGUAGE—STUDY AND TEACHING

Boskis, R. M., and K. G. Korovin. [Methodological manual for the Russian language textbook used in the first grade of schools for children with impaired hearing (2d section)] *Metodicheskoe rukovodstvo k učebniku russkogo yazyka dlia 1 klassa shkoly slaboslyshchikhkh (2-e otdelenie)*. Moskva, Prosveshchenie, 1966. 71 p.

Prevention of poor progress in the Russian language. L. K. Nazarova. *Nach. shkola* 34 no. 5:38-43 May '66.

RUSSIAN LANGUAGE—STYLE

Vasil'eva, A. N. [Stylistic analysis of the language of a literary work; a textbook for foreign philologists studying Russian] *Stilisticheskii analiz yazyka khudozhestvennogo proizvedeniia; posobie dlia inostranstev-filologov, izuchaiushchikh russkii iazyk*. [Moskva] *Izd-vo Mosk. univ.*, 1966. 251 p.

RUSSIAN LANGUAGE—SYNTAX

Akademiia nauk SSSR. Institut russkogo yazyka. [Development of the syntax of modern Russian] *Razvitiie sintaksisa sovremennogo russkogo yazyka*. Moskva, Nauka, 1966. 222 p.

Mrelashvili, T. N. [Types of complex sentences in the language of N. V. Gogol'] (Evenings on a farm near Dikan'ka) *Vidy slozhnopodchinennogo predlozheniia v iazyke N. V. Gogolia (Vechera na khutore bliz Dikan'ki)*. Tbilisi, *Izd-vo Tbilisskogo gos. univ.*, 1960. 396 p. (RPB)

Prokopovich, N. N. [Word combination in present-day literary Russian] *Slovooschetanie v sovremennom literaturnom iazyke*. Moskva, Prosveshchenie, 1966. 398 p.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Bash, E. G., and others. [Textbook of the Russian language for foreign students studying at preparatory faculties of higher schools of the U.S.S.R.] *Uchebnik russkogo yazyka dlia studentov inostranstev, obuchaiushchikhia na podgotovitel'nykh fakul'tetakh vuzov SSSR*. Moskva, Vysshaya shkola, 1965. 2 p. (CaOTU)

RUSSIAN LANGUAGE—VERB

Dilekhtina, G. A., L. S. Murav'eva, and L. P. Rudina, comps. [Usage of the verbs of motion in Russian] *Upotreblenie glagolov dvizheniia v russkom iazyke*. [Moskva] *Izd-vo Mosk. univ.*, 1965. 101 p.

Dialectal forms of the non-thematic verbs "dati" and "est'": based on the Russian language. V. K. Sorokina. *Izv. AN SSSR, Ser. lit. i jaz.* 25 no. 2:142-149 Mr-Apr '66.

RUSSIAN LANGUAGE—WORDS

Akademiia nauk SSSR. Institut russkogo yazyka. [Norms of present-day Russian literary word usage] *Normy sovremennogo russkogo literaturnogo slovoupotrebleniia*. Moskva, Nauka, 1966. 152 p.

Prokopovich, N. N. [Word combination in present-day literary Russian] *Slovooschetanie v sovremennom literaturnom iazyke*. Moskva, Prosveshchenie, 1966. 398 p.

RUSSIAN LITERATURE—ADDRESSES, ESSAYS, LECTURES

[At the sources of wonder; a literary collection] *U isto-kov chuda; literaturno-khudozhestvennyi sbornik*. [Leningrad] *Lentdat*, 1965. 323 p. (NNC)

Shegolev, M. A. [Articles of literary criticism; from diaries and letters] *Literaturno-kriticheskie stat'i; iz dnevnikov i pisem*. [Izd. 2., popolnennoe] Moskva, Sovetskii pisatel', 1965. 437 p. (MII)

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—HISTORY AND CRITICISM

(see also subdivision under Siberia; Ural Mountain region)

Ait'fonsov, V. N. [Words and colors; essays on the history of the creative ties between poets and artists] *Slova i kraski; ocherki iz istorii tvorcheskikh svyazoi poetov i khudozhnikov*. Moskva, Sovetskii pisatel', 1966. 240 p.

Anshitskii, L. A. [Kernel of the nut; critical essays] *Yadro orekha; kriticheskie ocherki*. Moskva, Sovetskii pisatel', 1965. 221 p. (CU) (NNC)

Fainberg, L. L. [History of a manuscript; stories of a literary scholar] *Istoriia odnoi rukopisi; rasskazy literaturoveda*. Moskva, Sovetskaya Rossiia, 1963. 157 p. [MICROFILM]

Klimentko, M. L., ed. [Problems of Soviet literature] *Voprosy sovetskoi literatury*. Khabarovsk, Khabarovskii gos. pedagog. in-t, 1965. 188 p. (MII)

Russand, S. B. [A book about the reader] *Kniga pro chitatelia*. Moskva, Iskustvo, 1965. 205 p. (IEN)

They tried to use from Voronezh. *V mire knig* 6 no. 4: 20-27 Apr '66.

Zaverin, M. Z. [The search is not exhausted; lessons learned from some literary discussions] *Ne ischerpan potek; uroki neskol'kikh literaturnykh diskussii*. Tbilisi, Literatura za khlovnika, 1965. 263 p. (NoU)

RUSSIAN LITERATURE—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow, Institut natsional'nykh shkol. [From experience in the study of Russian literature in non-Russian schools] *Iz opyta izucheniia russkoi literatury v nerusskoi shkole*. Pod red. N. V. Taldina i E. V. Efremovoi. Moskva, *Izd-vo Akad. pedagog. nauk RSFSR*, 1962. 37 p. (Pedagogicheskoe chleniia) (NN)

Developing the moral and aesthetic views of upperclassmen. R. V. Rivina. *Sov. pedagog.* 30 no. 4:63-70 Apr '66.

RUSSIAN NEWSPAPERS

(see also subdivision under Baku; Saratov Province) *My "declaration of love" to "Komsomol'skaya pravda"*. Aleksandr Mikhailovich, *Sov. pech.* no. 5:32-35 May '66. A page from the history of our press. *Sov. pech.* no. 5: 50 May '66. Preparing for the celebration of the 50th anniversary of the Great October Revolution. *Part. zhizn'* no. 11:74-75 Ja '66.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles] *Let. gazeti. st. noa. 4-5 '66*.

RUSSIAN PERIODICALS

Akademiia nauk SSSR. Institut istorii. [Pollarnaia zvezda, A. L. Gertsen and N. P. Ogarev's journal in eight books; 1855-1869. Free Russian Press, London - Geneva] *Pollarnaia zvezda, zhurnal A. L. Gertsena i N. P. Ogareva v vos'mi knigakh 1855-1869. Vol'naya russkaya tipografiia, London-Zheneva. Faksimil'noe izdanie*. Moskva, Nauka. Book 9. [Supplements; Pollarnaia zvezda for 1855. First book, London] *Priizheniia: Pollarnaia zvezda na 1855. Kniga pervaya*, London, 1966. 245 p.

"Niva" [The field] still hasn't found its proper field. P. Aleksandrov. *Sov. pech.* no. 5:35-38 May '66.

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] *Let. zhur. st. nos. 16, 22 '66*.

RUSSIAN PLATFORM—FORAMINIFERA, FOSSIL

Some characteristics of Foraminifera in the marginal part of the Kazan' basin. K. V. Mikhukho-Makla. *Trudy VSEGEI* 115:114-125 '65.

RUSSIAN PLATFORM—GAS, NATURAL—GEOLOGY

Khalurin, D. S. [Oil and gas occurrences, formation of geological structure, and sedimentation] *Neft'gazonosnost', formirovaniie geologicheskoi struktury i osadkonakoplenie*. Moskva, Nedra, 1966. 194 p.

RUSSIAN PLATFORM—ORE DEPOSITS

Complex metal mineralization of the northeastern part of the Russian Platform and adjacent mobile fold zones. L. M. Dmitriev. *Sov. geol.* 8 no. 9:142-148 S '65.

RUSSIAN PLATFORM—PETROLEUM GEOLOGY

Khalurin, D. S. [Oil and gas occurrences, formation of geological structure, and sedimentation] *Neft'gazonosnost', formirovaniie geologicheskoi struktury i osadkonakoplenie*. Moskva, Nedra, 1966. 194 p.

RUSSIAN POETRY—HISTORY AND CRITICISM

From every corner of Russia. V. Fedorov. *V mire knig* 6 no. 4:34-35 Apr '65.

Karlov, A. S. [Verse and the times; problems of the development of versification in Soviet Russian poetry of the 1920's] *Sukh i vremia; problemy stikhotvornogo razvitiia v russkoi sovetskoi poezii 20-kh godov*. Moskva, Nauka, 1966. 402 p.

Ozerov, L. A. [Work, passion, inspiration] *Trud, strast', vdukhovlenie*. Moskva, Znaniie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. VI Seria: Literatura i iskustvo, no. 7)

Pavlovskii, A. I. [The contemporary poets; VI. Lugovskoi, Ol'ga Berggol'ts, Anna Akhmatova, Nazym Khikmet, Nikolai Zabolotskii, E. Mezhlaitis, Boris Ruch'ev] *Poety-sovremenniki; VI. Lugovskoi, Ol'ga Berggol'ts, Anna Akhmatova, Nazym Khikmet, Nikolai Zabolotskii, E. Mezhlaitis, Boris Ruch'ev*. Moskva, Sovetskii pisatel', 1966. 267 p.

Their second profession. I. U. Saenko. *V mire knig* 6 no. 4:31 Apr '66.

RUSSIAN POETRY—TRANSLATIONS INTO ARMENIAN

Simonova, A. K. [Articles of literary criticism] *Literaturno-kriticheskie stat'i*. Erevan, Mulk, 1965. 251 p.

RUSSIAN SOCIAL DEMOCRATIC PARTY

(see also subdivision under Baku; Ulyanovsk)

First resolution of the Bureau of the Central Committee of the Russian Social Democratic Party (Bolshevik) in March 1917. V. A. Lavrin. *Vop. ist. KPSS* 10 no. 3:105-111 Mr '66.

How V. I. Lenin worked out the prerevolutionary tactic of the unity of the revolution and democratic forces. P. S. Sokhan'. *Ukr. ist. zhur.* 10 no. 5:3-14 May '66. The Kienthal Conference. L. A. Slepov, I. A. G. Temkin. *Nov. i noveish. ist.* no. 3:22-36 '66.

Lenin's program of action. The leader's return. *Vop. ist. KPSS* 10 no. 3:42-53 Mr '66.

A page from the history of our press. *Sov. pech.* no. 5: 50 May '66.

Suvorov, K. I. [Relocation of the center of the world revolutionary movement into Russia; on the 60th anniversary of the first Russian revolution] *Peremeshcheniie tsentra mirovogo revoliutsionnogo dvizheniia v Rossiiu; k 60-letiiu pervoi russkoi revoliutsii*. Moskva, Mysl', 1966. 52 p.

RUSSIAN STUDIES see subdivision under United States

RUSTS (FUNGI)

Corn rust. E. Rudinev, A. Motovilin. *Zashch. rast.* 11 no. 5:56 '66.

RUTHENIA see Transcarpathia

RUTHENIUM COMPOUNDS

Hydrolysis of nitrate complexes of nitrosoruthenium. B. P. Nikol'skii, E. I. Il'enko. *Radiokhimiia* 8 no. 2: 180-187 '66.

RUTHERFORD, ERNEST RUTHERFORD, 1871-1937

Rutherford and Bohr. D. S. Danin. *Priroda* 55 no. 5:100-108 May '66.

RYAZAN PROVINCE—MAPS

Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografi. [Atlas of Ryzan Province] *Atlas Riazanskoi oblasti*. Moskva, 1965. 35 p. (VIU)

RYDAL'CHENKO, SVEVOLOD PETROVICH, 1904-

Recreating the poet's image. *IU. Malyshev. Sov. muz.* 30 no. 4:22-26 Ap '63.

RYAZAN--RADIO CLUBS

The program has become more complicated. *N. Kazanski. Radio* no. 4:9 Ap '66.

The source of all troubles. *N. Koltarov. Radio* no. 4:11 Ap '66.

SACROCOCCYGEAL REGION--SURGERY

Surgical treatment of some diseases of the sacrum and retrorectal space. *M. I. Brusilovskii. Khirurgiya* 42 no. 2:145-147 F '66.

SAIGA see subdivision under Barsa-Kel'mes Preserve

SAILING see subdivision under Estonia

SAIMAA CANAL

Origin of the Saimaa Canal; an interview. *G. Plasetkil. Nov. vrem.* 23 no. 24:11-12 Je '66.

SAKHALIN--ELECTROMAGNETIC PROSPECTING

Results of the magnetotelluric sounding in the northern part of Sakhalin. *I. L. Alperovich, V. E. Kononov. Geol. i geofiz.* no. 2:107-110 '66.

SAKHALIN--EROSION

Mizerov, A. V. [Soil erosion in the southern Far East and on Sakhalin Island and measures for its control] *Erozia pochv iuga Dal'nego Vostoka i ostrova Sakhalina i mery bor'by s nei.* Moskva, Nauka, 1966. 151 p.

SAKHALIN--GEOLOGY, STRATIGRAPHIC

Paleogene sediments in the eastern wing of the western Sakhalin anticlinorium. *A. E. Egorov and others. Geol. i geofiz.* no. 2:139-142 '66.

SAKHALIN--MOLLUSKS, FOSSIL

New data on the hinge apparatus of some Late Cretaceous Splenoceramidae. *V. S. Glazunov. Trudy VSEGEI* 115:170-187 '65.

SAKHALIN--MYTILACEA, FOSSIL

New Late Cretaceous Inoceramus of Sakhalin. *T. D. Zonova. Trudy VSEGEI* 115:186-197 '65.

SAKSAUL see subdivision under Kazakhstan; Turkmenistan

SALAIR RANGE--DIKES (GEOLOGY)

Relationship between dikes and mineralization in the Salair ore zone. *Geol. i geofiz.* no. 2:143-149 '66.

SALAIR RANGE--MINERALS

Relationship between dikes and mineralization in the Salair ore zone. *A. S. Lapukhov, V. N. Sharapov. Geol. i geofiz.* no. 2:143-149 '66.

SALAIR RANGE--TRILOBITES

New genus and new species of Lower Devonian and Eifelian *Dechenellidae* (Trilobites). *E. A. Elkin. Geol. i geofiz.* no. 2:23-30 '66.

SALAVAT (BASH KIRIA)--PETROCHEMICAL PLANTS

In the fight for quality of petroleum products. *M. Ismagilov. Neftianik* 10 no. 5:28-29 My '65.

SALGIR VALLEY--SOILS

Agrophysical characteristics of soils in the lower Salgir Valley. *P. G. Gusev. Pochvovedenie* no. 5:66-72 My '66.

SALINE AND ALKALI SOILS

(see also subdivision under Caspian Sea region)

Effect of the leveling and second salinization of soil on the yield of rice. *V. N. Ivanov, I. U. F. Ianichkovskii. Gidr. i mel* 18 no. 5:22-24 My '66.

Effectiveness of the summer and winter leaching of salinized soils. *A. K. Levkovskii. Gidr. i mel* 18 no. 5:25-32 My '66.

SALIVARY GLANDS

Interocclusive influences from the stomach on the salivary glands in children. *M. B. Kossura. Fiziol. zhur.* 52 no. 5:535-538 My '66.

Secretion of chlorine, orthophosphate, sulfate, sodium, zinc and thiamine by the salivary glands. *I. U. A. Petrovich. Fiziol. zhur.* 50 no. 11:1393-1399 N '64.

Temperature variation curve of the salivary glands in dogs at rest in the absence of alimentary stimulation. *N. I. Yakoliuk. Fiziol. zhur.* 52 no. 5:529-533 My '66.

SALIVARY GLANDS--BLOOD SUPPLY

Arterial system of the submaxillary salivary gland of a horse. *I. A. L. Zdanovskaya. Trudy Mosk. vet. akad.* 10:297-304 '66.

SALIVARY GLANDS--INNERVATION

Role of the sympathetic nervous system in the mechanism of the action of cobalt and manganese on the function of salivary glands. *N. S. El'tsov. Uch. zap. Viteb. vet. inst.* 18:193-201 '64.

SALIVARY GLANDS--SURGERY

Effectiveness of Grenz-ray irradiation of tumors of the salivary glands during surgery. *M. A. Moskalenko. Azerb. med. zhur.* 41 no. 6:31-40 Je '64.

SALIVARY GLANDS--TUMORS

Effectiveness of Grenz-ray irradiation of tumors of the salivary glands during surgery. *M. A. Moskalenko. Azerb. med. zhur.* 41 no. 6:31-40 Je '64.

SALMON

Release of young pink and chum salmon from hatcheries. *S. P. Volovik. Ryb. khoz.* 42 no. 4:13-14 '66.

Temperature balance in chum and pink salmon cultivation. *A. N. Kunk'ev. Ryb. khoz.* 42 no. 4:10-12 '66.

Use of bombarded meal in salmonid culture. *M. K. Tshirnova. Ryb. khoz.* 42 no. 4:15-17 '66.

SALMON FISHERIES see subdivision under Volonga River

SALMONELLA

Case of food toxoinfection caused by eating compute made from dried fruit. *L. C. Likutova, L. D. Feoktistova. Zhur. mikrobiol., epid. i immun.* 41 no. 8:117-120 Ag '64.

Chemical composition and immunogenic properties of paratyphoid A antigens. *N. I. Kovaleva, N. V. Khaitun-tseva. Zhur. mikrobiol., epid. i immun.* 41 no. 7:29-33 Ji '64.

Comparative study of methods for the detection of dissociation phases in *Salmonella*. *V. V. Kovaleva. Zhur. mikrobiol., epid. i immun.* 43 no. 4:125-129 Ap '66.

Dehydrogenase activity of *Salmonella* of typhoid fever and murine typhus of various virulence. *T. I. Larionova, V. G. Petrovskaya, L. M. Filippova. Vop. med. khim.* 12 no. 3:273-278 My-Je '66.

Development of resistance to antibiotics and the characteristics of paratyphoid D pathogens of various phage types. *G. M. Adomonte. Antibiotiki* 11 no. 4:364-368 Ap '65.

Diagnostic significance of the Widal reaction in food poisoning of *Salmonella* etiology. *E. G. Mel'nik, I. U. M. Mikhailova, E. A. Ginzburg. Zhur. mikrobiol., epid. i immun.* 41 no. 7:113-117 Ji '64.

Surface antigen of paratyphoid B bacteria. Report No. 1. *L. K. Stepanova and others. Zhur. mikrobiol., epid. i immun.* 41 no. 7:43-47 Ji '64.

SALMONELLA--CULTURES AND CULTURE MEDIA

Mechanism of the mutagenic action of 5-bromouracil. Report No. 1: Chromatographic analysis of the ribonucleic acid of *Salmonella typhimurium* 70, grown in the presence of 5-bromouracil. *V. N. Pokrovskii. Zhur. mikrobiol., epid. i immun.* 41 no. 7:51-53 Ji '64.

Simple-structure media for the preservation of typhoid cultures subject for phage typing. *B. V. Karal'nik, N. V. Kolubakina. Lab. delo* no. 4:238-241 '66.

SALMONELLA INFECTIONS

(see also subdivision under Typhs)

Rare forms of salmonellosis. *R. I. Rudakova. Zhur. mikrobiol., epid. i immun.* 41 no. 8:134-135 Ag '64.

Role of man in the epidemiology of *Salmonella* infections. *A. D. Zherikova, N. A. Sokolova, R. M. Dovyshik. Zhur. mikrobiol., epid. i immun.* 41 no. 7:75-79 Ji '64.

Some problems concerning the clinical aspects, diagnosis and treatment of salmonellosis. *V. I. Rabonovich, E. A. Revzina. Zhur. mikrobiol., epid. i immun.* 41 no. 8:31-35 Ag '64.

Use of a model of *Salmonella* infection for the analysis of typhoid immunity, applying the bacteremia test and in experiments of passive immunization. *N. V. Lyovskaya. Zhur. mikrobiol., epid. i immun.* 43 no. 4:31-34 Ap '66.

SALT DEPOSITS see subdivision under Pripet Valley

SALT DOMES see subdivision under Dnieper-Donets Lowland

SALT INDUSTRY see subdivision under Kara-Bogaz-Gol (Gulf); Staraya Russa (Novgorod Province)

SALTS

Effect of the additions of soluble inorganic salts on the strength and degree of interaction of components of a silicate concrete obtained by autoclave hardening. *E. S. Savin, B. M. Butt, V. M. Kolbasov. Trudy MKHTI* no. 45:45-54 '64.

Effect of the nature of cation salt on the kinetics of pheophytinate formation in ethanol. *B. D. Berezin, N. I. Sosnikova. Kin. i kat.* 7 no. 2:249-253 Mr-Apr '66.

SALTS--ANALYSIS

Accelerated method for microdetermination of potassium iodide in iodized common salt. *L. N. Lapin, N. V. Reits. Vop. pit.* 23 no. 4:59-63 Ji-Ag '64.

SALVAGE see subdivision under Caspian Sea; Tsomes Bay

SALVENE

Study of some properties of salvene. *A. K. Nehrash and others. Mikrobiol. zhur.* 28 no. 2:83-87 '66.

SAMARKAND PROVINCE--COLLECTIVE FARMS--MANAGEMENT

Sharp bend; a sequel. *A. Komarovskii, S. Uamanov. Ekon. i zhizn'* 8 no. 4:62-69 Ap '66.

SAMARKAND PROVINCE--COMMUNIST PARTY OF THE SOVIET UNION--PARTY WORK

Sharp bend; a sequel. *A. Komarovskii, S. Uamanov. Ekon. i zhizn'* 8 no. 4:62-69 Ap '66.

SAMBUR, GRIGORI NIKITICH, 1903-1965

Grigori Nikitich Sambur; an obituary. *Pochvovedenie* no. 3:17 My '66.

SAN JOSE SCALE see subdivision under Moldova

SAND

(see also subdivision under Kara Kum; Turkmenistan; Ukraine)

Determining the time of sand plug disintegration when using lifts of simplified design. *N. I. Aliev, Z. M. Adzhakov, N. A. Gadzhiev. Azerb. med. khoz.* 45 no. 4:26-27 Ap '66.

Dynamics of the softening by phase composition and structure formation of sand clay during its slanting. *M. P. Elinson, B. N. Vinogradov, V. N. Burmistrov. Sbor. trud. VNIEPTROM* no. 5:139-152 '65.

Experimental studies of the processes of the dilution and packing of sand in the pores of water-saturated rock fill. *L. Sh. Gorelik. Trudy LPI* no. 257:103-109 '65.

Packing of sand in the pores of rock fill. *P. L. Ivanov. Trudy LPI* no. 257:93-102 '65.

Using foams for increasing the efficiency of flushing sand plugs. *N. P. Vasil'eva, V. A. Amilan. Neft. khoz.* 44 no. 4:43-48 Ap '66.

SAND, FOUNDRY

Automatic distribution of molding sand to sand hoppers. *P. I. Bovenuskii. Lit. proizv.* no. 2:34 F '64.

Core sand mixtures for sand blowing and sand blasting machines. *I. N. Smolin. Lit. proizv.* no. 2:41-42 F '64.

Liass, A. M. [Quick-setting molding mixtures] *Bystro-tverdeushchie formovochnye smesi.* Moskva, Mashinostroenie, 1965. 331 p.

SAND, FOUNDRY--ADDITIVES

Molding and core sand mixtures with a lime binder. *T. I. Orlova. Lit. proizv.* no. 2:47 F '64.

SAND, FOUNDRY--DRYING

Equipment for sand drying in a flow of compressed air. *A. V. Kugel'. Lit. proizv.* no. 4:33 Ap '66.

SANDSTONE

(see also subdivision under Irkutsk Basin; Kuu Bantui)

Forecasting the danger of sandstone outbursts. *V. I. Nikolin, I. M. Berkovich, M. A. Khallimovskii. Ugol' Ukr.* 10 no. 5:47-48 My '66.

SANDWICH CONSTRUCTION--VIBRATION

Forced vibrations of a sandwich plate with a carrying middle layer considering the dissipation of vibration energy in layer materials. *A. V. Karpov. Izv. vuz. ucheb. zav. i av. tekhn.* 9 no. 1:156-160 '66.

SANDY SOILS

(see also subdivision under Turkmenistan)

Basic relations of the stressed state and the stability of sandy soils. *G. M. Lomtze, A. L. Kryzhanovskii. Osn. i fund. i mekh. grun.* 8 no. 3:8-11 '66.

SANITARY ENGINEERING

Greblikas, Antanas. [Technology of surface sanitary engineering works] *Isorihni santechnikos darbu technologija.* Vilnius, Mintis, 1966. 133 p. [in Lithuanian]

SANITARY ENGINEERING--EQUIPMENT AND SUPPLIES

Bernadskii, G. I. [An aid to the sanitary technician; tools; machines; devices] *V pomoshch' santechniku; instrumenty, stanki, priposobleniya.* [Leningrad] Lenizdat, 1966. 169 p.

SAPOGOV, NIKOLAI ALEKSANDROVICH, 1915-

Nikolai Aleksandrovich Sapogov; on his 50th birthday. *IU. I. V. Linnik and others. Usp. mat. nauk* 21 no. 2:259-260 Mr-Apr '66.

SAPROPHYTIC BACTERIA see Bacteria, Saprophytic

SAPROPHYTISM

Differentiation between acid-resistant saprophytes from *Mycobacterium tuberculosis* and atypical strains by the determination of formamidase activity. *M. M. Dykhov, O. M. Zemtsova, V. M. Zaiden. Probl. tub.* no. 3:63-66 '64.

Differentiation of atypical strains of mycobacteria and acid-fast saprophytes by intradermal tests on guinea pigs. *A. P. Baturo. Probl. tub.* 42 no. 6:71-74 '64.

SARADZHSHVILL, VANO, 1879-1924

Kashmadze, Sh.E. [Vano Saradzhshevili. Translated from the Georgian] Vano Saradzhshevili. Tbilisi, Literatura i iskusstvo, 1963. 76 p. (WU)

SARATOV—ART GALLERIES AND MUSEUMS

Saratov. Gosudarstvennyi khudozhestvennyi muzej imeni A.N.Radtsigheya. [Catalog; the section of Soviet art] Katalog; otdel sovetskogo iskusstva. Leningrad, Khudozhnik RSFSR, 1960. 200 p. (MU)

SARATOV—VETERINARY MEDICINE—STUDY AND TEACHING

Education and training in an institution of higher learning. P. Makrushin, P. Rukhovich, I. Svinolupov. Veterinarin 42 no. 4:107-109 Ap '66.

SARATOV PROVINCE—BITS (DRILLING AND BORING)

Using diamond bits in Saratov Province. O. P. Moldavskii, P. P. Markin. Neft.khoz. 44 no. 4:66-68 Ap '66.

SARATOV PROVINCE—BOOKSELLERS AND BOOK-SELLING

What obstructs commercial accounting? A. I. Alynecheva. Knizhtorg. 17 no. 5:29-30 My '66.

SARATOV PROVINCE—CLAY

Middle Jurassic clay minerals in the Volga Valley portion of Saratov Province. B. K. Gotsmanov. Rent. min. zyr. no. 4:174-183 '64.

Practice in studying the microstructure of weathered clays. V. S. Shibaikova. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2: 70-76 Mr-Apr '66.

SARATOV PROVINCE—RUSSIAN NEWSPAPERS

Vast field of creative activity. I. Shishin. Sov. psch. no. 5:48-49 My '66.

SARATOV PROVINCE—WEATHERING

Practice in studying the microstructure of weathered clays. V. S. Shibaikova. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2: 70-76 Mr-Apr '66.

SARATOV PROVINCE—WHEAT—DISEASES AND PESTS

Root rot of spring wheat. M. Mikhailina. Zashch. rast. 11 no. 5:39-41 '66.

SARYSU VALLEY (KAZAKHISTAN)—STEPPE FLORA

Psammophyte and hemipsammophyte varieties of steppe vegetation in the middle reaches of the Sarysu River. N. P. Guricheva, E. I. Radchikovskaya. Trudy Bot. inst. Ser. 3 no. 17:181-199 '65.

SATELLITES, ARTIFICIAL see Artificial satellites**SATIRE**

Suggestions submitted for discussion. Agitator 34 no. 11:45-47 Ju '66.

SAUSAGES

Sausages. M. Marshak. Zakup. sel'khoz. prod. no. 4: 64-65 Ap '66.

SAUSAGES—MICROBIOLOGY

Some factors affecting the microflora of cooked sausages. V. M. Kobasenko. Vop. pit. 23 no. 4:67-69 Ji-Ag '64.

SAVINGS BANKS see subdivision under Kuybyshev Province**SAVINGS BANKS—AUDITING AND INSPECTION see subdivision under Kirov Province****SAVOTIKOV, IURI FEDOROVICH**

Restless disposition. V. Savzdarg. Zashch. rast. 11 no. 1:7 '66.

SAWFLIES

(see also subdivision under Baikal Lake region; Siberia)

Improving the control of the apple sawfly. IV. Karabash. Zashch. rast. 11 no. 5:55-56 '66.

Mining sawfly on the elm. V. Tomilova, B. Verzhutskii. Zashch. rast. 11 no. 5:47 '66.

SAWMILLS

(see also subdivision under Siberia; Soviet Far East)

Determining the criteria for the psychological task of the human operator of a crosscutting unit. A. A. Kudinov. Izv. vyz. ucheb. zav.; les. zhur. 9 no. 1:140-154 '66. Psychological task of the operator of a crosscutting unit. G. A. Vili'ko. Izv. vyz. ucheb. zav.; les. zhur. 9 no. 1: 146-148 '66.

Quantity of information determining the knotiness of tree-length logs. L. V. Leonov. Izv. vyz. ucheb. zav.; les. zhur. 9 no. 1:155-162 '66.

SAWMILLS—COLD WEATHER OPERATION

Defrosting a frozen saw log. A. P. Bragin. Der. prom. 14 no. 3:13-15 Mr '66.

SAWMILLS—MAINTENANCE AND REPAIR

Advanced methods for repairing sawmill equipment. A. A. Golovannikov, I. K. Kucherov. Der. prom. 14 no. 3:25-27 Mr '66.

SAWS

Malakhov, I. K. [Design, construction, and use of log frame saws] Raschet, konstruirovaniye, proizvodstvo i ekspluatatsiya lesopil'nykh ram. Moskva, Lesnaya promyshlennost', 1965. 437 p.

SAWWORK

Chemical study of the sawwork *Saussurea pulchella* Fisch. N. V. Agafonova and others. Apt. delo 15 no. 2:36-37 Mr-Apr '66.

SAXONY—INDUSTRIES

Main features of the industrial structure of the Saxon districts of the Democratic Republic of Germany. M. K. Zverev. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:56-60 Mr-Apr '65.

SAYAN MOUNTAINS—GEOLOGY, STRUCTURAL

Krasil'nikov, B. N. [Pre-orogenic development of the Sayan-Altaï area and abyssal processes accompanying it] Doorogomoe razvitiye struktury Salano-Aitalskoi oblasti i soprovozhdayushchie ego giubimye protsessy. Moskva, Nauka, 1966. 247 p.

SAYAN MOUNTAINS—LIMESTONE

Interrelationship between effusive and sedimentary formations and biogermes of the Lower Cambrian limestones in the Western Sayan. K. N. Konushkov. Trudy VSEGEI 128:127-131 '66.

SAYAN MOUNTAINS—FIRE-EARTH METALS

Behavior of rare-earth elements and yttrium in the metasomatically altered alkali granites of the Ogaitak complex (Eastern Sayan). V. I. Kovalenko and others. Geokhimiya no. 5:525-537 My '66.

SAYAN MOUNTAINS—ROCKS

Devonian formations of the Sayan-Altaï fold area and relations to problems of metallogeny. E. N. Ivanov, L. E. Alekseeva. Trudy VSEGEI 128:90-99 '66.

Interrelationship between effusive and sedimentary formations and biogermes of the Lower Cambrian limestones in the Western Sayan. K. N. Konushkov. Trudy VSEGEI 128:127-131 '66.

Sedimentary and volcanic formations of the western half of the Sayan-Altaï area in connection with the problem of metallogeny. K. N. Vifanskii. Trudy VSEGEI 128: 100-116 '66.

Sedimentary and volcanic formations of the Western Sayan Mountains. L. N. Kazakov. Trudy VSEGEI 128:117-126 '66.

SAYAN MOUNTAINS—ROCKS, IGNEOUS

Behavior of rare-earth elements and yttrium in the metasomatically altered alkali granites of the Ogaitak complex (Eastern Sayan). V. I. Kovalenko and others. Geokhimiya no. 5:525-537 My '66.

SCAFFOLDING

Limonov, S. P. [Stock scaffolding of three-dimensional elements for masonry and block work on industrial and public buildings; practices of Trust No. 94 of the Main Upper Volga Construction Administration in the City of Vladimir] Inventarnye lesa iz ob'omnykh elementov dlia kamennoi i blochnoi kladki promyshlennykh i obshchestvennykh zdani; opyt trestu No. 94 Glavverkhimvolzhskstroia, g. Vladimir. Moskva, Stroizdat, 1965. 10 p.

[MICROFILM]

SCALE INSECTS see subdivision under Kazakhstan; Polesye**SCALES (FISHES)**

Press for making imprints of fish scales. I. N. Redkozhov. Ryb. khoz. 42 no. 3:23 '66.

SCALES (WEIGHING INSTRUMENTS)

Electronic self-adjusting scales. O. V. Ivanov. Sbor. trud. po agron. fiz. no. 12:217-223 '65.

SCANDIUM

Role of hydrochloric acid in the extraction of scandium by tributyl phosphate. L. V. Favorskaya, A. D. Romanova. Zhur. neorg. khim. 11 no. 5:1227-1228 My '66.

SCAPHOID BONE—DISEASES

Treatment of suppurative podotrochillitis in horses. G. S. Mastyko, E. M. Bagrinovskaya. Uch. zap. Viteb. vet. inst. 10:323-327 '64.

SCAPULA—SURGERY

Clinical aspects and surgical treatment of primary tumors of the scapula. S. T. Zaitsep. Khirurgiya 42 no. 2:56-62 F '66.

SCAPULA—TUMORS

Clinical aspects and surgical treatment of primary tumors of the scapula. S. T. Zaitsep. Khirurgiya 42 no. 2:56-62 F '66.

SCATTERING (PHYSICS)

Effect of mixed conductivity on the temperature variation of the kinetic coefficients in semiconductors. M. I. Daunov. Fiz. tver. tela 8 no. 5:1577-1581 My '66.

Forced Mandelstam - Brillouin scattering in a quartz single crystal in the temperature range of 2.1 - 300° K. S. V. Krivokhizha and others. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 9:376-382 My '66.

Spin wave scattering on paramagnetic impurities in antiferromagnets. V. G. Bar'akhtar, V. A. Sanina. Fiz. tver. tela 8 no. 5:1449-1454 My '66.

Use of the iteration method in multiple scattering. A. G. Borovoi. Izv. vyz. ucheb. zav.; fiz. 9 no. 2:175-177 '66.

Use of the thermomagnetic effects of Nemst - Ettingshausen as an indicator of the scattering mechanism. M. I. Daunov. Fiz. tver. tela 8 no. 5:1574-1576 My '66.

SCELIONIDAE

Development of *Asolcus semistriatus* Nees. (Hymenoptera, Scelionidae), feeding on eggs of stinkbugs (Hemiptera, Pentatomidae). N. I. Kochetova. Zool. zhur. 45 no. 4: 558-567 '66.

SCHEDULING (MANAGEMENT)

Golenko, D. I., and others. [Automation of planning and management of the new developments] Avtomatizatsiya planirovaniya i upravleniya novymi razrabotkami. Riga, Zvalgzne, 1966. 190 p.

Network planning of developments. K. K. Kardin. Khim. prom. 42 no. 5:366-373 My '66.

Organization of planned work on the base of network planning charts. L. A. Maizlin. Tekst. prom. 26 no. 5:39-42 My '66.

Reksin, V. E. [Methods of network analysis in industrial management] Metody setevogo analiza v upravlenii proizvodstvom. Moskva, Ekonomika, 1966. 56 p. (Biblioteka khoziasistvennogo rukovoditel'ia)

SCHHEELITE—ANALYSIS see subdivision under Ural Mountains**SCHHEELITE CRYSTALS**

Electron paramagnetic resonance of tetragonal Nd³⁺ centers in some crystals of the scheelite homological series. I. N. Kurkin. Fiz. tver. tela 8 no. 3:731-735 Mr '66.

SCHIFF BASES

Cation complexes of silver and copper (II) with ethylenediamine Schiff bases. E. Hoyer, V. V. Skopenko. Zhur. neorg. khim. 11 no. 4:803-809 Ap '66.

Inner-complex compounds of zinc with salicylaldehyde derivatives. L. E. Lempert and others. Zhur. neorg. khim. 11 no. 4:930-940 Ap '66.

Syntheses of inner-complex compounds of Co(II) with ortho-substituted anils of salicylaldehyde. V. A. Kagan and others. Zhur. neorg. khim. 11 no. 4:938-939 Ap '66.

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON, 1759-1805

Akademiya nauk SSSR. Institut mirovoi literatury. [Friedrich Schiller; articles and materials] Friedrich Schiller; stat'i i materialy. Moskva, Nauka, 1966. 422 p.

SCHISM—EASTERN AND WESTERN CHURCH

Sabol, Sevast'ian. [Catholicism and orthodoxy; the 900th anniversary of the schism in the Christian Church, 1054-1054] Katolytsstvo i pravoslaviye; v 900-ti kovnyy podiat Khristoval'skerky (1054-1954). New York, Vyd-vo 'Slovo dobroho pastyria, 1955. 328 p. (CoU)

SCHISTOSOMIASIS

Schistosomiasis (bilharziasis). M. I. Burmistrov, A. V. Gridnev, A. P. Pekashev. Sov. med. 28 no. 9:78-83 S '64.

SCYTHOPHORIA—CONCP

- SCHOOL GARDENS**
In the school garden in summer. P. A. Zavitsaev. Nachshkola 34 no. 5:64-68 My '66.
- SCHOOL HYGIENE**
Epidemiological effectiveness of planned phage treatment in day nurseries. M. I. Kagan and others. Zhur. mikro-biol., epid. i immu. 41 no. 7:99-102 Ji '64.
Smolenskaya, R. M., and K. I. Luchina. [Hygienic problems in the planning of preschool institutions] Gigienicheskie voprosy pri proektirovani detskoykh uchrezhdeniy. Moskva, Meditsina, 1966. 141 p.
- SCHOOLHOUSES** see subdivision under Azerbaijan; Chita Province
- SCHOOLHOUSES—LIGHTING**
Experience in the use of fluorescent lamps in lighting classrooms. R. I. Pashkovskii, Svetotekhnika 12 no. 5:13-15 My '66.
- SCHOOLS—EXERCISES AND RECREATIONS**
Unforgettable graduation party.... A. Levshin. Sem'ia i shkola 21 no. 4:38-39 Ap '66.
- SCHULLER-CHRISTIAN SYNDROME** see Lipodosis
- SCIATIC NERVE**
Characteristics of evoked potentials in the cerebral cortex following stimulation of the sciatic nerve under the effect of various narcotic substances. E. M. Nabli. Fiziol. zhur. 52 no. 5:472-480 My '66.
- SCIATIC NERVE—SURGERY**
Importance of the nervous factor in the pathogenesis of open traumas. A. N. Golikov. Trudy Mosk. vet. akad. 10:8-12 '56.
- SCIENCE**
(see also subdivision under Estonia)
Natural science and contemporary scientific and technological revolution. B. M. Kedrov. Priroda 55 no. 5:2-10 My '66.
- SCIENCE—BIBLIOGRAPHY** see Bibliography—Science
- SCIENCE—CONGRESSES**
Eleventh International Congress on the History of Science. D. I. Gordsev. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:92-97 Mr-Apr '66.
Some results of the 11th International Congress on the History of Science. A. T. Grigor'ian. Vop. filos. 20 no. 5:154-157 '66.
- SCIENCE—INFORMATION SERVICES**
Ostrometskii, A. [Some problems in constructing and using reference and information collections in scientific research institutes, design offices, and at enterprises; materials on scientific and technological information] Nekotorye voprosy sozdaniya i ispol'zovaniya spravochno-informatsionnykh fondov v NIi, KB i na predpriyatiakh; materialy po nauchno-tekhnicheskoi informatsii. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1966. 65 p.
Romanov, I. I. [Aid for workers in scientific and technical information services] V pomoshch' rabotnikam sluzhby nauchno-tekhnicheskoi informatsii. Minsk, Belarus', 1966. 97 p.
Seminar rabotnikov nauchno-tekhnicheskoi informatsii i propagandy. Moscow, 1966. [Problems of the organization and methodology of scientific and technical information and propaganda; according to materials of the Seminar of Workers of Scientific and Technical Information and Propaganda] Voprosy organizatsii i metodiki nauchno-tekhnicheskoi informatsii i propagandy po materialam. Moskva, Gos. nauchno-tekhn. komitet, 1966. 433 p. (MNC)
- SCIENCE—METHODOLOGY**
Methodological problems of mathematical modeling in natural sciences. I. A. Akchurin, M. F. Vedenov, IU, V. Sachkov. Vop. filos. 20 no. 4:64-75 '66.
Some structural characteristics of present-day theoretical knowledge. A. A. Litapunov. Vop. filos. 20 no. 5:39-50 '66.
Specific aspects of the development of natural science methodology. A. F. Zotov, E. A. Lekhner. Vop. filos. 20 no. 4:55-63 '66.
Symposium on the logic and methodology of science. P. F. Iolon, E. E. Lednikov. Vop. filos. 20 no. 4:160-172 '66.
- SCIENCE—PERIODICALS**
"An index of discoveries." V. Malevanniy. V mire knig 6 no. 4:20 Ap '66.
- SCIENCE—PHILOSOPHY**
Science as a subject-matter of special studies. S. R. Mikul'skii, N. I. Rodnyi. Vop. filos. 20 no. 5:25-38 '66.
- SCIENCE—POPULAR WORKS**
Exerting an influence upon mind and feelings. K. Gatsenko, T. Panfilova. V mire knig 6 no. 4:18-19 Ap '66.
- SCIENCE—SOCIAL ASPECTS**
Present-day problems concerning the effectiveness of science. P. A. Radikov. Vop. filos. 20 no. 5:14-24 '66.
- SCIENTIFIC LIBRARIES**
Newspaper collections in the service of science and in practice. I. S. Smirnov. Bibliot. SSSR no. 28:140-146 '65.
- SCIENTISTS—AGING**
Effect of some factors of work and living conditions on the state of the cardiovascular system and capacity for work in scientists of the pension age. A. V. Dobrodeev and others. Trudy MOIP. Otd. biol. 17:17-23 '66.
- SCINTILLATION COUNTERS**
Study of the adsorption of electrolytes on monocarboxylic cellulose by means of labeled cation and anion. Z. IU. Cherevskii. Radiokhimiya 8 no. 2:254-258 '66.
- SCLEROSIS**
Melorheostosis (Leri's disease). S. S. Ayediso, M. I. Slepak. Vest. khir. 96 no. 4:139-140 Ap '66.
Significance of bronchoscopic and bronchographic examination of children with pulmonary tuberculosis and pleuropneumocystosis. M. V. Shesterina, G. B. Sokolova, E. S. Sidorkina. Probl. tub. no. 7:51-56 '65.
- SCOLECOTRICHUM**
Olive spot of cucumbers under glass. L. I. Demidova. Zap. LSKH 95:136-143 '65.
- SCOPOLIA**
Study of the diagnostic characteristics of the roots and rootstocks of Anisodis luridus. O. T. Dachyshyn. Farmatsev. zhur. 21 no. 2:63-67 '66.
- SCORPIONS** see subdivision under Asia, Central
- SCRAP METALS**
Electrolytic refining of industrial wastes of titanium alloys. IU, G. Olesov and others. TSvet. met. 30 no. 5:60-72 My '66.
- SCREW CUTTING** see subdivision under Bulgaria
- SCREWS**
New method of manufacturing screws with an internal hexahedron. A. A. Golodenko, V. L. Grigor'ev. Kuz. - stam. proizv. 8 no. 5:44 My '66.
Studying the strength of joints fastened by wood screws in bent and glued parts. V. F. Naumchuk. Lis., pap. i der. prom. no. 2:33-35 Mr-Apr '66.
- SCULPTURE**
Moscow. Gosudarstvennyi muzei izobrazitel'nykh iskusstv. [Western European painting and sculpture] Zapadnoevropeiskaya zhivopis' i skulptura. Pod obshchey red. B. R. Vipper. Moskva, Sovetskii khudozhenik [1966] 1 v. (chiefly illus.)
- SEA ICE** see subdivision under Arctic regions
- SEA TRAINS**
(see also subdivision under Caspian Sea)
Transportation of power trains by sea. M. Suleimonov. Mor. flot 26 no. 4:13 Ap '66.
- SEALING (TECHNOLOGY)**
Hermetic sealing of the joints of exterior large-panel walls of buildings. G. B. Ivianskii, A. IU. Zontov. Energ. stroi. no. 40:25-29 '64.
Investigating the fluid-tightness of pipes from glass reinforced plastics. P. V. Vlasov, A. V. Molokanov, Khim. i nef. mashinost. no. 5:10-12 My '66.
Mechanization of the sealing of the joints of reinforced concrete structures. G. B. Ivianskii, V. B. Belevich. Energ. stroi. no. 40:21-24 '64.
Sealing of the joints of precast reinforced concrete structures using an individualized concrete laying method. V. B. Belevich. Energ. stroi. no. 40:15-21 '64.
- SEAWATER—COMPOSITION** see subdivision under Atlantic Ocean; Mediterranean Sea
- SEAWATER—OPTICAL PROPERTIES**
(see also subdivision under Indian Ocean)
Attenuation of a collimated light beam in the sea. M. N. Bulkhurgin, V. P. Nikolaev. Trudy Inst. okean. 77:98-101 '65.
Basic equations linking the optical characteristics of the sea. A. K. Karolin. Trudy Inst. okean. 77:17-34 '65.
Calculation of subsurface illuminance. E. N. Khalemskii. Trudy Inst. okean. 77:131-137 '65.
Comparison of measured and calculated scattering functions of seawater. IU, E. Ochakovskii. Trudy Inst. okean. 77:125-130 '65.
Dependence of the extinction coefficient on the suspended matter contained in the sea. IU, E. Ochakovskii. Trudy Inst. okean. 77:35-40 '65.
- Formation of the optical structure of water. V. I. Violev. Trudy Inst. okean. 77:84-91 '65.
- Measurement of the angular distribution of submarine illuminance. V. P. Nikolaev, A. A. Zhit'tsov. Trudy Inst. okean. 77:102-109 '65.
- Present state of the study of polarization of natural light in the sea. V. M. Pavlov. Trudy Inst. okean. 77:41-52 '65.
- Some aspects of the theory of polarization of natural light in the sea. V. M. Pavlov, B. N. Grechushnikov. Trudy Inst. okean. 77:53-66 '65.
- Some basic problems of hydro-optics. M. V. Kozhantinov. Trudy Inst. okean. 77:7-16 '65.
- Some results of the experimental determination of the absorption coefficient of light in the sea. V. N. Pelevin. Trudy Inst. okean. 77:67-72 '65.
- Use of a correcting filter in measuring submarine illuminance. V. I. Volkov, E. N. Khalemskii. Trudy Inst. okean. 77:121-124 '65.
- Use of one-dimensional approximation in studying the propagation of optical radiation in the sea. M. V. Kozhantinov, V. N. Pelevin. Trudy Inst. okean. 77:73-79 '65.
- Using methods of the theory of similitude in hydro-optics. V. N. Pelevin. Trudy Inst. okean. 77:80-83 '65.
- SEAWATER—OXYGEN CONTENT** see subdivision under Atlantic Ocean
- SECONDARY ELECTRON EMISSION**
Interaction of secondary electrons with a solid plasma. A. I. Grinchak. Fiz. tver. tela 8 no. 4:1260-1262 Ap '66.
Raman effect and luminescence in secondary emission from an impurity center. I. Tchev, V. Hizniakov. Izv. AN Est. SSR. Ser. fiz. - mat. i tekhn. nauk 15 no. 1:9-16 '66.
Statistics of secondary electron emission from nickel and iron. IU, A. Filippov. Fiz. tver. tela 8 no. 3:877-882 Mr '66.
- SECRETIN**
Testing the exocrine function of the pancreas with the aid of secretin. I. T. Abasov. Azerb. med. zhur. 42 no. 5:17-24 My '65.
- SECTS**
Decrees of the Presidium of the Supreme Soviet of the R. S. F. S. R. Sov. iust. 30 no. 8:28 My '66.
- SEDIMENTARY ROCKS** see Rocks, Sedimentary
- SEDIMENTATION ANALYSIS**
Determining the molecular weight of ligands by the sedimentation rates. O. M. Sokolov, R. D. Bogomolov, E. V. Veselova. Izv. vys. ucheb. zav. i nauch. zhur. 9 no. 1:139-145 '66.
Studying the causes of lactone sedimentation in canned sweetened condensed milk. V. N. Pavlova, V. G. Skoromnikova, N. A. Pometova. Trudy VNIMI [Mol.] no. 23:31-48 '65.
- SEDIMENTATION AND DEPOSITION**
(see also subdivision under Armenia; Ladoga, Lake)
Investigating the sedimentation tank at a dam. IU, A. Izad-Zade, Ch. G. Nuriev. Za tekhn. prog. 4 no. 3:37-40 Mr '64.
- SEDIMENTS (GEOLOGY)**
Conditions governing sedimentation and the methods of paleogeographic constructions. B. P. Zhizhenchenko. Sov. geol. 8 no. 9:47-62 S '65.
- SEDIN, MITROFAN KARPOVICH, 1861-1918**
Sedin, A. M. Mitrofan Sedin. [Krasnoarsk] Krasnoarskoe knizhnoe izd-vo, 1965. 122 p.
- SEED INDUSTRY** see subdivision under Chernigov
- SEED POTATOES—STORAGE**
Transportation of seed potatoes and the keeping quality of tubers during storage. S. F. Polishchuk. Vest. sel'khoz. nauki 11 no. 4:107-110 Ap '66.
- SEED POTATOES—TRANSPORTATION**
Transportation of seed potatoes and the keeping quality of tubers during storage. S. F. Polishchuk. Vest. sel'khoz. nauki 11 no. 4:107-110 Ap '66.
- SEED PRODUCTION**
Effect of the age of hemp pollen on the quality of hybrid seeds. N. D. Migal'. Vest. sel'khoz. nauki 11 no. 2:131-132 F '66.
Use of maleic hydrazide acid in sugar beet seed production. V. S. Dolla, Khim. v sel'khoz. 4 no. 5:43-47 My '66.
- SEEDS**
Strova, I. G. [General seed study of field crops] Obshchee semenovodeniye polevykh kul'tur. Moskva, Kolos, 1966. 463 p. (DNAL)

SEEDS—MORPHOLOGY

Anomalous forms of poppy seeds (*Papaver nudicaule* L.). L. M. Kyz'mina. Bot. zhur. 51 no. 4:557-559 Ap '66.

SEEDS—STORAGE

Effect of the storage of irradiated seeds on their viability. E. I. Preobrazhenskaya. Sbor. trud. po agron. fiz. no. 12: 129-133 '65.

SEEDS, EFFECT OF GAMMA RAYS ON

Stimulating effect of presowing irradiation of seeds with gamma rays of cobalt-60. V. V. Orlov. Sbor. trud. po agron. fiz. no. 12:140-145 '65.

SEEDS, EFFECT OF MOLYBDENUM ON

Enrichment of seeds with molybdenum before sowing. K. A. Vasil'eva. Uch. zap. Viteb. vet. inst. 18:106-115 '64.

SEEDS, EFFECT OF OXYGEN ON

Effect of oxygen dissolved in water on the germination of Scotch pine seeds. B. V. Babikov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:9-11 '65.

SEEDS, EFFECT OF PHOSPHORUS ON

Effect of high rates of phosphorus fertilizers on the yield and quality of farm crop seeds. A. I. Kudel'arova. Zerkhkhimika no. 5:43-52 My '66.

SEEDS, EFFECT OF RADIATION ON

Effect of the storage of irradiated seeds on their viability. E. I. Preobrazhenskaya. Sbor. trud. po agron. fiz. no. 12: 129-133 '65.

SEEDS, EFFECT OF TEMPERATURE ON

Effect of preplanting heating of seeds on the yield and some physiological processes of cucumber plants. V. Rodionov, Khr. Petrov, V. Dimitrova. Fiziol. rast. 13 no. 1:171-176 Ja-F '66.

SEEPAGE

Initial prerequisites in determining the interval of seepage and parameters of layers. P. N. Kostukovich. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 3:110-128 Mr '66.

SEGEZHA (KARELIA)—WOODPULP INDUSTRY

Vainu, R. P., and A. F. Iarovoi. [With young hands] Rukami molodymi. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 104 p. (CS-11)

SEISMIC PROSPECTING

(see also subdivision under Kola Peninsula; Tatar A. S. R.)

Determining some parameters of homogeneous layers by means of their phase spectral characteristics. L. L. Khudinskii. Izv. AN SSSR, Fiz. zem. no. 5:68-77 '66. [Handbook on geophysics] Spravochnik geofizika. Moskva, Nedra.

Vol. 4. [Seismic prospecting] Seismorazvedka. Pod red. I. I. Guryeva i V. P. Nomokonova. 1966. 749 p.

Laboratory of acoustic logging of the LAK-1 type. G. V. Dakhov and others. Prikl. geofiz. no. 43:163-176 '65. Methodology and technology of blasting from the deck of a ship-seismic station during marine seismic studies using the reflection method. A. A. Gage'l'gants, L. I. Kogan. Prikl. geofiz. no. 43:16-28 '65.

Nature of some wave interferences in marine seismic prospecting. I. K. Kondrat'ev. Prikl. geofiz. no. 48:79-89 '65.

Practice in using two-channel seismic stations in detailed geological surveying of closed areas. M. S. Muzylev. Sov. geol. 9 no. 4:137-142 Ap '66.

Present status and means for the development of the method of transverse and exchanged waves. N. S. Berzon, N. N. Puzyrev, L. N. Khudobina. Prikl. geofiz. no. 43:3-13 '65.

Processing holographs of a direct wave. A. F. Sokolov. Prikl. geofiz. no. 43:29-46 '65.

Relation of electric conductivity and the membrane potential of rocks to their reservoir properties. I. I. Lepe-shinskii. Prikl. geofiz. no. 43:177-187 '65.

Selection of waves in the refraction correlation method. L. D. Ralkher and others. Izv. AN SSSR, Fiz. zem. no. 5:89-95 '66.

Some results of using the method for asynchronous accumulation in seismic prospecting. V. A. Grodzenskii, A. B. Beklemishev, V. G. Kozlova. Prikl. geofiz. no. 46:21-33 '65.

Urupov, A. K. [Studying velocities in seismic prospecting] Izucheniye skorosti v seismorazvedke. Moskva, Nedra, 1966. 223 p.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES

Some problems in the development of the apparatus of acoustic logging for measuring interval velocity. G. B. Gerbovitskii. Prikl. geofiz. no. 43:188-213 '65.

SEISMIC PROSPECTING—MAPS

Accuracy of seismic maps. S. A. Skidan. Prikl. geofiz. no. 46:82-78 '65.

SEISMIC REFRACTION METHOD

Study of the nature of the key seismic horizon. I. U. A. Lebedev, S. S. Solovov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 3:139-143 Mr '66.

SEISMIC WAVES

Application of spheroidal wave functions to the problem of reflected plane waves by a transition layer. A. N. Levin. Prikl. geofiz. no. 46:52-61 '65.

Generation of transverse seismic waves by explosions. N. N. Puzyrev, K. A. Lebedev, G. N. Lebedeva. Geol. i geofiz. no. 2:88-99 '65.

Optimum algorithm of the separation of seismic waves on the phon of regular wave interference. S. A. Nakhamkin. Izv. AN SSSR, Fiz. zem. no. 5:52-67 '66.

SEISMIC WAVES—SPECTRA

Wave spectra from spheric radiation in a homogeneous absorption medium. I. I. Guryev. Izv. AN SSSR, Fiz. zem. no. 5:43-51 '66.

SEISMOLOGY

(see also subdivision under Japan Sea)

Determining the seismic load for a dam constructed from local materials. G. S. Seleznev. Dokl. AN Tadzh. SSR 9 no. 4:14-18 '66.

Possible subsurface conditions governing igneous activity. V. V. Belonov. Sov. geol. 9 no. 4:7-25 Ap '66.

SEISMOLOGY—CATALOGS

[Seismological catalog of seismological data of the World Data Center B] Shestimes. kat. dan. po seism. Ja-D '64, publ. Ja '65.

SEISMOMETERS

Experimental device for studying the seismic vibrations of extended structures. A. Grossman. Stroitel. arkh. Sred. Az. 1 no. 7:23-25 Ji '64.

Phase distortions in the output circuit of a seismic recording channel. M. K. Polshkov. Prikl. geofiz. no. 43:14-17 '65.

Some problems of transition phenomena in seismic apparatus. M. K. Polshkov. Prikl. geofiz. no. 46:3-20 '65.

SELENGA DELTA—PEAT SOILS

Petrovich, P. I. [Peat soils in the Selenga Delta and their agricultural use] Torfianye polvy del'ty r. Selengi i ikh sel'skokhozyaistvennoe ispol'zovanie. Ulan-Ude, Buriatkoe knizhnoe izd-vo, 1965. 93 p. (DNAL)

SELENIDES

Preparation of copper, cadmium, cobalt, and nickel selenides by reduction of selenites in aqueous solutions. V. M. Shupman, V. L. Varand. Izv. AN SSSR, Ser. khim. no. 5:934-935 '66.

SELENITES

Preparation of copper, cadmium, cobalt, and nickel selenides by reduction of selenites in aqueous solutions. V. M. Shupman, V. L. Varand. Izv. AN SSSR, Ser. khim. no. 5:934-935 '66.

SELENIUM—ANALYSIS

Determination of selenium in biological materials. V. V. Koval'skii, V. V. Ermakov. Zhur. anal. khim. 21 no. 4: 447-454 '66.

SELENIUM—ELECTRIC PROPERTIES

Effect of impurities on the charge carrier mobility in amorphous selenium. B. T. Kolomiets, E. A. Lebedev. Fiz. tver. tela 8 no. 4:1136-1139 Ap '66.

SELENIUM—PHOTOELECTRIC PROPERTIES

Kinetics of a longitudinal photoeffect bounded by a space charge in amorphous selenium. J. K. Viscas and others. Fiz. tver. tela 8 no. 5:1616-1617 My '66.

Lux-ampere characteristic of anomalous photoconductivity of amorphous selenium under constant illumination. A. D. Volchek, K. S. Gager, M. I. Korsunskii. Fiz. tver. tela 8 no. 5:1625-1627 My '66.

SELENIUM—PHYSIOLOGICAL EFFECT

Effect of selenium on the productivity and quality of meat in sheep. F. I. A. Berenshtein and others. Khim. v sel'. Khoz. 4 no. 5:47-49 My '66.

SELENIUM—SPECTRA

Anomalous shift of the fundamental absorption edge due to an electric field in selenium films and amorphous samples. L. N. Strol'tsov, N. M. Kisileva, P. S. Kireev. Fiz. tver. tela 8 no. 3:980-982 Mr '66.

SELENIUM CELLS

Temperature dependence of the piezoelectric effect in selenium rectifier cells. A. V. Shibaeva. Izv. vys. ucheb. zav.; fiz. 9 no. 2:51-54 '66.

SELENIUM CRYSTALS—GROWTH

Initial stages of crystallization of selenium spherulites and the mechanism of their formation. I. E. Holotov, E. A. Muraviev. Fiz. tver. tela 8 no. 5:1585-1591 My '66.

SELENOPHOSPHORIC ACID

Complex compounds of mercury with diethyl selenophosphates. V. F. Toropova, M. K. Saikina, R. Sh. Alekshov. Zhur. neorg. khim. 11 no. 5:1130-1133 My '66.

SEMANTICS

Arsen'eva, M. G., T. V. Stroeve, and A. P. Khazanovich. [Polysyllabism and homonymy] Mnogoznachnost' i omimonia. [Leningrad] Izd-vo Leningr. univ., 1966. 129 p.

SEMASHKO, NIKOLAI ALEKSANDROVICH, 1874-1949

N. A. Semashko, the first People's Commissar of the Public Health of the R. S. F. S. R., on the 60th anniversary of his birth. S. I. A. Chikin. Sov. med. 28 no. 9:144-146 S '64.

SEMEN

Effect of the breed, age, and origin of herd bulls on the quantity and qualitative indices of semen. N. A. Trutnev. Uch. zap. Viteb. vet. inst. 18:60-71 '64.

SEMONOV, NIKOLAI NIKOLAEVICH, 1896-

Academician N. N. Semenov is 70 years old. S. R. Itafikov. Vest. AN Kazakh. SSR 22 no. 4:76-80 Ap '66.

Akademiia nauk SSSR. Institut khimicheskoi fiziki.

[Chemical kinetics and chain reactions on the seventieth birthday of Academician N. N. Semenov] Khimicheskaya kinetika i tsepyne reaktsii; k semidesyatiy letiyu akademika N. N. Semenova. Moskva, Nauka, 1966. 603 p.

Nikolai Nikolaevich Semenov, on his seventieth birthday. Kin. i kat. 7 no. 2:193-195 Mr-Apr '66.

SEMONOV-TIAN-SHANSKII, PETR PETROVICH, 1827-1914

For you, O Russian! D. Romanenko. V mire knig 6 no. 4:17 Ap '66.

SEMICONDUCTOR DIODES see Diodes, Semiconductor

SEMICONDUCTORS

Acoustothermal effect in semiconductors. I. U. V. Gulliaev, E. M. Epshtein. Pis'. v red. Zhur. eksper. i teoret. fiz. 3 no. 10:410-413 My '66.

Adsorption of ions of some metals from electrolytes on the surface of germanium, silicon, and quartz. V. S. Sotnikov, A. S. Belanovskii. Radiotekhnika 8 no. 2:171-182 '66.

Adsorption of silver, iron, and antimony ions on the surface of germanium and silicon. V. S. Sotnikov, A. S. Belanovskii, M. I. Kurnetsova. Radiotekhnika 8 no. 2:230-261 '66.

Band shift in heavily doped semiconductors due to the action of electrostatic fields of impurity atoms. B. A. Volkov, V. V. Matveev. Fiz. tver. tela 8 no. 3:721-724 Mr '66.

Dense modifications of germanium and silicon produced under the simultaneous action of high pressure and shearing stress. L. F. Vereshchagin, E. V. Zubova, K. P. Dardina. Dokl. AN SSSR 165 no. 2:314-315 My '66.

Effect of heterophase additions on the thermal decomposition of silver nitrate. V. V. Boldyrev, V. I. Eroshkin. Kin. i kat. 7 no. 2:322-325 Mr-Apr '66.

Instability effect in the injection of carriers in n-type germanium alloyed with gold. M. I. Igiltayn, L. I. Pervova, V. I. Fisl'tul'. Radiotekhnika i elektronika 11 no. 5:894-900 My '66.

Quantum theory of the electroconductivity of semiconductors with a nonstandard valence band. B. M. Askerov, F. M. Gashimzade. Pis'. v red. Zhur. eksper. i teoret. fiz. 3 no. 9:350-354 My '66.

Sound-recombination instability in semiconductors. V. L. Donch-Bruzevich, E. M. Epshtein. Fiz. tver. tela 8 no. 3:943-947 Mr '66.

System for the contactless measurement of the conductance of semiconductor materials. V. S. Sobolev, I. U. D. Shmuratko. Avtometriia no. 1:102-104 '66.

Temperature dependence of the mean ionization energy in germanium and silicon. I. I. Goltst and others. Fiz. tver. tela 8 no. 4:1240-1249 Ap '66.

Theory of the mobility, Hall effect, and magnetoresistance in electronic semiconductors with charged defects. S. I. Pekar. Fiz. tver. tela 8 no. 4:1115-1121 Ap '66.

Theory of the mobility, Hall effect, and magnetoresistance in semiconductors with linear dislocations. I. U. V. Kornushin, S. I. Pekar. Fiz. tver. tela 8 no. 4: 1122-1128 Ap '66.

SEMICONDUCTORS—CONGRESSES

Conference on the analytical chemistry of semiconducting materials. L. S. Kopanskaya. Zhur. anal. khim. 21 no. 4: 516-517 '65.

SEMICONDUCTORS—ELECTRIC PROPERTIES

Conductivity of semiconductors due to ionization of the thermal defects of the lattice ("intrinsic - defective" conductivity). V. L. Vinetskii, G. A. Kholodari. Fiz. tver. tela 8 no. 3:977-980 Mr '66.

SEMICONDUCTORS—ELECTRIC PROPERTIES (Continued)

- Determining the efficiency criterion for semiconductor materials. I.S. Lisker. *Fiz. tver. tela* 8 no. 3:1299-1302 Ap '66.
- Effect of mixed conductivity on the temperature variation of the kinetic coefficients in semiconductors. M.I. Danov. *Fiz. tver. tela* 8 no. 3:1577-1581 My '66.
- The effect of self-compensation of conductivity in semiconductors. G.A. Kholodov, V.L. Vinetski. *Fiz. tver. tela* 8 no. 3:846-854 Mr '66.
- Electric stability of a system with negative differential conductivity. V.M. Iakovchenko. *Fiz. tver. tela* 8 no. 3: 939-942 Mr '66.
- Spin-lattice relaxation of conductivity electrons in n-InSb type semiconductors. S.T. Pavlov. *Fiz. tver. tela* 8 no. 3:900-907 Mr '66.
- Thermo-e.m.f. in semiconductors in a classically high magnetic field. E.G. Strelchenko. *Fiz. tver. tela* 8 no. 4:1281-1283 Ap '66.

SEMICONDUCTORS—MAGNETIC PROPERTIES

- A heavily doped semiconductor in a magnetic field. E.G. Tshitshvili. *Fiz. tver. tela* 8 no. 4:1175-1201 Ap '66.

SEMICONDUCTORS—PHOTOELECTRIC PROPERTIES

- Effect of trapping centers on the photoconductivity of semiconductors in radiative interband recombination. D.A. Aronov, R.G. Shamasov. *Fiz. tver. tela* 8 no. 5: 1347-1350 My '65.

SEMICONDUCTORS—SPECTRA

- Determining certain parameters of heavily doped semiconductors from the spectral variation in the reflection coefficient. A.A. Kukhar'skii, V.K. Subashiev. *Fiz. tver. tela* 8 no. 3:753-757 Mr '66.

SEMICONDUCTORS—TESTING

- Sensitivity of four-probe heads for measuring the resistance of semiconductor materials. S.M. Ashvatskii. *Zav. lab.* 32 no. 1:45-47 '65.
- Use of a differentiating cell in the single-probe method of specific resistance measurement. A.A. Meier. *Zav. lab.* 32 no. 1:40-45 '66.

SEMIOTICS

- Philosophical analysis of correlation between semiotics and cybernetics. O.L. Kedrovskiy. *Filos. probl. such. pyrod.* no. 2:120-126 '64.

SEMPALATINSK PROVINCE—COOPERATIVE SOCIETIES

- The workers' letters demand attention. *Sov. potreb. koop.* 10 no. 5:41-42 My '66.

SEMPALATINSK PROVINCE—EURYGASTERS—EXTERMINATION

- Phenology of the shield bug Eurygaster integriceps and its control. A.T. Tilmenebaev. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 4:87-89 Ap '66.

SEMPALATINSK PROVINCE—SHEEP—DISEASES AND PESTS

- Therapeutic and sanitary measures on sheep raising farms. S.Sh. Shaltikov, V.P. Paderin. *Veterinariia* 42 no. 4:10-13 Ap '66.

SEMIRECH'YE—CITIES AND TOWNS, MEDIEVAL

- Early medieval cities and settlements of the Semirech'ye. K. Baipakov. *Izv. AN Kazakh. SSR. Ser. obshchestv.* 4 no. 2:72-84 Mr-Apr '66.

SEMIZ-BUGU REGION (KAZAKHSTAN)—GEOLOGICAL TIME

- in the Semiz-Bugu region. *Vest. Mosk. un. Ser. 4: Geol.*

—VOLCANIC ASH,

- z-Bugu region. *un. Ser. 4: Geol.*

ogeneous solids

- ity. *Z. V. Volkova.*

odes of diverging

- zap. MGPI no. 242:

electric separation

- MGPI no. 242:17-21

ield of a separatory

- MGPI no. 242:30-

electric field,

- 12:9-16 '65.

in hydrocyclones.

- 28-32 '66.

- Centrifuges and separators. D.E. Shukropad. *Khim. i nef. mashinost.* no. 5:29-33 My '66.

- Combined production line for continuous oil refining. L.N. Gering and others. *Masl.-zhir. prom.* 32 no. 4: 16-17 Ap '66.

SEPARATORS (MACHINES)—DESIGN AND CONSTRUCTION

- Magnetic field of a separator with call elements. V.I. Karmazin, M.S. Zakharova. *Obog. rud.* 11 no. 1:39-43 '66.

SEPARATORS (MACHINES)—TESTING

- Pilot plant testing of experimental electromagnetic separators with traveling magnetic fields. T.E. Vladimirov. *Obog. rud.* 11 no. 1:13 '66.
- Testing large-diameter drum separators. V.G. Derkach, N.F. Egorov. *Obog. rud.* 11 no. 1:35-38 '66.

SEPTIC TANKS

- Two level sedimentation tanks from precast reinforced concrete. P.I. Farion, G.E. Fedorov. *Emerg. stroit.* no. 2:5-7 '65.

SEPTICEMIA

- Bacteriological and immunological studies in staphylococcal chronic sepsis with neuropsychic disorders. V.G. Pikus, Zhur. mikrobiol., epid. i immun. 41 no. 8:78-84 Ag '64.

SEPTICARIA

- Use of trace element fertilizers and fungicides against Septoria infection of currants. P. Sharangovyi. *Zashch. rast.* 11 no. 5:32 '66.

SEQUENCES (MATHEMATICS)

- Use of a certain infinite sequence of functions for integrating differential equations of the type $y' = \frac{Q(x)}{y - P(x)}$. K.I. Antimonov, G.M. Iashkin. *Sbor. trud. Mosk. tekhn. inst.* no. 8:39-48 '64.

SERBO-CROATIAN LANGUAGE

- Arbuzova, I.V., P.A. Dmitriev, and N.I. Sokol'. [Serbo-Croatian] *Serbokhorvatskii yazyk. [Leningrad] Izd-vo Leningr. univ.*, 1965. 290 p.

SERBO-CROATIAN LANGUAGE—SYNTAX

- Dmitriev, P.A. [Studies of the syntax of Serbo-Croatian] *Ochotki po sintaksisu serbokhorvatskogo yazyka. [Leningrad] Izd-vo Leningr. univ.*, 1966. 106 p.

SERGEYEV-TSENSKII, SERGEI NIKOLAEVICH, 1875-1958

- Greatness of spirit. Ivan Shevtsov. *Sov. voen* 47 no. 10: 24-25 S '65.

SERIES

- Generalized normal correlation and two-dimensional Frechet classes. O.V. Sarmanov. *Dokl. AN SSSR* 168 no. 1:32-35 My '66.
- Some characteristics of (k, α, β) summability of numerical series. V.M. Shcherbakova. *Sbor. trud. Mosk. tekhn. inst.* no. 8:93-102 '64.

SERIES, DIRICHLET'S

- Representation of functions by sequences of Dirichlet polynomials. A.F. Leont'ev. *Mat. sbor.* 70 no. 1:132-144 My '66.

SERINE

- Use of diethyl chlorophosphate for acylation of a serine hydroxy group in peptides. V.A. Shidnev, K.T. Poroshin, Sh.Kh. Khalikov. *Izv. AN SSSR. Ser. khim.* no. 5:927-928 '66.

SEROLOGY

- Characteristics of serological methods of detecting botulinum toxin. T.I. Bulatova. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:79-84 Ji '64.
- Compound immunization of guinea pigs with live vaccines against plague, smallpox, yellow fever, and with killed corpuscular cholera vaccine in various combinations. M.I. Liubachevskii, I.F. Taran. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:17-21 Ap '66.

- Histochemical study of alkaline phosphatase in lymphoid tissue of guinea pigs immunized with various antigens. D.N. Stoiakov. *Arch. pat.* 28 no. 4:45-48 '66.
- Prevention of the formation of carrier state in typhoid and paratyphoid patients, using antibiotic and vaccine therapy. Report No. 2: Dynamics of immunological indices in typhoid and paratyphoid patients treated with levomycetin and dry alcohol typhoid and paratyphoid divaccine B. IU. IA. Tendinik and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:73-80 Ap '66.

- Reaction of precipitation in agar gel as a method of serological typing of *Erysipelothrix rhusiopathiae* suis. V.I. Gevdze, M.M. Kal'chenko. *Lab. delo* no. 4:230-232 '66.

- Study of antigens of *Bacillus anthracis* and *Bacillus cereus*, using the fluorescent-serological and cytochemical methods. E.N. Levina, I.N. Kats. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:98-103 Ap '66.

SEROTONIN

- Oxidation of serotonin in the cardiac mitochondria in animals. A.M. Zolovskaya, S.N. Sudareva. *Vop. med. khim.* 12 no. 3:267-273 My-Je '66.

SEROUS MEMBRANES

- Changes in the endothelium of the lymphatic vessels of the serous membranes in acute experimental radiation sickness. V.I. Mil'ko, L.V. Chernyshenko. *Klin. khir.* no. 7:67-71 '65.

SEROV DISTRICT—PALEOBOTANY, STRATIGRAPHIC

- Paleobotanical basis of the division and correlation of the coal-bearing sediments of Serov District in the Urals. V.P. Vladimirovich. *Trudy VSEGEI* 115:90-99 '65.

SERPUKHOV DISTRICT—INSURANCE, SOCIAL

- Valuable initiative. I. Dudka. *Sov. obshch.* 41 no. 5:24-25 My '66.

SERUM

- Agglutination reaction indices with various antigens of cattle serum. K.I. Kudryavtseva. *Trudy VNIIVS* 16: 232-241 '60.
- Determination of the bactericidal activity of blood serum using the photonephelometry method. O.V. Andriyeva, T.A. Kuzmina. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:9-11 Ap '66.
- Determination of the coefficient of cholesterol strongly bound with proteins in dry blood serum. O.N. Nikol'skaya. *Lab. delo* no. 4:207-210 '66.
- Hyperimmunization of goats for obtaining precipitating antithyroid serum. L.E. Naimushina, S.G. Kolesov. *Trudy VNIIVS* 16:228-231 '60.
- Identification of poliomyelitis viruses by means of fluorescent equine antiserum. I.A. H. Kishko, M. IF. Lipkin, A.I. Uryn. *Mikrobiol. zhur.* 28 no. 2:63-67 '66.
- Method of determining the exophthalmitic factor in hypophyseal extracts and blood serum. V.V. Potin, G.S. Stepanov. *Probl. endok. i gorm.* 12 no. 3:107-111 My-Je '66.

SERUM DIAGNOSIS

- Comparative evaluation of the sensitivity of various methods of the serodiagnosis of colicenteritis. G.G. Pizhova. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:99-94 Ji '64.
- Detection of specific antibodies in the cerebrospinal fluid and blood serum as a method of early diagnosis of tuberculous meningitis in adults. I.V. Chuk. *Probl. tub.* no. 5:53-56 '64.
- Development and improvement of methods of indirect serological analysis: a survey. B.V. Karal'nik. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:134-140 Ji '64.
- Diagnosis of chronic pancreatitis. I.S. Savoshchenko, S.A. Tuzhilin, V.A. Shaternikov. *Sov. med.* 26 no. 9: 9-13 S '64.
- Diagnostic significance of determining incomplete antibodies by the Coombs' test in typhoid fever. I.N. Kamenetskaya, N.S. Medineva, G.P. Sorokha. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:12-17 Ap '66.
- Quantitative determination of lactic dehydrogenase isoenzymes in starch gel electrophoresis. IU. A. Iurkov, V.V. Alatyrynev. *Vop. med. khim.* 12 no. 3:292-294 My-Je '66.
- Rapid micromethod for the determination of the activity of carbonic anhydrase. A.A. Pokrovskii, V.A. Tutel'man. *Vop. med. khim.* 12 no. 3:310-316 My-Je '66.
- Serological diagnosis of theileriasis. M.I. Tutashin. *Veterinariia* 43 no. 5:37-38 My '66.
- Use of a model of *Salmonella* infection for the analysis of typhoid immunity, applying the bacteremia test and in experiments of passive immunization. N.V. Lyovskaya. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:31-34 Ap '66.

SERUM SICKNESS

- Toxic properties of the blood serum in prolonged crushing of soft tissues. V.G. Delnaga. *Pat. fiziol. i eksp. terap.* 10 no. 2:81 Mr-Apr '66.

SERUM THERAPY

- Effect of hyaluronidase on the activity of hyperimmune antitrypsinolytic serum. A.A. Shpakovskii. *Uch. zap. Vitebs. vet. inst.* 10:228-233 '64.

SERVICE INDUSTRIES see subdivision under Kazakhstani

SERVICE STATIONS

- Experience in operating mobile service stations. A.K. Rist. *Transp. i khim. nef. i nefteprod.* no. 5:33-36 '66.
- Remarks on standard designs of service stations. V.G. Zaitsev, P.N. Khrykin. *Transp. i khim. nef. i nefteprod.* no. 2:20-22 '65.

SERVICE STATIONS—EQUIPMENT AND SUPPLIES

- Improved fuel filling columns. I.V. Zhorov. *Transp. i khim. nef. i nefteprod.* no. 5:36-39 '66.

SERVOMECHANISMS

(see also subdivision under Armenia)

Analysis of the output voltage function of a multiterminal precise tracking channel, taking into account fringe fields. IU, M. Pul'er, V. B. Davydov. Trudy MIIT no. 211:71-86 '65.

Considering the quantization by the level in modeling digital servosystems. I. D. Cherepenin. Izv. vys. ucheb. zav.; prib. 9 no. 2:48-51 '66.

Designing a pneumatic servomechanism with a jet pipe. V. I. Rabinovich. Izv. vys. ucheb. zav.; mashinostr. no. 2:83-88 '66.

Distance-type angle measuring device for decoding motion-picture records in studying the motion of plants. P. A. Degliarev, O. V. Ivanov. Sbor. trud. po agron. fiz. no. 12:224 '65.

Methods for controlling the communication line between relays. A. A. Denisov, V. P. Shabdashov. Izv. vys. ucheb. zav.; elektromekhl. 9 no. 4:443-451 '66.

Quality indices of an instrument servosystem having a backlash-type nonlinearity. V. A. Khokhlov. Izv. vys. ucheb. zav.; prib. 9 no. 2:42-47 '66.

SERVOMECHANISMS—OSCILLATIONS

Investigating natural oscillations in a servosystem having a step-by-step slave motor. M. N. Glazov. Izv. vys. ucheb. zav.; prib. 9 no. 2:52-57 '66.

SEVAN LAKE REGION—GEOLOGY, STRUCTURAL

Tectonic structure of the northeastern shore of Lake Sevan. L. S. Melikian. Izv. AN Arm. SSR. Nauki o zem. 19 no. 1:252-62 '66.

SEVERNYY SOKH OIL FIELD—PETROLEUM PRODUCTION

On a volunteer basis. B. Nikolaev. Neftefak 10 no. 5: 17 My '65.

SEWAGE—MICROBIOLOGY

"Bacteriological tracking" method for the detection of typhoid fever bacteria carriers. A. M. Zaritskii. Zhur. mikrobiol., epid. i immunit. 41 no. 7:94-99 Ji '64.

SEWAGE IRRIGATION

Shal'ta, Manfred. [Year-round sewage irrigation] Kruglogodovoe oroshenie stochnymi vodami. Moskva, Kotsa, 1965. 190 p. (DNAL)

SEWERAGE

Unfortunate errors in the textbook "Sewerage." B. F. Levitskii. Izv. vys. ucheb. zav.; stroit. i arkh. 9 no. 3:142-143 '66.

SEWERAGE—DESIGN AND CONSTRUCTION

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for designing general sewers for underground systems in settlements] Ukazaniia po projektirovaniu obshchikh kollektorov dlia podzemnykh setei naselennykh mest (SN 329-65). Moskva, Stroizdat, 1966. 32 p.

SEWING MACHINES—ATTACHMENTS

Attachment for inserting decorative binding simultaneously with the sewing of two parts. G. V. Ivanov. Shvein. prom. no. 2:31-32 Mr-Apr '66.

Automatic thread winder for bobbin spooling on 22A Class sewing machines. M. M. Zelf, G. V. Kudinovich. Shvein. prom. no. 2:32-33 Mr-Apr '66.

SEX (BIOLOGY)

Effect of heterocyclic amino acids on the development of chicken embryos and the formation of their sex. L. M. Zhmurin. Khim. v sel'. khoz. 4 no. 6:62-64 My '66.

SHABENDE, ca. 1720-1799

Historical and literary sources of Shabende's epic works. M. Ovezgol'nyev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:58-66 '66.

SHAFT SINKING

Boring of a mine shaft 2,226 m deep. N. K. Golovachev. Shakht. stroit. 10 no. 4:30-31 Ap '66.

Conditions of the stability of rock outcropping in vertical workings. G. A. Mataev, T. B. Malachukhanov. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:34-37 '66.

SHAFT SINKING—EQUIPMENT AND SUPPLIES

(see also subdivision under Pechora Basin)

Economic efficiency of the complex drilling of holes with the BUKS-1 boring machine. R. G. Mordukhovich. Gor. zhur. no. 5:50-51 My '66.

Efficiency of using mining machine units. V. V. Baranov, A. I. Gorbacheva. Shakht. stroit. 10 no. 4:2-5 Ap '66.

Nov VPS-16 high-pressure mine fans. G. A. Babak and others. Shakht. stroit. 10 no. 4:5-7 Ap '66.

SHAFTING

Centering a short propeller shaft on roller bearings with calculated tolerances. M. S. Moldavskii. Sudostroenie no. 9:58-59 S '65.

Measuring the force acting on the thrust bearing of the propeller shaft during the operation of the ship. K. Nebesnov. Mor. flot 24 no. 1:30-31 Ja '64.

Side shaft of the icebreaker. IU, S. Samoilov. Sudostroenie no. 9:35 S '65.

SHAFTING—VIBRATION

Appearance of radial vibrations with shocks in a shaft on ball bearings. V. S. Bolarinov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:121-123 '66.

Calculating natural frequencies of torsional vibrations of a branched shaft duct. N. I. Korolev. Izv. vys. ucheb. zav.; mashinostr. no. 3:104-109 '66.

SHAKESPEARE, WILLIAM, 1564-1616

April 23, before and after (to be continued). N. Krymova. Teatr 25 no. 9:124-131 S '64.

William Shakespeare, our contemporary. Sem'ia i shkola 21 no. 4:44 Ap '66.

SHAKHDAG RANGE—ROCKS, IGNEOUS

Chatindara intrusive complex in the Shakhdag Range (Lesser Caucasus). R. N. Abdullaev, G. I. Kerimov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 3:97-104 '64.

SHAKHPAKHYTY GAS FIELD—GAS, NATURAL—GEOLOGY

New data on the geology and gas occurrences in the Shakhpakhyty Uplift in the Ustyurt. T. U. Aliev and others. Geol. nefti i gaza 10 no. 5:10-14 My '66.

SHAKHR-ISLAM (TURKMENISTAN)—WATER SUPPLY

Water supply of the medieval city of Shahr-Islam and the irrigation of its surroundings. E. Atakaryov, K. Narberdiyev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:81-85 '66.

SHAPOSHNIKOV, BORIS MIKHAILOVICH, 1882-1945

In the Moscow Military School (to be continued). B. M. Shaposhnikov. Voenn.-ist. zhur. 8 no. 6:76-90 Je '66.

SHAUMIAN, STEPAN GEORGIEVICH, 1878-1918

Dubinskii-Mukladze, I. M. Shaumian. [Moskva] Molodaia gvardiia, 1965. 335 p. (Zhizn' zamechatel'nykh liudei. Seriya biografii, no. 29 (417))

SHAW, GEORGE BERNARD, 1856-1950

Grazhdanskala, Z. T. [Bernard Shaw: study of his life and work] Bernard Shaw: ocherk zhizni i tvorчества. Moskva, Prosveshchenie, 1965. 210 p. (MI)

SHCHUKIN, IVAN SEMENOVICH, 1885-

Outstanding geographer and explorer. N. A. Gvozdet'skii. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:4-11 Mr-Apr '65.

Problems of geomorphology in Ivan Semenovich Shchukin's work. A. I. Spiridonov. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:12-18 Mr-Apr '65.

SHEARS (MACHINE TOOLS)

Dense modifications of germanium and silicon produced under the simultaneous action of high pressure and shearing stress. L. F. Vereshchagin, E. V. Zubova, K. P. Bardina. Dokl. AN SSSR 168 no. 2:314-315 My '66.

Device with hydraulic transducer for the measured cutting-off of blanks. V. T. Meshcherin, IU. A. Maksin. Kuz.-shtam. protzv. 8 no. 4:25-31 Ap '66.

SHEARS (MACHINE TOOLS)—TESTING

Investigating the cold cutting of metals and the dynamics of the AN-50M alligator shears. IA. M. Raskin, V. A. Zdaneych, V. I. Litvishkov. Izv. vys. ucheb. zav.; mashinostr. no. 11:162-169 '64.

SHEEP

(see also subdivision under Kazakhstan)

Effect of selenium on the productivity and quality of meat in sheep. F. IA. Berenshtein and others. Khim. v sel'. khoz. 4 no. 5:47-49 My '66.

SHEEP—DISEASES AND PESTS

(see also subdivision under Daghestan; Semipalatinsk Province)

Experimental Dendrocythium poisoning in sheep. I. A. Kurmanov. Trudy VNIIS 16:373-378 '60.

Votkova, A. A., R. S. Gatiev, and V. I. Ovcharenko. [Necrobacillosis in sheep] Nekrobatsilloz ovets. Frunze, Ilim, 1965. 180 p. (DNAL)

SHEEP—FEEDING AND FEEDS

(see also subdivision under Kazakhstan)

Nutrition and the productive functions of the skin. I. I. Troitskii. Trudy VNIIS 16:284-288 '60.

Use of urea and sulfur in feeding sheep. T. M. Karalun, I. Z. Akhmetov. Khim. v sel'. khoz. 4 no. 5:81-82 My '66.

SHEEP—PARASITES see Parasites—Sheep

SHEET METAL—WELDING

Engineering features of the manufacture of gabarit welded tanks. V. Gorbachev. Prom. stroit. i inzh. soor. 6 no. 4:46-47 Ji-Ag '64.

SHEET METAL WORK

Elongation coefficient during explosive forming. O. D. Antonov and others. Kuz.-shtam. protzv. 8 no. 5:26-27 My '66.

Kurenov, A. D. [Handbook for the young metal worker in forging and sheet-metal work] Spravochnik molodogo kuznetsa-shtamposhebnika. Izd. 2., perer. i dop. Moskva, Vysshala shkola, 1966. 288 p.

Method of determining the ability of a sheet metal to undergo plastic forming. N. P. Kolesnikov. Kuz.-shtam. protzv. 8 no. 5:23-26 My '66.

Stretch forming of sheet metal with vibration. I. N. Sorokin and others. Kuz.-shtam. protzv. 8 no. 4:23-24 Ap '66.

SHEET METAL WORKING MACHINERY

Determining the necessary thickness of a die bolster plate. S. M. Khmara, A. A. Kolomoisev, V. P. Smolnashov. Kuz.-shtam. protzv. 8 no. 4:20-21 Ap '66.

Loskutov, V. A. [Mechanization of the adjustment of dies in sheet-metal work] Mekhanizatsia ustanovki shtamпов v listostampovom protzvodstve. Moskva, Mashinostroenie, 1966. 93 p.

SHEET METAL WORKING MACHINERY—EQUIPMENT AND SUPPLIES

Device with hydraulic transducer for the measured cutting-off of blanks. V. T. Meshcherin, IU. A. Maksin. Kuz.-shtam. protzv. 8 no. 4:25-31 Ap '66.

SHEET STEEL—COOLING

Studying convective heat exchange during the jet cooling of a steel strip. V. N. Apierman and others. Stal' 26 no. 5:472-475 My '66.

SHELL ROOFS see Roofs, Shell

SHELLS

Lithification of shells in the coastal zone. IU, D. Shafitskii. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2:71-72 Mr-Apr '65.

SHELLS (ENGINEERING)

Effect of the initial unevenness on the stressed state of the boiler of a tank carrying an internal pressure load. V. N. Koturanov. Trudy MIIT no. 194:228-234 '66.

Elastoplastic strains and stresses in the conjugation joint of a cylindrical and conical shell reinforced with a flexible ring. E. B. Gorbachev. Trudy MIIT no. 225: 23-27 '66.

Precast reinforced concrete cylindrical latticed shell arches in industrial construction and bridge building. B. A. Petukhov. Trudy Kish. politekh. inst. no. 2:38-48 '64.

Reinforced concrete shells serving as foundations for industrial, residential, and public buildings and structures. A. N. Tetlov. Izv. vys. ucheb. zav.; stroit. i arkh. 9 no. 2:13-17 '66.

Stability and natural vibrations of truncated structurally orthotropic conical shells. V. F. Natushkin, A. N. Kirichenko. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:73-79 '66.

SHELLS (ENGINEERING)—VIBRATION

Natural vibrations of a two-layer circular cylindrical shell with elastic connections. V. M. Ilyshov. Izv. vys. ucheb. zav.; mashinostr. no. 3:30-35 '66.

SHEREMET'EV, MIKHAIL PETROVICH, 1905-

Mikhail Petrovich Sheremet'ev; on his 60th birthday. Fiz.-khim. mekh. mat. 1 no. 6:635-636 '65.

SHERRY see subdivision under Armenia

SHEVCHENKO, TARAS HRYHOROVYCH, 1814-1816

Fifteenth Academic Shevchenko Conference. Rad. lit. 10 no. 5:93-94 My '66.

Shevchenko Memorial Committee, Minnesota Branch. Taras Shevchenko; memorial book of Minnesota. Taras Shevchenko; propamiatna knyha Minnesoty. Minneapolis, 1966. 37 p.

SHIGELLA

Comparison of manoli-negative groups and Boyd-Novgorod types of Shigella with types designated by international classification. E. D. Ravich-Birger, E. A. El'chinova, L. D. Peremintina. Zhur. mikrobiol., epid. i immunit. 41 no. 7:47-50 Ji '64.

Isolation of the asymptomatic-dependent forms of dysentery bacilli. V. P. Dzhampoladova and others. Zhur. mikrobiol., epid. i immunit. 41 no. 7:153-154 Ji '64.

Resistance of dysentery bacilli to antibiotics in vitro. L. I. Kalitsova. Zhur. mikrobiol., epid. i immunit. 41 no. 7:25-29 Ji '64.

SHIGELLA—CULTURES AND CULTURE MEDIA

Study on atypical dysentery strains and the methods of their indication. L. M. Shmutter. Zhur. mikrobiol., epid. i immunit. 41 no. 7:151 Ji '64.

SHKHINA, ROZAL'IA

On a measured basis. N. Balakin. Krii. rod. 16 no. 4: 15 Ap '65.

SHIP HANDLING

Handling a vessel during maneuvering in a current with the aid of the auxiliary steering device. A. Vasil'ev, V. Beloglazov. *Rech. transp.* 23 no. 2:40-41 F '64.

SHIP PROPULSION

Operating modes of power plants. L. Landa. *Mor. flot* 26 no. 4:20-30 Ap '66.

SHIP PROPULSION, ELECTRIC—TESTING

Discharging gear in testing electric propelling machinery. I. N. Avik, V. D. Vylkost. *Sudostroenie* no. 9:38-40 S '65.

SHIP TRIALS

Results of sea trials of ships of the designs 516, 1000, 800, 791, and 558. I. U. Beliak. *Rech. transp.* 25 no. 4:35-38 '65.

Zviagin, A. D., and V. V. Shabarov. [Testing the strength and vibration of hydrofoil boats] Ispytaniya prochnosti i vibratsii sudov na podvodnykh kryl'akh. Leningrad, Sudostroenie, 1965. 211 p.

SHIPBUILDING

Beginning of shipbuilding in the north. S. I. Kirillov. *Sudostroenie* 56 no. 3:84-85 Mr '66.

Reinforcement of rabbets. A. B. Tkachuk, A. N. Tkachuk. *Sudostroenie* 56 no. 3:68 Mr '66.

The "Sudimport" on the world market. P. Rezhkin. *Vnesh.torg.* 46 no. 4:34-35 '66.

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Attachment for the assembly of plane sections. L. M. Boblikov, E. F. Korol'. *Sudostroenie* 56 no. 3:69 Mr '66.

SHIPBUILDING—LAWS AND REGULATIONS

Russia (1917- R.S.F.S.R.) *Rechnot registr.* [Instruction for the technical control of the building and major overhauling of ships sailing inland waterways. In effect by order No. 123 of the Ministry of River Transportation of September 4, 1965] Instruktسيا po tekhnicheskomu nabludeniu za postroiko i kapital'nym remontom sudov vnutrennego plavaniia. Vvedena v deistvie prikazom MRF No. 123 ot 4 sentiabria 1965 g. Moskva, Transport, 1966. 195 p.

SHIPBUILDING—TECHNOLOGICAL INNOVATIONS see subdivision under Gomei'

SHIPPING

(see also subdivision under Amur River; Volga-Baltic Sea Waterway)

Selection of the optimal complex of technological means for the delivery of freight. B. A. Atlas, S. S. Gdalevich. *Ekon. i mat. metod.* 2 no. 3:394-405 My-Je '66.

SHIPS

Overall technical and economic evaluation of the ship and its power plant by the use of sound indices. L. N. Muchnik, V. I. Zhurilov. *Sudostroenie* no. 9:32-33 S '65.

SHIPS—AIR CONDITIONING

Development of air-conditioning systems for the living quarters of ships. V. M. Shamshin. *Sudostroenie* no. 9:22-25 S '65.

SHIPS—ANODE PROTECTION

Theoretical evaluation of the effect of the propeller on the electrochemical protection of the counter. I. I. A. Iosel', E. S. Kochanov, M. G. Strunski. *Sudostroenie* 56 no. 3:59-63 Mr '66.

SHIPS—CATHODIC PROTECTION

Electrochemical link as the regulation object in the cathodic protection system. V. F. Miaschin. *Trudy TSNIME* no. 77:49-60 '65.

SHIPS—EQUIPMENT AND SUPPLIES

Evolution of hoisting devices for ship lifeboats and launches. R. M. Mel'nikov. *Sudostroenie* 56 no. 3:72-77 Mr '66.

Operation of the hydraulic deck crane of the motor ship "Blysk." M. M. Valdaev. *Sudostroenie* 56 no. 3:15-17 Mr '66.

SHIPS—HATCH COVERS

Some hatch cover systems. N. Grachev. *Mor. flot* 26 no. 4:32-33 Ap '66.

SHIPS—LAUNCHING

Calculation of chain arresters. I. U. P. Bellavin and others. *Sudostroenie* 56 no. 3:63-65 Mr '66.

SHIPS—MAINTENANCE AND REPAIR

Combining the washing of parts and application of a temporary protective coating in the repair of machines and mechanisms. E. N. Polulakhov. *Sudostroenie* no. 9:59-59 S '65.

Preservation in winter. V. Putilov. *Tekh. i vooruzh.* 24 no. 1:50-52 Ja '66.

Russia (1917- R.S.F.S.R.) *Rechnot registr.* [Instruction for the technical control of the building and major overhauling of ships sailing inland waterways. In effect by order No. 123 of the Ministry of River Transportation of September 4, 1965] Instruktسيا po tekhnicheskomu nabludeniu za postroiko i kapital'nym remontom sudov vnutrennego plavaniia. Vvedena v deistvie prikazom MRF No. 123 ot 4 sentiabria 1965 g. Moskva, Transport, 1966. 195 p.

Russia (1923- U.S.S.R.) *Registr Soiuza SSR.* [Rules of the classification and building of seagoing vessels] Pravila klassifikatsii i postroiki morskikh sudov. Moskva, Transport.

Pl. 3. [Ship installations and equipment] Sudovye ustroistva i oborudovanie. Sec. 7. [Emergency equipment] Avarinoe snabzhenie. 1965. 59 p.

Specialization as the basis of technical progress at ship repair yards. G. Kruglyi, N. Driaklov. *Mor. flot* 26 no. 4:34-36 Ap '66.

SHIPS—PAINTING

Synthetic materials in ship repair. Sh. Shleimovich. *Rech. transp.* 23 no. 2:22-23 F '64.

SHIPS—SAFETY APPLIANCES

Russia (1923- U.S.S.R.) *Registr Soiuza SSR.* [Rules of the classification and building of seagoing vessels] Pravila klassifikatsii i postroiki morskikh sudov. Moskva, Transport.

Pl. 3. [Ship installations and equipment] Sudovye ustroistva i oborudovanie. Sec. 7. [Emergency equipment] Avarinoe snabzhenie. 1965. 59 p.

SHIPS—WELDING

For further introduction of welding techniques in ship repair. P. Turehin. *Mor. flot* 24 no. 1:29-30 Ja '64.

SHIPS, ALUMINUM

Some results of the operation of aluminum-alloy ships. S. Kniazev. *Rech. transp.* 25 no. 4:63 '66.

SHIPS, CONCRETE

Outlook for the use of sand concretes in the construction of reinforced concrete and mesh-reinforced concrete ships and the sealing of section joints. V. A. Mishutin. *Sudostroenie* no. 9:51-56 S '65.

SHIPYARDS

(see also subdivision under Leningrad)

Gelsov, I. E. [Design of ship repairing and building enterprises; a school manual] Proektirovanie sudoremontnykh i sudostroitel'nykh predpriatii; uchebnyi spravochnik. Moskva, Transport, 1966. 231 p.

SHIPYARDS—DESIGN AND CONSTRUCTION

Assembling the steel frame of a shipyard with continuous span pieces. A. Z. Tsinirnovich. *Prom. stroi.* 43 no. 5:22-26 '65.

SHIPYARDS—MANAGEMENT

For economy and thrift. A. Praisman. *Rech. transp.* 25 no. 4:29 '66.

Introducing the continuous planning system at shipyards. I. F. Alekseev, A. S. Filakov. *Sudostroenie* 56 no. 3:51-53 Mr '66.

SHIRVAN STEPPE—WATER, UNDERGROUND

History of the geological development of underground water basin in the Shirvan Steppe. S. O. Rosulov. *Izv. AN Azerb. SSR. Ser. geol. -geog. nauk* no. 5:50-53 '65.

SHIVANDA (CHITA PROVINCE)—HEALTH RESORTS, WATERING PLACES, ETC.

Effectiveness of treating hypertension in Shivanda Health Resort. E. G. Demidova. *Vop. kur. fizioter. i lech. fiz. kul't.* 20 no. 5:459-460 S-O '64.

SHKVARIN, VASILII VASIL'EVICH, 1893-

Comedy-farce. I. Shok. *Teatr* 25 no. 9:87 S '64.

SHIMAKOV, PAVEL VASIL'EVICH, 1885-

A pioneer of Soviet television. M. Lukin. *Radio* no. 12:17 D '65.

SHOCK

Change in the content of proteins and protein fractions of the blood serum in trauma complicated by shock and hemorrhage. F. V. Kuz'mina, I. M. Mel'mus, Vest. khir. 96 no. 4:65-66 Ap '66.

Effect of hypophysectomy and compensatory administration of ACTH on the development of blood transfusion shock with acute edema of the lungs and tachyphylaxis. G. V. Kurygin, R. L. Barskii. *Probl. endok. i gorm.* 10 no. 2:62-67 Mr-Apr '64.

Neuroendocrine disorders in traumatic shock and terminal states. E. V. Pashkovskii, A. A. Dyakin. *Vest. khir.* 96 no. 4:35-38 Ap '66.

SHOCK WAVES

Correlations between the seismic effect of explosions and the effect of rock crushing during short-delay blasting operations. V. P. Veltuzhskikh, P. S. Danchev, V. N. Zelenin. *Zvryv. delo* no. 59/10:202-209 '66.

Shock waves in a gas - dust medium. E. I. Gdalevich, S. A. Kaplan. *Astrofizika* 1 no. 4:475-477 D '65.

Stability of shock waves in arbitrary media. S. K. Aslanov. *Dop. AN URSSR* no. 4:423-426 '66.

SHOE INDUSTRY see subdivision under Armenia; Kiev; Lyubinskiy District

SHOPPING CENTERS see subdivision under Europe, Western

SHOR-SU REGION (UZBEKISTAN)—SULFUR—ANALYSIS

Study of the composition of liquid inclusions in the crystals of native sulfur. N. P. Iudin, B. I. Serebrovskii. *Min. shor.* 19 no. 2:229-236 '65.

SHORT WAVE THERAPY

Ultrahigh-frequency therapy in the early postoperative period; surgery on the joints. V. I. Gol'dbat. *Ortop., travm. i protez.* 25 no. 10:73 O '64.

SHORTWAVE RADIO see Radio, Shortwave

SHOT PEENING

Effect of strain hardening on the heat resistance of 3Kh218 die steel. S. A. Dvornik, N. N. Dubrovskii, E. P. Pukhovskii. *Dokl. AN SSSR* 10 no. 5:326-330 My '66.

SHOULDER JOINT

Treatment and prevention of postburn contractures of the shoulder joint. N. E. Povstianov. *Khirurgia* 42 no. 2:35-40 F '66.

SHOULDER JOINT—BLOOD SUPPLY

Arterial vessels of the shoulder joint muscles of a horse. L. A. Guseva. *Trudy Mosk. vet. akad.* 10:230-291 '66.

SHOULDER JOINT—DISLOCATION

Use of lavage in surgical treatment of habitual dislocation of the shoulder. V. V. Iudin, *Khirurgia* 42 no. 2:143 F '66.

SHOW WINDOWS

An artist's advice. I. U. Arkhangel'skii. *Kinzh. torg.* 17 no. 5:26 My '66.

SHRIMPS

(see also subdivision under Indian Ocean)

New shrimp species from the genus *Bythocaris* and some problems of its zoogeography. R. N. Burdakov. *Zool. zhur.* 45 no. 4:536-543 '66.

SHRUBS see subdivision under Mirmansk Province

SHTEIN, ALEKSANDR PETROVICH, 1906-

Responsibility of a dramatist; about one unsuccessful play. *Teatr* 25 no. 9:15-17 S '64.

SHUBIN, FEDOT IVANOVICH, 1740-1805

Konechey, K. I. [Tale about Fedot Shubin] Povest' o Fedote Shubine [Arkhangel'sk] Arkhangel'skoe knazhnoe izd-vo, [1959] 208 p.

SHVARTS, EVGENII L'VOVICH, 1896-1958

[We knew Evgenii Shvarts] My znali Evgenia Shvarta. [By] M. Sionitskii i dr. Leningrad, Iskusstvo, 1958. 228 p.

SIALIC ACIDS

Histochemical detection of sialic acids. G. M. Mogil'nata. *Arkh. pat.* 28 no. 3:77-79 '66.

SIAUCIUNAITIS, ADELE, 1914-1938

Rackauskas, Kazimieras. [For a better life; Adele Siauciumaitis] Tagvyuoja gyvenimas; Adele Siauciumaitis. Vilnius, Mintis, 1965. 86 p. [In Lithuanian]

SIBERIA—ANTHROPOGEOGRAPHY

Principles of the separation of biogeographic categories as revealed by a study made in the Jurassic and Neocomian seas in Northern Siberia. N. I. Shul'gina. *Geol. i geofiz.* no. 2:15-24 '66.

SIBERIA—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Deterioration of structural elements of apartment houses in the central area of Siberia. N. Nasonov. *Zhil. stroi.* no. 8:11-13 '64.

SIBERIA—DESCRIPTION AND TRAVEL

Alekseev, G. N., and K. F. Volkovskii. [By car from Yakutsk to Moscow] Yakutsk - Moskva na avtomobile. Moskva, Mysl', 1966. 207 p. illus. (Puteshestvia, priklucheniia, fantastika)

SIBERIA—DISCOVERY AND EXPLORATION

Novlanskala, M. G. [Philip Johan Stralenberg; his works on the exploration of Siberia] Filipp Johan Stralenberg; ego raboty po issledovaniu Sibiri. Moskva, Nauka, 1966. 93 p. (Nauchno-biograficheskaya seriya)

SIBERIA—EDUCATION

Soskin, V. L. [Studies on the history of Siberian culture during the revolution and the civil war, from late 1917 through early 1921] Ocherki istorii kul'tury Sibiri v gody revoliutsii i grazhdanskoi volny (konets 1917-nachalo 1921 gg.) Novosibirsk, Nauka, 1965. 279 p.

SIBERIA—FIR

Prospects of fir boiling. I. U. M. Kulomzin. *Gidroliz. i lesokhim. prom.* 19 no. 4:30-31 '66.

SIBERIA—FOREST SOILS

Method for cultivating forest soils in the northern taiga zone. A. N. Skolozubova-Golianovskaya, V. I. Iltis, prim. udob. na plod. poch., i prod. sevoobor. no. 2:5-30 '64.

SIBERIA—FRUIT CULTURE

Siberia will become a country of flowering orchards. M. A. Lisavenko, Vest. sel'khoz. nauki 11 no. 4:15-17 Ap '66.

SIBERIA—GEOLOGY, STRATIGRAPHIC

Geological conditions governing the occurrence of the Moserian site in Siberia. O. M. Adamenko, Sov. geol. 9 no. 5:156-159 My '66.

Information on the history of studying the stratigraphy of Cambrian sediments in Siberia. A. A. Preshtetskii, Geol. i geofiz. no. 2:150-151 '66.

SIBERIA—HISTORY

Akademiya nauk SSSR, Sibirskoe otdelenie. [Siberia in the period of feudalism] Sibir' perioda feodalizma. Novosibirsk, Nauka. (Materialy po istorii Sibiri) No. 2. [The economy, government, and culture of Siberia from the 16th through the 19th century] Ekonomika, upravlenie i kul'tura Sibiri XVI-XIX vv. 1965. 363 p.

When did the annexation of Siberia by Russia begin? V. L. Dulov, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:112-116 '64.

SIBERIA—INDUSTRIAL MANAGEMENT

Planning for the economic mastering of new enterprises. Z. P. Korovina, G. L. Igolnikov, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:14-21 '64.

SIBERIA—INDUSTRIES

Economic necessity for accelerated technological progress in the industry of Siberia. Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:3-13 '64.

SIBERIA—LABOR AND LABORING CLASSES

Dokuchaev, G. A. [The working class of Siberia and the Far East on the eve of the Great Patriotic War, 1937-June 1941] Rabochii klass Sibiri i Dal'nego Vostoka kakimue Velikoi Otechestvennoi volny, 1937-Iun' 1941 gg. Otv. red. B. P. Orlov. Novosibirsk, Nauka, 1966. 186 p.

SIBERIA—LABOR AND LABORING CLASSES—EDUCATION

New stage in the upsurge of the technical and cultural level of the working class during the period of the large-scale building of communism; based on the materials from Siberia and the Far East. G. A. Dolukhaev, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:102-111 '64.

SIBERIA—MILK, CONDENSED

Studying the causes of defects in sweetened condensed milk, and the methods of their elimination applied at the Canned Milk Combine in Lihlin. K. G. Martynova, Trudy VNIMI [Mol.] no. 23:74-81 '65.

SIBERIA—REVOLUTION, 1917-1921

Soskin, V. L. [Studies on the history of Siberian culture during the revolution and the civil war, from late 1917 through early 1921] Ocherki istorii kul'tury Sibiri v gody revoliutsii i grazhdanskoi volny (konets 1917-nachalo 1921 gg.) Novosibirsk, Nauka, 1965. 279 p.

SIBERIA—RUSSIAN LITERATURE—HISTORY AND CRITICISM

Dergacheva-Skop, E. I. [From the history of the 17th century literature of the Urals and Siberia] Iz istorii literatury Urala i Sibiri XVII veka. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 162 p. (Doklady Sverdlovskogo literaturnogo muzeya im. D. N. Mamina-Sibiriaka)

SIBERIA—SAWFLIES

Sawfly Hoplecompa ephippiata Knn., a pest of the Siberian apple tree. B. N. Verzhutskii, E. V. Poliakova, Zool. zhur. 45 no. 5:775 '66.

SIBERIA—SAWMILLS

Baranov, S. A., and V. F. Vetsheva. [Sawing large logs at Siberian and Far East plants] Raspilovka krupnomernykh breven na zavodakh Sibiri i Dal'nego Vostoka. Moskva, Lesnaya promyshlennost', 1966. 50 p.

SIBERIA—TECHNOLOGY

Economic necessity for accelerated technological progress in the industry of Siberia. Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:3-13 '64.

SIBERIA—UNIONIDAE

Mass death of Unionidae in Siberia. V. V. Bogachev, Biol. Kom. chetv. per. no. 32:96-99 '66.

SIBERIA—VALLEYS

Ancient river valleys and their significance for the construction of hydroelectric power stations as revealed by a study made in the Far East and Siberia. L. A. Nikituk, Trudy Leningradskoi 2:80-94 '65.

SIBERIA, EASTERN—GEOLOGY, STRUCTURAL

History of the development of the far northeast of the U. S. S. R. in the Neogene and Quaternary. A. A. Naimark, Izv. vys. ucheb. zav. i geol. i razv. 9 no. 5:3-9 My '66.

SIBERIA, WESTERN—AERONAUTICS, COMMERCIAL

Work creatively, in the new way. V. Niskorodov, Grazhd. av. 23 no. 6:6-7 Je '66.

SIBERIA, WESTERN—AGRICULTURE—ECONOMIC ASPECTS

The commodity level of agriculture in the state-owned villages assigned to factories of Western Siberia in the pre-reform period. G. P. Zhidkov, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:117-125 '64.

SIBERIA, WESTERN—AGRICULTURE, COOPERATIVE

From the history of the origin of socialist collective agriculture in Western Siberia, 1920-1921. L. M. Gorushkin, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:91-101 '64.

SIBERIA, WESTERN—AMPHIBIANS

Ecology and significance of the amphibians and reptiles of the plain taiga of Western Siberia. E. I. Streikov, Uch. zap. TGPI 21:93-105 '64.

SIBERIA, WESTERN—CLAY

Study of the expansion process of clay shale of Western Siberia during rapid roasting. B. N. Vinogradov, L. N. Vrublevskii, Sborn. trud. VNISTROM no. 5:49-65 '65.

SIBERIA, WESTERN—ELECTRIC PROSPECTING

Basic principles of the method for field calculation. R. I. Rabinovich, Prikl. geofiz. no. 43:47-59 '65.

SIBERIA, WESTERN—FISH CULTURE

Ioganzon, B. G., and G. M. Krivoshechekov. [Fish culture in Western Siberia and northern Kazakhstan] Rybovodstvo Zapadnoi Sibiri i Severnogo Kazakhstana. Moskva, [Kolos] 1965. 100 p.

SIBERIA, WESTERN—FOOD CONSUMPTION

Some problems of the analysis of the level of food consumption in Western Siberia. Z. P. Gordeeva, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:83-90 '64.

SIBERIA, WESTERN—GLACIAL EPOCH

Flow of Western Siberian rivers in glacial epochs. G. I. Lazukov, Biol. Kom. chetv. per. no. 32:9-17 '66.

SIBERIA, WESTERN—INDUSTRIAL MANAGEMENT

Indices of the plan and business accounting in industrial enterprises. F. I. Solodovnikov, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:58-65 '64.

SIBERIA, WESTERN—LOCOMOTIVES—MAINTENANCE AND REPAIR

What conclusions can be made from the analysis of the balance of the production and financial work in the Moskovskaya Depot. I. I. Solokov, D. T. Paigin, I. I. Trebur, Elek. i tepl. tuga 10 no. 4:6-11 Ap '66.

SIBERIA, WESTERN—PALEONTOLOGY, STRATIGRAPHIC

Stratigraphic significance of the fauna of small Early Pleistocene mammals in Western Siberia. V. S. Zashiglin, Biol. Kom. chetv. per. no. 32:46-50 '66.

SIBERIA, WESTERN—PEAT

Peat and its utilization in the agriculture of Siberia. G. N. Bilibov, L. P. Romanova, A. F. Borovkova, Uch. zap. TGPI 21:3-15 '64.

SIBERIA, WESTERN—PETROLEUM GEOLOGY

Ratio of titanium minerals as an index of the time of formation of the Ust'-Balyk oil field (Western Siberia). G. E. Prozorovich, Dokl. AN SSSR 168 no. 3:650-653 My '66.

SIBERIA, WESTERN—PETROLEUM PRODUCTION

Western Siberia. E. A. Mazanov, Neft. khoz. 44 no. 4: 6-9 Ap '66.

SIBERIA, WESTERN—PIPELINES

Peculiarities of pipeline construction in Western Siberia. N. P. Ignatov, Stroitel'no-prov. no. 6:5-7 Je '65.

SIBERIA, WESTERN—PLANTS, PROTECTION OF—CONGRESSES

At the session of the All-Union Academy of Agricultural Sciences. I. U. Novinskii, Zashch. rast. 11 no. 5:57 '66.

SIBERIA, WESTERN—REPTILES

Ecology and significance of the amphibians and reptiles of the plain taiga of Western Siberia. E. I. Streikov, Uch. zap. TGPI 21:93-105 '64.

SIBERIA, WESTERN—REVOLUTION, 1917-1921

History of the 210th Regiment of Ukrainian Riflemen. I. Plotnikov, Voen.-ist. zhur. 8 no. 4:112-115 Ap '66.

SIBERIA, WESTERN—RIVERS

Flow of Western Siberian rivers in glacial epochs. G. I. Lazukov, Biol. Kom. chetv. per. no. 32:9-17 '66.

SIBERIA, WESTERN—RODENTS, FOSSIL

Stratigraphic significance of the fauna of small Early Pleistocene mammals in Western Siberia. V. S. Zashiglin, Biol. Kom. chetv. per. no. 32:46-50 '66.

SIBERIA, WESTERN—STATE FARMS

Grain. L. Ivanov, Kommunist 43 no. 8:27-36 My '66.

SIBERIA, WESTERN—TITANIUM ORES

Ratio of titanium minerals as an index of the time of formation of the Ust'-Balyk oil field (Western Siberia). G. E. Prozorovich, Dokl. AN SSSR 168 no. 3:650-653 My '66.

SIBERIAN PLATFORM—ALUMINUM OXIDE

Weathering surface of kimberlites in the Siberian Platform as a source of alumina in bauxite formation. M. S. Kashtanov, Dokl. AN SSSR 168 no. 3:672-674 My '66.

SIBERIAN PLATFORM—GEOLOGICAL TIME

Separation of Paleogene sediments in the boundaries of the southern part of the Siberian Platform. G. I. Tarakanova, Sov. geol. 8 no. 9:130-131 S '65.

SIBERIAN PLATFORM—GEOLOGY, STRUCTURAL

History of the geological development of the southern part of the Siberian Platform in the Pre-Cambrian. A. A. Prokofiev, Geol. i geofiz. no. 2:3-14 '66.

SIBERIAN PLATFORM—ORE DEPOSITS

Role of deep faults in the distribution of the facies of metamorphism and the endogenetic Pre-Cambrian mineralization in the folded margin of the southern part of the Siberian Platform. V. A. Durtak, M. I. Lobanov, P. M. Kirenov, Dokl. AN SSSR 168 no. 2: 404-406 My '66.

SIBERIAN PLATFORM—PALYNOLOGY

Separation of Paleogene sediments in the boundaries of the southern part of the Siberian Platform. G. I. Tarakanova, Sov. geol. 8 no. 9:130-131 S '65.

SIBERIAN PLATFORM—PYRRHOTITE

Temperatures of the formation of pyrrhotite and find of troilites in some trap intrusions. V. V. Zolotarev and others, Geol. i geofiz. no. 2:77-87 '66.

SIBERIAN PLATFORM—ROCKS, IGNEOUS

Characteristics of the petrogenesis of trap rocks under various conditions of intrusion. I. I. Dmitriev, Izv. AN SSSR, Ser. geol. 31 no. 5:73-84 My '66.

Manifestations of the basic Riphean igneous activity in the northeastern part of the Siberian Platform. I. M. Biterman, E. R. Gorshkova, Dokl. AN SSSR 168 no. 1:165-167 My '66.

Uranium in the trap rocks of the Siberian Platform. V. L. Masakits and others, Geokhimiya no. 5:511-524 My '66.

SIBERIAN PLATFORM—STRONTIUM

Strontium in the Paleozoic sediments of the Siberian Platform. V. I. Bgatov, Sov. geol. 9 no. 4:122-132 Ap '66.

SIBERIAN PLATFORM—URANIUM

Uranium in the trap rocks of the Siberian Platform. V. L. Masakits and others, Geokhimiya no. 5:511-524 My '66.

SIBERIAN PLATFORM—WEATHERING

Weathering surface of kimberlites in the Siberian Platform as a source of alumina in bauxite formation. M. S. Kashtanov, Dokl. AN SSSR 168 no. 3:672-674 My '66.

SIDOROV, ARKADII LAVROVICH, 1900-1966

A. I. Sidorov; an obituary. Vop. ist. 41 no. 5:220 My '66.

SIEMENS-MARTIN FURNACE see Open-hearth process

SIEROZEM

Effectiveness of phosphorus fertilizers in light-colored Sierozems of the Golodnaya Steppe in relation with the saturation of soils with phosphates. Zh. IA. Bat'kaev, Agrokhimia no. 5:40-42 My '66.

Productivity capacity of light-colored Sierozems in cotton monoculture and its growing in crop rotation. B. I. Romanovskii, Vitan. dit. prim. udob. na plod. poch. i prod. sevoobor. no. 2:291-297 '64.

SIKHOTE-ALIN' RANGE—FUSULINIDAE

Some Permian Fusulinidae and Lagenidae of the Sikhote-Alin' Range. M. I. Sosnina, Trudy VSEGEI 115:142-160 '65.

SIKHOTE-ALIN' RANGE—LAGENIDAE, FOSSIL

Some Permian Fusulinidae and Lagenidae of the Sikhote-Alin' Range. M. I. Sosnina, Trudy VSEGEI 115:142-160 '65.

SILANE

- Ammonolysis of trialkyl (aryl)chlorosilanes. K. A. Andrianov, A. M. Kosonov, N. N. Makarova, Zhur. ob. khim. 36 no. 3:895-900 My '65.
- Calculating the critical constants of chlorine-substitution monosilanes. I. I. Lapidus, A. L. Seifer, L. A. Nisels' son. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:92-96 '66.
- Effect of methylene chloride and vinyl chloride on the synthesis of methylchlorosilanes. N. P. Lobasevich and others. Zhur. prikl. khim. 38 no. 3:1887-1889 Ag '65.
- Effect of sulfurous anhydride on the synthesis of methylchlorosilanes. N. P. Lobasevich and others. Zhur. prikl. khim. 38 no. 3:1884-1886 Ag '65.
- Liquid - vapor equilibrium in the systems formed by trichlorosilane and tetrachlorosilane with some nitriles. I. I. Lapidus, L. A. Nisels' son, A. A. Karateeva, Zhur. ob. khim. 36 no. 5:773-776 My '66.
- Molecular association of SiCl_4 and organochlorosilanes R_4-SiCl_n . M. G. Voronkov, A. I. Delch. Dokl. AN SSSR 168 no. 2:337-340 My '66.
- Reaction of di-n-propylchloro(alkoxy)silanes with alcohols. G. T. Fedorova, N. P. Kharitonov, Zhur. ob. khim. 36 no. 5:930-904 My '65.
- Reaction of hydroxymethylphosphonic acid with trialkyl silicon hydrides. N. F. Orlov, V. P. Milieshkevich, Zhur. ob. khim. 36 no. 5:892-895 My '65.

SILAZANES

- Reaction of alkylsilazanes with organic isocyanates. D. I. A. Zhukin and others. Izv. AN SSSR, Ser. khim. no. 5:855-861 '66.

SILICA

- Compression of SiO_2 powders by impact. A. A. Davibas and others. Dokl. AN SSSR 168 no. 3:665-668 My '66.
- Effect of porosity on the structural water content of silica gel and its thermal dehydration. I. Baktyrdzhiev. Dokl. AN SSSR 168 no. 3:618-620 My '66.
- Studying the rate of silica reduction with carbon dissolved in iron. V. I. D'jakonov, S. I. Popel', Zhur. prikl. khim. 38 no. 8:1968-1971 Ag '65.
- System $\text{CaO} - \text{SiO}_2$. Z. D. Alekseeva, Zhur. neorg. khim. 11 no. 3:1171-1176 My '65.

SILICATES

- Crystal chemistry of silicates with an apatite-like structure. G. A. Sidorenko. Rent. min. syr. no. 4:39-61 '64.
- Kinetics of the direct reduction of manganese from molten silicates. P. M. Shurygin, V. S. Kudriavtsev. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:6-9 '66.
- Solidification of castings made of silicate melts of pyroxene composition. I. I. Bykov, B. Kh. Khan. Lit. proizv. no. 4:39 Ap '66.

SILICON see subdivision under Podotia

SILICON-ELECTROMETALLURGY

- Extraction of metallic silicon from waste slags with the help of an electric current. V. G. Kovalenko, O. A. Esin, I. U. P. Nikitin. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:68-68 '66.

SILICON-METALLURGY

- Studying the kinetics of the reduction of silicon tetrachloride and tetrabromide by hydrogen on a heated surface. I. V. Petrushevich, L. A. Nisels' son, A. I. Beliaev. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:86-91 '65.

SILICON-SPECTRA

- Spectra and kinetics of the infrared surface photoconductivity of silicon. V. G. Litovchenko, V. P. Kovtasiuk, P. T. Sviridenko. Fiz. tver. tela 8 no. 4:1147-1148 Ap '65.

SILICON, EFFECT OF RADIATION ON

- Character of damages in dislocation-free Si bombarded by fast neutrons. S. Kh. Kushnir, L. G. Nikolaeva. Fiz. tver. tela 8 no. 3:982-984 Mr '65.

SILICON-BORON ALLOYS-ELECTRIC PROPERTIES

- Effect of an electric field on the capture and scattering of holes in boron-doped silicon. E. E. Godik. Fiz. tver. tela 8 no. 5:1545-1549 My '66.

SILICON CARBIDE-ELECTRIC PROPERTIES

- Saturating the ends of silicon carbide heating elements by silicon, certain metals, and their mixtures. N. I. Voronin, A. A. Kortei', R. I. Bresker. Ogneupory 31 no. 4:50-55 '65.

- Some characteristics of the Hall curves for n-type ^{14}SiC . G. A. Lomakina. Fiz. tver. tela 8 no. 4:1296-1298 Ap '66.

SILICON CARBIDE-SPECTRA

- Luminescence of silicon carbide containing beryllium. A. A. Kalnin, I. U. M. Tainov, D. A. Isa'kov. Fiz. tver. tela 8 no. 3:846-851 Mr '65.

SILICON CARBIDE, EFFECT OF RADIATION ON

- Effect of ion bombardment on the cathode luminescence of silicon carbide. V. V. Makarov, N. N. Petrov. Fiz. tver. tela 8 no. 5:1602-1607 My '65.

SILICON CARBIDE CRYSTALS-SPECTRA

- Recombination radiation from $\alpha\text{-SiC}$ following electron excitation. N. G. Basov, O. V. Bogdankevich, A. G. Deviatkov. Fiz. tver. tela 8 no. 3:802-804 Mr '66.

SILICON CHLORIDES

- Molecular association of SiCl_4 and organochlorosilanes R_4-SiCl_n . M. G. Voronkov, A. I. Delch. Dokl. AN SSSR 168 no. 2:337-340 My '66.

SILICON CRYSTALS-DEFECTS

- Crack formation in silicon single crystals. I. D. Kirvaldiz. Fiz. tver. tela 8 no. 4:1287-1288 Ap '63.

SILICON CRYSTALS-PHOTOELECTRIC PROPERTIES

- Recombination in high-resistance silicon. V. G. Ivanov. Fiz. tver. tela 8 no. 5:1636-1638 My '66.

SILICON-GERMANIUM ALLOYS-SPECTRA

- Kamornik, E. K., and A. G. Orlov. [Using the method of quantitative spectrographic analysis for the determination of silicon and germanium in solid solutions of silicon-germanium; work practices in the control of the technology of semiconducting alloys] Primenenie metoda kolichestvennogo spektralnogo analiza dlia opredelenia kremnia i germania v tverdykh rastvorakh kremni-germanii; opyt raboty po kontroliu tekhnologii potuprovodnikovykh splavov. Leningrad, 1966. 15 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seria: Uchebnye kachestva, povyshenie nadezhnosti i dolgovechnosti mashin, priborov i drugikh promyshlennykh izdelii]

SILVER-GOLD ALLOYS see Gold-silver alloys

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON ORGANIC COMPOUNDS see Organosilicon compounds

SILKWORM BREEDING

- (see also subdivision under Moldavia)
- Manifestation of heterosis in silkworm hybrids as related to genetic and ecologic factors. L. I. Kovalchuk. Dop. AN URSSR no. 4:533-535 '66.

SILKWORMS

- Use of bombycid meal in salmonid culture. M. K. TSirkova. Ryb. khoz. 42 no. 4:15-17 '66.

SILKWORMS-FEEDING AND FEEDS see subdivision under Moldavia

SILOS-DESIGN AND CONSTRUCTION

- Chart for calculating reinforced concrete silos. B. V. Latyshev, E. N. Antonov. Bet. i zhel.-bet. 12 no. 3:45-46 Mr '66.
- Prestressed reinforced concrete rings of sectional silos with reinforcement tensioned by the electric heating method. N. V. Sorokin. Bet. i zhel.-bet. 12 no. 3:16-19 Mr '66.

SILOXANES

- Continuous polycondensation of organosiloxanes in the production of heat-resistant lacquers. N. V. Vorob'eva, A. N. Levin. Plast. massy no. 5:20-24 '66.
- Strength of glasses hardened in polyorganosiloxane liquids. I. I. Kitaigorodskii, S. I. Silvestrovich, V. M. Flisov. Trudy MKHTI no. 45:145-153 '64.

SILOXANES-THERMAL PROPERTIES

- Effect of aromatic group positions on the characteristics of liquid polyorganosiloxanes. T. I. Ponomareva, T. A. Krasovskaya, M. V. Scholevskii. Plast. massy no. 5:18-20 '66.

SILVER-ALUMINUM ALLOYS see Aluminum-silver alloys

SILVER BROMIDE CRYSTALS-PHOTOELECTRIC PROPERTIES

- Quantum yield of the intrinsic photoeffect in AgBr single crystals. K. N. Loskutov. Fiz. tver. tela 8 no. 3:959-961 Mr '65.

SILVER BROMIDE CRYSTALS, EFFECT OF RADIATION ON

- Variation in the quantum yield of the intrinsic photoeffect in AgBr single crystals due to ultraviolet irradiation. K. N. Loskutov. Izv. vys. ucheb. zav.; fiz. 9 no. 2:163-164 '66.

SILVER COMPOUNDS

- Cation complexes of silver and copper (I) with ethylenediamine Schiff bases. E. Joyer, V. V. Skopenko. Zhur. neorg. khim. 11 no. 4:803-808 Ap '66.

SILVER ELECTRODES see Electrodes, Silver

SILVER FOX-DISEASES AND PESTS

- Materials for the study of microsporosis in the silver fox. I. G. Levenberg. Trudy VNIIS 16:379-382 '60.

SILVER NITRITE

- Effect of heterophase additions on the thermal decomposition of silver nitrite. V. V. Boldyrev, V. I. Eroshkin. Khim. kat. 7 no. 2:322-325 Mr-Ap '66.

SILVER ORES see subdivision under Ural Mountain region

SIMILITUDE, THEORY OF

- Scale factor in the corrosion fatigue of steel and similitude conditions. N. N. Tkachenko, R. G. Pogoretskii. Fiz.-khim. mekh. mat. 1 no. 6:730-731 '65.
- Using methods of the theory of similitude in hydro-optics. V. N. Pelevin. Trudy Inst. okean. 77:80-83 '65.

SIMONIS, KAZYS, 1887-

- Simonis, K. [Sketches of my life; recollections] Gyventino nuotrupos; atsiminimai. 2., izd. Vilnius, Vaga, 1966. 193 p. [In Lithuanian]

SIMULATION METHODS

- Statistical modeling of a certain class of complex systems. Kh. Sh. Margulis, G. I. Fridman. Dokl. AN SSSR 168 no. 2:296-299 My '66.

SINGAPORE-ETHNOLOGY

- The population of Singapore. I. P. Trufanov. Strany i nar. Vost. no. 4:39-56 '65.

SINGING-INSTRUCTION AND STUDY

- Greater attention to methodology. N. Dobrovolskaya. Soy. muz. 30 no. 4:103-105 Ap '66.

SINTERING

- Regularities of the sintering of zirconium diboride-molybdenum alloys. P. S. Kislyi, M. A. Kuzenkov. Porosh. met. 6 no. 3:16-23 My '66.

- Regulating the working of the sintering process in the manufacture of apolporite. M. P. Elinson, V. N. Iur'mistrov. Sbor. trud. VNIISTROM no. 5:86-88 '65.

- Sintering of phosphorite fines. M. I. Kutovskii. Obog. rud 10 no. 6:28-32 '65.

SINTERING-EQUIPMENT AND SUPPLIES

- Performance of sintering furnaces depending on the content of concentrates in the charge mixture, the lime consumption, and the method of its injection into the charge. D. A. Klissin. Metallurg 11 no. 5:2-4 My '66.

- Scraper feeder-cooler of sinter. L. R. Migutskii, A. I. Matov, P. I. Kruppa. Metallurg 11 no. 5:13 My '66.

SISAKIAN, NORAIK MARTIROSOVICH, 1907-1966

- In memory of Norai Martirosovich Sisakian. Izv. AN SSSR. Ser. biol. no. 3:457-460 My-Je '66.
- Norai Martirosovich Sisakian, 1907-1966; an obituary. Biokhimiia 31 no. 2:225-226 Mr-Ap '66.

SISLEY, ALFRED, 1830-1899

- Brodskaia, N. V. [Paintings by Sisley in the Hermitage] Kartiny Siisla v Ermitazhe. Leningrad, Izd-vo Gos. Ermitazha, 1963. 31 p. illus. (MII)

SITOSTEROL

- Studies in the field of the synthesis of derivatives of β -sitosterol and steroids. A. M. Khalets'kii, M. V. Vasyli'eva, E. M. Balanova. Farmatsevt. zhur. 10 no. 2: 25-28 '64.

SIZING (PAPER)

- Gluo from gum resin for paper sizing. A. Kallinik, and others. Bum. prom. no. 5:4-5 My '66.

SIZING (TEXTILE)

- Effect of draft in sizing on the properties of acetate yarn. B. I. Khaimov. Tekst. prom. 26 no. 5:56-57 My '66.

SKATING

- [Figure skating; a manual for trainers and qualified sportsmen] Figurnoe katanie; uchebnoe posobie dlia trenerov i kvalifikirovannykh sportsmenov. Moskva, Fizkul'tura i sport, 1966. 109 p.

SKELETON

- Growth and development of the skeleton in gonadal dysgenesis. V. A. Tikhonov, L. L. Liberman. Probl. endok. i gorm. 13 no. 3:38-42 My-Je '66.

SKIN

- Age-related characteristics of the effect of cortisone on skin proteins. V. N. Nikitin, I. U. A. Moroz. Fiziol. zhur. 51 no. 2:259-262 F '65.

- Effect of the temperature of the external environment on the reactivity of the skin. I. A. Troitskii, Z. A. Agapova. Trudy VNIIS 16:290-304 '60.

- Morphological changes in animal skin under the effect of various peloids. V. V. Soldatov. Vop. kur., fizioter. i lech. fiz. kul't. 28 no. 5:400-407 S-O '64.

- Nutrition and the productive functions of the skin. I. I. Troitskii. Trudy VNIIS 16:284-288 '60.

SKIN—CARE AND HYGIENE

Effect of pneumatic cleaning of the skin on the organisms of cows. V. M. Kartashova. Trudy VNIIVS 16:273-283 '66.

SKIN—PERMEABILITY

Change in the permeability of the skin of animals as related to the functional conditions of the nervous system. A. N. Iudin, I. A. Treitskil. Trudy VNIIVS 16:305-310 '66.

SKIN—TUBERCULOSIS

Primary tuberculous ulcer on the foot in a 3-year-old child. M. I. Tugayeva. Probl. tub. no. 5:83 '64.

SKIN—TUMORS

Vascular tumors of the skin associated with bone changes. E. L. Lapilus, S. A. Tokrovskii. Vest. rent. i rad. no. 2:59-62 '64.

SKIN—WOUNDS AND INJURIES

Changes in the inhibitory effect of cortisone on the reparative process depending on the dose. A. I. Bukhonova. Probl. endok. i gorm. 12 no. 3:88-93 My-Je '66.

SKIN GRAFTING

Skin autograft and its effect on fever in burn disease. L. I. Mitropol'skaya. Klin. khir. no. 7:87-88 '65.

SKULL—SURGERY

Acrylic cranioplasty. N. Obdu, A. Stanchu, M. Rusu. Vop. neirokhir. 28 no. 4:55-56 My-Je '64.

SKULL—TUMORS

Epidural hematomas of the posterior cranial fossa. L. B. Likhnerman, L. Kh. Khitrin. Vop. neirokhir. 30 no. 2: 21-25 Mr-Apr '66.

SKYHOOKS see Mine roof bolting

SLAG

Selection of fuel preparation procedures for boilers with hydraulic slag removal. N. V. Pavlov, M. A. Baskin, I. E. Grigor'ev. Elek. sta. 37 no. 3:21-25 Mr '66.

Study of the hydraulic activity of slag with a high content of manganese and barium. S. M. Kotak, V. F. Krylov, V. S. Klement'eva. Stroi. mat. 11 no. 3:37-38 Mr '65.

Ural'skii nauchno-issledovatel'skii i proektnyi institut stroitel'nykh materialov. [Building materials and products from metallurgical slag; theoretical and experimental studies] Stroitel'nye materialy i izdeliia iz metallurgicheskikh shlakov; teoreticheskie i eksperimental'nye issledovaniia. Pod boshchei red. A. A. Marchenko. Nauchn. red. L. A. Vlodimirova. Moskva, Stroizdat, 1965. 205 p.

SLAG—ANALYSIS

Causes for the high silver content in slags from the cupellation of silver-bearing lead. I. A. Stroitel'ev, I. I. Kershanskii, N. P. Pentunova. TSvet. met. 30 no. 5:40-53 My '66.

Causes of the formation of a finely divided suspension of metal and matte in molten slag. A. V. Vasilukov and others. TSvet. met. 30 no. 5:45-48 My '66.

Evaluating the actual distribution of sulfur between cast iron and slag in a blast furnace. G. A. Volovik. Stal' 25 no. 5:398-404 My '66.

Extraction of metallic silicon from waste slags with the help of an electric current. V. G. Kovalenko, O. A. Esin, M. P. Nikitin. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:60-68 '66.

Peculiarities of the technology of blast furnace smelting of titanium-containing magnetite ores. S. V. Shavrin and others. Stal' 26 no. 5:382-387 My '66.

Rapid method of determining the basicity of blast-furnace slags. M. I. Shvaiger, V. A. Popov. Zav. lab. 32 no. 1: 23 '66.

Sulfur solubility in $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-CaO-MgO}$ melts. A. M. Miratov, I. S. Kulikov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:22-25 '66.

SLAUGHTERING AND SLAUGHTERHOUSES

[Fundamentals of the design and planning of enterprises of the meat and poultry processing industries] Osnovy proektirovaniia predpriiatiia miasnoi i pit'seproizvoditel'skoi promyshlennosti. [Dy] A. A. Manerberger i dr. Moskva, Pishchevaya promyshlennost', 1965. 384 p.

SLAVERY

The problem of ancient slavery in M. S. Kutorga's works. A. D. Konstantinova. Vop. ist. vostochn. ist. no. 1:58-59 '64.

SLAVIC LANGUAGES—AFFIXES

Reasons for the semantic transformation of Slavisms; based on verbs with the prefix "pre-". I. S. Ulukhanov. Izv. AN SSSR, Ser. It. i iaz. 25 no. 2:87-99 Mr-Apr '66.

SLAVIC LANGUAGES—ETYMOLOGY

Trubachev, O. N. [Terminology of the art industries in the Slavic languages; etymology and experience in group reconstruction] Remeslennaya terminologiya v slavian-skikh iazykakh; etimologiya i opyt gruppovoi rekonstruktsii. Moskva, Nauka, 1966. 414 p.

SLAVIC LANGUAGES—VERB

Reasons for the semantic transformation of Slavisms; based on verbs with the prefix "pre-". I. S. Ulukhanov. Izv. AN SSSR, Ser. It. i iaz. 25 no. 2:87-99 Mr-Apr '66.

SLAVIC STUDIES

Akademlin nauk SSSR. Institut slavianovedeniia.

[Slavic Renaissance; a collection of studies and materials] Slavyanskoe vozrozhdeniie; sbornik statei i materialov. Moskva, Nauka, 1966. 247 p.

Evaluating V. I. Grigorovich's scholarly studies. A. V. Sergeev. Vop. ist. vostochn. ist. no. 1:43-57 '64.

A meeting of the Soviet historians of Slavic countries. I. A. Voronkov, V. G. Karasev. Nov. i noveish. ist. no. 3:191 '66.

Scholarly research of the Institute of Slavic Studies of the Academy of Sciences of the U.S.S.R. in the last year. V. M. Zaitsev. Nov. i noveish. ist. no. 3:188-189 '66.

SLEEP THERAPY

Effect of medication sleep on the mitotic activity of normal and denervated epidermis in white rats. A. N. Kulagin. Biul. eksp. biol. i med. 58 no. 12:84-85 D '64.

SLIDE VALVES

Improvement of I and II amplification slide valves in AK-12-1, AT-12-2, APT-12-1, and VR-12-31-2 turbines. V. A. Lebedev and others. Energetik 14 no. 5:20-21 My '66.

SLONIM (GRODNO PROVINCE)—TIRES, RUBBER—MAINTENANCE AND REPAIR

There are potentialities in each working area. D. P. Kozlov. Prom. Bel. 9 no. 1:13-14 Ja '65.

SLOPES (PHYSICAL GEOGRAPHY)

Calculating the direct and summary slopes radiation. V. F. Okolov. Vest. Mosk. un. Ser. 5:Geog. 20 no. 2: 60-63 Mr-Apr '65.

SLOVAK LITERATURE—HISTORY AND CRITICISM

Let us show you the people of our generation. G. Rhab-tseva. V mire knig 6 no. 4:33 Ap '65.

SLUICE GATES

The elastic kinematics of two-leaf lock gates with horizontal girder arrangement. E. Nefedov. Rech. transp. 25 no. 4:45-46 '66.

SMALLPOX—VACCINATION

Study of humoral immunity to smallpox in people of various ages. R. D. Dzhabadov, A. A. Kiazimova. Azerb. med. zhur. 42 no. 5:54-58 My '65.

SMELIAKOV, IAROSLAV VASIL'EVICH, 1913-

Ianina, V. P. [Poetry of strict love; on the lyrics of Iaroslav Smeliakov] Poetika strogoi lyubvi; o lirike Iaroslava Smeliakova. Moskva, Sovetskii pisatel', 1965. 190 p. (RFB)

SMELL

Mazilova, R. M., V. N. Okhotskaya, and B. I. Puchkin. [Olfaction and its stimulation] Obontanie i ego modelirovanie. Novosibirsk, Nauka, 1965. 117 p.

SMELTING FURNACES—COMBUSTION

Strogonov, A. I., M. I. Kolesov, and I. A. Lubenets. [Increasing the output of steel-smelting units] Uvelichenie proizvoditel'nosti staleplavil'nykh agregatov. [Cheliabinsk] IUzhno-Ural'skoe knizhnoe izd-vo, 1965. 91 p.

SMIRNOV, SERGEI SERGEEVICH, 1895-1947

Fruitful ideas of a tireless researcher. M. A. Favor-skaya. Priroda 55 no. 5:93-98 My '66.

SMOKE—PHYSIOLOGICAL EFFECT

Comparative characteristics of respiratory tract lesions caused by various thermal agents and smoke. V. N. Khrebtovich. Biul. eksp. biol. i med. 58 no. 9:57-61 S '64.

SMOKING

Behind the blue smoke of a cigarette... V. Vishnevskii. Sm'ta i shkola 21 no. 4:26-29 Ap '66.

SMOLENSK PROVINCE—HISTORICAL MUSEUMS

Smolensk. Oblastnoi kraevedcheskii muzei. [A guide-book to the exhibition rooms on the history of the Smolensk region] Putevoditel' po zalam istorii Smolenskogo kraia. Smolensk, 1963. 94 p.

SNAKES see subdivision under Asia, Central; Kopetdag

SNOW

(see also subdivision under Don River Watershed; Trans-Ili Alatau)

Moskalev, I. D. [Origin and movement of snow avalanches] Vozniknoveniie i dvizheniie lavin. Pod red. P. M. Mashukova. Leningrad, Gidrometeoizdat, 1966. 151 p.

SNOW—TESTING

Calculations of the mechanical properties of snow thickness according to data of observations, following avalanches. I. D. Moskalev. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 21:47-53 '65.

Determining of the hardness of snow cover applicable to avalanche research. A. I. Korolev. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 21:54-61 '65.

SNOW SURVEYS see subdivision under Boguslav region (Ukraine)

SOAKING PITS

Experimental investigation of tubular heating furnaces as controlled members. F. I. Khasmamedov. Za tekhn. prog. 4 no. 3:1-5 Mr '64.

SOAKING PITS—DESIGN AND CONSTRUCTION

Metal loss in pits heated from the center of the hearth. V. I. Gubinskii and others. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:188-192 '66.

SOAP—DRYING

Multistage system for soap drying. V. N. Zheleznev. Masl.-zhir. prom. 32 no. 4:41 Ap '66.

SOBINKA DISTRICT—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Day after day. V. Antsupov. Sov. profsoiuzy 22 no. 9:5-7 My '66.

SOCHI—ADVERTISING—AERONAUTICS, COMMERCIAL

Specialists in advertisement. IU. Kadykov. Grazhd. av. 23 no. 5:15 Je '65.

SOCHI—HEALTH RESORTS, WATERING PLACES, ETC.

Some indices of nonspecific immunity in patients with infectious nonspecific polyarthritis following their treatment at the Sochi-Matsesta Health Resort. M. G. Kuramshina, V. P. Lysov, L. E. Klischchenko. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 5:410-413 S-O '64.

SOCIAL CHANGE

Social progress. M. I. A. Koval'zon. Vop. filos. 20 no. 4: 156-167 '66.

SOCIAL CHANGE—CONGRESSES

Soveshchanie po sovremennym problemam materialisticheskoi dialektiki. Moscow, 1965. [Dialectics of the material and intellectual life of society in the period of the building of communism; materials] Dialektika material'nol i dukhovnoi zhizni obshchestva v period stroitel'stva kommunizma; materialy. Moskva, Nauka, 1966. 271 p. (Sovremennye problemy materialisticheskoi dialektiki)

SOCIAL CLASSES

(see also subdivision under Staraya Russa, Novgorod Province)

Social structure of Soviet society; a sociological conference in Minsk. I. I. Kravchenko, E. T. Faddeev. Vop. filos. 20 no. 5:143-154 '66.

SOCIAL DEMOCRATIC PARTY see subdivision under Germany, West

SOCIAL GROUP WORK see subdivision under Ukraine

SOCIAL GROUP WORK—PERIODICALS

"Disregarding the problems of utmost importance." Kommunist 43 no. 9:127-128 My '66.

SOCIAL INSURANCE see Insurance, Social

SOCIAL SCIENCE RESEARCH

(see also subdivision under Kazakhstan; Ukraine) Let us build a scientific and technological foundation for the development of social sciences. G. Dobrov. Komm. Ukr. 40 no. 5:51-59 My '66.

SOCIAL STATISTICS see Statistics, Social

SOCIALISM

Sidorov, M. I. [Irreconcilability of socialist and bourgeois ideologies] O neprimirnosti sotsialisticheskoi i burzhuaiznoi ideologii. Moskva, Mysl', 1966. 108 p.

SOCIALIST COMPETITION

Fulfillment of socialist obligations assumed in honor of the 23d Congress of the CPSU. I. I. Zaitsev. Kauch. i rez. 25 no. 5:52-53 '66.

Manufactured from fabric savings. Musa Aslanli. Shvein. prom. no. 2:34-35 Mr-Apr '66.

The mighty force of competition. Tekh. i vooruzh. no. 7: 2-3 Ji '65.

SOCIALIST PARTIES

Sidorov, M. I. [Irreconcilability of socialist and bourgeois ideologies] O neprimirnosti sotsialisticheskoi i burzhuaiznoi ideologii. Moskva, Mysl', 1966. 108 p.

SOCIALIST PROPERTY

Intensify the protection of property rights of collective farms. I. Kaz'min. Sov. iust. 30 no. 9:5-7 My '66.

Socialist property and the paths of its development. L. Logvinov. Vop. ekon. no. 4:119-128 Ap '66.

SOCIETY AND COMMUNISM see Communism and Society

SOCIOLOGICAL JURISPRUDENCE see subdivision under United States

SOCIOLOGY

(see also subdivision under Estonia)

- Consciousness and regulation in social processes. IU. A. Levada. Vop. filos. 20 no. 5:62-73 '66.
Professor T. Marshall's "middle road." G. L. Episkoposov. Vop. filos. 20 no. 5:127-130 '66.
Sociology and life. V. Pirogov. V mire knig 6 no. 4:3 Ap '66.

SODA INDUSTRY—LABOR PRODUCTIVITY

- Basic ways to increase labor productivity in the soda industry. V. L. Rydnik, L. G. Chernega, O. V. Kolyshkina. Khim. prom. 42 no. 5:348-356 My '66.

SODIUM—PHYSIOLOGICAL EFFECT

- Activity of potassium and sodium ions in the protoplasm of striated muscle fibers in frogs. Z. A. Sorokina. Biol. eksp. biol. med. 58 no. 12:17-21 D '64.

SODIUM ALUMINATES

- Processing sodium aluminate by the carbothermic method. G. N. Kozhevnikov, A. S. Nikulinski. TSvet. met. 39 no. 5:57-60 My '66.

SODIUM BOROHYDRIDE

- Reaction of sodium borohydride with nickel chloride in aqueous solutions. N. N. Mal'tseva, Z. K. Sterliadkina, V. I. Mikheeva. Zhur. neorg. khim. 11 no. 4:720-725 Ap '66.

- Reaction of sodium borohydride with nickel chloride on heating. Z. K. Sterliadkina and others. Zhur. neorg. khim. 11 no. 5:981-986 My '66.

- Thermographic study of the system sodium borohydride - sodium hydride. D. S. Stasinevich, G. A. Egorenko, G. N. Gnedina. Dokl. AN SSSR 168 no. 3:610-612 My '66.

SODIUM CARBONATES

- Kinetics of the calcination of technical sodium bicarbonate in fixed and fluidized beds. E. S. Dubil', I. P. Ishkin. Zhur. prikl. khim. 38 no. 8:1702-1709 Ag '65.

- Preparation of sodium hydrocarbonate injection solutions of prolonged stability. H. A. Vaisman, L. A. Ozerian-ska, H. H. Side. Farmatsev. zhur. 21 no. 2:58-60 '66.
Solubility of Na_2CO_3 in aluminate-alkali solutions at 250 and 300°C. V. A. Bernshtein, E. A. Matsenok. Zhur. prikl. khim. 38 no. 8:1866-1868 Ag '65.

SODIUM COBALT FLUORIDE

- Structure of energy levels and exchange interaction of Co^{2+} ions in NaCoF_3 . R. V. Pisarev, A. I. Belsaeva, P. P. Syrakov. Fiz. tver. tela 8 no. 3:783-787 Mr '66.

SODIUM COMPOUNDS

- Thermal dissociation of molecules of sodium chloride and sodium iodide on a tungsten surface. N. I. Ionov, M. A. Mitsev. Zhur. tekhn. fiz. 35 no. 10:1863-1868 O '65.

SODIUM DITHIONITE

- Analyzing the process of dehydration of sodium hydrosulfite. IU. A. Lehanov, V. A. Shormanov, T. I. Kuvin. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:10-13 '66.

SODIUM HALIDES—PHYSIOLOGICAL EFFECT

- Effect of sodium halides on the system hypothalamus-hypophysis-adrenal cortex. G. A. Ovchinnikova. Probl. endok. i gorm. 10 no. 2:68-73 Mr-Apr '64.

SODIUM HYDRIDE

- Thermographic study of the system sodium borohydride - sodium hydride. D. S. Stasinevich, G. A. Egorenko, G. N. Gnedina. Dokl. AN SSSR 168 no. 3:610-612 My '66.

SODIUM HYDROXIDE

- Physicochemical study of the system sodium hydroxide - trihydroxyglutaric acid - water at 25°C. A. I. A. Putnyl', E. M. Shvarts, A. F. Levin'sh. Zhur. ob. khim. 36 no. 5:777-780 My '66.

SODIUM IN THE BODY

- Potassium and sodium content of muscles equilibrated with solutions of a high potassium concentration. S. A. Vereninova, G. I. Romanenko. TSitologiya 6 no. 4:478-481 Ji-Ag '64.

SODIUM NICKEL FLUORIDE CRYSTALS—ELECTRIC PROPERTIES

- Study of local magnetic and electric fields in NaNiF_3 . M. P. Petrov, G. A. Smolenskii. Zhur. eksp. teor. fiz. 50 no. 4:871-876 Ap '66.

SODIUM OXALATES

- Precipitation of praseodymium and yttrium from alkaline solutions of glycine by sodium oxalate. R. K. Drachev-skaia, T. V. Danilova, R. A. Veresova. Zhur. neorg. khim. 11 no. 5:1059-1071 My '66.

SODIUM SALICYLATE

- Spectrophotometric determination of sodium para-amino-salicylate in a preparation and in medicinal forms. Report No. 1. T. V. Kovalchuk. Farmatsev. zhur. 20 no. 3:23-28 '65.

SODIUM ZIRCONIUM SILICATE—THERMAL PROPERTIES

- Thermal stability of $\text{Na}_2\text{Zr}_2\text{SiO}_5$. IU. M. Polezhaev, V. M. Ust'iantsev, V. G. Chukhlantsev. Zhur. neorg. khim. 11 no. 5:1051-1055 My '66.

SOIL BIOLOGY see subdivision under White Russia

SOIL CONSERVATION

(see also subdivision under Kazakhstan)

- Soil conservation measures. G. G. Berestovskii. Zemle-delle 28 no. 4:23-26 Ap '66.

SOIL FAUNA see subdivision under Moldavia

SOIL FORMATION see subdivision under Chu Valley

SOIL FUNGI see subdivision under Alma-Ata region

SOIL INOCULATION

- Significance of the bacterial fertilizer "AMB" in reducing the diseases of crop plants. B. R. Gladilovich, M. A. Elbakian. Zap. LSKH 95:121-125 '65.

- Use of Azotobacter for rice. Sh. T. Shende. Vest. sel'-khoz. nauki 11 no. 2:129-130 F '66.

SOIL MECHANICS

(see also subdivision under Karelia; Murmansk Province; Tajikistan)

- Calculating the resistance of the soil to the withdrawal of pipes. V. I. Voropaev. Osn., fund. i mekh. grun. 8 no. 3:34-37 '66.

- Calculating unbalanced settling of structures in water-logged soil. P. P. Borodavkin. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 2:105-110 '66.

- Calculation of granulometric composition of soils based on nomograms. A. A. Kagan. Trudy Leningradskogo 2:130-139 '65.

- Conference on Laboratory Research Methods for the Physicochemical Properties of Soils. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:129 My '66.

- Deformation characteristics of varved sediments during a long-run test for displacement. R. E. Dashko. Trudy Leningradskogo 2:122-129 '65.

- Determining the dynamic compressibility of soils. G. M. Liakhov. Osn., fund. i mekh. grun. 8 no. 3:5-8 '66.

- Effect of the rate of movement of the tip on the depth of penetration of the soil by a cone penetrometer. A. G. Rud'. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 2:96-99 '66.

- Larionov, A. K. [Study of loose sedimentary rocks for purposes of engineering geology; soil structure] Inzhenerno-geologicheskoe izucheniye struktury rykhlykh osadochnykh porod; struktura grunta. Moskva, Nedra, 1966. 327 p.

- New method of calculating the settling of structures in time. A. I. Ksenofontov. Stroi. i arkh. Uzb. 7 no. 3:10-13 Mr '66.

- Problems in the deformability of cohesive soils. S. S. Vinov. Osn., fund. i mekh. grun. 8 no. 3:1-4 '66.
Settling of nonrigid road elements under the action of loads. P. P. Kupin. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 3:116-120 '66.

- Study of the bearing capacity of compacted soil. B. A. Sal'nikov, I. A. F. Shaevich, I. G. Chirushnikov. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 3:28-31 '66.

- Study of the resistance to the force of inertia during the cutting of the soil. N. D. Ustinkin. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 3:96-100 '66.

- Values of the coefficients of the compressibility of thawing soils according to the data of compression and field studies. V. P. Ushkalov. Osn., fund. i mekh. grun. 8 no. 3:24-26 '66.

SOIL MECHANICS—CONGRESSES

- Cooperation of science and practice. P. I. Fadinov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:136 Mr-Apr '66.

SOIL MECHANICS—MODELS

- Modeling soil deformations. A. S. Marchenko. Osn., fund. i mekh. grun. 8 no. 3:14-16 '66.

SOIL MICRO-ORGANISMS

(see also subdivision under Odessa Province)

- Algae of the Podzolic soils of the Khibiny Mountains. E. A. Shlina, M. B. Roizina. Bot. zhur. 51 no. 4:509-519 Ap '66.

- Effect of hexachlorobutadiene on grapevines and useful soil micro-organisms in Moldavia and Krasnodar Territory. V. S. Khokhrjakova and others. Khim. v sel', kh. 4 no. 5:31-33 My '66.

- Effect of monoculture of corn and sugar beets on the development of micro-organisms of the soil and of these plants. M. B. Petrenko, V. V. Hushchenko. Mikrobiol. zhur. 28 no. 3:44-48 '66.

- Effect of the technique of preparing soil for microbiological analysis on quantitative evaluation of bacteria. D. G. Zviagintsev, E. A. Dmitriev, G. M. Galkina. Mikrobiologiya 35 no. 2:328-336 Mr-Apr '66.

SOIL MOISTURE

(see also subdivision under Tassatkol' region, Kazakhstan; Thar Desert)

- Determining the total moisture of thick-streak frozen ground in situ. A. I. Litvinov. Osn., fund. i mekh. grun. 8 no. 3:18-19 '66.

- Use of the thermodynamic characteristics of soil moisture in the evaluation of the moisture supply of plants. I. I. Suchitsin. Meteor. i gidrol. no. 5:35-39 My '66.

SOIL MOISTURE—MEASUREMENT

- Determination of the moisture of the soil using a thermal method and thermistors. Kh. Lindner. Sbor. trud. po agron. fiz. no. 12:230-235 '65.

- Dynamic heat-capacity transmitter of soil moisture. B. S. Zaitvadnyi. Meteor. i gidrol. no. 5:52-55 My '66.

SOIL SCIENCE—CONGRESSES

- Information on the preparation of the 9th International Congress of Soil Scientists. B. Rozanov. Pochvovedenie no. 5:113-116 My '66.

SOIL STABILIZATION

- Methods of analyzing the results of determining the shear resistance of soils in stabilometers. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 2:139-144 '66.

- Practices in compacting loose soils with heavy tampers. Kh. Askarov, P. Zahlotny. Stroi. i arkh. Sred. Az. 1 no. 7:36-38 Ji '64.

- Stabilization of sandy soils by mechanical protectors. I. M. Churbanov. Izv. AN Turk. SSR, Ser. biol. nauk no. 2:65-67 '66.

SOIL TEMPERATURE—EFFECT ON PLANTS see Plants, Effect of soil temperature on

SOILS

(see also subdivision under Czechoslovakia; Kustanay Province; Salgir Valley)

- Accelerated method for determining soil specific gravity in kerosene. G. I. A. Potinov. Pochvovedenie no. 5:99-102 My '66.

SOILS—ANALYSIS

- Cylinder-type niger for taking soil samples. IU. I. A. TSapenko. Pochvovedenie no. 5:102-103 My '66.

- Differentiation of the mechanical composition of the profiles of various types of soils. I. A. Skuta, I. A. Ostrovskii. Pochvovedenie no. 5:51-58 My '66.
Effect of continuous systematic use of fertilizers on field crops and soil properties. I. S. Lubaarskaia, Vilan, dlit. prim. ucheb. na plet. poch. i prod. savobor. no. 2:341-399 '64.

- Effect of aluminic and atrazine on the agrochemical properties of soils. S. D. TSvetkova. Vest. sel'khoz. nauki 11 no. 2:125-127 F '66.

- Problems of crypto-Podzolic humic soils. O. V. Butuzova. Pochvovedenie no. 5:1-6 My '66.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CLASSIFICATION

- Soil classification. V. L. Andronikov, I. I. Karmanov. Vest. sel'khoz. nauki 11 no. 2:115-120 F '66.

SOILS—COMPOSITION

- Average composition of water soluble compounds in some soils of the European part of the U.S.S.R. S. A. Kudrin. Pochvovedenie no. 5:88-95 My '66.

SOILS—ELASTIC PROPERTIES

- Elastic properties of soil and soil foundation beds of automobile roads. O. T. Batrakov. Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 3:111-115 '66.

SOILS—MAPS see subdivision under Kazakhstan; Volga Valley

SOILS—MOLYBDENUM CONTENT

- Extraction of available molybdenum from soil by organic acids. I. M. Golubev. Agrokhimia no. 5:135-138 My '66.

SOILS—NITROGEN CONTENT

(see also subdivision under Irkutsk Province)

- Composition of the fraction of readily hydrolyzing nitrogen in Chernozems in the Sea of Azov region and the action of nitrogen fertilizers on the yield of corn. S. F. Bondarenko, L. V. Grigor'eva. Pochvovedenie no. 5:73-79 My '66.

SOILS—PHOSPHORUS CONTENT

- Effectiveness of phosphorus fertilizers in light-colored Sierozems of the Golodnaya Steppe in relation with the saturation of soils with phosphates. Zh. I. A. Bat'kaev. Agrokhimia no. 5:40-42 My '66.

- Forms of phosphoric acid compounds in the irrigated soils of Central Asia. S. N. Ryzhov, K. B. Sankhants. Agrokhimia no. 5:53-57 My '66.

SOILS--TRACE ELEMENT CONTENT see subdivision under *Mugilev Province*

SOILS, SALTS IN see subdivision under *Tadzhik region (Turkmenistan)*

SOKOLOV, ALEXANDR NIKOLAEVICH, 1895-
Alexander Nikolaevich Sokolov; on his seventieth birthday and forty-five years of his academic-pedagogic activities. V. I. Kuleshov. *Izv. AN SSSR. Ser. lit. i izn.* 25 no. 2:170-171 Mr-Apr '66.

SOLAR ECLIPSES see *Eclipses, Solar*

SOLAR PLEXUS

Anglia of the solar plexus and their age-related characteristics in omnivorous animals. A. A. Akulintin. *Uch. zap. Vitebsk. univ. inst.* 18:322-331 '64.

SOLAR RADIATION

(see also subdivision under *Ural Mountains*)

Amounts of total radiation in the various classes of local weather during the vegetation period. S. B. Mamedov. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no. 4:130-135 '65.

Attenuation of solar radiation by the forest canopy depending on weather conditions. V. F. Izotov. *Fiziol. rast.* 13 no. 1:160-170 Ja-F '66.

Calculating the intensity of the total solar radiation for variously oriented walls of buildings. V. N. Kuprianov, I. U. I. Dinev. *Izv. vys. ucheb. zav.; stroit. i arkhitekt.* 9 no. 3:127-133 '66.

Solar exposure of apartments in various model sections with various orientation in reference to the meridian. R. M. Ronidel'. *Izv. vys. ucheb. zav.; stroit. i arkhitekt.* 9 no. 3:133-137 '66.

Solar wind and auroras. V. I. Krasovskii. *Priroda* 55 no. 5:14-20 My '66.

SOLAR RADIATION--OBSERVATIONS

Calculating the direct and summary slope radiation. V. F. Orlov. *Vest. Mosk. un. Ser. 5:Geog.* 20 no. 2:60-63 Mr-Apr '65.

Solar radiation and radiation balance data. *Sol. rad. i rad. bal.* Ja-Mar '65; Ap-Ju '65 publ. '66.

SOLAR RADIATION--PHYSIOLOGICAL EFFECT

Barabai, V. A. [Way of life; about the sun, sunlight and life on earth] *Luch zhizni: o Solntse, solnechnom svetle i zhizni na Zemle.* Kiev, Naukova dumka, 1966. 136 p. (Naučno-populjarnna literatura)

Effect of hallophysical factors on the cellular composition of the blood. R. A. Ryevkin. *Probl. gomat. i perel. krovii* 11 no. 1:24-25 Ja '66.

SOLDER AND SOLDERING

Soldering in a reducing gas medium. V. Vardanian. *V. Bobokhin. Prom. Arm.* 9 no. 3:31-33 Mr '66.

SOLDIERS--RECREATION

How do you rest? III. Romantov, T. Vorhivskii, N. Chalyk. *Sov. vojn* 46 no. 8:45 Ap '66.

SOLDIERS' MONUMENTS

Nobody is forgotten and nothing is forgotten. I. Magni-tskala. A. P. Kov. *Nach. shkola* 34 no. 5:26-29 My '66.

SOLENOIDS

Calculation of the traction forces and inductances of solenoids with straight steel cores. O. G. Katsnel'son. *Elektricheskovo* no. 5:75-77 My '66.

Fluctuations and jumps of the current in superconducting solenoids. A. E. Prokol, N. V. Volkenshtein. *Fiz. met. i metalloved.* 21 no. 4:639-640 Ap '66.

SOLID SOLUTIONS see *Solutions, Solid*

SOLID STATE PHYSICS

Likhtman, V. I. [Lectures on the physics of solid bodies; a manual for a course in theoretical physics] *Lektsii po fizike tverdogo tela; uchebnoe posobie po kursu teoreticheskoi fiziki.* Moskva, Prosveshchenie, 1965. 206 p.

SOLID STATE PHYSICS--STUDY AND TEACHING

Structure and properties of solids in a secondary school physics course. L. A. Sanceva. *Izv. APN* no. 141:140-141 '65.

SOLIDIFICATION

Solidification of stone castings in sand molds. B. Kh. Khan, I. I. Rytov. *Lit. proizv.* no. 2:31-33 F '64.

SOLIDS

Fourth Intercollegiate Conference on Relaxation Effects in Solids. T. D. Shermorgor. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:180 '66.

Nonequilibrium phenomena on a solid surface. V. V. Mazhuga, N. D. Sokolov. *Dokl. AN SSSR* 168 no. 3:625-628 My '66.

Probable separation indices of nonhomogeneous solids with components of different grindability. Z. V. Volkova. *Uch. zap. MGPI* no. 242:3-8 '66.

SOLIKAMSK REGION--BROMINE

Distribution of bromine in the carnallite rocks of the Verkhnemanskoye deposit. V. F. Mlagkov, D. V. Burmistrov. *Geokhimiia* no. 7:644-636 Ji '64.

SOLIMIZATION see subdivision under *Hungary*

SOLOTH SOILS see subdivision under *Altai Territory*

SOLUBILITY

Solubility in the system acetic acid - acetone - chlorobenzene - water. A. F. Frolov, M. A. Lognova, E. G. Rogacheva. *Zhur. ob. khim.* 36 no. 5:780-783 My '65.

Solubility in the systems of lithium oxalate of some metals. L. V. Novikova, I. N. Belina. *Zhur. neorg. khim.* 11 no. 4:940-942 Ap '66.

Solubility of cement in formation waters. V. S. Danilushchevskii, A. I. Lipovetskii, I. F. Tolstykh. *Trudy MINKHIMP* no. 60:62-68 '66.

Solubility of disubstituted manganese phosphate. M. V. Goloschchapov, B. V. Martynenko, T. N. Fliatova. *Zhur. neorg. khim.* 11 no. 4:935-937 Ap '66.

Solubility of niobium pentoxide in fused lithium, sodium, and potassium fluoride salts. G. P. Budova, N. K. Voskresenskaya. *Zhur. neorg. khim.* 11 no. 5:1201-1205 My '66.

Solubility of quinoline bases in water. M. M. Potashnikov, I. G. Bolayina. *Zhur. prikl. khim.* 38 no. 8:1823-1830 Ag '65.

Solubility of rare-earth oxides in molten ammonium nitrate. V. K. Val'tsev, I. G. Brensova. *Zhur. neorg. khim.* 11 no. 5:1025-1028 My '66.

SOLUBLE GLASS

Adhesive properties of aqueous solutions of alkali silicate glasses. M. A. Matveev, A. S. Agarkov. *Trudy MKHITI* no. 45:171-175 '64.

Compressibility and solvation of cesium soluble glasses. M. A. Matveev, A. V. Voronin. *Trudy MKHITI* no. 45:165-170 '64.

SOLUTION (CHEMISTRY)

Automatic photometric pulse analyzers of solutions. B. F. Rud'ko and others. *Khim. mashinost.* no. 2:180-185 '65.

Bulk coefficient of activity in a hydrothermal solution. E. E. Senderov. *Geokhimiia* no. 5:600-603 My '66.

Precision calorimeter for the determination of thermal effects in solutions. V. P. Vasil'ev, G. A. Lebanov. *Zhur. neorg. khim.* 11 no. 4:699-702 Ap '66.

SOLUTIONS (PHARMACY)

Preparation of sodium hydrocarbonate injection solutions of prolonged stability. H. A. Vaisman, L. A. Ozerian-ska, H. H. Sudo. *Farmatsev. zhur.* 21 no. 2:58-60 '66.

SOLUTIONS, SOLID

Formation of solid solution (Zn, CdS) in the interaction of the oxides of sulfides, zinc, and cadmium. E. K. Vasil'ev, V. P. Kochkin, N. N. Patrova. *Reit. raia. syr.* no. 4:84-87 '64.

Interaction between lithium ferrite and lithium aluminate. E. I. Maslova, T. I. Samsonova, N. A. Strukulenko. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:93-103 '65.

Magnetic susceptibility of solid solutions of ferric oxide in magnesium oxide. S. M. Arin, N. V. Borisova, I. A. V. Vasil'ev. *Zhur. neorg. khim.* 11 no. 4:728-727 Ap '66.

Solid solutions in the pseudobinary system $\text{Ca}_2\text{Sg} - \text{Ca}_2\text{Te}_3$. P. G. Rustamov, I. J. Zargarova, E. A. Gaidarova. *Dokl. AN Azerb. SSR* 21 no. 12:8-10 '65.

Solid solutions in the ternary system of cesium chlorides, bromides, and iodides. I. I. T'lasov, A. G. Bergman. *Ukr. khim. zhur.* 32 no. 5:541-542 '66.

Solid solutions of alkali metal halides. V. E. Plushchev, R. G. Samuseva. *Zhur. neorg. khim.* 11 no. 5:1169-1174 My '66.

Solid solutions of hexafluoroaluminates of potassium, rubidium, and cesium. V. T. Mal'tsev, G. A. Belikhalova. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:151-153 '66.

Theory of equilibrium antiphase boundaries in ordered solid solutions of the AuCu_3 type. L. E. Popov, F. V. Kozlov, N. S. Gelosov. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:55-63 '66.

SOLVATION

Thermochemical analysis of the solvation of the nitrates of alkali and alkaline earth metals in alcohol-water solutions. G. A. Krestov, V. I. Klopov. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:34-39 '66.

SOLVENTS

Effect of a solvent on the dissociation constants of gluconic acid and stability constants of gluconate complexes of rare-earth elements. N. A. Kostromina, E. D. Romanenko. *Zhur. neorg. khim.* 11 no. 5:1116-1123 My '66.

Effect of solvents on the mechanical properties of elastic foam polyurethanes. I. U. N. Poliakov, O. G. Tarakanov. *Plast. massy* no. 5:13-15 '66.

Possibilities of studying the phenomenon of isomorphism with the help of selective solvents. B. S. Khristoforov, A. G. Potrenko. *Metod. izuch. veshch. sost. i ikh prim.* no. 1:62-68 '65.

Some regularities of the extraction of chloride compounds of mercury with organic solvents. I. N. Plaksin, Z. A. Anisimova, V. G. Tiptsova. *Zhur. neorg. khim.* 11 no. 4:854-858 Ap '66.

SONGS, WHITE RUSSIAN

Akhrymenka, P. P. [White Russian songs and stories] *Belaruskia pesni i kazki.* Minsk, [Nauka i tekhnika] 1965. 158 p.

SONIN, SEMEN DANLOVICH, 1891-1966

Semen Danilovich Sonin; an obituary. *Ugol'* 41 no. 3: 80 My '66.

SORBENTS

Synthesis and properties of new immunosorbents. O. B. Kuzovleva, A. E. Gurvich. *Vop. med. khim.* 12 no. 3: 316-324 My-Je '66.

SORBIC ACID

Simple titrimetric method of analysis of mixtures of sodium sorbate, caustic soda, and sodium carbonate. N. G. Polianskii, N. L. Polianskaia. *Zhur. anal. khim.* 21 no. 4:491-493 '66.

SORGE, FRIEDRICH ADOLF, 1828-1906

Rumiantseva, N. S. [Friedrich Sorge, a man of resolute justice] *Friedrich Sorge - chelovek upramoi spravedlivosti.* Moskva, Mysl', 1966. 174 p.

SORGHUM see subdivision under *Karaganda Province*

SORTING DEVICES

Air classification of materials according to increased limiting size. M. D. Barskii. *Stroim. mat.* 11 no. 3:26-28 Mr '65.

Blockin, A. D., and B. I. Isaev. [Automatic device for controlling and sorting cylindrical compression springs] *Avtomat dlia kontrolya i sortirovki tsilindricheskikh pruzhin szhatiia.* Leningrad, 1965. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Metody i sredstva kontrolya kachestva i nadozhnosti mashin i priborov)

SOUL

Aristotle's theory of the soul and ancient determinism. M. G. Iaroshevskii. *Vop. filos.* 20 no. 5:107-117 '66.

SOUND--RECORDING AND REPRODUCING

Improving the quality of sound in newsreel and documentary films. V. A. Nesterov. *Tekh. kino i telev.* no. 5: 26-30 My '66.

More on high-quality in sound reproduction. S. Kishinevskii. *Radio* no. 12:40 D '65.

SOUND PRESSURE

Bottom pressure in the case of a sudden expansion of sonic flow. O. S. Zelenkov, A. V. Iurkov. *Vest. LGU* 21 no. 7: 76-80 '66.

SOUND WAVES--INDUSTRIAL APPLICATIONS

Introducing the sound-statistical method for the production quality control. Z. K. Zhuravleva and others. *Ogneyupory* 31 no. 4:5-7 '65.

SOUNDPROOFING

Industrial floors. M. Panastuk. *Zhizn. stroit.* no. 8:8-10 '64.

SOUTH AFRICA, REPUBLIC OF--RACE DISCRIMINATION

Travinskii, V. M. [The republic of slave-owners; the Republic of South Africa] *Respublika rabovadel'tsev; Iuzhno-Afrikanskaya Respublika.* Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya: Mezhdunarodnaya, no. 10)

SOUTH KAZAKHSTAN PROVINCE see *Chimkent Province*

SOUTHERN ECONOMIC REGION--INDUSTRIES

Gradov, G. L. [Specialization and comprehensive development of the Southern Economic Region of the U.S.S.R.] *Spetsializatsiia i kompleksnoe razvitiie Iuzh-nogo ekonomicheskogo raiona SSSR.* Kiev, Naukova dumka, 1965. 158 p.

SOVIET CENTRAL ASIA--AGGREGATES (BUILDING MATERIALS)

Plant producing aggregates for concrete. S. A. Belen'kii. *Stroim. i arkhitekt. Uzb.* 7 no. 3:5-7 Mr '66.

SOVIET CENTRAL ASIA--BACTERIA, SULFUR

Facultative autotrophic *Thiobacilli* isolated from underground waters of petroleum and sulfur fields. L. B. Pomerants. *Mikrobiologiya* 35 no. 2:350-356 Mr-Apr '66.

SOVIET CENTRAL ASIA--BUILDING MATERIALS PLANTS

Plant producing aggregates for concrete. S. A. Belen'kii. *Stroim. i arkhitekt. Uzb.* 7 no. 3:5-7 Mr '66.

SOVIET CENTRAL ASIA--CITY PLANNING

Districting a territory for the building of settlements. A. Esenov. *Arkhitekt. SSSR* no. 3:57-59 '66.

SOVIET CENTRAL ASIA—CITY PLANNING (Continued)
Put the planning of settlements on a scientific foundation.
A. Vanke, V. Varaksin, F. Shlain, Stroi. i arkh. Sred. Az. 1 no. 7:39-41 Ji '64.

SOVIET CENTRAL ASIA—CONSTRUCTION INDUSTRY
Give first priority to the economics of construction.
B. Azbel', Stroi. i arkh. Sred. Az. 1 no. 7:1-4 Ji '64.
Success will be attained, N. Shupikov, Stroi. i arkh. Sred. Az. 1 no. 7:5 Ji '64.

SOVIET CENTRAL ASIA—COTTON—FERTILIZERS AND MANURES

Forms of phosphoric acid compounds in the irrigated soils of Central Asia, S. N. Ryzhov, K. B. Saakants, Agrokhimia no. 5:53-57 My '66.

SOVIET CENTRAL ASIA—COTTON—PACKING

Pave the way for the new packaging material, V. Gabriellian, A. Seutov, Ekon. i zhizn' 8 no. 4:40-41 Ap '66.

SOVIET CENTRAL ASIA—COTTON GROWING

Scientific bases of crop rotation in the cotton zone of Central Asia, P. M. Bodrov, S. N. Ryzhov, Vest. sel'khoz. nauki 11 no. 4:81-90 Ap '66.

White gold, V. Stetskii, Agitator no. 3:18-20 F '64.

SOVIET CENTRAL ASIA—ELECTRIC LINES—DESIGN AND CONSTRUCTION

Certain distinctive features in the construction of river crossings of high-voltage lines in Central Asia, Sh. L. Burnashev, Energ. stroi. no. 2:81-83 '65.

SOVIET CENTRAL ASIA—ELECTRIC LINES—OVERHEAD

Distinctive features of high voltage transmission lines constructed in Central Asia, F. M. Zekser, Energ. stroi. no. 2:74-78 '65.

SOVIET CENTRAL ASIA—GAS, NATURAL—GEOLOGY

Selection of a direction, B. Deslatchikov, I. Mints, Ekon. i zhizn' 8 no. 4:22-25 Ap '66.

SOVIET CENTRAL ASIA—GEOMORPHOLOGY—MAPS

Some problems of the geomorphological analysis and mapping of the relief of Central Asia, as revealed by a study made in Uzbekistan, Uzb. geol. zhur. 10 no. 2: 61-67 '66.

SOVIET CENTRAL ASIA—HISTORY

Akademiia nauk SSSR, Institut istorii. [History of the U.S.S.R. from ancient times to our day in two series and twelve volumes.] Istoriia SSSR s drevneishikh vremen do nashikh dnei v dvukh seriakh, v dvenadtsati tomakh. Glav. red. sovet. B. N. Ponomarev i dr. Moskva, Nauka.

[First series. Vols. 1-6. From ancient times to the Great October Socialist Revolution] Per-vaia seria. Tomy I-VI. S drevneishikh vremen do Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Glav. red. B. A. Rybakov.
Vol. 1. Pletneva, S. A., and B. A. Rybakov, eds. Social system of primitive rural communes. The ancient states of Transcaucasia and Central Asia. Ancient Rus' (before the 13th century) Pervobytnoobshchestvennyi stroi. Drevneishie gosudarstva Zakavkaz'ia i Srednei Azii. Drevniana Rus' (do nachala XIII v.). 1966. 716 p.

SOVIET CENTRAL ASIA—IRRIGATION CANALS AND FLUMES

Chemistry in the construction of an irrigation system in Central Asia, B. Aleev, Stroi. i arkh. Sred. Az. 1 no. 7:35-36 Ji '64.

SOVIET CENTRAL ASIA—IRRIGATION FARMING

Some problems of the economic efficiency of irrigation farming, G. Raskin, Vop. ekon. no. 4:56-65 Ap '65.

SOVIET CENTRAL ASIA—PARASITES—CATTLE

Demodex infection of cattle in the northwestern zone and Central Asian Republics, D. K. Poliakov, Trudy VNIIVS 16:10-14 '60.

SOVIET CENTRAL ASIA—PAVEMENTS

Mixes of local materials should be used for paving, A. V. Poletaev, E. G. Abrutskaf, F. Kim, Stroi. i arkh. Uzb. 7 no. 3:11-14 Mr '66.

SOVIET CENTRAL ASIA—PROSPECTING

Selection of a direction, B. Deslatchikov, I. Mints, Ekon. i zhizn' 8 no. 4:22-25 Ap '66.

SOVIET CENTRAL ASIA—RAILROADS—ROLLING STOCK

For the highest car productivity, A. Lifshits, K. Khodzhaev, Ekon. i zhizn' 8 no. 4:47-49 Ap '66.

SOVIET CENTRAL ASIA—THORITE

Low-temperature fertilite from Central Asia, Sh. A. Abakirov, L. L. Leonova, K. V. Fedotova, Zap. Vses. min. ob-va 95 no. 2:232-238 '66.

SOVIET FAR EAST—BEARS

Characteristics of the coexistence between bear, brown bear, and black bear in the Amur-Ussuri region, N. V. Rakov, Zool. zhur. 45 no. 4:617-618 '66.

SOVIET FAR EAST—BOARS

Characteristics of the coexistence between boar, brown bear, and black bear in the Amur-Ussuri region, N. V. Rakov, Zool. zhur. 45 no. 4:617-618 '66.

SOVIET FAR EAST—BOTANY

Voroshilov, V. N. [Flora of the Soviet Far East; a synopsis with tables for species determination] Flora Sovetskogo Dal'nego Vostoka; konspekt s tablitsami dlia opredeleniia vidov. Moskva, Nauka, 1966. 276 p.

SOVIET FAR EAST—ECONOMIC CONDITIONS

Khabarovsk. Institut inzhenerov zheleznodorozhnogo transporta. [Problems of scientific communism] Voprosy nauchnogo kommunizma. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1965. 230 p. (CSI-II)

SOVIET FAR EAST—EROSION

Mizerov, A. V. [Soil erosion in the southern Far East and on Sakhalin Island and measures for its control] Eroziia pochv tuga Dal'nego Vostoka i ostrova Sakhalina i mery bor'by s nei. Moskva, Nauka, 1966. 151 p.

SOVIET FAR EAST—FISHERIES—RESEARCH

Scientists of the Pacific Scientific Research Institute of Fisheries and Oceanography help the fishing industry, I. V. Kizvetter, Ryb. khoz. 42 no. 4:2-4 '66.

SOVIET FAR EAST—FISHERMEN

Synikov, E. P. [Conquerors of the blue waters] Pokori-tell goluboi tseliny. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965. 25 p.

SOVIET FAR EAST—FUNGI, PHYTOPATHOGENIC

Plant diseases in the Far East, E. Nelen, Zashch. rast. 11 no. 1:16-17 '66.

SOVIET FAR EAST—GEOLOGY, STRUCTURAL

Silicon-volcanic group of formations in the northwestern part of the Pacific Ocean mobile belt, L. I. Krasnyi, A. F. Mikhailov, Trudy VSEGEI 128:132-140 '66.

SOVIET FAR EAST—LABOR AND LABORING CLASSES—EDUCATION

New stage in the upsurge of the technical and cultural level of the working class during the period of the large-scale building of communism; based on the materials from Siberia and the Far East, G. A. Dokuchaev, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:102-111 '64.

SOVIET FAR EAST—LABOR SUPPLY

Labor problems of the Far East, Zh. A. Zaitonchkovskii, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:135-139 '64.

Regional characteristics of the labor resources and the balance of labor of the Far East, L. L. Rybakovskii, Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:66-72 '64.

SOVIET FAR EAST—LAMELLIBRANCHIATA

Distribution and food value of the Leda mollusk, V. A. Skalkin, V. E. Kutlasova, G. G. Tolmacheva, Ryb. khoz. 42 no. 4:70-71 '66.

SOVIET FAR EAST—REVOLUTION, 1917-1921

History of the establishment of the People's Revolutionary Army of the Far East Republic, B. Shereshevskii, Voen.-ist. zhur. 8 no. 5:104-108 My '66.

Melekhin, I. A. [Along the roads of the taiga; reminiscences of a veteran of the civil war in the Far East] Taizhnyimi tropami; vospominaniia uchastnika grazhdanskoi volny na Dal'nem Vostoke. Khar'kov, Prapor, 1965. 253 p.

SOVIET FAR EAST—ROCKS

Silicon-volcanic group of formations in the northwestern part of the Pacific Ocean mobile belt, L. I. Krasnyi, A. F. Mikhailov, Trudy VSEGEI 128:132-140 '66.

SOVIET FAR EAST—SAWMILLS

Baranov, S. A., and V. F. Velsheva. [Sawing large logs at Siberian and Far East plants] Raspilovka krupnomernykh breven na zavodakh Sibiri i Dal'nego Vostoka. Moskva, Lesnaya promyshlennost', 1966. 59 p.

SOVIET FAR EAST—SOYBEAN—FERTILIZERS AND MANURES

Results of the experiments in using molybdenum fertilizers for soybean in the Far East, M. F. Sokolova, Agrokhimia no. 5:88-95 My '66.

SOVIET FAR EAST—UMBELLIFERAE

Gorovoi, P. G. [Umbellifers (family Umbelliferae Moris.) of the Maritime Territory and Amur Valley; taxonomic review, geographical distribution, qualitative chemical composition] Zontichnye (sem. Umbelliferae Moris.) Primor'ia i Priamur'ia; sistematicheskii obzor, geograficheskoe rasprostraneniye, kachestvennyi khimicheskii sostav. Moskva, Nauka, 1966. 293 p.

SOVIET FAR EAST—VOLCANOES

An encounter with Pluto, A. Shalimov, V mire knig 6 no. 4:16 Ap '66.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Azerbaijan; Osh; Ukraine)
Lopeskhin, A. I. [Soviets, the power of the workers, 1917-1936] Sovety - vlast' (trudashchikstva, 1917-1936. Moskva, Iuridicheskaya literatura, 1966. 574 p.
Moscow. Akademiia obshchestvennykh nauk. [From the history of the activities of the soviets] Iz istorii delatel'nosti Sovetov. Moskva, Mysl', 1966. 172 p.

SOYBEAN

Significance of vitamin B12 in the nutrition of experimental animals put on a soya-lactose diet, O. I. Penar, Vop. pit. 23 no. 4:55-58 Ji-Ap '64.

SOYBEAN—FERTILIZERS AND MANURES see subdivision under Soviet Far East

SOYBEAN—IRRIGATION

Formation and productivity of the photosynthesizing apparatus of soybean under various irrigation conditions, K. N. Zhaiilvaev, E. Kh. Khasenov, Fiziol. rast. 13 no. 1:165-169 Ja-F '66.

SOYOT LANGUAGE see Tuvian language

SOZH VALLEY—ANTIQUITIES

Stralita, settlement of the Neolithic period in the Sozh Valley; the excavations of 1963-1964, L. I. Artemenko, I. M. Turina, Krat. soob. Inst. arkh. i etn. no. 106:38-42 '66.

SPACE AND TIME

Critical evaluation of the Idealist interpretation of the category of time by Hans Reichenbach as a way to prove the lack of substance in physical phenomena, V. T. Pavlov, Filos. probl. such. prirod. no. 2:46-53 '64.

Philosophical characteristics of the concept of the "measure of space and time," O. O. Lyasynina, Filos. probl. such. prirod. no. 2:53-60 '64.

Propagation of light through a singular Schwartzschild sphere, R. I. Khrapko, Zhur. eksp. teor. fiz. 50 no. 4: 971-974 Ap '66.

Sviderskii, V. I., and A. S. Karmin. [The finite and the infinite; philosophical aspects of the problem] Konechnoe i beskonечноe; filosofskii aspekt problemy. Moskva, Nauka, 1966. 319 p.

Time and causation, I. A. F. Askin, Vop. filos. 20 no. 5:74-84 '66.

SPACE FLIGHT

Kondrat'ev, N. A., and V. A. Odintsov, eds. [Handbook on astronautics] Spravochnik po kosmonavtike. Moskva, Voenizdat, 1966. 325 p.

The fifth anniversary of a great achievement. Radio no. 4:3 Ap '66.

SPACE FLIGHT—DICTIONARIES

Murashkevich, A. M., and others comps. [English-Russian guided missiles and space flight dictionary. More than 50,000 terms] Anglii-russkii raketno-kosmicheskii slovar'. Botee 50 tyslakh terminov. Moskva, Voenizdat, 1966. 920 p.

SPACE FLIGHT—PHYSIOLOGICAL EFFECT

Biological experiment in space, V. V. Parin, Priroda 55 no. 5:113-114 My '66.

Pathomorphological changes in hemopoietic organs of mice subjected to combined action of ionizing radiations and dynamic factors of the space flight, N. A. Gidamakhin and others, Izv. AN SSSR. Ser. biol. no. 3:346-354 My-Je '66.

Physiological reactions of astronauts exposed to overload during space flight on the "Voskhod" spaceship, A. R. Kotovskii and others, Izv. AN SSSR. Ser. biol. no. 3:337-345 My-Je '66.

SPACE FLIGHT TO VENUS

Pravda, Moscow. [Landing on Venus] Posadka na Veneru. Moskva, Znanie, 1966. 14 p. (Novoe v zhizni, nauke, tekhnike. IX Seria: Fizika, matematika, astronomia, no. 9)

SPACE LAW

Akademiia nauk SSSR, Institut gosudarstva i prava. [Space and the problem of general peace] Kosmos i problema vobshchego mira. Moskva, Nauka, 1966. 103 p.

Legal regulation of the salvage of space ships and the rescue of astronauts, I. U. Rybakov, Sov. gos. i pravo 36 no. 5:123-127 My '66.

Legal status of the celestial bodies, G. Zlukov, Nov. vrem. 23 no. 24:15-16 Je '66.

SPACE VEHICLES

Kondrat'ev, N. A., and V. A. Odintsov, eds. [Handbook on astronautics] Spravochnik po kosmonavtike. Moskva, Voenizdat, 1966. 325 p.

SPACE VEHICLES—ORBITS

Unusual orbits or figure skating in outer space, V. Mikhalev, NTO 8 no. 5:60-61 My '66.

SPAIN—CIVIL WAR, 1936-1939

In the fire of tank attacks. M. Ogleblin. *Neftnik* 10 no. 5:4-6 My '65.

With Spanish seamen against fascism (to be continued). N. G. Kuznetsov. *Vop. ist.* 41 no. 5:91-106 My '66.

SPANISH AMERICA see Latin America

SPANISH LANGUAGE—DICTIONARIES—RUSSIAN

[Spanish-Russian dictionary. Approximately 42,000 words] *Ispravko-russkii slovar'*. Okolo 42 000 slov. Pod obshech. red. F. V. Kel'mina. Izd. 6., stereotipnoe. Moskva, Sovetskaya Entsiklopediya, 1966. 944 p.

SPARK-EROSION MACHINERY see Electric metal cutting

SPARKS

Which spark is dangerous? A. Rozlovskii. *Izobr. i rish.* no. 3:36-37 Mr '66.

SPASMOLYTICS see Antispasmodics

SPASTIC PARALYSIS see Paralysis, Spastic

SPECIFIC HEAT see Heat capacity

SPECIFIC GRAVITY

Accelerated method for determining soil specific gravity in kerosene. G. I. A. Petinov. *Pochvovedenie* no. 5:99-102 My '66.

SPECTROCHEMISTRY

Chemical and spectral determination of impurities in mercury. V. G. Tiptsova, E. I. Malkina, Z. A. Anisimova. *Zhur. anal. khim.* 21 no. 4:458-462 '66.

SPECTROMETER

Mel'nikov, G. P. [Electronic digital spectrometers in experimental nuclear physics] *Elektronnye tsifrovye spektrometry v eksperimental'noi iadernoi fizike*. Moskva, Atomizdat, 1966. 190 p.

SPECTROPHOTOMETRY

Automatic photometric pulse analyzers of solutions. B. F. Rud'ko and others. *Khim. mashinost.* no. 2:180-185 '65.

Effect of gamma-irradiation on the absorption spectrum of visual purple. N. M. Trunova. *Biul. eksp. biol. i med.* 58 no. 9:72-74 S '64.

Extraction-spectrophotometric method for the determination of thallium. A. P. Kreshkov, L. P. Sontskaya, A. M. Karagolina. *Zhur. anal. khim.* 21 no. 4:415-419 '66.

Formation of zirconium and hafnium thiocyanates in aqueous solution. A. M. Golub, V. N. Sergun'kin. *Zhur. neorg. khim.* 11 no. 4:770-774 Ap '66.

Method for the cytophotometry of vitally stained cells. S. V. Levin, K. A. Gal'fand. *TSitologiya* 6 no. 4:525-530 Ji-Ap '64.

Spectrophotometric determination of papaverine hydrochloride, dibazol, and theobromine in tablets. T. E. Gultimova. *Apt. delo* 15 no. 2:43-48 Mr-Ap '66.

Spectrophotometric determination of phenium. V. M. Taralan, L. G. Musheghjan. *Izv. AN Arm. SSR. Khim. nauk* 18 no. 6:552-555 '65.

Spectrophotometric determination of sodium para-aminosalicylate in a preparation and in medicinal forms. Report No. 1. T. V. Koval'chuk. *Farmatsev. zhur.* 20 no. 3:23-28 '65.

Spectrophotometric determination of titanium as a pyrocatechol complex with picolinic acid. S. I. A. Shneiderman, E. N. Kozlova. *Zhur. anal. khim.* 21 no. 4:410-421 '66.

Spectrophotometric method of the analysis of some alkaloid salts and their synthetic substitutes, individually and in medicinal mixtures. Report No. 2. F. E. Kahan and others. *Farmatsev. zhur.* 20 no. 3:14-17 '65.

Spectrophotometric study of chloroform solutions of the dinitropyrimethane thiocyanate complex of iron (III). A. K. Babko, M. M. Tannaniko. *Zhur. neorg. khim.* 11 no. 4:827-834 Ap '66.

Spectrophotometry of sodium diethyldithiocarbamate in water and carbon tetrachloride. N. P. Komar', A. K. Khukhrjanskii. *Zhur. neorg. khim.* 11 no. 5:1148-1154 My '66.

SPECTRUM, INFRARED

Structure of crystalline rare earth nitrates. R. A. Chupakhina, E. N. Korobleva, V. V. Serbrennikov. *Zhur. neorg. khim.* 11 no. 4:786-789 Ap '66.

Study of rare-earth carbonates by the method of infrared spectroscopy. M. V. Akhmanova, L. P. Orlova. *Geokhimiya* no. 5:571-578 My '66.

SPECTRUM, ULTRAVIOLET

"Chemical analysis in ultraviolet rays" by K. P. Stoliarov. *Zhur. anal. khim.* 21 no. 4:514 '66.

SPECTRUM ANALYSIS

Determining the electron concentration from emission lines of the Balmer series. L. N. Kurochka. *Astrofizika* 1 no. 4:368-372 D '65.

Determining the purity of gold based on the reflection index in the violet part of spectrum. E. M. Muratov. *Izv. AN Kazakh. SSR. Ser. geol.* 23 no. 1:64-68 Ja-F '66.

Energy spectrum of a disordered linear chain. M. I. A. Mintz. *Zhur. eksp. teor. fiz.* 50 no. 4:1156-1166 Ap '66.

Fundamentals of schillationspectroscopy. Z. Zsebok, D. Vedres. *Vest. rent. i rad.* no. 2:63-69 '64.

Lines of forbidden transitions related to the first excited sp^2 configurations in the isoelectronic coronal sequences. Part 3. A. A. Nikitin, O. A. Iakubovskii. *Vest. LGU* 21 no. 7:146-149 '66.

Practical use of spectrum analysis in the Institute of History of the Academy of Sciences of the Azerbaijan S. S. R. I. R. Selimkhanov. *Izv. AN Azerb. SSR. Ser. obshchestv. nauk* no. 6:138-142 '65.

Representation of the results of semiquantitative spectral analysis by means of logarithmically normal distribution. V. S. Mishchenko. *Dop. AN URSR* no. 4:491-494 '66.

Solution of a direct gravimetric problem for a contact surface by means of the transformation of the spectrum. L. T. Berezhnina, M. A. Telepin. *Prikl. geofiz.* no. 46:156-160 '66.

SPEECH—ANALYSIS

Statistical methods for the analysis of speech signals. S. P. Baronin. *Elektrosvyaz'* 20 no. 3:50-56 My '66.

SPHALERITE

Depressing action of sodium zincate upon sphalerite. Val. A. Konev, V. I. A. Konev, K. A. Razumov. *Obog. rud.* 11 no. 1:3-9 '66.

Geochemistry of cadmium, manganese, and iron in sphalerites. B. A. Balakishina. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no. 6:27-33 '64.

Rare cases of the joint formation of the skeletal and metacolloid aggregates of galenite and sphalerite. V. S. Kormilitsyn. *Zap. Vses. min. ob-va* 95 no. 2:210-214 '66.

Typochemical complexes of elements in minerals; as revealed by a study of sphalerite. A. A. Malakhov. *Geokhimiya* no. 3:556-570 My '66.

SPHERULITES

Initial stages of crystallization of selenium spherulites and the mechanism of their formation. I. E. Bolotov, E. A. Murav'ev. *Fiz. tver. tela* 3 no. 5:1585-1591 My '66.

SPIDERS see subdivision under Voronezh Preserve

SPLITES

Role of water in the formation of splites. V. V. Rishov. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 2:119-121 Mr-Ap '66.

SPILLWAYS

Welding of the joints of reinforced concrete structures of the spillways of the dams of the Zinak State Regional Electric Power Plant. I. I. Gorelik. *Energ. stroit'* no. 40:11-15 '64.

SPINAL CORD

Accesses to the spinal canal in tuberculous spondylitis complicated with compression of the spinal cord. G. A. Nigal. *Khirurgiya* 42 no. 2:40-44 F '66.

Activity of spinal cord neurons following stimulation of the hypothalamus and hippocampus. A. I. Shapovalov, B. A. Arutunjan. *Biul. eksp. biol. i med.* 58 no. 12:9-8 D '64.

Afferent control during the effect of pyramidal impulses on spinal motoneurons. S. M. Sverdlov, E. V. Maksimova. *Fiziol. zhur.* 52 no. 5:441-446 My '66.

Change in the channel capacity of the spinal efferent pathway in tetanus intoxication. G. N. Kryzhanovskii, M. V. D'akovna. *Biul. eksp. biol. i med.* 58 no. 9:12-17 S '64.

Effect of polarization of the spinal cord on visceromotor reflexes. A. A. Tradaduk. *Biul. eksp. biol. i med.* 58 no. 9:7-12 S '64.

SPINAL CORD—ABNORMALITIES AND DEFORMITIES

Congenital anencephalia and meningocele on the basis of toxoplasmosis. N. I. Popova. *Ark. pat.* 28 no. 3:60-71 '65.

SPINAL CORD—BLOOD SUPPLY

Blood supply of the spinal cord in cat. N. L. Valichus. *Uch. zap. Viteb. vet. inst.* 18:338-343 '64.

SPINAL CORD—INNERVATION

Changes in the Nissl's substance of the motoneurons of the anterior crescents of the spinal cord as a result of electric stimulation of the anterior radicles. I. S. Bazanova, A. S. Iontov, O. S. Merkulova. *Dokl. AN SSSR* 168 no. 1:237-239 My '66.

Effect of strychnine on the contralateral inhibition of spinal reflexes. S. A. Evdokimov, V. I. Saf'iants, I. U. M. Syan. *Dokl. AN SSSR* 168 no. 1:234-236 My '66.

Excitation propagation velocity in motor pathways of the spinal cord as related to humoral effects. D. A. Markov, N. I. Lushchitskaya, L. I. Starostenko. *Dokl. AN BSSR* 10 no. 5:356-358 My '66.

Functional interpretation of spinal cord nuclei in some animals. G. A. Pozhova. *Izv. AN Kazakh. SSR. Ser. biol. nauk* 2 no. 4:80-90 Ji-Ag '64.

SPINAL CORD—RADIOGRAPHY

Isotope method for the determination of permeability of the subarachnoid spaces of the spinal cord in the acute period of closed spinal trauma. V. Kh. Frenkel', Z. S. Sosonkin. *Vop. neirokhir.* 28 no. 3:16-18 My-Je '64.

SPINAL CORD—SURGERY

Surgical treatment of primary melanomas of the spinal cord. N. I. A. Vasin, A. M. El'ner. *Vop. neirokhir.* 30 no. 2:32-36 Mr-Ap '66.

SPINAL CORD—TUMORS

Melanoblastomas and melanomas of the spinal cord. R. S. Radkhan. *Vop. neirokhir.* 30 no. 2:59-60 Mr-Ap '66.

SPINAL CORD—WOUNDS AND INJURIES

Changes in the intramural nervous system of the urinary bladder in injuries of the spinal cord; experimental study. E. M. Kimbarovskaya. *Vop. neirokhir.* 28 no. 3:18-22 My-Je '64.

Concussion of the spinal cord. A. K. Kagramanova, N. S. Belinev. *Khirurgiya* 42 no. 2:19-23 F '66.

Isotope method for the determination of permeability of the subarachnoid spaces of the spinal cord in the acute period of closed spinal trauma. V. Kh. Frenkel', Z. S. Sosonkin. *Vop. neirokhir.* 28 no. 3:16-18 My-Je '64.

SPINE—ABNORMALITIES AND DEFORMITIES

Clinical and X-ray examination of the stomach and duodenum in grave forms of scoliosis. I. A. Rits. *Vest. khir.* 96 no. 4:52-56 Ap '66.

SPINE—PUNCTURE

Differential diagnosis of post-puncture cholesteatoma and tuberculous spondylitis. G. R. Khersonskii, M. I. Kulazhenko, A. B. Britan. *Probl. tub.* no. 9:81-82 '64.

SPINE—SURGERY

Accesses to the spinal canal in tuberculous spondylitis complicated with compression of the spinal cord. G. A. Nigal. *Khirurgiya* 42 no. 2:40-44 F '66.

SPINE—TUBERCULOSIS

Retropharyngeal abscess in the diagnosis of psoas abscesses. R. V. Bogoslavskii, S. S. Gorbunov. *Probl. tub.* 42 no. 6:75-76 '64.

SPINEL GROUP

Determination of the viscosity of spinel-like melts at temperatures up to 2500°C. E. V. Ermolaeva, G. F. Guzenko, M. M. Mirakhan. *Zhur. prikl. khim.* 38 no. 8:1725-1731 Ag '65.

SPINNING

Application of a certain integral transformation in the analysis of fiber spectra. D. A. Samorukova. *Izv. vys. ucheb. zav. i tekhn. tekhn. prom.* no. 2:76-81 '66.

Budnikov, V. I. [Dividing process in mechanical spinning] *Protsess deleniya v mekhanicheskoi pradeni*. Moskva, Legkaya Industriya, 1965. 273 p.

SPINNING MACHINERY

Studying the performance of pressure rollers with convex surface. I. U. V. Pavlov. *Izv. vys. ucheb. zav. i tekhn. tekhn. prom.* no. 2:59-65 '66.

Yarn tension in cap spinning. N. V. Medvedovskaya. *Izv. vys. ucheb. zav. i tekhn. tekhn. prom.* no. 2:168-172 '66.

SPINNING MACHINERY—TESTING

Methodology of the conventional evaluation of the wear of draft rollers in connection with the kinematics of the guide mechanism. I. R. Efros. *Izv. vys. ucheb. zav. i tekhn. tekhn. prom.* no. 2:150-155 '66.

SPIREOSIDE

Flavonoids of the blossoms of the rowan tree *Sorbus aucuparia*. M. I. Borysov, M. S. Zhurav'lov. *Farmatsev. zhur.* 20 no. 3:50-52 '65.

SPIRO, PETR ANTONOVICH, 1844-1893

Physiologist P. A. Spiro, 1844-1893. V. I. Demchuk. *Fiziol. zhur.* 50 no. 10:1300-1301 O '64.

SPIROSCOPY

Significance of bronchospirrometry in clinical practice and surgical treatment of pulmonary tuberculosis. V. D. Lampolskaya. *Sov. med.* 28 no. 9:65-69 S '64.

SPLEEN—SURGERY

Immunologic reactions following hormone therapy and splenectomy in children with Werlhof's disease. O. S. Sveshnikova. *Sov. med.* 28 no. 9:116-118 S '64.

Prevention of experimental thrombosis in splenectomized animals by intravenous introduction of fibrinolysin with heparin. B. A. Kudrashov, G. V. Andreenko, V. E. Pastorova. *Biul. eksp. biol. i med.* 58 no. 9:39-41 S '64.

SPLENIC VEIN—RADIOGRAPHY see Splenoportography

SPLENOPORTOGRAPHY

Modified splenoportographic method in cancer of the stomach. A. M. Granov, I. N. Khotomilanskaya. *Vop. onk.* 12 no. 6:15-18 '66.

- SPODUMENE—ANALYSIS**
Chemical nature of spodumene. V. V. Gordienko, G. E. Kalenchuk. Zap. Vses. min. ob-va 95 no. 2:169-180 '66.
- SPONTANEOUS COMBUSTION** see Combustion, Spontaneous
- SPORES (BOTANY)**
Electron microscopic study of the exine formation process in microspores of *Citrus sinensis*. E. L. Miliavina. Dokl. AN SSSR 168 no. 2:467-469 My '66.
- SPORTS**
Dzenis, Viktoras, Kostas Labanauskas, and Jurgis Palaima. [Sports training] Sportine treniruote. Vilnius, Mintis, 1965. 111 p. [In Lithuanian]
[Entertainer's companion] Sputnik zateinika. Moskva, Voenizdat, 1966. 123 p.
Mass participation for technical sports. I. Serebrianyi, S. Frolov. Tekh. i vooruzh. no. 7:41-45 J1 '65.
- SPORTS—PHYSIOLOGICAL ASPECTS**
"Electrovelotrab" as a new apparatus for determining the intensity of work of the athletes and the training of bicyclists between seasons. S. F. Tuzov. Uch. zap. TGPI 21:149-156 '64.
Gippenreiter, B. S. [Restorative processes in sports activities] Vostanovitel'nye protsessy pri sportivnoi deiatelnosti. Izd. 2. Moskva, Fizkultura i sport, 1966. 55 p. (Biblioteka sportmenov)
- SPORTS MEDICINE**
Correlation analysis of the cardiac sinus rhythm in trained sportsmen and in persons having had myocardial infarction. Z. Jansskevicius, D. Zemaityte. Vest. AMN SSSR 25 no. 5:41-43 '66.
Organization of exercise therapy and sport for women and men in the transitory age. Preliminary report. A. N. Trankvillitai. Trudy MOIP, Otd. biol. 17:268-272 '66.
- SPRATS** see subdivision under Caspian Sea
- SPRAYING AND DUSTING EQUIPMENT**
(see also subdivision under Moldavia)
Atomization of solutions by a rotating disk. G. Tseruashvili, A. Ramishvili. Zashch. rast. 11 no. 5:13 '66.
New machinery. S. Sheruda. Zashch. rast. 11 no. 5:10-12 '66.
Old machines once more in operation. I. Belov, A. Romanov. Zashch. rast. 11 no. 4:32-33 '65.
OPS-30B for spraying plants. IU. Ogaetov, A. Kushnarenko. Zashch. rast. 11 no. 4:33-34 '65.
S-293/5 sprayer-duster. I. Selin. Zashch. rast. 11 no. 5:15-16 '66.
Sliding working parts. I. Skvortsov, R. Iakushina. Zashch. rast. 11 no. 5:13-14 '66.
Sprayers for low volume spraying. I. Veletskii. Zashch. rast. 11 no. 5:14-15 '66.
We are using aerosol generators more efficiently. V. Buzitskov and others. Zashch. rast. 11 no. 5:21-24 '66.
- SPRAYING AND DUSTING IN AGRICULTURE**
(see also subdivision under Kazakhstan; Moldavia; Poltava Province; Sverdlovsk Province)
Agricultural airplane An-2M. IU. Kirzhner. Zashch. rast. 11 no. 1:26-27 '66.
Band application of herbicides. I. Veletskii. Zashch. rast. 11 no. 1:33-35 '66.
Initiative and practice. E. Levin and others. Zashch. rast. 11 no. 1:13-16 '66.
Low-volume spraying of an orchard on a state farm. A. Degtiareva, A. Dulgerov, A. Chizhik. Zashch. rast. 11 no. 1:10-11 '66.
Small-scale spraying of agricultural plants. IA. Meisa-Khovie. Inform. biol. VDNKH no. 5:28-30 My '66.
Ways to reduce the cost of mechanized work in plant protection. B. G. Khodasevich. Zap. LSKH 93:5-11 '65.
- SPRING** see subdivision under Kandalaksha (Murmansk Province)
- SPRINGS (MECHANISM)**
Blokhl, A. D., and B. I. Isaev. [Automatic device for controlling and sorting cylindrical compression springs] Avtomat dlia kontrolia i sortirovki tsilindricheskikh pruzhin szhatia. Leningrad, 1965. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seria: Metody i sredstva kontrolia kachestva i nadezhnosti mashin i priborov)
- SPRINGS (MECHANISM)—TESTING**
Device for torsional testing of springs. V. V. Khlebov. Zav. lab. 32 no. 1:105-106 '66.
- SPRINGS (MECHANISM)—VIBRATION**
Nonlinear longitudinal and lateral vibrations of springs. M. V. Khvingila. Izv. vys. ucheb. zav.; mashinostr. no. 3:189-197 '65.
- SPRUCE—DISEASES AND PESTS** see subdivision under Ural Mountains
- SPUR GEARING** see Gearing, Spur
- SPURGE**
Phytochemical study of the herb of the spurge *Euphorbia polastris*. Report No. 1. O. M. Sotnykova, R. K. Chagovets. Farmatsev. zhurn. 20 no. 3:56-61 '65.
- SPUTNIKS** see Artificial satellites
- SPUTTERING (PHYSICS)**
Sputtering of substances under bombardment by uranium ions. B. V. Panin, V. G. Tel'kovskii. Fiz. tver. tela 9 no. 4:1288-1290 Ap '66.
- SQUASH**
Characteristics of the formation of marrow squash seeds. I. V. Ermolenko. Vest. sel'khoz. nauki 11 no. 2:132-134 F '66.
- SQUIDS**
Use of frozen squids in cooking. L. L. Lagunov, N. E. Nikolaeva. Ryb. khoz. 42 no. 3:71-73 '66.
- SREDNECHIRCHIKSKIY DISTRICT—COLLECTIVE FARMS—MANAGEMENT**
On the upsurge. N. Aleev. Ekon. i zhizn' 8 no. 4:70-73 Ap '66.
- STABILITY**
Stability of the equilibrium of structural elements. I. D. Suzdal'nitskii. Izv. vys. ucheb. zav.; stroi. i arkhit. 9 no. 2:8-13 '66.
- STABILITY OF AIRPLANES**
Balancing characteristics of supersonic airplanes. S. IU. Skripichenko. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:16-27 '66.
- STABILITY OF AIRPLANES, LATERAL**
Estimation of the effect of a discrete control signal on the side-slip of an airplane at landing. A. S. Silina. Vest. LGU 21 no. 7:107-114 '66.
- STABILITY OF AUTOMOBILES**
Effect of self-blocking differential on the stability of a 4X2-type motortruck. I. A. D'jakov, M. A. Nosenkov. Avt. prom. 32 no. 5:8-11 My '66.
Stability of GAZ-66 motortruck. K. D. Kuznetsov, N. I. Kuznetsov. Avt. prom. 32 no. 4:43-44 Ap '66.
- STABILITY OF MOTION, THEORY OF**
Conditions for the nonholonomous stabilization of a steady motion of some systems. I. V. Nikolenko. Dop. AN URSR no. 4:448-451 '66.
Statistical stability of the oscillatory motion of a system with one degree of freedom. A. N. Malinkhov, G. N. Bochkov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 2:314-323 '66.
- STABILITY OF SHIPS**
Calculating the heeling of the ship taking into consideration the resistance of water. V. V. Semenov-Tian-Shanskii. Sudostroenie 56 no. 3:6-8 Mr '66.
- STACKS (HAY, GRAIN, ETC.)**
Experimental study of the performance conditions of galleries under a stack of loose material. A. M. Makeev. Trudy MHT no. 194:202-209 '66.
- STAINS AND STAINING (MICROSCOPY)**
Changes in the methylene-blue staining of preterminal nerve branches during the pessimum. E. A. Shapiro. TSitologiya 6 no. 4:415-420 J1-Ag '64.
Histological diagnosis of mycosis. V. V. Kurasova, N. A. Spektivseva. Trudy VNIIVS 16:415-419 '60.
Method for the cytophotometry of vitally stained cells. S. V. Levin, K. A. Goll'fand. TSitologiya 6 no. 4:525-530 J1-Ag '64.
Method for the differential extinction of the parafluorescence of cocci in preparations stained with por-tussels and parapertussis fluorescent sera. E. R. Berezitskaia. Zhur. mikrobiol., epid. i immunit. 41 no. 8:71-74 Ag '64.
Permeability of the giant axon of squids to neutral red and cyanole. N. N. Nikol'skii, S. A. Krolenko. TSitologiya 6 no. 4:421-426 J1-Ag '64.
Some properties of Remazol Red and two forms of its binding by muscles, muscle models and actomyosin. Z. B. Popova, A. D. Braun. TSitologiya 6 no. 4:508-512 J1-Ag '64.
- STALINGRAD** see Volgograd
- STALINGRAD, BATTLE OF, 1942-1943**
Fire on himself. V. N. Donnik. Vest. protivovozd. obor. no. 5:88-90 My '66.
- STALINGRAD HYDROELECTRIC POWER STATION** see Volga Hydroelectric Power Station (22d Congress of the CPSU)
- STALINGRAD PROVINCE** see Volgograd Province
- STALINO** see Donetsk
- STALINO PROVINCE** see Donetsk Province
- STANDARDIZATION**
(see also subdivision under Armenia)
Standardization. Tekh. kino i telev. no. 5:96 My '66.
- STANDARDS, ENGINEERING**
[Index of State Standards, 1966; as of January 1, 1966] Ukazatel' Gosudarstvennykh Standartov 1966; po sostoiianiu na 1 yanvaria 1966 g. Izdanie ofitsial'noc. Moskva, Izd-vo Standartov, 1966. 639 p.
[Information index of standards] Inform. ukaz. stand. 27 nos. 3-4 '66.
- STANISLAV PROVINCE** see Ivano-Frankovsk Province
- STANOVY RANGE—ROCKS, IGNEOUS**
Mesozoic small intrusions in the western part of the Stanovoy Range. E. P. Gurova, E. P. Gurov. Geol. i geofiz. no. 2:61-68 '66.
- STAPHYLOCOCCAL DISEASE**
Bacteriological and immunological studies in staphylococcal chronic sepsis with neuropsychic disorders. V. G. Pikus. Zhur. mikrobiol., epid. i immunit. 41 no. 8:78-84 Ag '64.
Phage typing of staphylococci isolated from children with pneumonia. IU. V. Diachenko. Zhur. mikrobiol., epid. i immunit. 41 no. 8:84-87 Ag '64.
Some problems of age-related reactivity in staphylococcal infection. A. D. Ostrovskii. Zhur. mikrobiol., epid. i immunit. 43 no. 4:103-107 Ap '66.
- STAPHYLOCOCCUS**
Combined action of novobiocin and some antibiotics on *Staphylococcus aureus* in vitro. M. N. Azimkhodzhaeva. Mikrobiol. zhur. 20 no. 2:91-94 '66.
- STAPLERS (SURGERY)**
Use of suturing apparatus in surgery. L. A. Gevorkian, V. O. Sarukhian. Zhur. eksp. i klin. med. 6 no. 1:80-84 '66.
- STARAYA RUSSA (NOVGOROD PROVINCE)—SALT INDUSTRY**
Salt making enterprises of the Iverskii Monastery in the 17th century. G. S. Rabinovich. Uch. zap. Ped. inst. Gorki 276:113-153 '65.
- STARAYA RUSSA (NOVGOROD PROVINCE)—SOCIAL CLASSES**
Changing social structure and growing differentiation of the population of Staraya Russa in the 17th century. S. G. Rabinovich. Uch. zap. Ped. inst. Gorki 276:87-112 '65.
- STARICH**
Improving the quality of grain starch in the combined method of grain processing to starch and alcohol. P. F. Klenikov, B. A. Ustinov, S. I. Gromov. Sakh. prom. 40 no. 8:56-61 My '66.
Starchiness is the basic quality of potatoes. N. Vinogradskii. Zakup. sel'khoz. prod. no. 4:53-55 Ap '66.
- STARCH INDUSTRY**
Control of the work of the grinding stations in potato starch factories. M. E. Burman. Sakh. prom. 40 no. 5:64-65 My '66.
Standard plan of a shop for potato processing to dry starch. V. S. Alekhina. Sakh. prom. 40 no. 5:62-64 My '66.
- STARCH INDUSTRY—EQUIPMENT AND SUPPLIES**
Kurochitskii, Ch. K., and M. K. Mamyakii. [Modern equipment in starch and molasses production] Sovremennoe oborudovanie krakhamlo-patochnoi promyshlennosti. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1965. 34 p.
- STARS**
[Stars and the universe. Participants in the discussion: V. A. Ambartsumian and others] Zvezdy i vselennaya. V besede uchastvuiut: V. A. Ambartsumian i dr. Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauka, tekhnika. IX Seria: Fizika, matematika, astronomika, no. 10)
- STARS—CLASSIFICATION**
The quark star hypothesis. D. D. Ivanenko, D. F. Kurdigeldaez. Astrofizika 1 no. 4:479-482 D '65.
- STARS—CLUSTERS**
Determinability of the age of globular clusters by the dynamic method. I. V. Petrovskaya. Astrofizika 1 no. 4:437-453 D '65.
- STARS—SPECTRA**
Differential depression of Fe I levels, and the red shifts of spectral lines at pressures not exceeding 1 atm. O. A. Mel'nikov. Astrofizika 1 no. 4:351-368 D '65.
Doppler effect and the maximally resolved line of the Balmer series. L. N. Kurochka. Astrofizika 2 no. 1:131-133 Mr '66.
Sobolev, V. V., V. G. Gorbatskii, and V. V. Ivanov. eds. [Theory of stellar spectra] Teoriia zvezdnykh spektrov. Moskva, Nauka, 1966. 386 p.

STARS, NEW

- Galaxies with frequent outbursts of supernovae. B. V. Kukarkhin. *Astrofizika* 1 no. 4:465-471 D '65.
- Remarks on the frequency of supernovae. V. A. Ambartsumian. *Astrofizika* 1 no. 4:473-474 D '65.
- Role of coherent plasma radio emission from quasars and remnants of supernovae. V. L. Ginzburg, L. M. Ozernoi. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 2:222-233 '66.

STARS, VARIABLE

- BN Oriens, a star of the RW Aurigae type. B. A. Dragomiretskaya. *Astrofizika* 1 no. 4:455-464 D '65.
- Interpretation of flareup stars. L. V. Mirzolan. *Astrofizika* 2 no. 1:121-124 Mr '66.
- Photoelectric observations of AG Dra 1965. T. S. Belikhan. *Astrofizika* 2 no. 1:115-119 Mr '66.
- The variable star AG Dra. A. A. Bolarchuk. *Astrofizika* 2 no. 1:101-113 Mr '66.

STARS, VARIABLE—SPECTRA

- Continuous emission from SS Cyg. L. V. Mirzolan, N. L. Kalogian. *Astrofizika* 1 no. 4:384-386 D '65.
- Some results of a spectrophotometric study of V 44 Cygni. N. L. Ivanova, R. Kh. Ognanessian, R. A. Epreman. *Astrofizika* 1 no. 4:397-404 D '65.
- Study of the spectrum of RW Aurigae. M. K. Kharadze, R. A. Bartula. *Astrofizika* 1 no. 4:405-415 D '65.

STARVATION

- Biochemical characteristics of the starvation process in a series of plant lice. L. A. Sobetskiy, M. A. Derzhavina. *Vred. i polez. fauna bespozv. Mold.* no. 2: 39-48 '65.
- Electroencephalographic analysis of ascending activation of the brain during prolonged starvation. A. A. Panfilov, T. N. Leseva. *Fiziol. zhur.* 52 no. 5:447-452 My '66.

STASOV, VLADIMIR VASIL'EVICH, 1824-1906

- Lebedev, A. K. Vladimir Vasil'evich Stasov. Leningrad, Khudozhnik RSFSR, 1965. 59 p. (Narodnaya biblioteka po iskusstvu)

STATE FARMS see subdivision under Irtysh Valley; Orenburg Province; Siberia, Western

STATE FARMS—FINANCE

- (see also subdivision under Uzbekistan)
- Financing expenditures for capital investments and the repair of fixed assets on state farms. A. Pakhomov. *Vop. ekon.* no. 4:129-134 Ap '66.
- The state farm became profitable. A. Rakhimov. *Ekon. i zhizn'* 9 no. 4:479 Ap '66.

STATE FARMS—MANAGEMENT see subdivision under Odessa Province

STATES, NEW—POLITICAL PARTIES

- Ruling parties in the recently created national states. Komm. Vooruzh. Sil 47 no. 11:84-87 Je '66.

STATIONERY

- From the history of papermaking; stationery. S. A. Kleplkov. *Dum. prom.* no. 5:26-27 My '66.

STATISTICAL MECHANICS

- Fluctuation-dispersion relations. F. V. Bunkin, I. I. Konev. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 2:404-407 '66.
- Vlasov, A. A. [Statistical distribution functions] Statisticheskie funktsii raspredeleniya. Moskva, Nauka, 1966. 355 p.

STATISTICS

- In the Collegium of the Central Statistical Administration of the U. S. S. R. K. S. Vost. stat. no. 5:77-79 '66.
- Sis'kov, V. I. [Statistical measurement of production quality] Statisticheskoe izmerenie kachestva produktsii. Moskva, Statistika, 1966. 105 p.

- Statistics and military training. I. V. Rotermel'. *Mov. spor.* 40 no. 5:54-56 My '66.

STATISTICS—CONGRESSES

- Geneva conference of a group reporting on the preparation of national accounts and the national economic balance. V. Arslanov. *Ekon. Rad. Ukr.* 9 no. 4:94-95 Ap '66.
- Statistikal Tudomanyos Konferencia, Budapest, 1961. [Balances of interbranch relations; their compilation and use. Reports of Section "A." Translated from the Hungarian.] Balansy mezghozraslevykh svyazoi; postroenie i primeneniye. [Doklady sektsa "A."] Pod red. O. D. Protchenko. [Moskva] Statistika, 1966. 255 p.

STATISTICS, SOCIAL

- Social structure of the rural population. I. V. Arutunian. *Vop. filos.* 20 no. 5:51-61 '65.

STAVROPOL TERRITORY—COLLECTIVE FARMS—MANAGEMENT

- A taste for collective-farm economics. G. Kalmykov. *Agitator* no. 3:32-35 F '64.

STAVROPOL TERRITORY—IRRIGATION

- Soil irrigation in Stavropol Territory. I. P. Komlagin. *Pochvovedenie* no. 5:35-40 My '66.

STAVROPOL TERRITORY—PERENNIALS

- Seed germination of some ornamental perennials of the Stavropol Territory flora. V. V. Skripchinskii. *Bot. zhur.* 51 no. 4:553-557 Ap '66.

STAVROPOL TERRITORY—PETROLEUM GEOLOGY

- Lower Cretaceous reservoirs on the eastern slope of the Stavropol arch. I. A. Konukhov, I. A. Nazarevich. *Geol. nefti i gaza* 10 no. 5:46-49 My '66.

STAVROPOL TERRITORY—RURAL LIBRARIES

- We bring our books to shepherds. V. Kalinin, I. Malakhova. *Bibliotekar'* 43 no. 5:16-17 My '66.

STEAM

- Heating of free falling water jets by steam under vacuum conditions. I. A. Trab, O. P. Litvin. *Energomashinstroenie* 12 no. 4:25-26 Ap '66.

STEAM—ELASTIC PROPERTIES

- Using a steam elasticity analyzer in the system of automatically stabilized columns. O. L. Barysh-Tyschenko and others. *Neftep. i neftekhim.* no. 3:45-48 '66.

STEAM AS A DISINFECTANT

- Steam and formalin disinfection chamber with a volume of 3m³. A. N. Karaseva, M. A. Uzalok. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:16-18 Ag '64.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM POWER PLANTS

- Steam power plants. L. Shapiro. *Tekh. i vooruzh.* 24 no. 4:19-25 Ap '66.

STEAM TURBINES

- (see also subdivision under Kharkov)

- Buckling of turbine rotors and straightening them. A. I. Smirnyi, M. A. Morozov, I. A. L. Volnich. *Energomashinstroenie* 12 no. 4:30-32 Ap '66.

- Causes of damage to an AT-25 turbine thrust bearing. L. P. Serozhkhina, A. I. Panfilova. *Elek. sta.* 37 no. 3: 79-82 Mr '66.

- Choice of the initial parameters of steam for large serially produced units. A. G. Ryss, T. I. Ozeran. *Elek. sta.* 36 no. 3:10-13 Mr '65.

- Elimination of the opening of the console and cylinder of the VR-25 turbine. V. A. Garbuz. *Energomashinstroenie* 12 no. 4:32 Ap '66.

- Improvement of I and II amplification slide valves in AK-12-1, AT-12-2, APT-12-1, and VR-12-3-2 turbines. V. A. Lebedev and others. *Energetik* 14 no. 5:20-21 My '66.

- In the Technical Council of the Ministry of Power Engineering and Electrification of the U. S. S. R. Turbine with 500,000 kw. power rating and near critical steam parameters. *Energetik* 14 no. 5:47 My '66.

STEAM TURBINES, MARINE

- Control systems for geared turbines of sailing vessels. S. B. Akseil'rod, L. I. Isakov. *Inform. sbor. TSNIIMF* no. 151, Tekh. eksp. mor. flota no. 41:89-99 '65.

- Effect of starting, stopping and reversing on the thermal conditions and strength of marine steam turbines. I. M. Narlov, M. A. Nakhimovskii. *Trudy TSNIIMF* no. 68: 82-96 '65.

- Simplifying the condensation system of the steam-turbine ship "Tizik Lebedev." V. Lazarev. *Mor. flot* 26 no. 4: 30-31 Ap '66.

- Some results of the operation of the steam turbines of transport vessels. L. E. Landa. *Sudostroenie* 56 no. 3:18-22 Mr '66.

STEAMBOAT LINES

- The procedure of liner servicing in ports. A. Blinov. *Mor. flot* 26 no. 4:14-15 Ap '66.

STEAMPIPES

- (see also subdivision under Konakovo, Kalinin Province)

- Study of the microstructure of steampipes without cutting-out samples. D. E. Kan. *Energetik* 14 no. 5:23-24 My '66.

- Temperature conditions of flued pipe waterwalls. I. A. S. Zholodov, V. A. Lokshin. *Elek. sta.* 37 no. 3:7-12 Mr '66.

STEAMPIPES—TESTING

- Determining the strength limit of the metal of steam pipelines by the nondestructive method. M. P. Markovets and others. *Trudy MEI* no. 61 pt. 2:215-219 '65.

STEAMPIPES—WELDING see subdivision under Konakovo (Kalinin Province)

STEARIC ACID

- Using the pressless method in the production of low iodine content industrial stearic acid. M. S. Levit, N. D. Klochko. *Masl. zhur. prom.* 32 no. 4:22-25 Ap '66.

STEEL

- Investigating the drilling process in machining steel. P. G. Alekseev. *Izv. vys. ucheb. zav.; mashinostr.* no. 11:154-161 '64.

STEEL—BRITTLENESS

- Changes in the brittle strength of steel under the effect of cyclic plastic deformations. L. A. Glikman, E. D. Shokhovits. *Fiz. met. i metalloved.* 21 no. 4:568-574 Ap '66.

- Cold brittleness of thermally treated steel for pipelines. A. P. Gulliaev and others. *Stal'* 26 no. 5:461-464 My '66.

STEEL—CORROSION

- Electrostatic testing of the anodic response of steel in sea water and soils. M. F. Mugilov. *Za tekhn. prog.* 6 no. 4:33-36, 48 Ap '66.

- Inter-crystalline corrosion of pipe system parts in the production of urea. I. G. Kharlampiev, A. N. Kuziukov. *Khim. i nefte. mashinostr.* no. 3:45-46 Mr '66.

- Studying the effectiveness of the protection against hydrogen corrosion of a cladding layer of OKH13 steel on 20K steel sheet. V. G. Morozov and others. *Fiz. - khim. mekh. mat.* 1 no. 6:717-719 '65.

STEEL—ELECTROMETALLURGY

- Changes in the temperature of the metal in the ladle during pouring operations. A. G. Lifshits, F. P. Edneral. *Stal'* 26 no. 5:425-428 My '66.

- Steelmaking in acid electric arc and induction furnaces using silicon-containing scrap metal. V. M. Solfer, V. F. Martynenko. *Metallurg* 11 no. 5:14-16 My '66.

STEEL—FATIGUE

- Effect of boron carbide formation on the corrosion-fatigue strength of steel. N. G. Kaidash, V. I. Pokhmurskii. *Fiz. - khim. mekh. mat.* 1 no. 6:712-716 '65.

- Effect of steel purity and corrosive environment on low-cycle fatigue. V. I. Tkachev and others. *Fiz. - khim. mekh. mat.* 1 no. 6:732-733 '65.

- Effect of the frequency of repeated shocks on the endurance of steels. I. U. G. Bystrov. *Zav. lab.* 32 no. 1: 99-100 '66.

- Fatigue strength of cast medium carbon steel. I. U. A. Shul'te and others. *Lit. prozv.* no. 4:37-38 Ap '66.

- Increasing the fatigue life of steel in molten low-melting metals by hardening methods. M. I. Chaevskii, V. F. Shatinskii. *Fiz. - khim. mekh. mat.* 1 no. 6:664-669 '65.

- Role of oxygen in the adsorptive reduction of the fatigue life of steel specimens in contact with melts. M. I. Chaevskii, V. F. Shatinskii, V. V. Popovtch. *Fiz. - khim. mekh. mat.* 1 no. 6:654-658 '65.

- Scale factor in the corrosion fatigue of steel and similitude conditions. N. N. Tkachenko, R. G. Pogoretskii. *Fiz. - khim. mekh. mat.* 1 no. 6:730-731 '65.

STEEL—FRACTURE

- Effect of electroplating on the cracking of hardened steel during testing in the air and in a hydrogen-absorption corrosive medium. I. I. Vasilenko, G. V. Karpenko, N. N. Tkachenko. *Fiz. - khim. mekh. mat.* 1 no. 6:637-700 '65.

STEEL—HARDENING

- Methods of controlling the work hardening of pipe after straightening. M. P. Markovets and others. *Trudy MEI* no. 61 pt. 2:179-182 '65.

- Thermomechanical treatment of rods made of air-hardening steels. R. I. Shukurov. *Za tekhn. prog.* 6 no. 4:23-26 Ap '66.

STEEL—HEAT TREATMENT

- Heat conditions for the patenting of steel wire. A. P. Baskakov, A. S. Zavarov. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 5:162-167 '66.

- New technology in the heat treatment of percussive bits for air hammers. N. A. Klochko, M. V. Makhotkin, N. V. Molnova. *Gor. zhur.* no. 5:47-49 My '66.

STEEL—HYDROGEN CONTENT

- Role of hydrogen in the process of steel failure in a neutral corrosive environment. V. I. Tkachev, R. I. Kriplakovich. *Fiz. - khim. mekh. mat.* 1 no. 6:688-693 '65.

STEEL—INCLUSIONS

- Effect of aluminum on the character and the distribution of nonmetallic inclusions in 18-ton ingots of rimmed steel. M. I. Vainshtok and others. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 5:45-50 '66.

STEEL—MAGNETIC PROPERTIES

- Effect of rolling conditions on the magnetic properties of transformer steel. N. M. Fedosov and others. *Trudy MEI* no. 61 pt. 2:119-124 '65.

STEEL—MAGNETIC PROPERTIES (Continued)

- Influence of rolling lubricants on the magnetic properties of transformer steel. N. M. Fedosov and others. Trudy MEI no. 61 pt. 2:125-130 '65.
- Influence of the conditions of reduction during cold rolling on the magnetic properties of transformer steel. N. M. Fedosov and others. Trudy MEI no. 61 pt. 2:67-80 '65.
- Magnetic properties of transformer steel rolled from a 2.75 mm thick strip. N. M. Fedosov and others. Trudy MEI no. 61 pt. 2:95-103 '65.

STEEL—METALLOGRAPHY

- Behavior of sulfur during the crystallization of steel. V. I. Sarantsev, P. N. Bidulia. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:171-174 '66.
- Effect of the forming process flowsheet and the conditions of heating and homogenizing on the structural streakiness of StkP15 steel. S. G. Chernyavskaya and others. Kuz.-shtam. proizv. 8 no. 4:17-19 Ap '66.
- Hardening of austenite during direct and reverse martensite transformation. B. G. Gorbach, E. A. Izmailov. Izv. vys. ucheb. zav.; fiz. 9 no. 2:78-82 '66.
- Temperature of the tapping and pouring and its effect on the structure of medium carbon steel ingot and the quality of pipe. Z. A. Chikheidze and others. Stal' 26 no. 5:451-454 My '66.

STEEL—METALLURGY

- Effect of aluminum on the character and the distribution of nonmetallic inclusions in 18-ton ingots of rimmed steel. M. I. Vainshtok and others. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:43-50 '66.
- New developments in research. T. I. Malinovskaya and others. Stal' 26 no. 5:479 My '66.
- Production of primary spheroidal graphite in hypereutectoid steel. A. A. Ryzhikov, S. M. Polevoi. Lit. proizv. no. 2: 5-6 F '64.
- Stroganov, A. I., M. I. Kolosov, and I. A. Lubenets. [Increasing the output of steel-smelting units] Uvelichenie proizvoditel'nosti staleplavil'nykh agregatov. [Cheliabinsk] Izd. Khim.-Ural'skoe knizhnoe izd-vo, 1965. 91 p.

STEEL—NITROGEN CONTENT

- Improvement of the conductometric method of determining nitrogen in steel. I. U. V. Glushko, B. A. Shmelev. Zav. lab. 32 no. 1:14-16 '66.

STEEL—TESTING

- Amplitude-frequency dependence of internal friction in certain steels. V. S. Postnikov, I. M. Sharshakov, V. V. Usanov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:144-146 '66.
- Changes in the shape of the yield curve for plastically strained steel. B. V. Panov. Mashinovedenie no. 3:77-81 '66.
- Control of foliation of thin sheets. V. E. Vinnichenko. Zav. lab. 32 no. 1:38-40 '66.
- Cyclic strength of 90KhMF steel ground by diamond disks. P. A. Shal'man, G. I. Val'chuk. Fiz.-khim. mekh. mat. 1 no. 6:720-725 '65.
- Determining the limit of elasticity. M. P. Markovets, V. I. Pashina. Trudy MEI no. 61 pt. 2:201-208 '65.
- Determining the yield limit of Kh18NiOT steel by the extension method at higher temperatures. M. P. Markovets and others. Trudy MEI no. 61 pt. 2:221-224 '65.
- Gas content of medium carbon steel. N. A. Gederovich, V. S. Shitikov. Lit. proizv. no. 4:34-37 Ap '66.
- Influence of welding on the mechanical properties of thermally treated low-alloy steel. P. I. Sokolovskii, V. S. Iakovleva. Avtom. svar. 18 no. 4:1-7 Ap '65.
- Method for determining carbon in steel.

STEEL, STAINLESS—FATIGUE

- Effect of certain coatings on the fatigue and corrosion-fatigue strength of Kh17N2 steel. V. I. Pokhmurskii and others. Fiz.-khim. mekh. mat. 1 no. 6:694-696 '65.

STEEL, STRUCTURAL

- Efficient use of high-strength steel in structural elements. Z. Braude. Prom. stroit. inzh. soor. 5 no. 6:25-29 N-D '63.
- Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for the effective use of low-alloy steel in metal construction elements] Ukazaniia po effektivnomu primeneniui nizkoalloyirovannoi stali v stroitel'nykh metallokonstruktsiakh (SN 316-65) Moskva, Stroizdat, 1965. 10 p.

STEEL, STRUCTURAL—METALLURGY

- Production of high-quality steel in 120-ton open-hearth furnaces, treating it with liquid synthetic slag in the ladle. S. G. Volinov and others. Stal' 26 no. 5:405-409 My '66.

STEEL, STRUCTURAL—STANDARDS

- [Selection of ferrous metals. Rolled and gauged steel] Soriment chernykh metallov. Prokat i kalibrovannaya stal'. Izd. of tsial'noe. Moskva, Izd-vo Standartov, 1965. 456 p. (SSSR. Gosudarstvennye standarty)

STEEL, STRUCTURAL—TESTING

- Studying certain properties of cast structural alloy steel at high temperatures. N. N. Gaglian and others. Stal' 26 no. 5:457-460 My '66.

STEEL ALLOYS—ANALYSIS

- Photometric determination of niobium in alloyed steels with nitrosulphophenol C. E. I. Urchenko and others. Zav. lab. 32 no. 1:12-14 '66.

STEEL ALLOYS—METALLOGRAPHY

- Structure and properties of welded joints in low-alloy steel pipe. I. A. N. Malinovich, S. D. Pavlova, L. A. Sin'ko. Avtom. svar. 19 no. 4:13-17 Ap '65.

STEEL ALLOYS—TESTING

- Uniform and concentrated deformation of high-alloy steel. I. A. S. Gintsburg, A. G. Bobrov, V. G. Battal'kin. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:157-161 '66.

STEEL AND IRON BUILDING see Building, Iron and steel

STEEL FORGINGS—DEFECTS

- Studying conditions for the sealing of defects in metal during the cooling of its surface. I. A. M. Okhrimenko, V. P. Troitskii. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:115-119 '66.

STEEL FORGINGS—TESTING

- Producing and examining rotor forgings of Kh18Ni2M2T austenitic steel. I. G. Generson, P. M. Libman. Kuz.-shtam. proizv. 8 no. 4:13-16 Ap '66.

STEEL INDUSTRY

(see also subdivision under Ukraine)

- Carry out the decisions of the party. Stal' 26 no. 5:385 My '66.

- New achievements of Soviet metallurgy. V. Parfenov. Komm. Vooruzh. Sil 47 no. 10:16-21 My '66.

STEEL INDUSTRY—FINANCE

(see also subdivision under Dnieper Valley; Volgograd)

- Baldanov, B.-M. B. [Economic incentives for the efficient working capital in industry; based on material-ferrous metallurgy enterprises of the USSR] Ekonomicheskoe stimulirovanie pol'zovaniia oborotnykh sredstv v promyshlennyykh predpriyatiakh chernoi metal-lada promyshlennyykh predpriyati Buriat-an-Ude, Buriatskoe knizhnoe izd-vo.

Y—MANAGEMENT see subdivision under Y

- of the crystallization of an ingot following melting. Report No. 1. H. I. Afanas'ev. v. vys. ucheb. zav.; Chern. met. 9 no. 5:

- emically capped steel at the "Azovstal'" timov and others. Stal' 26 no. 5:409-

- yer ingots of L53 - Kh5F1 steels on a P. S. Plekhanov and others. Sbor. trud. 12:34-44 '65.

CLEANING

- or a unit for ingot cleaning from scale. G. K. Bronin. Kuz.-shtam. proizv. 1p '66.

STEEL INGOTS—DEFECTS

- Analysis of the conditions of shrinkage cavity formation in continuous ingots. D. A. Diukin and others. Stal' 26 no. 5:423-424 My '66.

STEEL INGOTS—TESTING

- Production and properties of mechanically capped steel for large sheet ingots. V. I. Lapitskii and others. Stal' 26 no. 5:413-416 My '66.

STEEL INGOTS, EFFECT OF TEMPERATURE ON

- Temperature of the tapping and pouring and its effect on the structure of medium carbon steel ingot and the quality of pipe. Z. A. Chikheidze and others. Stal' 26 no. 5:451-454 My '66.

STEEL PIPE see Pipe, Steel

STEELWORKERS see Iron and steel workers

STEERING GEAR

- Effect of the basic elements of the nozzle on the effectiveness of the propeller-nozzle complex during reverse running. V. K. Turbat. Sudostroenie no. 9:3-5 S '61.
- Handling a vessel during maneuvering in a current with the aid of the auxiliary steering device. A. Vasil'ev, V. Beloglazov. Rech. transp. 23 no. 2:40-41 F '64.

STEFANYK, VASIL' SEMENOVYCH, 1871-1936

- Lesyn, V. M. [Vasil' Stefanyk and Ukrainian prose at the end of the 19th century; a compendium of lectures for a special course] Vasil' Stefanyk i ukrains'ka proza kintsa XIX st.; konspekt lektsii spetskursu. Cherniv-tsi, Chernivets'kyi Derzh. univ., 1965. 63 p. (MII)

STELAZINE

- Effect of stelazine on the higher nervous activity in dogs. A. I. Sikharulidze. Azerb. med. zhur. 31 no. 6:24-26 Je '64.

STELAZINE—THERAPEUTIC USE

- Effect of triphazine on experimental influenza infection. A. M. Chernukh, N. S. Tolmacheva. Farm. i toks. 29 no. 2:206-209 Mr-Ap '60.

STEPPE FLORA see subdivision under Kazakhstan; Sarysu Valley (Kazakhstan)

STEREOCHEMISTRY

- Bykov, G. V. [History of the stereochemistry of organic compounds] Istoriia stereokhimiicheskikh soedinenii. Moskva, Nauka, 1966. 371 p.
- Conversion of dl-menthyl stereoisomers to dl-menthyl. N. E. Koloprivova and others. Zhur. prikl. khim. 38 no. 8:1893-1894 Ag '65.
- Stereochemistry of cyclic compounds. Report No. 65: Stereochemistry of oxidation of one of geometric isomers of 13-methyl-7-norbornene-4,4-dicarboxylic acid and its derivatives. I. A. Gur'chik, I. M. Mikhalev, V. P. Kucharov. Izv. AN SSSR, Ser. khim. no. 5:875-879 '66.
- Stereospecific synthesis of isomeric androstenediols. A. V. Semenovskii, V. A. Smir, V. F. Kucherov. Dokl. AN SSSR 160 no. 3:606-609 My '66.

STEREOPHONIC SOUND SYSTEMS

- Vysotskii, M. Z. [Large motion-picture screens and stereophony] Bol'shie kinoekrany i stereofonia. Moskva, Iskusstvo, 1966. 282 p.

STERIC HINDRANCE

- Color of dyes and steric hindrances in their molecules. A. I. Kiprianov, G. G. Dindusha, F. A. Mikhailenko. Usp. khim. 35 no. 5:823-852 My '66.

STERNUM—FRACTURE

- Osteosynthesis in a fracture of the sternum. E. V. Kapatsinskii. Ortop, travm. i protez. 25 no. 10:80-82 O '64.

STERNUM—SURGERY

- Apparatus used in suturing the sternum after its longitudinal dissection and the method of its application. B. A. Smirnov, N. A. Super, B. B. Druzhinskii. Grud. khir. 8 no. 2:120-131 Mr-Ap '66.

STEROID HORMONES

- Biosynthesis of steroid hormones in vitro in hormonally active tumors of the adrenal cortex in relation to the clinical picture of the disease. R. I. Skvortsova, V. I. Kertseman. Probl. endok. i gorm. 12 no. 3:19-25 My-Je '66.
- Detection of nicotinamide in the fraction of adrenal blood in dogs. V. N. Goncharova. Probl. endok. i gorm. 12 no. 3:78-81 My-Je '66.

STEROIDS

- ABC-part of 18-nor corticoids. Part 2: 7-ethylenedioxy-1,2,3,4aa,4ba,5,6,7,8,10,10aβ-dodecahydrophenanthrene-101-48-OH-1 (10-epimer of 10-norketole of Sarett). K. K. Pivnitskii, I. V. Torgov. Zhur. ob. khim. 36 no. 5:831-842 My '66.

STEROIDS (Continued)

ABC-part of 19-norsteroids. Part 3: Synthesis of 7-ethylenedioxy-10, 16 β -oxido-1, 2, 3, 4, 4aa, 4ba, 5, 6, 7, 8, 8a, 9, 10, 16aa-4-perhydrophenanthrene and configuration of 7-ethylenedioxy-1, 2, 3, 4aa, 4ba, 5, 6, 7, 8, 10, 10ad-dodecahydro-10, 16 β -phenanthrene-10, 16 β -diol. K. K. Pivitskii, I. V. Torgov. Zhur. ob. khim. 36 no. 5:843-850 My '66.

Ethylene imidophosphates of steroid hormones and related compounds. K. A. Petrov, A. I. Gavrilova, V. P. Korotkova. Zhur. ob. khim. 36 no. 5:853-856 My '66.

Studies in the field of the synthesis of derivatives of β -sitosterol and sterols. A. M. Khabat'kyl, M. V. Vasylyeva, E. M. Balanova. Farmatsev. zhur. 19 no. 2: 23-28 '64.

STILBENE

Determination of the radiation yield of triplet molecules in benzene radiolysis. L. I. Samokhvalova, V. A. Krugauz. Dokl. AN SSSR 168 no. 1:154-157 My '66.

STIMULANTS

Analysis of some effects of intravenous and intracardiac introduction of a chemical stimulant. L. I. Osadchii, Fiziol. zhur. 50 no. 9:1136-1143 S '64.

Biological stimulation of the organism in elderly persons with manifestations of atherosclerosis. N. A. Kaplin, E. T. Komarova, N. V. Pashkov. Trudy MOIP. Otd. biol. 17:195-201 '66.

Stimulation of antidiarrhoeal immunity with acetoxan. E. S. Gorbunova. Antibiotiki 11 no. 4:354-358 Ap '66.

Study of Leuzea carthamoides as a stimulant of the nervous system. S. F. Tuzov. Uch. zap. TGPI 21:157-161 '64.

STINKBUGS—PARASITES see Parasites—Stinkbugs

STIPA

Biology of flowering and embryology of Stipa. M. P. Solntseva. Trudy Bot. inst. Ser. 3 no. 17:135-150 '65.

STOCHASTIC PROCESSES

Distribution of the maxima of nonstationary random processes. V. F. Shukhilo. Radiotekh. i elektron. 11 no. 5:793-802 My '66.

Stochastic theories of the accumulation of fatigue damages. S. V. Serensen, V. P. Kogaev. Mashinovedenie no. 3:62-68 '66.

STOCK AND STOCKBREEDING

(see also subdivision under Ul'yanovsk Province)

Chemical composition of milk as an indicator of specific and breed characteristics in animal husbandry. N. A. Gorskii. Uch. zap. Viteb. vet. inst. 18:7-24 '64.

Effect of the ratio between plowland and the whole acreage of farmland on the ratios between the various branches of animal husbandry. I. D. Kornilov. Uch. zap. Viteb. vet. inst. 18:122-132 '64.

Improving the training of specialists in animal husbandry. A. S. Solun. Vest. sel'khoz. nauk 11 no. 2:146-147 F '66.

Tasks of science in raising the standards of agriculture and animal husbandry. P. P. Lobanov. Vest. sel'khoz. nauk 11 no. 4:1-6 Ap '66.

STOCK AND STOCKBREEDING—CONGRESSES

Vsesoyuznaya konferentsiya po uluchsheniyu plemennogo dela v zhivotnovodstve. 1965. [Materials and recommendations of the All-Union Conference on the Improvement of Breeding Work in Animal Husbandry] Materialy i rekomendatsii. Moskva, Kolos, 1966. 581 p. (DNL)

STOCK AND STOCKBREEDING—FEEDING AND FEEDS

Primary condition of the upswing of stock breeding. S. Efremova. Inform. biol. VDNKH no. 5:22-23 My '66.

STOMACH

Mechanisms of fundoparietal and antrofundal reflexes of the stomach. P. G. Bogach, S. D. Grolsman. Fiziol. zhur. 52 no. 5:512-520 My '66.

STOMACH—CANCER

Kinetic criterion of the effectiveness of cancer treatment. N. M. Emanuel and others. Izv. AN SSSR, Ser. biol. no. 3:362-375 My-Je '66.

Modified splenoportography method in cancer of the stomach. A. M. Granov, I. N. Khotomlanskaya. Vop. onk. 12 no. 5:15-18 '66.

Radical operations in cancer of the cardiac region of the stomach, invading the diaphragm. Z. N. Aitakov. Grud. khir. 8 no. 2:104-108 Mr-Apr '66.

Some problems of the surgical tactics in radical operations on cancer of the stomach. I. U. E. Berezov and others. Vest. AMN SSSR 21 no. 5:60-65 '66.

Study of free oxygen content in some organs of rabbits in the process of Brown-Pearce tumor growth in the stomach wall. K. G. Shchikov, I. M. Epstein. Dokl. AN SSSR 168 no. 1:240-243 My '66.

Use of the tetracycline fluorescence test in the diagnosis of cancer of the stomach. A. I. Guzev. Vest. khir. 96 no. 4:50-52 Ap '66.

STOMACH—DISEASES

Changes in the functions of the pancreas in some diseases of the stomach and liver following treatment with Uglich mineral water. E. P. Kulakov. Vop. kur. fizioter. i lech. fiz. kul't. 29 no. 5:419-424 S-O '64.

STOMACH—EXPLORATION

Clinical and X-ray examination of the stomach and duodenum in grave forms of scrofulosis. I. A. Ritsa. Vest. khir. 96 no. 4:52-56 Ap '66.

Methodology of obtaining gastric contents. V. S. Novikov, I. A. Shlykov, A. P. Oklahev. Lab. delo no. 4:225-226 '66.

STOMACH—INFLAMMATION

Excessive development of the gastric mucosa in gastric ulcer associated with gastritis. P. V. Vlasov. Sov. med. 28 no. 9:3-8 S '64.

STOMACH—INNERVATION

Interaction of analyzers following adequate stimulation of the vestibular apparatus in dogs. V. N. Barnatskii. Biol. eksp. biol. i med. 58 no. 12:31-35 D '64.

Role of the extramural nervous system in spreading of peristaltic waves in the stomach. P. G. Bogach, S. D. Grolsman. Dokl. AN SSSR 168 no. 3:708-711 My '66.

STOMACH—MOTILITY

Role of the extramural nervous system in spreading of peristaltic waves in the stomach. P. G. Bogach, S. D. Grolsman. Dokl. AN SSSR 168 no. 3:708-711 My '66.

STOMACH—SECRECTIONS

Analysis of the acid forming function of the stomach depending on the excretion of chlorine. T. M. Torosov. Fiziol. zhur. 52 no. 5:521-524 My '66.

Change in gastric secretion following the action of various stimuli on receptors of the oral cavity and small intestines. L. G. Mel'nikova. Dokl. AN SSSR 10 no. 5: 340-351 My '66.

Interceptive influences from the stomach on the salivary glands in children. M. B. Kossura. Fiziol. zhur. 52 no. 5:525-528 My '66.

Role of the central nervous mechanism in chronic disorders of the gastric secretory function ("achylia") in monkeys. V. G. Startsev. Fiziol. zhur. 51 no. 2: 243-250 F '65.

STOMACH—SURGERY

Bile secretion following complete removal of the stomach in esophagoduodenal anastomosis with the preservation of the right vagus nerve. V. I. Tarabin. Khir. khir. no. 7:26-30 '65.

Changes in hemopoiesis following gastrectomy in dogs. M. G. Kakhelidze and others. Pat. fiziol. i eksp. terap. 10 no. 2:32-39 Mr-Apr '66.

Hepato-gastrostomy. M. S. Polarkova. Khir. khir. no. 7: 16-19 '65.

Relation of the postoperative course to the corticosteroid secretion in patients with peptic ulcer. I. U. M. Polons. Khir. khir. no. 7:35-39 '65.

Some problems of the surgical tactics in radical operations on cancer of the stomach. I. U. E. Berezov and others. Vest. AMN SSSR 21 no. 5:60-65 '66.

STOMACH—ULCERS

Effect of some flavonoid compounds on the formation of experimental stomach ulcers in rats. G. V. Obolentseva, I. A. Khadzhal. Biol. eksp. biol. i med. 58 no. 9:86-88 S '64.

Excessive development of the gastric mucosa in gastric ulcer associated with gastritis. P. V. Vlasov. Sov. med. 28 no. 9:3-8 S '64.

STOMATOLOGY

Rybakov, A. I. [Errors and complications in therapeutic stomatology] Oshibki i oslozhneniya v terapevticheskoi stomatologii. Moskva, Meditsina, 1966. 150 p. (Biblioteka prakticheskogo vracha) (DNL)

STONE

Architects and builders on the use of natural stone. Stroil. mat. 12 no. 4:28 Ap '66.

STONE, CAST

Cement stone strengthened by glass-reinforced fiber. P. P. Budnikov and others. Stroil. mat. 12 no. 4:17-19 Ap '66.

Change in the chemical composition of hardened cement caused by the action of mineralization formation waters. V. S. Danilushkevich, I. U. M. Butt, A. I. A. Lipovetskii. Trudy MKHTI no. 45:75-80 '64.

Formation of the structure and strength of hardened cement subjected to the rapid heat and moist treatment. M. K. Imashev, I. U. M. Butt, V. M. Kolbasov. Trudy MKHTI no. 45:34-37 '64.

Lining tiles made by stone casting. V. I. A. Zverev. Stroil. mat. 11 no. 3:11 Mr '65.

Solidification of stone castings in sand molds. B. Kh. Khan, I. I. Bykov. Lit. proizv. no. 2:31-33 F '64.

STONE, CRUSHED

Adjustment of the dust removing equipment of the Vlasov Stone Crushing Plant. E. O. Kupervaser. Energ. stroil. no. 3:166-169 '65.

STONE AGE see subdivision under Transbaikalia; Yenisey Valley

STONE IMPLEMENTS see subdivision under Kirghizistan; Maritime Territory; White Russia

STONY TUNGUSKA VALLEY see Podkamennaya Tunguska Valley

STOPING (MINING)

Influence of the width of a stope on selecting the parameters of boring and blasting operations in working narrow veins. E. B. Rikhter. Vzyv. delo no. 59/16:219-226 '66.

STOPPING POWER (NUCLEAR PHYSICS)

Penetration of light atoms through films of heavy elements. L. D. Tsendin. Fiz. tver. tela 8 no. 4:1202-1207 Ap '66.

STORAGE BATTERIES

Silver-zinc storage batteries. V. Kichka. Tekh. i voosruch. no. 7:54-57 J1 '65.

STORES, RETAIL see subdivision under Moscow

STORES, RETAIL—DESIGN AND CONSTRUCTION see subdivision under Vilnius

STOWAGE

Develop the shipping of palletized cargo. U. Reznichenko. Rech. tranp. 23 no. 2:8 F '64.

STOWAGE—EQUIPMENT AND SUPPLIES

Manufacture of dunnage gratings for holds and cargo storage from plastics. M. Sialukin, I. A. Golub. Mor. flot 24 no. 1:31-32 Ja '64.

STRAIN GAUGES

Making strain gauges for measuring stresses at changing temperatures. A. T. Plaskovitskii, V. I. Kirintuk. Prom. Bol. 9 no. 1:35-37 Ja '66.

STRAINS AND STRESSES

Conditions of the stability of rock outcropping in vertical workings. G. A. Matsev, T. B. Malachukhanov. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:34-37 '66.

Determination of the residual stresses in electrolytic coatings based on the flexure of a flat cathode. L. I. Dekhtyar', G. I. Zaidman, I. U. N. Petrov. Zav. lab. 32 no. 1:91-97 '66.

Determining the inflection point of an isostatic in investigating stresses by the photoelastic method. V. S. Baidurov. Izv. vys. ucheb. zav.; mashinostr. no. 11: 26-29 '64.

Effect of rolling on the stressed state of circular saws. I. U. M. Stakhiev. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:112-114 '66.

Effect of the charge in overdrills. N. U. Turuta, D. F. Panchenko, N. M. Danilov. Vzyv. delo no. 59/16:138-140 '66.

Interdependence of the stresses in the elasticity range during extension and the indentation of a ball. V. I. Pashina, M. P. Markovets. Trudy MEI no. 61 pt. 2:103-109 '65.

Possibility of using slip lines to determine stress fields during drawing. V. G. Kovalev. Kuz.-shmet. proizv. 8 no. 5:17-19 My '66.

Sensitivity to stress concentrations and cracks in ATSM, ATSMU and AMG6 alloys and their weldments. S. I. Kishkina and others. Alum. splavy no. 4:112-119 '66.

Stress in a nonhomogeneous field of compressing stresses. P. E. Berkovich. Prikl. mekh. 2 no. 5:120-134 '66.

Solution of a contact problem. A. G. Ugodchikov, V. K. Perekhvatov, A. I. Krylov. Prikl. mekh. 2 no. 5:71-83 '66.

Stressed state of the metal during rolling in smooth-barrel rolls. Report No. 1. P. I. Polukhin, V. K. Vorontsov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:102-106 '66.

Studying axial stresses during the cold rolling of pipe. I. U. F. Shevakin and others. Trudy MEI no. 61 pt. 2:239-248 '65.

Studying stresses in ore blocks and interchamber pillars in the Kafan deposits. S. G. Borisenko, G. V. Vardersan. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:22-24 '66.

Tarnovskii, I. A., A. N. Levakov, and M. I. Poksevatkin. [Contact stresses in plastic deformation] Kontaknyye napryazheniya pri plasticheskoi deformatsii. [Moskva] Metallurgiya, 1966. 279 p.

STRALENBERG, PHILIP JOHAN TABBERT VON, 1876-1947

Novlinskaya, M. G. [Philip Johan Stralenberg; his works on the exploration of Siberia] Filipp Iogann Stralenberg; ego raboty po issledovaniyu Sibiri. Moskva, Nauka, 1966. 93 p. (Nauchno-biograficheskaya seriya)

STRANGE PARTICLES

Theory of universal weak interaction and intermediate bosons. V.I. Kuznetsov, *Izv. vys. ucheb. zav. : fiz.* 9 no. 2:128-132 '66.

STRATFORD-ON-AVON, ENGLAND--THEATERS

April 23, before and after (to be continued). N. Krymova. *Teatr* 25 no. 9:124-131 S '64.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATIGRAPHIC PALEONTOLOGY see Paleontology, Stratigraphic

STRAWBERRIES see subdivision under Bulgaria; Leningrad Province

STRENGTH OF MATERIALS

Method for estimating the plasticity and strength of low-plasticity materials. S.V. Borisov, V.V. Iakovlev, *Zav. lab.* 32 no. 1:89-91 '66.

Section resistance of plastic materials not performing for tension under eccentric compression. S.M. Ljubimov, *Izv. vys. ucheb. zav. : stroi. i arkh.* 9 no. 2:45-50 '66.

Statistical theory of the strength of glass. V.A. Riabov, D.V. Fedoseev, *Dokl. AN SSSR* 168 no. 3:547-548 My '66.

Stress-rupture strength in the case of stress relaxation. E.A. Kheini, *Zav. lab.* 32 no. 1:86-89 '66.

Tatir, G.K. [Course in the strength of materials] Kurs soprotivleniya materialov. Minsk, Vysshaya shkola. Pt. 3. 1966. 190 p.

Temperature effect on the strength of pickled quartz glass when in its high-strength state. F.E. Vitman, M.V. Masterova, V.P. Pukh, *Fiz. tver. tela* 8 no. 5:1504-1510 My '66.

STREPTOCOCCAL INFECTIONS

Effect of cortisone on some immunological indices in experimental streptococcal infection in rabbits. N.G. Busygina, *Fat. fiziol. i eksp. terap.* 10 no. 2:83-84 Mr-Apr '66.

Pathological anatomical and histological changes in experimental and natural streptococcal sepsis of the septicemia type in horses. L.M. Pichugin, *Trudy Mosk. vet. akad.* 10:189-217 '66.

STREPTOCOCCUS

Changes in the content of lysozyme in the blood of animals under the influence of injections of streptococcus and homologous tissue antigen. E.S. Fidel'man, L.L. Aver'yanova, *Biul. eksp. biol. i med.* 58 no. 12:39-41 D '64.

STREPTOCOCCUS--CULTURES AND CULTURE MEDIA

Effect of proteinase of streptococcus culture filtrates on the metabolic substance of connective tissue. L.V. Belitskaya, V.A. Burshtein, *Arkh. pat.* 28 no. 4:70-73 '65.

Neutralization by the gamma-globulin of donor serum of the hyaluronidase produced by Streptococcus cultures of various origins. Chzhan Ven'-lui [Chang Wen-yui], *Zhur. mikrobiol., epid. i immun.* 41 no. 7:123-129 Ji '61.

STREPTODORNASE

Production and some properties of streptococcal deoxyribonuclease (streptodornase). I.M. Pavlova, *Mikrobiol. zhur.* 28 no. 2:14-18 '65.

STREPTOMYCIN

Effect of refrigeration on the induction of streptomycin resistance by chemical mutagens. I.A. Arpai, I.U. Tomisheva, *Mikrobiol. zhur.* 23 no. 2:34-41 '66.

Effect of streptomycin on immunogenesis in typhoid fever. G.B. Gukasian, *Zhur. mikrobiol., epid. i immun.* 43 no. 4:56-64 Ap '66.

STREPTOTHRICIN

Antibiotic of streptothricin group 1166. A.B. Chernomordyk and others, *Mikrobiol. zhur.* 28 no. 2:77-83 '66.

STRESS (PHYSIOLOGY)

Capacity to endure physical strain in mitral stenosis. I.A. S. Vainbaum, *Kardiologiya* no. 5:79-80 '64.

Changes in blood circulation in the upper extremity during static stress. R.L. Titilevskaya, *Fiziol. zhur.* 50 no. 9:1129-1135 S '64.

Changes in the free amino acid content of the blood under nervous and emotional stress. Z.N. Lebedeva, Z.I.U. Nurikhetova, *Vop. pit.* 23 no. 4:23-26 Ji-Ag '64.

Some data on the changes in the blood of rats in various stages of general adaptation syndrome. I.A. Rudakov, *Biul. eksp. biol. i med.* 58 no. 12:35-38 D '64.

STRESS WAVES

Character of pulse attenuation on the walls of a blasting cavity. D.V. Riabchenko, *Vzryv. delo* no. 59:16:32-48 '66.

STRIP MINING

(see also subdivision under Kursk Magnetic Anomaly; Kuznetsk Basin; Noril'sk region, Krasnoyarsk Territory) Blending of ores in the Ufaley strip mines. G.K. Zagorinko, *Gor. zhur.* no. 5:21-24 My '68.

Efficiency of using a diagonal borehole layout in multiple-row short-delay blasting. I.V. Klevitsov, *Vzryv. delo* no. 59:16:134-138 '66.

Hydromechanizers are making water work in the strip mines of the Kuznetsk Basin. I.U. Selivanov, *Sov. shakht.* 15 no. 5:12-13 My '66.

Making graphs and the calculation of circular excavation slopes having a plane profile. V.I. Pushkarev, *Izv. vys. ucheb. zav. : gor. zhur.* 9 no. 4:29-33 '66.

A method of determining optimum parameters for blasting operations in strip mining. B.N. Kutuzov, I.P. Romashkin, *Vzryv. delo* no. 59:16:48-58 '66.

Methods of clearing off expenses for development workings in iron ore strip mines. V.IU. Gessen, *Izv. vys. ucheb. zav. : gor. zhur.* 9 no. 4:38-42 '66.

Novozhilov, M.G. [Open-cut mining operations; technology and the overall mechanization of the open-cut mining of coal, ores, and nonmetallic minerals] Otkrytye gornye raboty: tekhnologiya i kompleksnaya mekhanizatsiya otkrytykh dobychikh uglya, rud i nerudnykh iskopayemykh. Izd. 2., perer. Moskva, Nedra, 1965. 552 p.

Novozhilov, M.G., and others. [Tight-face blasting in open pit mines] Vzryvaniye v zashchitnoy srede na kar'erakh. Kiev, Naukova dumka, 1966. 160 p.

Vovk, A.A., and G.I. Chernyl. [Combined method of mining mineral deposits] Razrabotka mestorozhdeniy poleznykh iskopayemykh kombinirovannym sposobom. Kiev, Naukova dumka, 1965. 189 p.

STRIP MINING--COSTS

Reducing the cost of ores in strip mining in the Krivoy Rog Basin. V.A. Panov and others, *Gor. zhur.* no. 5: 6-10 My '66.

STRIP MINING--EQUIPMENT AND SUPPLIES see subdivision under Noril'sk region (Krasnoyarsk Territory)

STROMATOPOROIDEA see subdivision under Pechora Valley

STRONTIUM see subdivision under Siberian Platform

STRONTIUM ISOTOPES

Indication of the content of Sr⁹⁰ in the human body by its accumulation in the teeth. E. I. Iartsev, *Med. rad.* 9 no. 4:36-41 Ap '64.

STRONTIUM ISOTOPES IN THE BODY

Dynamics of strontium-90 in the organism of hens during prolonged intake with feed. I.A. Panchenko and others, *Veterinaria* 42 no. 4:63-64 Ap '66.

STROPHANTHIN--PHYSIOLOGICAL EFFECT

Comparative effect of erythroside and strophanthin on the intensity of the coronary blood flow. Zh. A. Ljubetskaya, P.I. Bezruk, M.A. Angarskaya, *Farm. i toks.* 29 no. 2:180-183 Mr-Apr '66.

Mechanism of the diuretic effect of strophanthin. P.I. Berenskiy, I.V. Kontsarov, *Farm. i toks.* 29 no. 2: 196-200 Mr-Apr '66.

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL DESIGN--ELECTROMECHANICAL ANALOGIES

Approximate calculation of ribbed structures with EMSS-7 electronic modeling devices. A. Dykhovichnyi, *Prom. stroi. i inzh. soor.* 5 no. 6:43-45 N-D '63.

STRUCTURAL FRAMES

Analysis of the instability of single-stage flat frames. G.A. Manuilov, *Trudy MIT* no. 225:63-69 '66.

Characteristics of the calculation of symmetrical three-dimensional rod structures. I.E. Lavshits, Rasch. prostr. konstr. no. 10:273-298 '65.

Matrix algorithm for computing single responses of the method of deformations for calculating three-dimensional rod systems. I.E. Stepanov, *Trudy MIT* no. 225:115-131 '66.

Production and assembly of reinforced concrete arched frames. B. Parfenovskiy, *Prom. stroi. i inzh. soor.* 6 no. 4:63-64 Ji-Ag '64.

Reinforcement of a reinforced concrete frame at the Fifth Hydroelectric Power Station in Leningrad. V.I. Eliseev, *Sbor. trud. LSI* no. 48:61-67 '65.

Stability of rod systems in linear creep. V.D. Potapov, *Trudy MIT* no. 225:176-183 '66.

Taking into account the varying rigidity of collar beams in the calculation of statically indeterminate frames by the displacement method. A.I. Skriabin, *Trudy MIT* no. 194:133-137 '66.

STRUCTURAL FRAMES--VIBRATION

Calculating structural elements for dynamic loads from screens. I. Dobrykh, Z. Zbarskiy, *Prom. stroi. i inzh. soor.* 6 no. 4:42-45 Ji-Ag '64.

Natural vibrations of continuous parabolic arches and frames with separate curvilinear elements. K.E. Kisev, *Trudy MIT* no. 194:68-82 '66.

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL STEEL see Steel, Structural

STRUCTURES, THEORY OF

Dykhovichnyi, A.I. [Structural mechanics; an abridged course] Stroitel'naya mekhanika; skrashechnyy kurs. Izd. 4., perer. [Moskva, Vysshaya shkola, 1966] 327 p.

STRYCHNINE

Effect of strychnine on the contralateral inhibition of spinal reflexes. S.A. Evdokimov, V.I. Saf'iants, I.U. M. Syta, *Dokl. AN SSSR* 168 no. 1:234-236 My '66.

STUDENT ACTIVITIES

(see also subdivision under Yaroslavl) Facts, fantasies and pedagogics. T. Tamarin, *Nar. obr.* no. 5:89-93 My '66.

For unremitting pedagogical influence. V. Smirnov and others, *Nar. obr.* no. 5 supplement:16 My '66.

General cultural work in schools. G.V. Bobkova, *Sred. spets. obr.* 13 no. 4:33-34 Ap '66.

Good initiative and useful deeds. *Nar. obr.* no. 5:25, 27, 30 My '66.

Here they search, create and work. D. Tel'nykh, *Nar. obr.* no. 5:77-82 My '66.

In the schools with longer hours. A. Ershova and others, *Nar. obr.* no. 5:12-22 My '66.

Photographic club in a technical school. V. Solov'yev, *Sred. spets. obr.* 13 no. 4:48-49 Ap '66.

Problems and prospects of after-school groups. V. V. Rizinova, *Nach. shkola* 34 no. 5:11-15 My '66.

School as a center of educational work. A. Artyeva, *Nar. obr.* no. 5:82-85 My '66.

STUDENT UNIONS

Rights of the student trade-union committee. *Sov. prof. sozuz* 22 no. 9:47-48 My '66.

STURGEONS

Significance of food in the mixed nutrition of surgeon. R. V. Afonich, *Ryb. khoz.* 42 no. 4:20-21 '66.

STYRENE

Effect of pressure on the radical polymerization of styrene in solution. Report No. 1: Polymerization in benzene, butyraldehyde, and their mixtures. V.M. Zhulin, M.G. Konigsberg, V.N. Zagorinina, *Izv. AN SSSR, Ser. khim.* no. 5:827-832 '66.

Mathematical description of reaction processes in styrene production considered as optimization objects. T.G. Rzaev, *Za tekh. prog.* 4 no. 12:8-12 D '64.

Synthesis of p-aminostryrene, azomethines, and azo dyes containing vinyl groups. V.G. Shilavskiy, A.I. Turbina, M.A. Romankevich, *Ukr. khim. zhur.* 32 no. 5:489-493 '66.

Synthesis of p-substituted α, β, β -trifluorostyrenes. G.V. Timofeev and others, *Dokl. AN SSSR* 168 no. 3: 613-614 My '66.

STYRENE POLYMERS

Diffusion of oligomers of polystyrene and polyoxypolyene glycol. S.I. Klenin and others, *Vysokom. soor.* 8 no. 5:882-887 My '66.

Studying the structural and mechanical properties of bonded novolac fabrics. V.B. Tikhomirov, V.E. Gusev, A.I. Kurilenko, *Izv. vys. ucheb. zav. : tekhn. tekhn. prom.* no. 2:105-107 '66.

SUB-SAHARAN AFRICA see Africa, Sub-Saharan

SUBCLAVIAN ARTERY

Additional cervical vein simulating aneurysm of the subclavian artery. R.M. Nurmagomedov, *Vest. rent.* 1 rab. no. 2:75 '64.

SUBLIMATION (PHYSICAL SCIENCES)

Thermodynamics and kinetics of the sublimation of zinc sulfide in the presence of a carbon reducing agent. I.M. Tsygoda, V.D. Ponomarev, I.S. Shkuridin, *Izv. vys. ucheb. zav. : svet. met.* 9 no. 2:39-42 '66.

SUBMARINE BOATS

The "D-1," firstling of Soviet submarine shipbuilding. M.A. Ruditskiy, *Mor. sbor.* 49 no. 5:17-21 My '66.

The party shows concern for the well-organized training of seamen. N. Belous, Komm. Vooruzh. Sil 47 no. 10:27-33 My '66.

SUBMARINE GEOMORPHOLOGY

(see also subdivision under Grand Banks)

Methodology of determining the inclination angles of the sea bottom. I.M. Belousov, N.M. Kozlov, A.D. Iampolskiy, *Okeanologiya* 6 no. 2:367-371 '66.

SUBMARINE GEOMORPHOLOGY--MAPS see subdivision under Pacific Ocean

SUBMARINE MINES see Mines, Submarine

SUBSTITUTION (CHEMISTRY)

Electronic effect of ferrocenyl as a substitute. E.G. Perevalova and others, *Izv. AN SSSR, Ser. khim.* no. 5: 832-839 '66.

SUBSTITUTION (CHEMISTRY) (Continued)

Relationship between the spectral parameters of some p-substituted benzenes and π -constants. N.G. Bakshiev, G.V. Saldov. Dokl. AN SSSR 168 no. 1:120-121 My '66.

Substitution reactions of acid-sulfite-bis-dimethylglyoximatecobaltates. G.P. Syrtsova, A.V. Ablov, L.N. Korotkova. Zhur. neorg. khim. 11 no. 5:1124-1129 My '66.

SUCCINIC DEHYDROGENASE

Cytochemical study of succinic dehydrogenase and alpha-bisacrylophosphate dehydrogenase distribution in the Deltoid nucleus of a rabbit. N.N. Kul'tas. Tsitologiya 6 no. 4:432-457 Ji-Ag '66.

Histochemical characteristics of succinic dehydrogenase in organs of white rats with respect to their age. N.A. Levkova, F.I. Grishko. Arkh. pat. 28 no. 4:65-70 '66.

SUCCINIC OXIDASE

Enzyme activity in the succinic oxidase system in the mitochondria of neurons in the auditory and visual cortex and cerebellum under conditions of relative rest and adequate stimulation. I.A. Vinnikov, I.L. Zhukin, S.A. Shchegolev. Fiziol. zhur. 50 no. 11:1329-1334 N '64.

SUCROSE

Kinetics of the decomposition of saccharose. S.E. Kharin, R.A. Kolcheva. Sakh. prom. 40 no. 5:17-22 My '66.

SUGAR—TRANSPORTATION

Strengthening of the contract system is the way to strengthen business accounting. P.S. Kholodov. Sakh. prom. 40 no. 5:54-55 My '66.

SUGAR BEET BREEDING

Characteristics of the fertilization of diploid and tetraploid sugar beets. V.O. Panin, I.A. Shevtsov. Dokl. AN URSSR no. 4:535-538 '66.

SUGAR BEET MACHINERY

(see also subdivision under Ukraine)

Harrow opener for sugar beet planters. N. Kolesnikov. Tekh. v sel'khoz. 26 no. 3:44-46 '66.

SUGAR BEET MACHINERY—ELECTRIC DRIVING

Performance of a beet slicer drive with an induction sliding clutch. S. Zhurba, A. Savonkov, A. Anufhin. Sakh. prom. 40 no. 5:34-36 My '66.

SUGAR BEETS

Effect of monoculture of corn and sugar beets on the development of micro-organisms of the soil and of these plants. M.B. Petrov, V.V. Blushchenko. Mikrobiol. zhur. 38 no. 3:44-46 '66.

Increase labor productivity in sugar beet production. I.P. Buzanov. Vest. sel'khoz. nauk. 11 no. 4:11-12 Ap '66.

Use of maleic hydrazide acid in sugar beet seed production. V.S. Dolia. Khim. v sel'khoz. 4 no. 5:43-47 My '66.

SUGAR BEETS—DISEASES AND PESTS

(see also subdivision under Rostov Province)

Diseases of the sugar beet weevil. I.U. Bichuk. Zashch. rast. 11 no. 4:46-47 '66.

SUGAR BEETS—FERTILIZERS AND MANURES

(see also subdivision under Alma-Ata Province; Kurgan Province; Ukraine)

Amount and ratio of fertilizers in grain sugar beet crop rotations. A.M. Viko. Vil'no. dlt. prim. udob. na plod. poch. i prod. nevozh. no. 2:202-225 '64.

Effectiveness of the use of fertilizers in sugar beet crop rotation in the non-Chernozem zone. A.D. Chernonkov, I.K. Zolotareva, V.T. Borovikov. Vil'no. dlt. prim. udob. na plod. poch. i prod. nevozh. no. 2:22-132 '64.

SUGAR BEETS AS FEED

Studying the digestibility and nutritive value of sugar beets for swine. A.P. Shpakov and others. Uch. zap. VKhB. vet. inst. 10:84-88 '64.

SUGAR FACTORIES—EQUIPMENT AND SUPPLIES

Modernized mechanical "Rimarine" mazut sprayer. N.M. Shapoval. Sakh. prom. 40 no. 5:42 My '66.

SUGAR FACTORIES—MANAGEMENT

Development of norms for the number of engineers, technicians, and employees in sugar factories. V.A. Serdyuk, E.A. Sholost. Sakh. prom. 40 no. 5:50-54 My '66.

SUGAR INDUSTRY

(see also subdivision under Vinnitsa Province)

Let's put into practice the resolutions of the 23d Congress of the Communist Party of the Soviet Union. Sakh. prom. 40 no. 5:1-5 My '66.

Some problems of the development of the sugar industry of the U.S.S.R. V.V. Iapaskirt. Sakh. prom. 40 no. 5: 8-9 My '66.

SUGAR INDUSTRY—ACCOUNTING

Strengthening of the contract system is the way to strengthen business accounting. P.S. Kholodov. Sakh. prom. 40 no. 5:54-55 My '66.

SUGAR INDUSTRY—MANAGEMENT

Pay more attention to the problems of production organization and planning. P. Tkachev. Sakh. prom. 40 no. 5: 67 My '66.

SUGAR INDUSTRY—TECHNOLOGICAL INNOVATIONS

see subdivision under Belgorod Province; Donetsk Basin

SUGAR MACHINERY

Efficient design of thickeners for first carbonation juices. I.M. Gurovich. Sakh. prom. 40 no. 5:31-33 My '66.

SUGAR MACHINERY—TECHNOLOGICAL INNOVATIONS

Work of the efficiency promoters in the Ramon Sugar Factory. V.M. Tretyakov. Sakh. prom. 40 no. 5:43-46 My '66.

SUGAR MANUFACTURE

Kinetics of the decomposition of saccharose. S.E. Kharin, R.A. Kolcheva. Sakh. prom. 40 no. 5:17-22 My '66.

Using the method of temperature drops determination for the control of massecuite boiling. G.A. Sokolov. Sakh. prom. 40 no. 5:37-41 My '66.

SUGAR MANUFACTURE—ELECTRIC EQUIPMENT

Concerning the pH meters. L.D. Taranova. Sakh. prom. 40 no. 5:67 My '66.

SUKHUM—WALL NEWSPAPERS

Voice they are listening to. V. Starikov. Sois. obesp. 41 no. 5:43 My '66.

SULAK RIVER ESTUARY—COAST CHANGES

Recent changes in the shoreline of the Sulak estuary. O.K. Leonov and others. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk no. 6:97-103 '66.

SULFAMIDE

Addition reactions of trivalent phosphorus with acid N-chloramides. Part I: Interaction of phosphites and triphenylphosphines with N-chloro-N-alkyl sulfamides. V.A. Shkol, L.I. Molitavko, G.I. Derkach. Zhur. ob. khim. 36 no. 5:930-937 My '66.

N-(α -hydroxy-1-trichloroethyl)-N'-substituted sulfamides. V.M. Cherkasov, T.A. Dashvskaya. Ukr. khim. zhur. 32 no. 5:406-408 '66.

SULFANILAMIDE

Effect of antibiotics and their conjugations with sulfanilamides on the urothelial microflora in nongonorrheal urethritis in males. K.K. Soha. Urol. i nefr. no. 3: 45-48 '65.

S-carbamylthioglycol derivatives of sulfanilamide preparations. V.I. Iakubych. Farmatsev. zhur. 21 no. 2:14-16 '66.

SULFATES

Photocolorimetric method of determining sulfates. L.K. Ponomareva, A.A. Solodova. Zav. lab. 32 no. 1:16-17 '66.

Studying the photocolorimetric method of sulfate determination by chromate excess in the filtrate. G.N. Babkin, I.A. F. Vebler, N.E. Averbukh. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:154-156 '66.

System $\text{Na}_2\text{SO}_4 - \text{CaSO}_4 - \text{H}_2\text{O}$ at 25°C. V.G. Shevchuk. Zhur. neorg. khim. 11 no. 5:1113-1115 My '66.

SULFATES—ANALYSIS

Determining the sulfate-ion content in the solutions of surface-active substances. B.M. Vrevskii, I.U. V. Uf'lanov. Masl. -zhir. prom. 32 no. 4:20-21 Ap '66.

SULFIDES

Coprecipitation in the systems Hg^{2+} , Cd^{2+} , H^+ || S^{2-} . N.A. Rudnev, R.M. Dzhamayev. Zhur. neorg. khim. 11 no. 5:1084-1090 My '66.

Electrochemical processes in the formation of the oxidation zones of sulfide deposits. I.U. S. Ryas. D. V. Voronts. Zap. Vses. min. ob-va 95 no. 2:181-192 '66.

Physicochemical conditions governing the crystallization of massal ores in the sulfide copper-nickel deposits. G.B. Popova, V.V. Ershov. Geol. rud. mestorozh. 8 no. 1:13-15 Ja-F '66.

Vapor pressure and dissociation of zinc and cadmium sulfides. R.A. Isakova, V.N. Nesterov. Zhur. neorg. khim. 11 no. 5:904-970 My '66.

SULFIDES—METALLURGY

Chemical aspects of the dissolution of synthetic chalcocites and heazlewoodites. L.V. Chugayev, I.V. Mikheeva. Obog. rud. 11 no. 1:40-51 '66.

Effect of metal sulfides on the degree of dissolution of copper sulfides in hydrogen peroxide. M.I. Timertulova, B.S. Khristoforov. Metod. izuch. veshch. sost. i kh. prim. no. 1:118-121 '65.

Testing a method of granulating sulfide charge mixtures with limestone and sulfuric acid. A.I. Okunev, V.E. Lotosh. TSvet. met. 39 no. 5:53-57 My '66.

SULFIDES—THERAPEUTIC USE

Vegetable reactions to the stimulation of the labyrinth in hypertension patients treated with inhalation of vapors of sulfide water. A.A. Kravchenko. Vop. kur., fizioter. i tech. fiz. kul't. 29 no. 5:388-400 S-O '64.

SULFOMETHYLATION

Use of paper chromatography in studying the reaction of pigment sulfoxymethylation. S.S. Kuznetsova, V.F. Borodkin. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:109-112 '66.

SULFONATION

Oxidative sulfonation. N.N. Karandasheva. Org. poluprod. i kras. no. 3:9-51 '65.

SULFONIC ACIDS

Conversions of furoxansulfonic acids (Bogdanov's rearrangement). M.V. Gorelik. Org. poluprod. i kras. no. 3:90-119 '65.

SULFUR

Behavior of sulfur during the crystallization of steel. V.I. Saramutin, F.N. Baidin. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 5:171-174 '66.

Sulfur solubility in $\text{SiO}_2 - \text{Al}_2\text{O}_3 - \text{CaO} - \text{MgO}$ melts. A.M. Muratov, I.S. Kulikov. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 5:23-25 '66.

SULFUR—ANALYSIS

(see also subdivision under Rozdol region, Ukraine; Shor-Su region, Uzbekistan)

Titrimetric micromethod for determining sulfur in organophosphorus and organoarsenic compounds using the new indicator nitrochamo. N.N. Basargin, K.F. Novikova. Zhur. anal. khim. 21 no. 4:473-478 '66.

SULFUR AS FEED

Use of urea and sulfur in feeding sheep. T.M. Karahun, I.Z. Akhmetov. Khim. v sel'khoz. 4 no. 5:51-52 My '66.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR CHLORIDES

Mechanical and thermomechanical properties of fibers cross-linked by sulfur chloride. L.G. Smolnikova, A.A. Konkina. Khim. volok. no. 3:21-23 '66.

SULFUR DIOXIDE

Effect of sulfurous anhydride on the synthesis of methylchlorosilanes. N.P. Lobusevich and others. Zhur. prikl. khim. 38 no. 8:1884-1886 Ag '65.

Oxidation of concentrated sulfur dioxide in a fluidized bed of a wear-resistant vanadium catalyst. I.P. Mikhailov, I.U. V. Filatov, E.A. Protopenova. Zhur. prikl. khim. 38 no. 8:1649-1652 Ag '65.

Removal of sulfur dioxide from industrial gases. I.E. Kuznetsov, S.N. Ganz. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:89-93 '66.

Sulfurous anhydride pressure over magnesium bisulfite and magnesium sulfate solutions not saturated with sulfite. V.A. Pinaev, N.P. Pitelina. Zhur. prikl. khim. 38 no. 8:1652-1655 Ag '65.

SULFUR IN THE BODY

Incorporation of elementary sulfur (S^{35}) in the proteins of the wool of fine-wool sheep. I.A. Troitskii, A.N. Iudin. Trudy VNIIS 16:289-295 '60.

SULFUR ISOTOPES

(see also subdivision under Moldavia)

Inclusion of radioactive methionine into the proteins of various segments of the gastrointestinal tract. L.L. Braginskaya, V.A. Sukhanova. Biol. eksp. biol. i med. 58 no. 9:109-71 S '64.

SULFUR TRIOXIDE

Determination of the concentration of sulfur trioxide in fuel gases. V.P. Popov, S.M. Grushetskaya. Zav. lab. 32 no. 1:24 '66.

Reaction of liquid sulfur trioxide with phosphates. S.N. Kondratiev, S.I. Melnikova. Zhur. neorg. khim. 11 no. 4:790-796 Ap '66.

SULFURIC ACID

Absorption of nitrogen oxides by sulfuric acid. A.N. Tseitlin, K.E. Romanenko. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:85-88 '66.

Complex processing of slimes of the sulfuric acid shop. V. Grigorian. Prom. Arm. 9 no. 3:51-54 Mr '66.

Extraction of hydrofluoric and sulfuric acids present together by means of tri-n-butyl phosphate. S.S. Korovin and others. Zhur. neorg. khim. 11 no. 4:948-949 Ap '66.

Heat losses to the environmental media and technological stability of contact sulfuric acid apparatus. N.M. Petrov. Khim. prom. 42 no. 5:344-348 My '66.

Optimum work conditions of sprayer-type evaporating apparatus for alkyl sulfate separation in alcohol distillation. G.I. Moskvina and others. Masl. -zhir. prom. 32 no. 4:18-20 Ap '66.

System $\text{H}_2\text{SO}_4 - \text{HReO}_4 - \text{H}_2\text{O}$. V.A. Bardin, K.A. Bol'shakov. Zhur. neorg. khim. 11 no. 5:1081-1083 My '66.

SULFUROUS ACID

Addition of sulfurous acid salts to quinones and aromatic hydroxy compounds. Z.V. Todres-Selektor. Org. poluprod. i kras. no. 3:52-89 '65.

SULFUROUS MINERAL WATERS see Mineral waters, Sulfurous

SULFURYL CHLORIDE

Reactivity of sulfonyl chloride. G. A. Sokol'skii. Zhur.ob.khim. 36 no.5:860-862 My '66.

SULTAN UZDAG—GEOLOGY, STRATIGRAPHIC

Boundary horizons of the Upper Cretaceous and Paleogene of the Sultan Uzdag. L. P. Kakhonova, R. P. Soboleva, N. P. Kovaleva. Trudy VSEGEI 115:69-77 '65.

SUMGAI (AZERBAIJAN)—CHILDREN—DISEASES

State of the ears, throat and nose in the schoolchildren of Sumgait. Z. E. Cherniakov, O. M. Guseinov. Azerb. med. zhur. 42 no.5:47-53 My '65.

SUMY—ART GALLERIES AND MUSEUMS

Sumy. Sumy'skiy derzhavnyi khudozhnii muzel. [The Sumy State Art Museum] Sumy'skiy derzhavnyi khudozhnii muzel. Sumskoi gosudarstvennyi khudozhestvennyi muzel. Kyiv, Mystetstvo, 1966. 1 v. (chiefly illus.)

SUN—OBSERVATIONS

Experience gained in taking solar photographs at the People's Astronomical Observatory at Bucharest. Matei Alexescu. Diul. VAGO no.37:9-16 '65.

SUNA RIVER (KARELIA)—WATERFALLS

Kim, A. A. [Kivach waterfall] Vodopad Kivach. [Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964] 1 v. (chiefly illus.)

SUNDEW

Sundew. V. A. Rodina. Nach.shkola 34 no.5:75-76 '66.

SUNFLOWER SEED OIL

Characteristics of oil formation processes in high-oil varieties of sunflowers. N. F. Dublinskaya. Vest. sel'khoz.nauki 11 no.4:23-34 Ap '65.

SUPERCONDUCTIVITY

Boundary conditions and surface superconductivity. H. O. Zaitsev. Radio no.4:1055-1063 Ap '65.

Fluctuations and jumps of the current in superconducting solenoids. A. F. Prekul, N. V. Volkenshtein. Fiz.met. i metalloved. 21 no.4:539-549 Ap '65.

Local equations of electrodynamics for superconductors of the London type. V. P. Galaiiko. Fiz.met. i metalloved. 21 no.4:506-509 Ap '65.

Magnetic moment of a superconducting ellipsoid in a mixed state. I. O. Kulik. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no.10:398-401 My '65.

Superconductivity and its use in technology. V. V. Slavskii, P. P. Pavlov. Mor.shor. 40 no.5:69-73 My '66.

Superconductivity in thin nondegenerate semiconductor films. V. G. Kogan, B. A. Tavger. Fiz.tver.tela 8 no.4:1008-1012 Ap '66.

SUPERCONDUCTORS—ACOUSTIC PROPERTIES

Sound dispersion in superconductors. M. I. Balkarei. Fiz.tver.tela 8 no.3:797-801 Mr '66.

SUPERCONDUCTORS—MAGNETIC PROPERTIES

Measurement of a magnetic field on the surface of the superconductor Nb-Zr with the aid of the electron paramagnetic resonance line. N. I. Krivko. Zhur. tekhn.fiz. 35 no.10:1906-1907 O '65.

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPERSONIC TESTING see Ultrasonic testing

SUPPLY AND DEMAND

First steps. V. Kachanov, A. Shul'man. Ekon. i zhizn' 8 no.4:44-45 Ap '66.

Questionnaires are an effective method for the study of demand. T. Bychkova, A. Orlov, Z. Nikolaeva. Sov.torg. 39 no.5:38-40 My '66.

Statistical methods for the study of demand. B. Lavruslin. Sov.torg. 39 no.5:31-33 My '66.

SUPPLY AND DEMAND—MATHEMATICAL MODELS see subdivision under Kazakhstan

SURFACE ACTIVE AGENTS

Adsorption and proportioning of oil-soluble surface active substances in the development of the zone around a well bore. R. A. Musayev, I. I. Kravchenko, G. A. Babaljan. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.4:80-85 '65.

Determining the sulfate-ion content in the solutions of surface-active substances. B. M. Vrevskii, I. V. Ufianov. Masl.-zhir.prom. 32 no.4:20-21 Ap '65.

High-concentration emulsions of organosoluble liquids stabilized by "bp-10" preparations. V. N. Tabunchenko, L. A. Kreinnev. Plast.massy no.5:48-49 '66.

Polarographic determination of the degree of absorption of surface-active agents on zinc and copper. S. I. Popov, E. M. Golubchik. Izv. vyz. ucheb. zav. i khim. i khim. tekhn. 9 no.1:91-97 '66.

Rupture of the oil film on solid surfaces. A. B. Tamasian. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.6:55-57 '64.

SURFACE CHEMISTRY

Characteristics of the adsorptive softening of polycrystalline zinc in the presence of gallium. V. I. Traskin and others. Fiz.-khim.mekh.mat. 1 no.8:643-647 '65.

Nonequilibrium phenomena on a solid surface. V. V. Machuga, N. D. Sokolov. Dokl. AN SSSR 168 no.3:625-628 Mr '66.

Role of oxygen in the adsorptive reduction of the fatigue life of steel specimens in contact with melts. M. I. Chayevskii, V. F. Shatinskii, V. V. Popovich. Fiz.-khim.mekh.mat. 1 no.6:654-658 '65.

Thermodynamic activity as criterion for the softening effect of corrosive melts. M. I. Chayevskii, Fiz.-khim.mekh.mat. 1 no.6:637-642 '65.

SURFACE ENERGY

Statistical evaluation of excess free energy of small objects in the thermodynamics of microheterogeneous systems. L. M. Shcherbakov. Dokl. AN SSSR 168 no.2:388-391 My '66.

SURFACE HARDENING

Cyclic strength of 90KhMF steel ground by diamond disks. P. A. Shul'man, G. I. Vn'tchuk. Fiz.-khim.mekh.mat. 1 no.6:720-725 '65.

Hardening a cutting instrument with molybdenum sulfide. A. N. Gorskova, I. E. Sherman, V. A. Sannikov. Der. prom. 14 no.3:23-24 Mr '65.

High-temperature thermomechanical surface hardening (on the example of 9Kh steel). M. L. Bernstein and others. Fiz.-khim.mekh.mat. 1 no.6:701-706 '65.

SURFACE TENSION

Connection between the work function and the surface tension of metals. V. V. Demchenko. Fiz.met. i metalloved. 21 no.4:634-636 Ap '66.

Measurement of the static surface tension of solutions with a long period of adsorption layer formation by the sessile bubble method within a wide temperature range. R. A. Kul'man. Dokl. AN SSSR 168 no.1:149-151 My '66.

Surface tension of salts and molten metaphosphates. I. D. Sokolova. Zhur.neorg.khim. 11 no.4:933-935 Ap '65.

Surface tension of the melts LiPO_3 - NaPO_3 , $\text{Ca}(\text{PO}_3)_2$ - NaPO_3 , $\text{Ba}(\text{PO}_3)_2$ - KPO_3 . I. D. Sokolova, E. L. Krivtsov, N. K. Voskresenskaya. Zhur.neorg.khim. 11 no.4:888-891 Ap '66.

SURFACE WAVES

The Vavilov - Cherenkov effect on surface waves. K. A. Barsukov, L. G. Naryshkina. Zhur.tekhn.fiz. 36 no.5:800-805 My '66.

SURFACES

Surfaces of the fourth order. N. T. Khrolenko. Sbor. trud. Mosk.tekhn.inst. no.8:164-172 '64.

SURFACES (TECHNOLOGY)

Investigating the effect of the gauge tolerance on the surface quality of iron-graphite bushings. D. Z. Il'chenko, Porosh.met. 6 no.5:92-96 My '65.

Obtaining a SAP-like surface layer. S. B. Albinder, A. I. A. Logina, E. F. Rastorgina. Alum.splavy no.4:208-213 '65.

SURFACES (TECHNOLOGY)—TESTING

Investigating the roughness of flat surfaces burnished with a ball head. V. A. Belov. Izv. vyz. ucheb. zav. i mashinostr. no.11:106-115 '64.

SURGERY see subdivision under Azerbaijan

SURGERY—COMPLICATIONS AND SEQUELAE

Clinical diagnosis of adrenal insufficiency in the preoperative period. K. I. Myshkin, A. A. Reut. Vest.khir. 96 no.4:22-25 Ap '66.

Errors and complications in the surgical treatment of hilly valgus. G. N. Kramarenko. Khirurgia 42 no.2:83-88 F '66.

Hazards and complications in the use of corticosteroids in surgery. M. I. A. Raudsep, V. S. Sil'vestrov. Vest.khir. 96 no.4:31-34 Ap '66.

Immediate and late results of surgical treatment in endemic goiter. E. M. Borovyi. Sov.med. 28 no.9:23-26 S '64.

Latent immersed drainage from the bile ducts injured during operations. G. B. Khonelidze, I. F. Zisman. Klin.khir. no.7:85-86 '65.

SURGERY, MILITARY

An outstanding military surgeon. S. Bagdasar'ian. Voen.-ist.zhur. 8 no.8:117-119 Je '66.

SURGERY, OPERATIVE

Characteristics of the surgical technique in the transplantation of the articular ends of large tubular bones. A. A. Korzh, R. R. Talyshinski, Vest.khir. 96 no.4:104-110 Ap '65.

Radical operations in cancer of the cardiac region of the stomach, invading the diaphragm. Z. N. Altakov. Grud.khir. 8 no.2:104-108 Mr-Ap '66.

SURGERY, PLASTIC

New instruments for cosmetic operations on the face. B. S. Bobrov, G. V. Kruchinskii, T. V. Styskina. Sov.med. 28 no.9:87-89 S '64.

SURGICAL ANATOMY see Anatomy, Surgical and topographical

SURGICAL DRAINAGE see Drainage, Surgical

SURGICAL INSTRUMENTS AND APPARATUS

Apparatus used in suturing the sternum after its longitudinal dissection and the method of its application. B. A. Smirnov, N. A. Super, B. B. Druzhinskaya. Grud.khir. 8 no.2:129-131 Mr-Ap '66.

Improved knife for skin cutting. A. M. Bagirov. Azerb. med.zhur. 41 no.6:75-77 Je '64.

Methodology of the construction of anastomoses using the PKS-25 apparatus. B. E. Peterson. Vest.khir. 96 no.4:138-139 Ap '66.

New instruments for cosmetic operations on the face. B. S. Bobrov, G. V. Kruchinskii, T. V. Styskina. Sov.med. 28 no.9:87-89 S '64.

Use of electronic apparatus for the removal of a foreign body lodged for 32 years in the small pelvis. V. P. Lemn, Khirurgia 42 no.2:140-141 F '66.

SURGICAL PATHOLOGY see Pathology, Surgical

SURKOV, IVAN ZAKHAROVICH, 1841-1880

A lowborn poet. I. Shchurov. V nitre knig 6 no.4:30-31 Ap '66.

SURVEYING

The number of competitors for a worthy celebration of the 23d Congress of the CPSU is being multiplied. Geod. i kart. no.3:3-6 Mr '66.

Using the method proposed by Haubrandt for solving the problem of two points. I. U. S. Khmelevskii. Geod. i kart. no.3:20-24 Mr '66.

Variakojis, Petras. [Principles of geodesy] "Geodezijos pagrindai. Vilnius, Mintis, 1966. 310 p. [Lithuanian]

SURVEYING—TABLES, ETC.

Discussion on F. I. Makeev's tables. G. S. Bronshtein, L. P. Nedeshcheva. Geod. i kart. no.3:72-75 Mr '66.

SUSLINS see subdivision under Kustanay Province

SUSLOVA, ANNA IVANOVNA, 1880-

Anna Ivanovna Suslova; on her 75th birthday. A. N. Mamadov. Azerb. med. zhur. 41 no.6:81-82 Je '64.

SUSPENSION ROOFS see Roofs, Suspension

SUSPENSIONS (CHEMISTRY)

Studying the filtration of fibrous suspensions. B. A. Gaevalik. Khim.mashinostr. no.2:145-152 '65.

SUTURES

Analysis of the causes of unsuccessful outcome of nerve suturing in gunshot wounds of extremities. V. L. Kachaev. Vop.neirokhir. 28 no.3:27-30 My-Je '64.

SVERDLOVSK—AGRICULTURAL RESEARCH

Scientific works of the Sverdlovsk Agricultural Institute. A. F. Gudkin and others. Vest.sel'khoz.nauki 11 no.2:150-150 F '66.

SVERDLOVSK—MACHINERY INDUSTRY

[Plant of the heavy machinery industry] Gigant tiazhologo mashinostroenia. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 164 p.

SVERDLOVSK—MACHINERY INDUSTRY—MECHANIZATION

Study of the work process as a means for determining the top-priority directions for work mechanization. I. A. Rozenberg. Izv. SO AN SSSR no.5. Ser.obshchestv. nauk no.2:44-51 '64.

SVERDLOVSK—VIEWS

[Sverdlovsk in photographs] Sverdlovsk v fotografiakh. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. [9] p. (chiefly illus.)

SVERDLOVSK PROVINCE—ECONOMIC POLICY

Economic reform is an important tool which helps to develop the national economy. M. Sergeev. Parl. zhizn' no.12:23-31 Je '66.

SVERDLOVSK PROVINCE—SPRAYING AND DUSTING IN AGRICULTURE

Marginal strip spraying is effective and advantageous. A. Rogozhin, A. Lander. Zashch.rast. 11 no.5:25-26 '66.

SWAMPS

Simplify the classification of swamps in a manner applicable to pipeline construction. E. A. Litov, Stroi. truboprov. 10 no.4:32 Ap '65.

SWIMMING

- Maslov, V.I. [The river calls] Reka zovet. Moskva, Fizkul'tura i sport, 1966. 55 p. (Biblioteka sel'skogo fizkul'turana)
- [On blue little paths] Na golubyykh dorozhskakh. Moskva, Fizkul'tura i sport, 1966. 180 p.

SWINE see subdivision under Kretlingale region (Lithuania)

SWINE—ANATOMY

- Anatomotopographical data on the abdominal wall and ovaries of a sow. S.G. El'tsov, N.I. Nikiforov. Trudy Mosk. vet. akad. 10:108-118 '56.
- Blood supply of the liver in swine. V.V. Sak. Uch. zap. Viteb. vet. inst. 16:344-348 '64.
- Lung nerves in swine. A.A. Koroleva. Uch. zap. Viteb. vet. inst. 16:332-337 '64.

SWINE—DISEASES AND PESTS

- Comparative study of the effect of antibiotics on enteropathogenic serotypes of Escherichia coli. P.K. Annan'ev, V.M. Petrov, L.A. Turina. Veterinaria 42 no. 4: 17-19 Ap '66.
- Duration of the carrier state in leptospirosis of swine. S.V. Netsipilav. Veterinaria 43 no. 5:29-31 My '65.
- Effect of the toxic substances of fungi of the genus Aspergillus on the organism of young pigs. M.A. Antukov. Veterinaria 42 no. 4:33-36 Ap '66.
- Ferrugliakia and its use in treating anemia in young pigs. G.I.A. Rozenberg and others. Veterinaria 42 no. 4: 80-82 Ap '66.
- Field tests on the immunization of swine against paratyphoid fever using live vaccine strain TS-177. F.K. Valoeva. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:31-35 Ap '66.
- Identification of swine influenza virus strains. K.N. Davydov. Veterinaria 43 no. 4:19-21 Ap '66.
- Infectious gastroenteritis of swine. V.P. Petrov, V.D. Chernigov, V.A. Kuznetsov. Uch. zap. Viteb. vet. inst. 16:210-218 '64.
- Pathogenesis of anemia in vitamin D deficiency in young pigs. P.I.A. Konomel'ka. Uch. zap. Viteb. vet. inst. 16:164-176 '64.
- Tuberculosis in swine and problems of veterinary hygienic expertise. I.U.A. Savet'ev, A.N. Mironov. Trudy VNIIS 16:186-189 '60.
- Veterinary hygienic evaluation of swine kidneys with cysts. N.P. Kovaleva. Veterinaria 42 no. 4:104-106 Ap '66.

SWINE—FEEDING AND FEEDS

- (see also subdivision under Lugansk; White Russia)
- Effectiveness of mineral mixtures in fattening swine for meat. I.I. Larov. Vest. sel'khoz. nauki 11 no. 4:35-39 Ap '66.
- Enzymatic activity of cellulose-decomposing microflora in the intestines of young pigs. A.I. Kurbatov. Veterinaria 42 no. 4:23-25 Ap '66.
- Level of protein feeding and the formation of immunity in hog cholera. I.A. R. Kovaleva, M.A. Sidorov, I.A. [Ab]onskaya. Vest. sel'khoz. nauki 11 no. 4:40-45 Ap '66.
- Mechanized feed preparation shop. V. Chebérko, V. Ntidenko, V. Filippov. Tekh. v sel'khoz. 26 no. 4:10-23 Ap '66.
- Overall mechanization of swine fattening. A. Iz'urov, A. Vidov. Tekh. v sel'khoz. 26 no. 4:23-24 Ap '66.

SWINE—PHYSIOLOGY

- Effect of penicillin in various concentrations on phagocytosis in swine. V.D. Chernigov. Uch. zap. Viteb. vet. inst. 16:270-276 '64.
- Problem of a normal myelogram and hemogram of young pigs at the age of two to four months. A.S. Kalinin. Uch. zap. Viteb. vet. inst. 16:153-159 '64.

SWINE ERYSIPELAS

- Effect of hyaluronidase on the activity of hyperimmune antierysipeloid serum. A.A. Shpakovskii. Uch. zap. Viteb. vet. inst. 16:220-233 '64.

SWINE FEVER see Hog cholera

SWINE HOUSES AND EQUIPMENT—DISINFECTION

- Role of disinfection in preventing atrophic rhinitis. I.G. Buzmakov. Veterinaria 42 no. 4:97-99 Ap '66.

SWINE HOUSES AND EQUIPMENT—EXHIBITIONS

- Swine breeders, promoters of mechanization. M. Lazerson. Inform. biul. VDNKH no. 5:5 My '66.

SWITCHING CIRCUITS

- Akademiya nauk Kirgizskoi SSR, Frunze, Institut avtomatiki. [Networks and devices with discrete operation] Uzyi i ustroystva diskretnogo delistviya. Frunze, Ilim, 1966. 48 p.
- Christmas tree light switch. Radio no. 12:47-48 D '65.
- Electronic commutator with an electron-beam indicator. V.M. Mironov, V.V. Piliashki, O.A. Janushevskii. Izv. vys. ucheb. zav.; radiotekh. 9 no. 2:245-247 Mr-Apr '66.

- Gol'man, G.A., and E.A. Soeklin. [Contactless components in automatic networks and systems control] Beskontaktnye elementy v skhemakh i ustroystvakh avtomatiki. Moskva, Energiia, 1966. 87 p. (Biblioteka elektronika, no. 180)
- Simple semiautomatic keying circuit. V. Zhukov. Radio no. 12:22-34 D '65.
- Solution of the Laplace equation in a Penning discharge gap. T.I. Ivanova, G.E. Postovalov, E.M. Reikhsdelf. Zhur. tekhn. fiz. 36 no. 5:907-912 My '66.

SWITZERLAND—INDUSTRIES—EXHIBITIONS

- For the first time in the U.S.S.R.; on the opening of the Swiss industrial exhibition in Sokol'niki. I.U. Balod, V. Durtsev. Vnesh.torg. 46 no. 5:10-11 '66.

SYMBOLIC AND MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOLYTIC AGENTS

- Study of the sympatholytic properties of amino derivatives of acetylene and diacetylene. T.A. Klygul' and others. Farm. i toks. 29 no. 2:152-155 Mr-Apr '66.

SYMPATHOMIMETIC AGENTS

- Catechol amine content in the endocrine glands and heart of white rats in hypothyroidism and experimental thyroid toxicosis. V.L. Kardashev, S.Kh. Kubli, V.S. Nevstrueva. Probl. endok. i gorm. 10 no. 2:95-99 Mr-Apr '64.

SYMPTOMATIC ANTHRAX see Anthrax, Symptomatic

SYNAPSES

- Comparative reactivity of neuromuscular synapses in various animals. S.I. Khurastalev. Fiziol. zhur. 50 no. 11:1364-1372 N '64.

SYNCHRONOUS ELECTRIC MACHINERY see Electric machinery, Synchronous

SYNCHRONOUS ELECTRIC MOTORS see Electric motors, Synchronous

SYNNYR RANGE—ROCKS, IGNEOUS—ANALYSIS

- Structure of the Synnyr Massif of alkali rocks. V.V. Archangel'skaya. Sov. geol. 8 no. 9:74-87 S '65.

SYNTHETIC FABRICS see subdivision under Poland

SYNTHETIC PRODUCTS

- Parameters of the unit cells of some nonexchangeable forms of the synthetic zeolites of the X and A type. G.V. Tshitslavskii, T.S.A. Gedzhadze. Rent. min. syr. no. 4:113-116 '64.

SYNTHETIC RUBBER see Rubber, Synthetic

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

SYNTHETIC TRAINING DEVICES

- Trainer and coach. I.U.G. Antchenkov. Vest. protivovoed. obor. no. 5:75-78 My '66.

SYPHILIS

- Functional disorders of the vegetative nervous system in early syphilis. Kh.D. Dzhabarov, A.G. Ashrafv. Azerb. med. zhur. 42 no. 5:71-73 My '65.

SYROMIATNIKOV, IVAN ARKAD'EVICH, 1904-1966

- Ivan Arkad'evich Syromiatnikov; obituary. Elek. stn. 37 no. 3:95 Mr '66.

SYSTEM ANALYSIS

- Mathematical method of analysis of the work of multiple machine operators. E.A. Sterlin. Tekst. prom. 26 no. 5:25-30 My '66.

SYSTEMS (CHEMISTRY)

- Absorption spectra of the ternary system water - organic solvent - salt. A.V. Karjakin, A.V. Petrov, I.U.B. Gorlit. Dokl. AN SSSR 168 no. 3:580-591 My '66.
- Electroconductivity equation for a binary liquid system with chemically noninteracting components. I.U.IA. Fialkov, I.U.A. Tarasenko. Elektrokhimia 2 no. 5: 610-612 My '66.
- Liquid-vapor equilibrium in the system ethane-carbon dioxide. N.E. Khazanova, L.S. Lesnenskain, A.V. Zakharova. Khim. prom. 42 no. 5:304-305 My '66.
- Phase equilibrium in certain systems with germanium halides. V.N. Cherniaev and others. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:97-102 '66.
- Physicochemical study of the system sodium hydroxide - trihydroxybutyric acid - water at 25° C. A.IA. Putnyu, E.M. Shvarts, A.F. Levin'sh. Zhur. ob. khim. 36 no. 5:777-780 My '66.
- Solubility in the system acetic acid - acetone - chlorobenzene - water. A.F. Frolov, M.A. Logina, E.G. Rogacheva. Zhur. ob. khim. 36 no. 5:780-783 My '66.

- Solubility, viscosity, and density isotherms of the system KCl - KClO₄ - H₂O at 25 and 50° C. E.N. Troitskii, A.F. Turnetskaya. Zhur. neorg. khim. 11 no. 4:826-828 Ap '66.

- Surface tension of the melts LiPO₃ - NaPO₃, Ca(PO₃)₂ - NaPO₃, Ba(PO₃)₂ - KPO₃. I.D. Sokolova, E.L. Krivtiazov, N.K. Voskresenskaya. Zhur. neorg. khim. 11 no. 4:898-901 Ap '66.

- System Na⁺, K⁺, PO₄³⁻, F⁻. G.A. Bukhalova, I.V. Mardirosova. Zhur. neorg. khim. 11 no. 4:920-925 Ap '66.

- System KCl - SbCl₃ - HCl - H₂O. G.V. Zimina, S.B. Stepina, V.E. Pliushchev. Zhur. neorg. khim. 11 no. 5: 1107-1112 My '66.

- System CsCl - SbCl₃ - HCl - H₂O at 25° C. G.V. Zimina and others. Zhur. neorg. khim. 11 no. 4:859-863 Ap '66.

- System 2Li⁺, 2Na⁺ | 2OH⁻, CO₃²⁻ + H₂O at 100° C. L.S. Iukina, N.M. Chaplygina. Zhur. neorg. khim. 11 no. 4: 878-885 Ap '66.

- System KCl - MgCl₂ - H₂O. M.P. Shul'gina, O.S. Khar-chuk. Zhur. neorg. khim. 11 no. 5:103-106 My '66.

- System Na₂SO₄ - Cs₂SO₄ - MgSO₄ - H₂O at 25° C. V.G. Shevchuk. Zhur. neorg. khim. 11 no. 5:1113-1115 My '66.

- Systems Li, K, Rb || SO₄ and Li, Na, Ca || SO₄. G.G. Diogenov, V.I. Ermachkov. Zhur. neorg. khim. 11 no. 5:1220-1222 My '66.

- Systems H₂E - KRb, CsF - H₂O. I.V. Tananayev, L.S. Guzeva. Zhur. neorg. khim. 11 no. 5:1091-1095 My '66.

- Ternary system m-dinitrobenzene - 2,4,6-trinitro-m-xylene - picric acid. O.F. Bogush. Izv. AN SSSR, Ser. khim. no. 5:940-941 '66.

- Tetrahedron-forming cross sections of the system Li, Na, Cu || F, Cl. V.A. Gladushchenko, M.A. Zakhar-chenko. Zhur. neorg. khim. 11 no. 4:916-919 Ap '66.

SYSTEMS (CHEMISTRY)—ELECTRIC PROPERTIES

- Physicochemical analysis of the NaCl-Al₂Br₃-C₆H₅NO₂ system. I.S. Bigich, G.P. Shkrobot, O.S. Korol'. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:3-5 '65.

SYSTEMS (CHEMISTRY)—THERMODYNAMICS

- Reactions in mixtures of quartz with soda and sulfate and their thermodynamics. M.A. Matveev, B.N. Frenkel', G.M. Matveev. Trudy MIKITI no. 45:125-138 '64.

SYSTEMS ENGINEERING

- Determining maximum magnitude of the reaction considering the accumulation of disturbances in the system. N.G. Vladyskin. Izv. vys. ucheb. zav.; mashinost. 9 no. 3: 172-177 '66.

SZABELYITE

- Monoclinism of szabelyite. N.I. Oranova. Rent. min. syr. no. 4:5-9 '64.

TABLE TENNIS

- Ivanov, V.S. [Table tennis] Nastol'nyi tennis. Z. perer. izd. Moskva, Fizkul'tura i sport, 1966. 191 p.

TABLETS (MEDICINE)

- Accelerated method for the determination of storage dates for "Nikoverin" tablets. M.V. Stelnhart, S.A. Nosovits'ka. Farmatsev. zhur. 21 no. 2:54-58 '66.
- H-carboxymethylcellulose as a swelling scarifier for the improvement of the disintegration of tablets. E.E. Borzunov, S.M. Shevchenko. Farmatsev. zhur. 21 no. 2:50-53 '66.
- Spectrophotometric determination of papaverine hydrochloride, dibasol, and theobromine in tablets. T.E. Gulimova. Apt. delo 15 no. 2:43-48 Mr-Apr '66.

TABRISI, ASSAR

- About "Sagi-name" an unknown work by Assar Tabrisi. G. Dzhabkhani. Izv. AN Azerb. SSR, Ser. obschestv. nauk no. 6:94-101 '65.

TACHOMETER—VIBRATION

- Forced vibrations of a nonlubricated gyroscopic tachometer. A.M. Lestev. Izv. vys. ucheb. zav.; prib. 9 no. 2:95-100 '66.

TAGALOG LANGUAGE—GRAMMAR

- Krus, M., and L.I. Shkarban. [The Tagalog language] Tagal'skii iazyk. Moskva, Nauka, 1966. 101 p. (Iazyki narodov Azii i Afriki)

TAGANROG—LIBRARIES AND READERS

- An interesting experiment. E. Nesterova. Bibliotekar' 43 no. 5:48-49 My '66.

TAGANROG—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

- Gol'man, G.B. [The hero of Taganrog: a documentary tale] Gerol Taganrog: dokumental'naya povest'. [Moskva] Molodtsova gvardia, 1966. 387 p.

TAILINGS (METALLURGY)

- Determining the critical rate and the loss of pressure in horizontal tailing lines during the hydraulic conveying of loose weighted materials. A.M. Molinov. Izv. vys. ucheb. zav.; stroit. i arkhit. 9 no. 3:70-76 '66.

TAILINGS (METALLURGY)—ANALYSIS

Direct determination of molybdenum sulfide in flotation tailings. IU, L. Poljakov, A. A. Kachmasov. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:18-20 '66.

TAJIKISTAN—COTTON—FERTILIZERS AND MANURES

Forms of phosphorus fertilizers for cotton in Tajikistan. L. N. Chumachenko, A. I. Berzin, V. I. Iltis, prim. udob. na plod. poch. i prod. sevoobor. no. 2:298-314 '64.

TAJIKISTAN—GEOLOGY, STRATIGRAPHIC

Types of cross sections and the stratigraphy of Neogene sediments in southern Tajikistan. I. A. R. Melamed. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:10-19 My '66.

TAJIKISTAN—RECLAMATION OF LAND

Reclamation of land and the harvest. A. Kakharov. Kommunist 43 no. 8:9-10 My '66.

TAJIKISTAN—SOIL MECHANICS

Sagging in irrigated soils of Tajikistan. E. N. Skvaletskii. Gidr. i mel 10 no. 5:49-50 My '66.

TAKYR see subdivision under Turkmenistan

TALAS ALATAU—GEOLOGY, STRUCTURAL

Pipe bodies of brecciated ores in the Charkaragaysk-Kurgan ore zone. V. A. Nevskii. Geol. rud. mestorozh. 8 no. 1:55-67 Ja-F '66.

TALAS ALATAU—ORE DEPOSITS

Pipe bodies of brecciated ores in the Charkaragaysk-Kurgan ore zone. V. A. Nevskii. Geol. rud. mestorozh. 8 no. 1:55-67 Ja-F '66.

TALES, WHITE RUSSIAN

Akhrymenka, P. P. [White Russian songs and stories] Belaruskija pesni i kazki. Minsk, [Nauka i tekhnika] 1965. 158 p.

TALBOV, ABD-OR-RAKHIM, 1834-1910

From the history of the research on Hadzhi Mirza Abduragim Talbov's life and activity. M. Munafi. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:102-110 '65.

TALKING MOTION PICTURES see Motion pictures, Talking

TALLINN—MACHINERY INDUSTRY

Maier, E. [Tallinn Machinery Plant, 1865-1965; the worker steps through the years and centuries. Translated from the Estonian] Tallinskii mashinostroitel'nyi zavod, 1865-1965; rabochii shaguet skvoz' gody stoletia. Tallinn, Eesti Raamat, 1965. 145 p.

TAL'MENKA (NOVOSIBIRSK PROVINCE)—DEPARTMENT STORES—MANAGEMENT

The demands of our times. N. Zakharova. Sov. potrebn. koop. 10 no. 3:8-9 My '66.

TALYSH MOUNTAINS—GEOLOGICAL TIME

Plantation surfaces of the Talysh Mountains. B. A. Antonov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:179-185 '64.

TALYSH MOUNTAINS—LANDFORMS

Plantation surfaces of the Talysh Mountains. B. A. Antonov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:179-185 '64.

TANADAE see subdivision under Pacific Ocean

TANGERINE—FERTILIZERS AND MANURES

Action of fertilizers in differentiated placement for citrus crops in connection with the development of trees. M. S. Chachibala, V. I. Iltis, prim. udob. na plod. poch. i prod. sevoobor. no. 2:330-340 '64.

TANK CARS

Automation of ejector pumping of petroleum products from tank cars. IU, Galkin. Neftianik 10 no. 5:24-25 My '65.

TANK VESSELS

(see also subdivision under Black Sea)

Automation of cargo handling operations on tankers. V. P. Petrov and others. Inform. sbor. TSNIIMF no. 151. Tekh. ekspl. mor. flota no. 4:100-115 '65.

Under the flag of our native country. N. Ivanov. Mor. flot 24 no. 1:5-6 Ja '64.

TANKS

Accuracy of parameter measuring in automating quantitative control in storage tanks. V. B. Pevzner. Transp. i khran. nefi i nefteprod. no. 2:17-19 '65.

Crack resistance of precast prestressed reinforced concrete tanks. R. U. Abasov. Bet. i zhel.-bet. 12 no. 3:7-14 Mr '66.

Engineering features of the manufacture of gobarit welded tanks. V. Gorbachev. Prom. strof. i inzh. soor. 6 no. 4:46-47 Ji-Ag '64.

Modernization of floating roof tanks. D. V. Luzin, V. V. Pankov. Transp. i khran. nefi i nefteprod. no. 5:40-41 '66.

Prestressed reinforced concrete tanks for oil. A. P. Ovcharenko, N. S. Morozov, A. B. Rubinshtein. Bet. i zhel.-bet. 12 no. 3:14-16 Mr '66.

TANKS—CLEANING

Mobile machine unit for tank washing. D. P. Bobrov, M. A. Sirot, N. I. Ermolova. Kons. i ov. prom. 21 no. 5:13-15 My '66.

TANKS—CORROSION

Coating of inner surfaces of spherical tanks. A. M. Nurmagametov. Strof. i truboopr. no. 6:22-24 Je '65.

TANKS—ELECTRIC EQUIPMENT

Steshenko, N. N. [Handbook for tank farm electricians] Spravochnik elektrika neftebaz. Moskva, Nedra, 1965. 311 p.

TANKS (MILITARY SCIENCE)

Industrious study ensures success in field training. V. Sazonov. Komm. Vooruzh. Sil 47 no. 10:22-26 My '66.

Role of armored forces in the operations of encirclement and annihilation. I. Krasnov. Voenn.-ist. zhurn. 8 no. 4:24-36 Ap '66.

TANKS (MILITARY SCIENCE)—MAINTENANCE AND REPAIR

How can speed be increased? D. Khromakov. Tekh. i vooruzh. 24 no. 1:42-43 Ja '66.

TANNING

Using zirconium salts in leather production. K. Grigorian. Prom. Arm. 9 no. 3:28-30 Mr '66.

TANNINS

Determining tannins in some species of tanniferous plants. L. S. Alukina. Izv. AN Kazakh. SSR, Ser. biol. nauk 2 no. 4:36-42 Ji-Ag '64.

TANNU-TUVA see Tuva A. S. S. R.

TANTALUM

Using the method of coprecipitation with collectors in the concentration of tantalum microquantities. L. I. Peta, V. B. Aleksovskii. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:22-26 '66.

TANTALUM BROMIDES—MAGNETIC PROPERTIES

Magnetic susceptibility of niobium and tantalum bromides of lower valency. E. I. Krylov and others. Zhur. neorg. khim. 11 no. 5:1000-1003 My '66.

TANTALUM CRYSTALS

Emission parameters of tantalum and molybdenum single crystals. O. D. Protopyov and others. Fiz. tver. tela 8 no. 4:1140-1146 Ap '66.

TANZANIA—FINANCE

The credit-monetary system of Kenya, Tanzania, and Uganda. V. Lokhmachev. Den. i kred. 24 no. 5:83-87 My '66.

TARBAGATAY RANGE—ROCKS, IGNEOUS

Some data on subvolcanic bodies and on the remains of Paleozoic volcanic apparatus in the Western Tarbagatay Range. E. N. Savochkina. Sov. geol. 9 no. 4:74-91 Ap '66.

TARBAGATAY RANGE—VOLCANOES

Some data on subvolcanic bodies and on the remains of Paleozoic volcanic apparatus in the Western Tarbagatay Range. E. N. Savochkina. Sov. geol. 9 no. 4:74-91 Ap '66.

TARTU—ELECTRONIC DATA PROCESSING—FACTORY MANAGEMENT

On the problem of calendar planning for the work of a workshop. IU, A. Kaazik, P. P. Mullari. Trudy LIEI no. 58:142-145 '66.

TASHKENT—BUILDING MATERIALS PLANTS—DESIGN AND CONSTRUCTION

On the northern outskirts of Tashkent. I. Burshtein, E. Petrosian. Ekon. i zhizn' 8 no. 4:57-59 Ap '66.

TASHKENT—CONFECTIONERY INDUSTRY

Tasty, beautiful, imaginative. B. Avor'lanov. Ekon. i zhizn' 8 no. 4:84-85 Ap '66.

TASHKENT—DEPARTMENT STORES

State Department Store in Tashkent. IU, Vellunskii. Strof. i arkhit. Uzb. 7 no. 3:23-24 Mr '66.

TASHKENT—FACORIES—DESIGN AND CONSTRUCTION

In the factories of Tashkent. G. Rassin. Tekh. ost. no. 2:30 F '65.

TASHKENT—PERSONNEL MANAGEMENT

What Comrade Davletov can't understand. IA, Skliarevskii. Sov. profsoyuzy 22 no. 9:42-43 My '66.

TASHKENT—PUBLIC BUILDINGS

Youth House in Tashkent. R. V. Bieze, E. B. Padis. Strof. i arkhit. Uzb. 7 no. 5:21-25 My '66.

TASHKENT—TEXTILE INDUSTRY—MECHANIZATION

Mechanization of labor consuming processes in the Tashkent Textile Combine. E. N. Kuchkin. Tekst. prom. 26 no. 5:12-15 My '66.

TASHKENT—TRANSPORTATION

Mobility of the population of Tashkent. A. I. Vanke, V. N. Varakina, E. M. Shlain. Strof. i arkhit. Uzb. 7 no. 3:37-39 Mr '66.

TASHKENT—TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

Automotive transportation of the capital begins to work in the new way. Ekon. i zhizn' 8 no. 4:43 Ap '66.

TASHKENT CONFERENCE, 1966

Stepanov, L. V. [Conflict in Hindustan and an agreement in Tashkent] Konflikt v Indostane i soglasenie v Tashkente. Moskva, Politizdat, 1966. 62 p.

TASHKENT PROVINCE—ECONOMIC POLICY

Problems of the development of the Angren-Almalyk mining region. K. Bedrintsev. Ekon. i zhizn' 8 no. 4:26-31 Ap '66.

TASHKENT PROVINCE—MILDEW

Effect of phosphorus-potassium fertilizers on the resistance of peas to powdery mildew. M. I. Iminov. Khim. y sel', khoz. 4 no. 5:20-22 My '66.

TASHKENT PROVINCE—PRECAST CONCRETE CONSTRUCTION

New design features of multistory buildings. L. Golebov. Strof. i arkhit. Sred. Az. 1 no. 7:41-44 Ji '64.

TASUTKOL' REGION (KAZAKHSTAN)—SOIL MOISTURE

Hydrophysical properties of soils in the Tasutkol' irrigation area. R. Kh. Klevskaya, A. N. Osina. Izv. AN Kazakh. SSR, Ser. biol. nauk 2 no. 4:3-11 Ji-Ag '64.

TAT LANGUAGE

Analysis of language materials in Sold Akhmed Reserai's "Azeri" based on the Tat language. M. I. Gaidzhev. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:123-132 '65.

TATAR A. S. S. R.—ART

[Artists of Tataria] Khudozhniki Tatarii. Leningrad, Khudozhnik RSFSR, 1965. 65 p. illus.

TATAR A. S. S. R.—CONSTRUCTION INDUSTRY—ACCOUNTING

Cost accounting in the divisions of the Tatar Special Construction Administration. I. Serebrov. Strof. i truboopr. 10 no. 4:24 Ap '65.

TATAR A. S. S. R.—ECONOMIC CONDITIONS

Kazan. Gosudarstvennyi pedagogicheskii institut. [From the history of Tataria; a collection of local lore] Iz istorii Tatarii; kraevedcheskii sbornik. Kazan', 1965. 317 p. (NNC)

TATAR A. S. S. R.—HISTORY

Kazan. Gosudarstvennyi pedagogicheskii institut. [From the history of Tataria; a collection of local lore] Iz istorii Tatarii; kraevedcheskii sbornik. Kazan', 1965. 317 p. (NNC)

TATAR A. S. S. R.—OIL WELL CEMENTING

Field testing of A-28 drillable packers for use in sealing thief zones designed by the Tatar Scientific Research Institute. M. I. Sukhenko, V. I. Krylov, G. S. Abdurakhmanov. Mash. i nef. obr. no. 4:10-12 '66.

TATAR A. S. S. R.—PETROLEUM INDUSTRY

Competition multiplies the successes. A. Malakhov. Neftianik 10 no. 8:3-4 Ag '65.

Make wider use of potentials for economizing material resources. R. Rikhel'gov, S. Farkhudinov. Neftianik 11 no. 5:20-21 My '66.

Petroleum workers of Tataria at the finish of the seven-year plan. V. Graifer. Neftianik 10 no. 8:1-2 Ag '65.

TATAR A. S. S. R.—PETROLEUM WORKERS

The Abdulla brothers. M. Vasilutin. Neftianik 10 no. 8:10 Ag '65.

TATAR A. S. S. R.—SEISMIC PROSPECTING

Nature of the distribution of the mean reservoir velocities of elastic oscillations in a sedimentary formation in the eastern part of Tatarstan. A. N. Titkov. Prikl. geofiz. no. 46:34-51 '65.

TATAR LANGUAGE—FOREIGN WORDS AND PHRASES— POLYGLOT

Khamzin, K. Z., M. I. Makhmutov, and G. Sh. Saifullin. [Arabic-Tatar-Russian dictionary of loan words; Arabic and Persian elements in the language of Tatar literature. With a supplementary guide to Arabic grammar compiled by M. I. Makhmutov.] Arabiko-tatarsko-russkii slovar' zaimstvovani; arabizmy i farsiizmy v iazyke tatarskoi literatury. S prilozheniem spravochnika po arabiskoi grammatike, sostavionnogo M. I. Makhmutovym. Kazan', Tatarskoe knizhnoe izd-vo, 1965, 853 p.

TAUTOMERISM

Keto-enol tautomerism and the acid characteristics of thiolipins. E. D. Gel'fand, B. D. Bogomolov. *Bum. prom.* no. 5:3-4 My '66.

TAYMYR PENINSULA—BOTANY

Flora of the vicinity of the Taymyr mammoth excavation. B. A. Tikhomirov. *Rast. Krain. Sev. SSSR i ee osv.* no. 6:122-134 '66.

TBILISI see Tiflis

TEA—FERTILIZERS AND MANURES see subdivision under Lenkoran' Lowland

TEACHERS

About the personality of a teacher. M. I. Kodak. *Ras. shkola* 45 no. 5:87-90 My '66.

As a vocation and by necessity. M. Pevtsova. *Doshk. vosp.* 39 no. 4:80-81 Ap '66.

But how does the teacher live? N. Tatarskaya. *Sov. profsoyuz* 22 no. 9:30-32 My '66.

Indefatigable worker. A. T. Alstov. *Sred. spets. obr.* 13 no. 4:54 Ap '66.

Knight of the Order of Lenin. I. Frolov. *Sem'ia i shkola* 21 no. 4:34-35 Ap '66.

Master of educational work. D. T. Pollarin, M. V. Moiseyenko. *Rad. shkola* 45 no. 5:86 My '66.

My friends the teachers. M. Kaidanovskii. *Nar. obr.* no. 5:34-44 My '66.

TEACHERS, TRAINING OF

(see also subdivision under Germany, East)

Methodological work as a guarantee of creative activities. N. A. Petrov. *Sred. spets. obr.* 13 no. 4:5-9 Ap '66.

Work on the improvement of teachers' qualifications. P. S. Dudyk. *Rad. shkola* 45 no. 5:92-95 My '66.

TEACHERS OF THE BLIND—EDUCATION AND TRAINING

Seminar and practical work of the teachers of boarding schools for the blind. V. M. Shcherbina. *Rad. shkola* 45 no. 5:109 My '66.

TEACHING

Beware of "sleep with open eyes." D. Bol'shakov. *Nar. obr.* no. 5:55-57 My '66.

Education and the problem of communication. A. M. Sokhor. *Sov. pedagog.* 30 no. 4:85-92 Ap '66.

Every teacher can work without repeating students. K. M. Svirina, G. Griblov, K. N. Andreechkin. *Nach. shkola* 34 no. 5:55-55 My '66.

Practice proves it. I. Petrov. *Nar. obr.* no. 5:50-54 My '66.

TEACHING MACHINES

Control devices with selective introduction of answers. V. I. A. Ozholin. *Rad. shkola* 45 no. 5:51-51 My '66.

Use of small teaching machines in teaching a foreign language. A. R. Belopol'skaya, I. M. Novitskaya. *Vych. tekhn. i vop. prog.* no. 4:115-127 '66.

TEBERDA (STAVROPOL TERRITORY)—TUBERCULOSIS— HOSPITAL AND SANATORIUMS

External respiratory function in patients with pulmonary tuberculosis treated at the "Teberda" mountain health resort. A. M. Kovalenko. *Probl. tub.* no. 9:43-49 '64.

TECHNICAL ASSISTANCE see subdivision under Europe, Eastern

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

(see also subdivision under Leningrad; Lvov)

Fruitful contacts. A. Maslov. *Sred. spets. obr.* 13 no. 4:34-35 Ap '66.

[Handbook for students entering the special secondary schools of the U.S.S.R. (technical, academy, and normal) in 1966] Spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR; (tekhnikumy, uchilishcha, shkoly) v 1966 goda. Moskva, Vysshiaia shkola, 1966, 387 p.

Pozdnlakov, O. A., and G. I. Saifonov. [People's universities of science, technology and economics; a methodological manual on the organization of the instructional process in people's universities in the technical and economic fields] Narodnye universitety nauki, tekhniki i ekonomicheskikh znani; metodicheskoe posobie po organizatsii uchebnogo protsesssa v narodnykh universitetakh tekhnicheskikh i ekonomicheskikh znani. Leningrad, 1965, 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seria: Organizatsiia propagandy nauchno-tekhnicheskogo i proizvodstvennogo opyta)

TECHNICAL LIBRARIES see subdivision under Perm

TECHNICAL SOCIETIES see subdivision under Armenia

TECHNICIANS IN INDUSTRY

New conditions for industrial development and issuing bonuses to engineering and technical workers. E. Vasil'ev, V. Khokhlov. *Sots. trud.* 11 no. 5:16-24 '66.

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Armenia; Kazakhstan; Leningrad; Ukraine; White Russia)

Advertising board. *Izobr. i rats.* no. 3:34-35 Mr '66.

Advertising board. *Izobr. i rats.* no. 4:18-19 Ap '66.

Answers on any specific problems of economics and inventor rights. *Izobr. i rats.* no. 3:38-39 Mr '66.

Before the 23d Party Congress. *Izobr. i rats.* no. 3:10-11 Mr '66.

Brief news. *Prom. Arm.* 9 no. 3:79 Mr '66.

Brief news. *Vop. izobr.* no. 4:51-55 Ap '66.

Campaign of the thrifty. *NTO* 8 no. 5:40 My '66.

Conceived-achieved. *Izobr. i rats.* no. 3:22-23 Mr '66.

Creative work of innovators in the service of the five-year plan. *Part. zhizn'* no. 12:31-36 Je '66.

Edisons are without prospects. A. P. Vladzlevskii. *Izobr. i rats.* no. 4:21 Ap '66.

Golovko, D. I., and others. [Automation of planning and management of the new developments] Avtomatizatsiia planirovaniia i upravleniia novymi razrabotkami. Riga, Zvalgne, 1966, 190 p.

In the Institute of Economics of the Academy of Sciences of the U.S.S.R. Economic stimulation of technological progress. *Sots. trud.* 11 no. 5:146-148 '66.

In the U.S.S.R. *Prom. Arm.* 9 no. 2:63-64 F '66.

In the U.S.S.R. *Prom. Arm.* 9 no. 3:74-75 Mr '66.

Instructions for the remuneration for industrial specimens. *Vop. izobr.* no. 3:41-42 Mr '66.

Invention movement in the U.S.S.R. *Izobr. i rats.* no. 3:17 Mr '66.

Notebook of the technologist of "Izobretatel' i ratsionalizator." *Izobr. i rats.* no. 3:29, 39 Mr '66.

Notebook of the technologist of "Izobretatel' i ratsionalizator." *Izobr. i rats.* no. 4:15-17 Ap '66.

Practice of the expert council. *Vop. izobr.* no. 3:39-41 Mr '66.

Prelude to the five-year plan. *Izobr. i rats.* no. 4:6 Ap '66.

Readers' letters. *Izobr. i rats.* no. 3:26 Mr '66.

Readers' letters. *Izobr. i rats.* no. 4:28-29 Ap '66.

Rozenman, E. S., ed. [Problems of the economic efficiency of capital investments and new equipment] Voprosy ekonomicheskoi effektivnosti kapital'nykh vlozhenii i novoi tekhniki; sbornik materialov. Moskva, Mosk. energ. in-t, 1966, 94 p.

Secrets of a shop. N. Karaseva. *Izobr. i rats.* no. 4:9 Ap '66.

Some problems in paying awards for inventions and innovations. V. Bagramian. *Prom. Arm.* 9 no. 3:79-80 Mr '66.

Specific advice on calculating savings. How much should we pay for it? *Izobr. i rats.* no. 4:7 Ap '66.

Stimulating inventiveness and technological innovations. *IU. Margulla, Agitator* no. 3:51-52 F '64.

Technical information. *Prom. Bel.* 9 no. 1:56-57 Ja '66.

To you, our country! *Izobr. i rats.* no. 3:2-3, 11 Mr '66.

You can make this yourself. *Prom. Bel.* 9 no. 1:40-42 Ja '66.

TECHNOLOGICAL INNOVATIONS—ECONOMIC ASPECTS

Calculating savings from the adoption of inventions and technological innovations. F. A. Pladis. *Vop. izobr.* no. 4:12-14 Ap '66.

TECHNOLOGICAL INNOVATIONS—FINANCE see subdivision under Communist countries

TECHNOLOGISTS

Kuznetsov, I. V., ed. [People of Russian science; essays on outstanding workers in natural science and technology: Technology] Liudi russkoi nauki; ocherki o vydaushchikh detselakh estestvoznaniia i tekhniki. Tekhnika, Moskva, Nauka, 1965, 782 p.

(CST) (WU)

TECHNOLOGY

(see also subdivision under Kazakhstan; Siberia)

Influence of technological progress upon the intensity of work. G. N. Cherkasov. *Izv. SO AN SSSR* no. 5. Ser. obshchestv. nauk no. 2:22-29 '64.

Natural science and contemporary scientific and technological revolution. B. M. Kedrov. *Prifoda* 55 no. 5:2-10 My '66.

On the concept of technology. V. V. Samarin. *Trudy Kish. politekh. inst.* no. 2:3-8 '64.

Petrov, V. P., and P. P. Iurevich. [Fiction or reality?] Fantastika ili real'nost'. [Leningrad] Lenizdat, 1965, 227 p. (Nauka i kommunizm)

Reserves of technology. I. V. Varaksin and others. *Tekhn. i vooruzh.* no. 7:46-51 J1 '65.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—INFORMATION SERVICES

(see also subdivision under Armenia)

Headquarters of technical promotion. M. Glezer. *NTO* 8 no. 5:30 My '66.

Ostrometskii, A. [Some problems in constructing and using reference and information collections in scientific research institutes, design offices, and at enterprises; materials on scientific and technological information] Nekotorye voprosy sozdaniia i ispol'zovaniia spravochno-informatsionnykh fondov v NII, KB i na predpriiatiakh; materialy po nauchno-tekhnicheskoi informatsii. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1966, 65 p.

Patents and technological policy. R. P. Veherashnii, I. D. Ivanov. *Vop. izobr.* no. 3:3-7 Mr '66.

Romanov, I. I. [Aid for workers in scientific and technical information services] V pomoshch' rabotnikam sluzhby nauchno-tekhnicheskoi informatsii. Minsk, Belarus', 1966, 97 p.

Seminar rabotnikov nauchno-tekhnicheskoi informatsii i propagandy. Moscow, 1966. [Problems of the organization and methodology of scientific and technical information and propaganda; according to materials of the Seminar of Workers of Scientific and Technical Information and Propaganda] Voprosy organizatsii i metodiki nauchno-tekhnicheskoi informatsii i propagandy; po materialam. Moskva, Gos. nauchno-tekhn. komitet, 1966, 433 p.

(NCC)

Technical information and mass-scale inventions. N. L. Denisova. *Vop. izobr.* no. 4:34-36 Ap '66.

TEHDZHEN REGION (TURKMENISTAN)—SOILS, SALTS

IN

Effect of physicochemical conditions on the sodium chloride diffusion in soils of the Tedzhen Oasis. M. K. Mel'nikova, Kh. Zamanmurad. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 2:35-42 '66.

TEEN-AGE see Adolescence

TEETH

Indication of the content of Sr^{90} in the human body by its accumulation in the teeth. E. I. Iartsev. *Med. rad.* 9 no. 4:36-41 Ap '64.

TEETH—AGING

Age determination in mammals by the structure of tooth cement. S. E. Kleinenberg, G. A. Klevezal'. *Zool. zhurn.* 45 no. 5:717-724 '66.

TEETH—DISEASES

Odessa. Nauchno-issledovatel'skii institut stomatologii. [Caries and paradontosis] Karies i paradontoz. Kiev, Zdorov'ia, 1965-66, 1 v.

(DNLM)

TELECOMMUNICATION

Dependence of the quality of the operation of shortwave communication lines on wave length and wave multiplicity. E. N. Konopleva, O. I. Sergeev. *Elektrosvyaz'* 20 no. 5:1-4 My '66.

Evaluation of the quantity of information required in the determination of some properties of a random signal with an unknown form. G. A. Levin, D. L. Zaitsev. *Elektrosvyaz'* 20 no. 5:5-9 My '66.

Mechanization of the fitting of the pieces of overhead communication lines. O. A. Kolenov. *Stroitel'stvo i energ.* no. 6:19-20 Je '65.

Method for increasing the interference rejection of data transmission in the presence of impulse noise and channel interruptions. L. R. Kiselev, A. A. Moshkov. *Elektrosvyaz'* 20 no. 5:29-34 My '66.

Problems of the construction of communication systems with pulse-code modulation. V. M. Shein. *Elektrosvyaz'* 20 no. 5:21-28 My '66.

Some characteristics of communication systems with multiple-frequency keying. M. P. Dolukhanov. *Izv. vys. ucheb. zav.; radioelektr.* 9 no. 2:163-168 Mr-Apr '66.

Statistical methods for the analysis of speech signals. S. P. Barontin. *Elektrosvyaz'* 20 no. 5:50-56 My '66.

Transformation of keying speeds in the transmission of discrete signals. V. E. Bukhviner. *Elektrosvyaz'* 20 no. 5:35-42 My '66.

TELECOMMUNICATION—EMPLOYEES

Mitina, S. I. [Calculation of the production personnel in the line systems of communication enterprises] *Raschet proizvodstvennogo shcheta v lineinom khoziaistve svyazi*. Moskva, Svyaz', 1966. 43 p. (Biblioteka "Ekonomika svyazi")

TELECOMMUNICATION—EXHIBITIONS

Dispatcher loud-speaker communication systems. M. Avramenko. Inform. biul. VDNKH no. 5:58-7 My '66.
New exhibits; modern apparatus for communication systems. Inform. biul. VDNKH no. 3:37 My '66.

TELEGRAPH

Distribution of the probabilities of the instantaneous values of a signal at the output of an FM voice-frequency carrier telegraphy system. L. I. Iaroslavskii, S. P. Vol'felin, V. A. Grebenikov. *Elektrosvyaz'* 20 no. 5:78-80 My '66.

TELEGRAPH—EQUIPMENT AND SUPPLIES

Instrument for telegraph operators. N. Moroz. *Tekh. i vooruzh.* 24 no. 1:18-19 Ja '66.

TELEMETERING

Sparkproof analog-to-digital telemetering apparatus for the petroleum production and petroleum refining industries. V. V. Mal'kov, Sh. M. Smotritskii. *Nefteper. i neftekhim.* no. 3:38-41 '66.

TELEPHONE

Norms on attenuation in the components of a telephone speech channel. L. E. Gel'dtsov, S. M. Sazonov. *Elektrosvyaz'* 20 no. 5:64-71 My '66.

Zisman, N. A., A. A. Khlots, and A. A. Shmidel'. [V-3-3 apparatus for multiplexing overhead communication lines; information manual] *Apparatura uploznenia vozdukhnykh lini V-3-3; informatsionnyi sbornik*. Moskva, Svyaz', 1966. 124 p. (Tekhnika svyazi)

TELEPHONE—EMPLOYEES see subdivision under Ulyanovsk

TELEPHONE LINES

Coil loading or amplifiers? A. A. Snarskii. *Avtom., telem. i svyaz'* 10 no. 4:33-34, 36 Ap '66.

How we service a long-distance cable. B. F. Temerov. *Avtom., telem. i svyaz'* 10 no. 4:31-33 Ap '66.

Regular and irregular effects in high-frequency cables. V. O. Shvartsman. *Elektrosvyaz'* 20 no. 5:43-49 My '66.

TELETYPE

Engineering fundamentals of an amateur teletype system. S. Bunimovich. *Radio* no. 12:18-21 D '65.

TELEVISION

A pioneer of Soviet television. M. Lukin. *Radio* no. 12: 17 D '65.

TELEVISION—ABSTRACTS

Abstracts. *Tekh. kino i telev.* no. 5:70-80 My '66.

TELEVISION—CURRENT SUPPLY

Power supply unit of a transistorized television receiver. D. Brilliantov, V. Sokolov. *Radio* no. 12:25-27 D '65.

TELEVISION—EQUIPMENT AND SUPPLIES

Television apparatus of the artificial satellites for cloud observation. S. P. Pivovarov, I. A. Rosselevich. *Tekh. kino i telev.* no. 5:7-17 My '66.

TELEVISION—RECEIVERS AND RECEPTION

Basikr, I. N., and V. F. Kostikov. [Automatic adjustments in television receivers] *Avtomaticheskoe regulirovaniye v televizorakh*. Moskva, Svyaz', 1966. 55 p. (Biblioteka "Televizionnyi priem," no. 27)

Composite audio channel. A. Pilalakian. *Radio* no. 12: 23-25 D '65.

Pitaklan, A. M. [Economic popular television receiver] *Ekonomichnyi iubitel'skii televizor*. Moskva, Energiya, 1966. 55 p. (Massovaya radio-biblioteka, no. 893)

Visiting with the group of industrial designers of a television set factory. O. Andreev. *Tekh. est.* no. 2: 12-14 F '65.

TELEVISION—SCIENTIFIC APPLICATIONS

Television observation of rotating objects. I. P. Zakharov, G. V. Griazin. *Tekh. kino i telev.* no. 5:48-50 My '66.

TELEVISION—TRANSMITTERS AND TRANSMISSION

Formation of the regeneration signals of the constant component. V. L. Khavkin. *Tekh. kino i telev.* no. 5: 51-56 My '66.

TELEVISION BROADCASTING OF NEWS

A reporter is a "ruler" of the television screen. A. Golovina. *Sov. poch.* no. 5:30-31 My '66.

TELEVISION CIRCUITS

Simplified horizontal sweep output stages. S. Sotnikov. *Radio* no. 4:23-26 Ap '66.

Vertical sweep circuit using MTKh-80 tubes. I. Akulini-chev. *Radio* no. 12:20 D '65.

TELEVISION IN EDUCATION

How to organize educational television broadcasts. I. I. Grigor'ev. *Sred. spets. obr.* 13 no. 4:20-24 Ap '66.

Organizing the television classes. V. B. Boverman. *Sred. spets. obr.* 13 no. 4:9-11 Ap '66.

TELEVISION MEASUREMENTS

Classification of photoelectric and television measurement methods. S. F. Korndorf, N. S. Muranova, E. I. A. Sarova. *Tekh. kino i telev.* no. 5:67-68 My '66.

Television luminance meter. K. I. Aitsenko. *Tekh. kino i telev.* no. 5:65-66 My '66.

TELEVISION PICTURE TUBES

High-frequency microphonic disturbance in image orthicons. I. K. Molokhov, O. I. Ridzon, P. R. Sinitsyn. *Tekh. kino i telev.* no. 5:56-59 My '66.

TELLURIDES see subdivision under Altai Mountains

TELLURITES

Artificial tellurate of lead. R. N. Zar'man. *Izv. AN Arm. SSR, Nauch. o zem.* 19 no. 1:2:163-165 '66.

Heat of formation of lead tellurite. M. A. Berchenko, A. I. Beliaev, Z. L. Leshchinskaya. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:34-38 '66.

TELLURIUM—ANALYSIS

Obtaining an analytical concentrate in the analysis of high purity tellurium. E. P. Shkrohot, M. G. Tarnan, A. A. Bliakhan. *Zav. lab.* 32 no. 1:18 '66.

TEMPERATURE—EFFECT ON ALLOYS see Alloys, Effect of temperature on

TEMPERATURE—EFFECT ON ALUMINUM-COPPER-LITHIUM ALLOYS see Aluminum-copper-lithium alloys, Effect of temperature on

TEMPERATURE—EFFECT ON ALUMINUM-ZINC ALLOYS see Aluminum-zinc alloys, Effect of temperature on

TEMPERATURE—EFFECT ON ASH (TECHNOLOGY) see Ash (Technology), Effect of temperature on

TEMPERATURE—EFFECT ON CALAMINE see Calamine, Effect of temperature on

TEMPERATURE—EFFECT ON COPPER see Copper, Effect of temperature on

TEMPERATURE—EFFECT ON DRAWING (METALWORK) see Drawing (Metalwork), Effect of temperature on

TEMPERATURE—EFFECT ON MERCURY see Mercury, Effect of temperature on

TEMPERATURE—EFFECT ON METALS see Metals, Effect of temperature on

TEMPERATURE—EFFECT ON PLANTS see Plants, Effect of temperature on

TEMPERATURE—EFFECT ON RUBBER, SYNTHETIC see Rubber, Synthetic, Effect of temperature on

TEMPERATURE—EFFECT ON SEEDS see Seeds, Effect of temperature on

TEMPERATURE—EFFECT ON STEEL INGOTS see Steel ingots, Effect of temperature on

TEMPERATURE—EFFECT ON TEXTILE FIBERS, SYNTHETIC see Textile fibers, Synthetic, Effect of temperature on

TEMPERATURE—EFFECT ON TITANIUM ALLOYS see Titanium alloys, Effect of temperature on

TEMPERATURE—PHYSIOLOGICAL EFFECT

Changes in intracellular cation concentration during the incubation of muscles at a low temperature. N. A. Vinogradova, S. I. Vastanin. *Tsitologiya* 6 no. 4:438-439 Ji-Ag '64.

Effect of short-lived heating of *Drosophila melanogaster* females carrying forked mutation on the expression of characters of this mutation in a number of succeeding generations. P. G. Sytlov, G. F. Korsakova. *Dokl. AN SSSR* 168 no. 1:191-194 My '66.

Effect of the temperature of the external environment on the reactivity of the skin. I. A. Troitskii, Z. A. Agapova. *Trudy VNIIVS* 16:296-304 '60.

Temperature balance in chum and pink salmon cultivation. A. N. Kandi'ev. *Rybn. khoz.* 42 no. 4:10-12 '66.

TEMPERATURE FIELDS

Temperature field of frozen finely dispersed rocks. N. S. Ivanov. *Geol. i geofiz.* no. 2:100-105 '66.

TEMPERATURE FIELDS—MEASUREMENT

Measuring the temperature field of thin objects. Z. F. Slezhenko. *Izv. vys. ucheb. zav.; prib.* 9 no. 2:119-122 '66.

TEMPERATURE SENSE

Some controversial problems concerning thermal reception. O. P. Minut-Sorokhina. *Fiziol. zhur.* 31 no. 2: 251-258 F '65.

TEMPERING

Effect of intermediate tempering on the properties of wire. I. N. Kidin and others. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 5:154-156 '66.

TENDONS

Significance of anatomical characteristics of tendinous bands, chiasms and peduncles of the hand and foot. A. M. Martirosian. *Klin. khir.* no. 7:63-66 '65.

TENSIMETERS

A more accurate formula of specific pressures between the brake shoe and the rim on mine hoists. V. I. Belobrov. *Izv. vys. ucheb. zav.; gor. zhur.* 9 no. 4:108-111 '66.

TENSIMETERS—WATERPROOFING

Waterproofing of wire extensometer pickups functioning in a concrete medium. I. B. Vladimirovskii, Z. N. Shul'man. *Bet. i zhut. bet.* 12 no. 3:29 Mr '66.

TENSIMETRY

Use of tensimetry in testing piston compressors and piston pneumatic engines. V. I. Kisilev, V. V. Alekseyev. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 5:113-115 My '66.

TENT CATERPILLARS

Effect of feeding habits on the development, growth and fecundity of *Malacosoma neustria*. I. M. Romanenko. *Dop. AN URSSR* no. 4:545-547 '66.

TENT CATERPILLARS—PARASITES see Parasites—Tent caterpillars

TERBIUM CHLORIDE

Interaction of europium (III) and terbium chlorides with sodium and potassium chlorides. B. G. Korshunov and others. *Zhur. neorg. khim.* 11 no. 5:1013-1017 My '66.

TERENIN, ALEKSANDR NIKOLAEVICH, 1896-

A. N. Terenin; on his seventieth birthday. *Izv. AN SSSR, Ser. khim.* no. 5:785 '66.

TERNOPOL' PROVINCE—RETAIL TRADE

On guard of the consumers' interests. N. Tuka. *Sov. potreb. koop.* 10 no. 5:9 My '66.

TERRACES (GEOLOGY) see subdivision under Dolgor Valley

TERRACES (GEOLOGY)—MAPS

Considering the characteristics of the relief of terraces in geological mapping. S. V. Litunau. *Izv. vys. ucheb. zav. geol. i razv.* 9 no. 3:155-156 Mr '66.

TERRACING see subdivision under Caucasus

TERRAMYCIN

Change in the quantity of protein and protein fractions of sheep serum under the effect of oxytetracycline. A. S. Vil'chinskaya. *Uch. zap. Viteb. vet. inst.* 18:259-265 '64.

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TERRORISM

"Red" terrorism of the members of the "Narodnaya volia" group. A. N. Sakharov. *Vop. ist.* 41 no. 5:122-129 My '66.

TERSKEI ALATAU—METEOROLOGY—OBSERVATIONS

Akademiya nauk Kirgizskoi SSR, Frunze. *Tian' shanskai vysokogornaya fiziko-geograficheskaya stantsiya. [Tien Shan (Terkey Ala-Too); meteorology] Tian'-Shan' (Terkey Ala-Too); meteorologiya*. Moskva. No. 6. 1964. 125 p. (Ist. Materialy glavitologicheskikh issledovaniy)

TERTER VALLEY—GEOLOGY, STRUCTURAL

Veined complex of the Daidag ore zone. M. M. Mamadov. *Izv. AN Azerb. SSR, Ser. geol. -geog. nauk* no. 6:43-49 '65.

TERTER VALLEY—ORE DEPOSITS

Vent facies of the Mio-Pliocene volcanism in the upper Terter basin (Lesser Caucasus). E. Sh. Shikhalbelli, G. I. Alakherdiev. *Izv. AN Azerb. SSR, Ser. geol. -geog. nauk* no. 4:26-34 '65.

TERTER VALLEY—VOLCANOES

Vent facies of the Mio-Pliocene volcanism in the upper Terter basin (Lesser Caucasus). E. Sh. Shikhalbelli, G. I. Alakherdiev. *Izv. AN Azerb. SSR, Ser. geol. -geog. nauk* no. 4:26-34 '65.

TESTI, FLAVIO, 1923-

Visiting us. *Sov. muz.* 30 no. 4:136 Ap '66.

TESTICLE—TUMORS

Implantation metastases in the cardiac valves. L. L. Likht. Arkh. pat. 28 no. 3:74-75 '66.

TESTING LABORATORIES

[The chemical laboratory is the leading shop of the factory] Khimicheskaya laboratoriya - vedushchii tsokh predpriyatiya. [Moskva] Mosk. rabochii, 1965. 122 p.

TESTING MACHINES

Attachment to an IP-4M machine for studying creep in compression. V. P. Daldin, V. V. Oksistok. Zav. lab. 32 no. 1:104-105 '66.

Machine with programmed loading for creep testing of materials in a complex stresses state. L. V. Prodanina, I. V. Tsepke. Zav. lab. 32 no. 1:102-104 '66.

Recording of the deformation and heating of specimens in overstress testing with NU-machines. L. N. Molchanov. Zav. lab. 32 no. 1:108-109 '66.

Thermal testing chamber to study the parameters of ferromagnetic and dielectric materials at high temperatures. A. F. Kugayevskii, N. I. Chizman. Zav. lab. 32 no. 1:115-116 '66.

Unit for complex study of the thermophysical properties of polymeric materials. I. I. Chernobyl'skii and others. Khim. mashinost. no. 2:115-118 '65.

Use of the resonance principle in loading to produce a complex stressed state. G. V. Shepkin. Zav. lab. 32 no. 1:107-108 '66.

TESTOSTERONE—PHYSIOLOGICAL EFFECT

Heterosexual and anabolic properties of metandrostenolone in experiments on female rats. B. V. Pokrovskii. Probl. endok. i gorm. 12 no. 3:112-116 My-Je '66.

TETANUS

Change in the channel capacity of the spinal efferent pathway in tetanus intoxication. G. N. Kryzhanovskii, M. V. D'lanonova. Biul. eksp. biol. i med. 58 no. 9:12-17 S '64.

TETRACAIN

Microcrystalline reactions to tetracaine and their use in the study of medicinal mixtures. D. I. Rohov'skiy, Farmatsev. zhur. 21 no. 2:34-37 '66.

TETRACYCLINE

Antibiotics of the tetracycline series in calciphylaxis. P. Malek, V. Zastava, J. Kolc. Antibiotiki 11 no. 4: 343-347 Ap '66.

Regulation of the absorption of tetracycline in its experimental introduction jointly with glucosamine. V. P. Sobolev, L. S. Molochayeva, N. E. Nikolaeva. Antibiotiki 11 no. 4:373-376 Ap '66.

Study of accompanying substances contained in commercial tetracycline preparations. Isolation and identification of acetyldiacetate and tetracycline. V. I. Frolova, A. D. Kuzovkov, G. S. Rozenfeld. Antibiotiki 11 no. 4:288-302 Ap '66.

TETRACYCLINE—PHYSIOLOGICAL EFFECT

Effect of tetracycline on Sechenov's inhibition. N. N. Aleutskii. Farm. i toks. 29 no. 2:131-133 Mr-Ap '66.

TETRAHEDRA

Tetrahydro-forming cross sections of the system Li-Na-Ca. P. Cl. V. A. Gladushchenko, M. A. Zakharchenko. Zhur. neorg. khim. 11 no. 4:616-619 Ap '66.

TETRALOXY OF FALLOT

Late results of palliative operations in tetraloxy of Fallo. Ch. TS. Dragochev. Girud. khir. 8 no. 2:32-35 Mr-Ap '66.

TEXTBOOKS

Botvinnik, M. B. [Origins of the textbook] U istokov knigi. Minus, Vysshaya shkola, 1964. 85 p.

Good textbooks for students. V. Grigor'ev. Nar. obr. no. 5:111-112 My '66.

TEXTILE FABRICS

Assortment of shirt fabrics. O. I. Bogacheva. Tekst. prom. 26 no. 5:42-44 My '66.

Unwoven textile materials. O. Panosian. Prom. Arm. 9 no. 2:37 F '66.

TEXTILE FABRICS—TESTING

Changes in the geometry of fabrics under single-cycle loads applied in various directions. T. A. Modestova. Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 2:14-18 '66.

Evaluation of yarn fatigue by the residual cyclic deformation. G. A. Isaakaitis, A. Piktis. Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 2:20-24 '66.

Relative strength of textile materials. A. N. Solov'ev. Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 2:166-167 '66.

TEXTILE FACTORIES

[Design of cotton spinning factories] Proektirovaniye khlopokopradi'nykh fabrik. [By] A. V. Terushinov i dr. Moskva, Legkaya industriya, 1965. 564 p. fold. diagr. (insert)

TEXTILE FACTORIES—EQUIPMENT AND SUPPLIES

Vacuum system for the pouring of aggressive liquids. B. S. Kruglov. Tekst. prom. 26 no. 5:77 My '66.

TEXTILE FACTORIES—HEATING AND VENTILATION

Testing the performance of gravel filters in the work with textile dust. N. D. Khomutskii, N. V. Bulayeva, N. F. Makarova. Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 2: 32-36 '66.

TEXTILE FACTORIES—LIGHTING

Industrial aesthetics and artificial lighting of factories. S. M. Lirlsman, M. Kh. Teif, E. I. Margolis. Tekst. prom. 26 no. 5:34-38 My '66.

TEXTILE FACTORIES—MAINTENANCE AND REPAIR

Centralization of repair work in factories. A. E. Fattelson. Khim. volok. no. 3:66-69 '66.

TEXTILE FIBERS—SPECTRA

Application of a certain integral transformation in the analysis of fiber spectra. D. A. Samorukova. Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 2:76-81 '66.

TEXTILE FIBERS, SYNTHETIC

(see also subdivision under Krovakan)

Adhesion of impregnation rubber compositions to fabrics and cord made from synthetic fibers. S. S. Volutskiy, N. L. Garetskaya. Kauch. i rez. 25 no. 5:27-32 '66.

Aizenshteyn, E. M., and O. R. Kuplinskii. [Production of polyester fibers] Proizvodstvo polifil'nykh volokon. Moskva, Vysshaya shkola, 1965. 94 p.

Alkali-soluble textile fibers based on the chemical modification of cellulose. I. N. Ermolenko and others. Prom. Bel. 9 no. 1:46-47 Ja '66.

Bork, A. G., and I. M. Agafonov. [We are introducing advanced technology] Vnedraeniye peredovuyu tekhnologii. [Moskva] Moskovskii rabochii, 1965. 73 p.

Interrelation of the parameters of knit goods loop structure in unidimensional stretching. L. P. Ignatova. Tekst. prom. 26 no. 5:67-71 My '66.

Ion-exchange membranes reinforced by synthetic fabrics and nets. A. R. Pashkov, E. I. Semenova. Plast. massy no. 5:50-51 '66.

Microunit for determining the fiber-forming capacity of new polymers. L. N. Korzhavin and others. Zhur. prikl. khim. 38 no. 8:1694-1696 Ag '65.

New fiber-forming polymers. M. M. Kolton. Khim. volok. no. 3:3-10 '66.

Production methods of synthetic staple fibers. L. M. Zeldin, O. V. Ponomarev. Khim. volok. no. 3:32-34 '66.

TEXTILE FIBERS, SYNTHETIC—ABSTRACTS

Abstracts. Khim. volok. no. 3:72-76 '66.

TEXTILE FIBERS, SYNTHETIC—ANALYSIS

Use of the FFK-56 photoelectrocolorimeter in determining oiling agent content of fibers. Z. D. Tul'guk, A. M. Gol'tsev. Khim. volok. no. 3:65-66 '66.

TEXTILE FIBERS, SYNTHETIC—DYES AND DYEING

Research in the field of the dyeing of polyacrylonitrile fibers with cationic dyes. A. A. Kharkharov, G. S. Saribekov. Tekst. prom. 26 no. 5:74-76 My '66.

TEXTILE FIBERS, SYNTHETIC—ELASTIC PROPERTIES

Acoustic method of studying the molecular orientation of fibers. M. P. Nosov, S. G. Oshtin. Vysokom. soed. 8 no. 5:820-833 My '66.

TEXTILE FIBERS, SYNTHETIC—TESTING

Photoelectric apparatus for studying thickness nonuniformity of nylon monofilaments. N. M. Rudnyi, A. P. Klimenko. Khim. mashinost. no. 2:184-189 '65.

TEXTILE FIBERS, SYNTHETIC, EFFECT OF TEMPERATURE ON

Effect of the thickness of polypropylene fibers on the temperature of brittleness. T. F. Kostina, M. P. Zverev. Khim. volok. no. 3:11 '66.

TEXTILE INDUSTRY

(see also subdivision under Kalinin; Transcaucasia; Transcaucasian Economic Region)

Efficiency of the use of individual protection devices against noise in the weaving rooms. M. I. Krasil'shchikov, V. G. Pushkarskii. Tekst. prom. 26 no. 5:32-34 My '66.

Organization of planned work on the base of network planning charts. L. A. Matzlin. Tekst. prom. 26 no. 5:39-42 My '66.

TEXTILE INDUSTRY—GOVERNMENT OWNERSHIP see subdivision under Vladimir Government

TEXTILE INDUSTRY—HYGIENIC ASPECTS

Advice of medical personnel to women spinners and weavers. A. Pasternak. Okhr. truda i sots. strakh. 8 no. 3: 26-27 Mr '65.

TEXTILE INDUSTRY—LABOR PRODUCTIVITY

For an increase of labor productivity by all means. I. P. Volkov. Tekst. prom. 26 no. 5:8-12 My '66.

Increasing labor productivity. R. F. Kopylov. Tekst. prom. 26 no. 5:5-8 My '66.

Striving for high labor productivity. Tekst. prom. 26 no. 5:1-4 My '66.

Technological progress and labor productivity. M. E. Vilenskii. Tekst. prom. 26 no. 5:19-22 My '66.

TEXTILE INDUSTRY—MANAGEMENT

Continuous work regime in the textile industry and workers' leisure time. L. S. Kolobov. Izv. SO AN SSSR no. 5. Ser. obshchestv. nauk no. 2:52-57 '64.

TEXTILE INDUSTRY—MECHANIZATION see subdivision under Tashkent

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Kalinin Province

TEXTILE MACHINERY

Badalova, E. I., ed. [Technology of textile glass fibers; their production and processing] Tekhnologiya tekstil'nogo steklovlokn; polucheniye i pererabotka. [By] V. K. Razumovskii i dr. Moskva, Khimika, 1966. 326 p.

Bork, A. G., and I. M. Agafonov. [We are introducing advanced technology] Vnedraeniye peredovuyu tekhnologii. [Moskva] Moskovskii rabochii, 1965. 73 p.

Gladkov, K. M., ed. [Technology of the manufacture of textile machinery] Tekhnologiya tekstil'nogo mashinostroeniya. [By] K. M. Gladkov i dr. Moskva, Mashinostroenie, 1966. 439 p.

Innovators came to their assistance. S. Kilbanov. Okhr. truda i sots. strakh. 8 no. 3:39 Mr '65.

Mechanical inserting of towels. S. Suslov. Okhr. truda i sots. strakh. 8 no. 3:38 Mr '65.

Shifting of the layer of scutching wastes on the TG-135-I machine. IU. N. Tarunin. Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 2:43-48 '66.

TEXTILE MACHINERY—ELECTRIC DRIVING

Transient processes in the braking of d. c. double-motor electric driving in the continuous production lines of the textile industry. G. G. Kovalov. Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 2:126-133 '66.

TEXTILE MACHINERY INDUSTRY—MANAGEMENT

Letonko, V. A., and L. A. Radushinskii. [Organization and planning for production in plants manufacturing textile machinery] Organizatsiya i planirovaniye proizvodstva na zavodakh tekstil'nogo mashinostroeniya. Moskva, Mashinostroenie, 1966. 471 p.

TEXTILE WORKERS

Mathematical method of analysis of the work of multiple machine operators. E. A. Sterlin. Tekst. prom. 26 no. 5:25-30 My '66.

THAILAND—ETHNOLOGY

History of the forming of the present-day ethnic composition of the population of Thailand. E. V. Ivanova. Strany i nar. Vost. no. 4:25-38 '65.

THALASSEMIA

(see also subdivision under Asia, Central)

Clinical aspects of thalassemia. A. V. Svidashch. Probl. gemat. i perel. krovi 11 no. 1:48-49 Ja '66.

Family with thalassemia in the middle zone of the U. S. S. R. L. I. Kall'son, A. S. T'sirkina, E. N. Meshine. Probl. gemat. i perel. krovi 11 no. 1:45-47 Ja '66.

THALLIUM—ANALYSIS

Extraction-spectrophotometric method for the determination of thallium. A. P. Kreshkov, L. P. Senetskaia, A. M. Karagodin. Zhur. anal. khim. 21 no. 4:415-418 '66.

Separation and determination of valence forms of thallium in chloride-sulfate solutions by extraction by tributylphosphate. I. A. Kuzin, L. K. Chuchalin, B. S. Khristoforov. Metod. izuch. veshch. sost. i ikh prim. no. 1:122-129 '65.

THALLIUM ISOTOPES—THERAPEUTIC USE

Course of aseptic inflammation of the cornea under the effect of beta particles of radioactive thallium (Tl^{204}); experimental study. S. D. Daniluk. Med. rad. 9 no. 4:41-46 Ap '64.

THALLIUM TELLURIDE—ELECTRIC PROPERTIES

Electric properties of Tl_2Te . F. I. Akhmedova, L. E. Piragaa. Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 2:167 '66.

THAR DESERT—SOIL MOISTURE

New data on water balance of soils in the Thar Desert, northwestern India. E. N. Diagovshchenskii. Dokl. AN Tadzh. SSR 9 no. 4:32-37 '66.

THEATER

(see also subdivision under Adyge Autonomous Province; Astrakhan; Genua; Georgia; Kazakhstan; Khabarovsk; Komit A. S. S. R.; Kuban; Leningrad; Moscow; Pskov; Uzbekistan)

Friendship is there where truth is. VI. Pimenov. Teatr 25 no. 9:107-116 S '64.

Notes of a retired prompter. N. S. Teatr 25 no. 9: 92-96 S '64.

THEATER (Continued)

Shifrin, N.A. [The artist in the theater] Khudozhnik v teatre. Leningrad, Khudozhnik RSFSR, 1964. 109 p. (NIC)

Staff of the theaters of our country. Teatr 25 no.9: 167-192 S '64.

THEATER—MUSEUMS AND COLLECTIONS see subdivision under Vinits

THEATER—SOCIETIES, ETC.

In the presidium of the Council of the All-Russian Theater Association. L.Sergeev. Teatr 25 no.9:82-83 S '64.

THEATERS see subdivision under Leningrad; Stratford-on-Avon, England

THEATERS—STAGE SETTING AND SCENERY

(see also subdivision under Estonia)

[The artist and the stage] Khudozhnik i stsena; sbornik statei. Moskva, Iskustvo, 1964. 110 p. illus. (Reportuar khudozhestvennoi samodelatel'nosti) (WU)

Shifrin, N.A. [The artist in the theater] Khudozhnik v teatre. Leningrad, Khudozhnik RSFSR, 1964. 109 p. (NIC)

THEATERS—STAGE SETTING AND SCENERY—EXHIBITIONS

Three approaches. V.Berezkin. Teatr 25 no.9:84-86 S '64.

THEILERIASIS

(see also subdivision under Kzyl-Orda)

Non-specific therapy for theileriasis. I.M.Shul'man. Veterinariia 43 no.3:40 My '66.

Results of theileriasis control. S.A.Petrovskan. Veterinariia 43 no.5:40-41 My '66.

Serological diagnosis of theileriasis. M.I.Tutushin. Veterinariia 43 no.3:37-38 My '66.

THEINARDITE see subdivision under Crimea

THEOBROMINE

Syntheses of purine derivatives. Part 12: 8-(β -chloroethyl) theobromine and its derivatives. Mohammed Ebed, E.S.Chaman, E.S.Golovchinskaya. Zhur.ob.khim. 36 no.5:810-818 My '66.

THEORY OF GROUPS see Groups, Theory of

THEORY OF KNOWLEDGE see Knowledge, Theory of

THEORY OF NUMBERS see Numbers, Theory of

THEORY OF POTENTIAL see Potential, Theory of

THEORY OF SIMILITUDE see Similitude, Theory of

THEORY OF STABILITY OF MOTION see Stability of motion, Theory of

THEORY OF STRUCTURES see Structures, Theory of

THERAPEUTICS

Results of conservative treatment of uterine fibromyoma. L.IA.Davydov. Sov.med. 28 no.9:103-106 S '64.

Some problems concerning the clinical aspects, diagnosis and treatment of salmonellosis. V.I.Rabinovich, E.A.Revzina. Zhur.mikrobiol., epid.i immun. 41 no.8:31-35 Ag '64.

Treatment of arrhythmias. I.A.Chernogorov. Kardiologiia 4 no.2:3-8 Mr-Ap '64.

Zlugzda, Alfredas, Jonas Bakaya, and Kostas Labanauskas. [Principles of general therapy] Bendrosios terapijos pagrindas. Vilnius, Minti, 1966. 320 p. [In Lithuanian] (DNLM)

THERAPEUTICS, PHYSIOLOGICAL

Problems of health resort therapy at the Plenum of the Board of the All-Union Society of Dermatologists. V.Sukharev. Vop.kur., fizioter.i lech.fiz.kul't 20 no.5:475-477 S-O '64.

THERMAL ANALYSIS

Differential thermal analysis method of studying the heat resistance of some new polybenzimidazoles containing O, P, B, atoms in chains and also mixed polyamido- and polyetherbenzimidazoles. V.V.Korshak and others. Vysokom.sped. 8 no.5:777-782 My '66.

Interaction of nitrate crystal hydrates of a series of elements. M.V.Mokhosov, T.T.Gol'manova. Zhur.neorg.khim. 11 no.4:864-869 Ap '66.

System K - KOH, E.M.Mitkevich, L.S.Grol. Zhur.neorg.khim. 11 no.4:802-805 Ap '66.

Systems NbCl - Rb (Cs) Cl, V.V.Safonov, B.G.Korshunov, T.N.Zimina. Zhur.neorg.khim. 11 no.4:806-809 Ap '66.

Thermal analysis of alloys in the system NbCl₃ - NaCl - KCl. V.V.Safonov, B.G.Korshunov, T.N.Zimina. Izv.vys.ucheb.zav.; tsvet.met. 9 no.2:82-85 '66.

Thermal decomposition of aluminum, scandium, yttrium, and thorium ferrocyanides. G.H.Seifer, Z.A.Makarova. Zhur.neorg.khim. 11 no.5:1056-1062 My '66.

Thermal decomposition of coprecipitated magnesium and iron (III) hydroxides. T.P.Karntseva, V.V.Sviridov. Zhur.neorg.khim. 11 no.4:890-897 Ap '66.

Thermographic determination of the thermal effects of polymorphic transformations. L.G.Berg, T.E.Iasni-kova. Zhur.neorg.khim. 11 no.4:866-869 Ap '66.

Thermographic study of the system sodium borohydride - sodium hydride. D.S.Stasinovich, G.A.Egorenko, G.N.Gnedina. Dokl.AN SSSR 168 no.3:610-612 My '66.

THERMAL PETROLEUM PRODUCTION see Petroleum production, Thermal

THERMAL STRESSES

Some problems in the thermomechanics of reinforced polymers. A.M.Studra, V.P.Antans. Prikl.mekh. 2 no.5:95-101 '66.

Temporary temperature deformations during electric slag welding. V.A.Vinokurov. Avtom.svar. 19 no.4:18-21 Ap '66.

Thermal stresses in an orthotropic plate. O.Kamardinov. Vost.AN Kazakh, SSR 22 no.4:69-74 Ap '66.

THERMAL WATERS see subdivision under Amur Valley

THERMIONIC EMISSION

Thermionic emission from CeC₂. I.U.B.Paderno and others. Zhur.tekh.fiz. 35 no.10:1860-1862 O '66.

THERMISTORS

Methods for standardizing the use of thermistors in differential networks. M.A.Kaganov. Sbor.trud.po agron.fiz. no.12:168-175 '66.

Permissible parameter tolerance in the interchangeability of thermistor stages. M.A.Kaganov, B.M.Shtimovich. Sbor.trud.po agron.fiz. no.12:176-180 '66.

Thermoresistors with positive temperature resistance coefficient. G.N.Tekater-Proskariakova, I.T.Sheftei. Radiotekh.i elektron. 11 no.5:907-915 My '66.

Use of a calculating network in the high-speed determination of the parameters of interchangeability of thermistors. I.V.Korobochkin, B.M.Shtimovich. Sbor.trud.po agron.fiz. no.12:181-188 '66.

THERMIT WELDING

Sheplev, V.N. [Thermit rail welding] Terminala svar-ka rel'sov. Moskva, Transport, 1966. 55 p.

THERMOCHEMISTRY

Kinetics of the thermal decomposition of monogermene. G.G.Deviatykh, I.A.Frolov. Zhur.neorg.khim. 11 no.4:708-713 Ap '66.

Particular features of the thermal decomposition of NiSO₄ · (NH₄)₂ SO₄. G.A.Lazerkov, L.P.Mordvintseva. Khim.fiz. 7 no.2:326 Mr-Ap '66.

Thermal decomposition of tricyclohexylsilane and tricyclohexylgermane. G.G.Petukhov, S.S.Svirzheva, O.N.Druzhkov. Zhur.ob.khim. 36 no.5:914-916 My '66.

Thermochemical analysis of the solvation of the nitrates of alkali and alkaline earth metals in alcohol-water solutions. G.A.Krestov, V.I.Klopov. Izv.vys.ucheb.zav.; khim.i khim.tekh. 9 no.1:34-39 '66.

Thermochemical apparatus. G.M.Veksler, I.U.M.Vinogradov, N.M.Samsonov. Khim.i nefr.mashinostr. no.5: 18-24 My '66.

Thermochemical study of some free radicals and respective hydrides. I.U.A.Lobedev and others. Dokl.AN SSSR 168 no.1:104-105 My '66.

Thermochemistry of some organophosphorus compounds. A.V.Nikolaev, I.U.A.Afanasyev, A.D.Sarostin. Dokl.AN SSSR 168 no.2:351-353 My '66.

Thermodynamic characteristics of ionic crystal dissolution. K.B.Iatekimirskii. Zhur.neorg.khim. 11 no.4: 693-698 Ap '66.

Thermodynamics of the sodium-reduction process of titanium tetrachloride in molten sodium chloride. S.V.Aleksandrovskii, V.M.Gus'kov. Izv.vys.ucheb.zav.; tsvet.met. 9 no.2:55-61 '66.

Thermomechanical study of polymetalorganosiloxanes containing bivalent metals. K.A.Andrianov and others. Vysokom.sped. 8 no.5:898-902 My '66.

THERMOCOUPLES

Changes in the temperature of the metal in the ladle during pouring operations. A.G.Lifshits, F.P.Ednoral. Stal' 26 no.5:425-428 My '66.

Electric insulation tube made of boron carbonitride for the protection of metallic thermocouples. T.V.Dubovik, L.I.Struk. Porosh.mat. 6 no.5:107-110 My '66.

Temperature conditions during the operation of rolls in the 1700 four-high cold rolling mills. A.V.Grachev and others. Stal' 26 no.5:437-440 My '66.

THERMODYNAMICS

Calculating adiabatic processes at a variable heat capacity. N.I.Korabel'shchikov. Izv.vys.ucheb.zav.; mashinostr. no.2:88-92 '66.

Exergy of substance flux in case of changing parameters of the surrounding medium. V.M.Brodianskii, N.V.Kalinin. Inzh.-fiz.zhur. 10 no.5:596-599 My '66.

Processing of an indicator diagram using the 'Ural-2' digital computer. A.A.Shebekin, V.M.Pentsov. Energomashinostr. 12 no.4:38-40 Ap '66.

Statistical evaluation of excess free energy of small objects in the thermodynamics of microheterogeneous systems. L.M.Shecherbakov. Dokl.AN SSSR 168 no.2:388-391 My '66.

Tolpygo, K.B. [Thermodynamics and statistical physics] Termodinamika i statisticheskaya fizika. [Kiev] Izd-vo Kievskogo univ., 1966. 363 p.

THERMOMAGNETISM

Galvanomagnetic and thermomagnetic effects in deformed n-Ge. V.S.L'vov. Fiz.tver.tela 8 no.5:1351-1364 My '66.

Hall effect and Nernst - Etingshausen effect in ferrites with surplus iron ions. E.P.Svirina, O.A.Mat'kova, M.A.Malikova. Fiz.tver.tela 8 no.5:1599-1601 My '66.

Thermomagnetic effects in deformed n-Ge. V.S.L'vov, T.V.Smirnova. Fiz.tver.tela 8 no.5:1617-1620 My '66.

Use of the thermomagnetic effects of Nernst - Etingshausen as an indicator of the scattering mechanism. M.I.Danov. Fiz.tver.tela 8 no.5:1574-1576 My '66.

THERMOMETERS

Dilatometric temperature indicator with a watch-type dial. V.A.Chernikov. Prihorostroenie no.5:20 My '66.

THERMOMETRY

Analyzing the sources of errors in temperature measurement in a flow, and methods for their accounting and elimination. Z.IA.Kozanevich. Khim.mashinostr. no.2:162-169 '66.

Current collector for measuring the temperature of rotating parts of marine turbines. V.M.Dazuk and others. Sudostroenie no.9:33-35 S '66.

Determining the temperature of boiling of concentrated grape juice. G.N.Gasluk, M.I.Zelenskaya. Kons.i cv.prom. 21 no.5:19-21 My '66.

Gordov, A.N. [Temperature scales] Temperaturnye shkaly. Moskva, Izd-vo Standartov, 1966. 46 p.

Twenty-apot unit for measuring friction temperatures of polymer materials. L.M.Davidchitskii, A.T.Filina, E.P.Oleshkevich. Prom.Bel. 9 no.1:54-55 Ja '66.

THERMOPLASTICS

Experimental check of the hydrodynamic theory of calendaring. K.S.Malenko. Khim.mashinostr. no.2: 33-43 '66.

THERMOPLASTICS—COOLING

Analyzing the cooling process of goods manufactured from polymeric materials. I.U.E.Lukach. Khim.mashinostr. no.2:100-104 '66.

THIA-AZABICYCLOHEPTANECARBOXYLIC ACID—PHYSIOLOGICAL EFFECT

Comparative cytochemical study of penicillin, its prolonged-action preparations and oxacillin on tissue culture cells. E.G.Shecherbakova. Antibiotki 11 no.4: 337-343 Ap '66.

THIA DIAZINE—THERAPEUTICS USE

Treatment of hypertension with thiazide and possibilities of its prolonged use. B.R.Rubanovskii. Sov.med. 28 no.9:20-30 S '64.

THIAZINONE

Synthesis and properties of 3-alkyl-2-thio-4-thiazanone. B.S.Zimenkivskiy. Farmatsevt. zhur. 21 no.2:11-14 '66.

THICKNESS MEASUREMENT

Investigating the variation in thickness of two-layer sheet made by pack rolling. D.I.Pirtozov and others. Sbor.trud.TSMICHM no.42:85-91 '66.

Reducing the variation of pipe wall thickness on the '406' IUT3 pipe rolling mill. V.IA.Osachii and others. Trudy MEI no.61 pt.2:31-36 '66.

THIN LAYER CHROMATOGRAPHY

Chromatography of 10-substitutes of phenothiazine on an unfasted thin layer of aluminum oxide. T.I.Bulenkova. Farmatsevt. zhur. 19 no.2:32-34 '64.

Thin-layer chromatography of cyclic ketone peroxides. M.M.Buzlanova and others. Zhur.anal.khim. 21 no.4:506-509 '66.

THIOCARBONATES

Colorimetric determination of thiocarbonates in viscose. R.A.Khurgina. Khim.volok. no.3:44-45 '66.

THIOCYANATES

Formation of zirconium and hafnium thiocyanates in aqueous solution. A.M.Golub, V.N.Sergun'kin. Zhur.neorg.khim. 11 no.4:770-774 Ap '66.

THIOCYANATES (Continued)

Spectrophotometric study of chloroform solutions of the diantipyrylthiourea thiocyanate complex of iron (III). A. K. Babko, M. M. Tananaiko. *Zhur. neorg. khim.* 11 no. 4:827-834 Ap '66.

THIOLIGNIN—ANALYSIS

Keto-enol tautomerism and the acid characteristics of thiolignin. E. D. Gelfand, B. D. Bogomolov. *Bum. prom.* no. 5:3-4 My '66.

THIOPENTAL

Change in the motility of the rumen in sheep when using thiopental sodium anesthesia. L. P. Viduta, V. N. Kyatovskii. *Vest. sel'khoz. nauch. [Kazakh.]* 9 no. 4: 89-93 Ap '66.

THIOPHENE

Deuterium exchange of thiophene and its derivatives. A. I. Shatenshtein and others. *Dokl. AN SSSR* 168 no. 2: 364-367 My '66.

Synthesis and some transformations of sulfides of the thiophene series. Report No. 9; Complex-forming compounds from substituted 5-mercapto-2-alkylthiophene. I. A. L. Gol'dfarb and others. *Izv. AN SSSR, Ser. khim.* no. 5:897-902 '66.

THIOPHENE—TOXICOLOGY

Experimental analysis of permissible limit concentrations of furan and thiophene in the water of reservoirs. V. I. Rubets. *Sau. okhr. vod. ot zagr. prom. stoich. vod.* no. 7: 219-231 '65.

THIRST

Study of thirst excitability in rats. E. B. Berklin. *Fiziol. zhur.* 50 no. 9:1177-1181 S '64.

THORACIC ARTERY—SURGERY

Carotid-vertebral angiography by the catheterization of the internal thoracic artery. V. M. Igrumov, A. G. Zhigalin, V. I. Gella. *Vop. neirokhir.* 30 no. 2:25-27 Mr-Apr '66.

THORITE see subdivision under Soviet Central Asia

THORIUM COMPOUNDS

Stability of citrate, trihydroxyglutarate, tartrate, and malate compounds of thorium. V. K. Zolotarev, O. L. Khuchkavskaya. *Zhur. neorg. khim.* 11 no. 5:1225-1226 My '66.

THORIUM NITRATES—SPECTRA

Infrared spectra of thorium nitrate pentahydrate and products of its vacuum dehydration. V. M. Vdovenko, V. P. Stashevich, D. N. Suglov. *Radiochimia* 8 no. 2: 231-238 '66.

THREAD—TESTING

Investigating the steady motion of an elastic thread. V. I. Gabriak. *Izv. vyz. ucheb. zav.; mashinostr.* no. 3:16-21 '66.

THROMBELASTOGRAPHY

Thrombelastographic examination of patients with varices and thrombophlebitis of the lower extremities. B. G. Dekster. *Vest. khir.* 98 no. 4:67-73 Ap '66.

THROMBOPHLEBITIS

Early surgical treatment of anorectal thrombophlebitis. V. R. Kovalenko. *Khir. khir.* no. 7:50-63 '66.

Thrombelastographic examination of patients with varices and thrombophlebitis of the lower extremities. B. G. Dekster. *Vest. khir.* 98 no. 4:67-73 Ap '66.

THROMBOSIS

Prevention of experimental thrombosis in splenectomized animals by intravenous introduction of fibrinolytic with heparin. B. A. Kudrashov, G. V. Andronenko, V. E. Pastoreva. *Biul. eksp. biol. i med.* 50 no. 9:30-41 S '64.

Use of fibrinolytic in thrombosis and its effect on some indices of the blood coagulation system; preliminary report. V. L. Rylak. *Probl. gemat. i poret. krovi* 11 no. 4:56-60 Ap '66.

THYMELAEACEAE

Pollen grains of Thymelaeaceae and Gonystylaceae. D. B. Arkhangelskii. *Bot. zhur.* 51 no. 4:404-404 Ap '66.

THYMUS GLAND

Physiology of the thymus gland and its connection with other endocrine glands. S. G. Cherdyn'tsev. *Uch. zap. TGU* 21:125-129 '64.

THYMUS GLAND—SURGERY

Method of thymectomy in rabbits. S. G. Cherdyn'tsev. *Uch. zap. TGU* 21:120-124 '64.

THYROID GLAND

Changes in the ultrastructure of the thyroid gland in connection with its function. S. I. Kharlampovich, V. A. Galtaev. *Vest. AMN SSSR* 21 no. 5:48-52 '66.

Radioactive iodine in the evaluation of the functional state of the thyroid gland in lactating women. B. L. Gurtsoi. *Probl. endok. i gorm.* 10 no. 2:14-18 Mr-Apr '64.

Unmasking the effect exerted by sympathetic impulses on the thyroid gland. B. V. Alekhin, L. A. Us. *Biul. eksp. biol. i med.* 58 no. 5:26-30 S '64.

Use of pregnant mare's blood to stimulate the fattening of animals and the effect of pregnant mare's serum on the thyroid gland of castrated guinea pigs. G. A. Cheremisi-nov. *Veterinaria* 43 no. 5:62-65 My '62.

THYROID GLAND—CANCER

Case of combined tuberculosis and cancer of the thyroid gland. V. B. Zaitavants. *Probl. endok. i gorm.* 10 no. 2:58-60 Mr-Apr '64.

Importance of X-ray therapy in the compound treatment of cancer of the thyroid gland. V. I. Ivanitskaya, I. A. F. Levin. *Vop. onk.* 12 no. 5:81-86 '66.

Malignant neoplasms of the thyroid gland originating in the connective tissues. N. P. Maslov. *Vop. onk.* 12 no. 5: 28-31 '66.

Method of the detection of malignant degeneration of nodular goiter. U. A. Altybaev. *Vop. onk.* 12 no. 5:24-27 '66.

THYROID GLAND—DISEASES

Clinical evaluation of electrocardiographic signs of hypertrophy of the left ventricle in patients with thyrotoxicosis. L. S. Slavina. *Probl. endok. i gorm.* 10 no. 2:29-32 Mr-Apr '64.

Comparative data on the morphology and liver function tests in patients with thyrotoxicosis before and after treatment with I^{131} . V. G. Spesivtsova, L. L. Garkina. *Probl. endok. i gorm.* 10 no. 2:18-23 Mr-Apr '64.

Functional state of the thyroid gland in brain tumors. I. N. Vinogradova, D. G. Palinkash. *Vop. neirokhir.* 28 no. 3:44-49 My-Je '64.

Hashimoto's struma. I. K. Akhunbaev. *Probl. endok. i gorm.* 10 no. 2:53-55 Mr-Apr '64.

Survey of the literature on the treatment of thyrotoxicosis with radioactive iodine. V. R. Klachko. *Probl. endok. i gorm.* 10 no. 2:119-124 Mr-Apr '64.

THYROID GLAND—SURGERY

Immediate and late results of surgical treatment in endemic goiter. E. M. Borovyl. *Sov. med.* 28 no. 9:23-26 S '64.

Immediate and late sequelae of the removal of thyroid and parathyroid glands in rats. G. I. Plakuta-Plakutina. *Trudy MOIP, Otd. biol.* 17:96-103 '66.

THYROID GLAND—TUBERCULOSIS

Case of combined tuberculosis and cancer of the thyroid gland. V. B. Zaitavants. *Probl. endok. i gorm.* 10 no. 2:58-60 Mr-Apr '64.

THYROID HORMONES

Distribution and excretion routes of triiodothyronine and thyroxine exogenously labeled with radioactive iodine (I^{131}). A. Kh. Mirkhodzhev, V. A. Rakova. *Probl. endok. i gorm.* 10 no. 2:80-89 Mr-Apr '64.

Phenylalanine and tyrosine metabolism and its regulation by thyroid hormones in the brain of white rats. S. I. A. Kaplan. *Zh. i. Akoplan. Biokhimiia* 31 no. 2:265-269 Mr-Apr '66.

THYROID HORMONES—PHYSIOLOGICAL EFFECT

Electrophysiological characteristics of the sympathetic ganglia under conditions of varying content of thyroid hormones in the blood. V. N. Babichev. *Fiziol. zhur.* 50 no. 10:1264-1269 O '64.

THYROIDIN—TOXICOLOGY

Catechol amine content in the endocrine glands and heart of white rats in hypothyroidism and experimental thyroidin toxicosis. V. L. Kardashev, S. Kh. Kubli, V. S. Nevstrueva. *Probl. endok. i gorm.* 10 no. 2:95-98 Mr-Apr '64.

TIBIA—FRACTURE

Surgical treatment of closed diaphyseal fractures of the tibia using a modified K. M. Klimov beam. V. I. Kravchuk. *Vest. khir.* 98 no. 4:141-142 Ap '66.

TIBET—MEDICINE

Phytochemical study of plants of Transbaikalia used in Tibetan medicine. K. F. Blynova, L. D. Musaleva. *Farmatsev. zhur.* 19 no. 2:44-47 '64.

TICKS

(see also subdivision under White Russia)

Diapause of *Ixodes ricinus* L. larvae and its relationship to external factors. Report No. 2. Interrelationship between living conditions of ticks before and after feeding in the processes of diapause regulation of engorged larvae. V. N. Belozerov, Z. A. Mikhailova. *Zool. zhur.* 45 no. 4:543-550 '66.

TICKS—EXTERMINATION

Development of the toxic process in the tick *Rhipicephalus bursa* after its treatment with hexachloran and DDT. V. A. Maslov. *Trudy VNIIS* 16:32-43 '60.

TICKS AS CARRIERS OF DISEASE see subdivision under Aphsaron Peninsula

TIDES

Calculation of tides in a sea of real shape. L. A. Sgibneva. *Okeanologia* 6 no. 2:221-227 '66.

TIDES—TABLES

Against simplification. V. N. Shagubayev. *Ryb. khoz.* 42 no. 3:32-33 '66.

TIEN SHAN—GEOLOGY

Relationship between the Paleozoic structures of the southern Tien Shan and the Southern Urals and their ore prospects. I. Kh. Khamrabaev. *Dokl. AN SSSR* 168 no. 1:173-176 My '66.

TIEN SHAN—GEOLOGY, STRUCTURAL

History of the development of the elevations and depressions in the central Tien Shan in the Cenozoic. V. I. Makarov, L. I. Solov'eva. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 2:35-42 Mr-Apr '66.

TIFLIS—SALMONELLA INFECTIONS

Etiology, epidemiology and clinical aspects of Salmonella infections in Tiflis. G. V. Kvitaishvili and others. *Zhur. mikrobiol., epid. i immu.* 41 no. 7:150-151 Ji '64.

TIKHOMIROV, MIKHAIL NIKOLAEVICH, 1893-1965
In memory of Academician M. N. Tikhomirov. M. I. Assa-turova. *Vop. ist.* 41 no. 5:149-150 My '66.

TIKHORETSK (KRASNODAR TERRITORY)—MACHINE ACCOUNTING

Work practice of the Tikhoretsk machine accounting station. V. Bulgakov. *Vest. stat.* no. 5:57-67 '66.

TIKSI BAY REGION—BOTANY

Flora of the vicinity of Tiksi Bay (Arctic Yakutia). B. A. Tikhomirov, V. V. Petrovskii, B. A. Urutsev. *Rast. Kraev. Sev. SSSR i ee osv.* no. 6:7-40 '66.

TILES—DRYING

Drying of clay tile at high temperatures of heat carriers. A. A. Toporkova. *Sber. trud. VNIISTROM* no. 5:162-167 '65.

TILES—SAFETY MEASURES

Skosyrev, V. P. [Safety manual for workers engaged in the preparation of tiles] *Pamiatka po tekhnike bezopasnosti dlia rabochikh, zanatnykh izgotovleniem cherepitsy.* Moskva, Stroizdat, 1966. 26 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

TILLAGE

(see also subdivision under Orenburg Province; Tselinograd Province)

Cultivation practices in growing sorgo in southern Karaganda Province. O. Nurgaliev. *Vest. sel'khoz. nauch. [Kazakh.]* 9 no. 4:111-112 Ap '66.

Effect of the rolling of soil on the yield of spring wheat. V. S. Shalurov. *Vest. sel'khoz. nauch.* 11 no. 2:19-22 F '66.

Leveling the soil surface. V. P. Frolov. *Zemledelie* 28 no. 4:30-37 Ap '66.

Rolling of soil before sowing. N. N. Tret'akov. *V. S. Titov. Zemledelie* 28 no. 4:33-35 Ap '66.

TIMAN RANGE—GEOLOGY

Dodeev, V. A., and others. [Geology and prospects for finding oil and gas in the northern part of the Timan-Pechora area] *Geologiya i perspektivy neftegazonosnosti severnoi chasti Timano-Pechorskoi oblasti.* Leningrad, Nedra, 1966. 272 p. (Leningrad. Vsesoyuznyi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 245)

TIMASHEVSKAYA DISTRICT—CONSTRUCTION WORKERS

I've found happiness in my work. I. U. Opochanov. *Sel. stol.* 18 no. 4:20-21 Ap '64.

TIME MEASUREMENTS

Fedotov, V. N. [Technical electrochronometry] *Tekhnicheskoe elektroizmerenie vremeni.* Moskva, Mashinostroenie, 1966. 158 p.

TIN

Effective magnetic fields on Sn^{119} nuclei in ferrites-garnets having a compensation point. I. S. Libbutin. *Fiz. tver. tela* 8 no. 3:643-646 Mr '66.

TIN—METALLOGRAPHY

Diffraction study of the recrystallization of tin under the effect of liquid gallium. L. I. Mirkin. *Fiz. khim. mekh. mat.* 1 no. 6:659-663 '65.

TIN CHLORIDES

Reaction of molybdenum with dimethylglyoxime and tin chlorides. A. K. Babko, P. B. Mikhel'son, V. F. Mikitenko. *Zhur. neorg. khim.* 11 no. 4:817-820 Ap '66.

TIN CRYSTALS—SPECTRA

Phonon spectrum of the white tin lattice. E. G. Brovman, I. U. Kagan. *Fiz. tver. tela* 8 no. 5:1402-1416 My '66.

TIN ISOTOPES

Sign of a change in the charge radius of the Sn^{119} nucleus. L. M. Krizhanskii, B. I. Rogozev, G. V. Popov. Pis'ma Zhur. eksper. i teoret. fiz. 3 no. 9:382-384 My '66.

TIN ORES see subdivision under Lifudzin region (Maritime Territory)

TIN ORES—ANALYSIS

The "soluble tin" and the products of stannite conversion; a review. E. D. Sharke. Obog. rud 10 no. 6:38-41 '65.

TIN OXIDES—SPECTRA

Chemical effects of the reaction $^{118}\text{Sn}(\gamma)^{119}\text{Sn}$ and stabilization forms of ^{119}Sn in tin dioxide. A. N. Nesmejanov and others. Radiokhimiya 8 no. 2:261-264 '66.

Mossbauer effect used in studying the stabilization forms of ^{119}Sn recoil atoms in tin oxide. A. N. Nesmejanov and others. Radiokhimiya 8 no. 2:264-266 '66.

TIN PLATING

Tin plating in a pyrophosphate electrolyte. M. E. Lerner, A. D. Galushko, A. N. Shiriaeva. Ukr. khim. zhur. 32 no. 5:537-538 '66.

TIRE FABRICS

Improving the quality of rayon cord. A. T. Serkov and others. Khim. volok. no. 3:42-43 '66.

TIRE FABRICS—TESTING

Effect of low molecular fractions and polydispersion of cellulose on the properties of high-strength cord. A. G. Iashinskaya, F. M. Kononova, N. V. Shuliatikova. Khim. volok. no. 3:35-39 '66.

TIRE INDUSTRY—FIRES AND FIRE PREVENTION

Preventing fires in the APK-2 unit for rubber cord treatment. V. D. Skafymov. Nauch. i rez. 25 no. 5:46-47 '66.

TIRE INDUSTRY—TECHNOLOGICAL INNOVATIONS

see subdivision under Erivan

TIRES, RUBBER—MAINTENANCE AND REPAIR

see subdivision under Slonim (Grodno Province)

TIRES, RUBBER—RETRADING AND RECAPPING

Vostroknutov, E. G., B. Z. Kamenskii, and Kh. E. Maikha. [Reconditioning rubber tires] Vostanovitel'nyi remont shin. Moskva, Khimika, 1966. 291 p.

TIRES, RUBBER—TESTING

Experimental study of the effect of rim width on tire deformations. G. V. Nadezhulin. Nauch. i rez. 25 no. 5:36-39 '66.

TISSUE CULTURE

Antigen analysis of media used for the cultivation of cells in vitro. E. P. Ugrumov, V. T. Kakpakov. Biol. eksp. biol. i med. 58 no. 12:70-75 D '64.

Comparative cytochemical study of penicillin, its prolonged-action preparations and oxacillin on tissue culture cells. E. G. Shcherbakova. Antibiotiki 11 no. 4:337-343 Ap '66.

Cultivation of tissue cultures in thermoresistant containers. V. N. Tarnasov. Lab. delo no. 4:251 '66.

Dynamics of carbonic anhydrases in the cultures of skin connective tissue. G. S. Shislin, A. F. Nikiforov, L. V. Vankov. TSitologiya 6 no. 4:512-515 Ji-Ag '64.

Formation of embryos in *Papaver somniferum* L. during in vitro cultivation of ovules. V. E. Pontovtch, I. N. Sveshnikova. Fiziol. rast. 13 no. 1:105-113 Ja-F '66.

Study of the possibility of activating latent nuclear polyhedrosis viruses in the tissue cultures of insects. V. D. Mylozerdova, A. B. Karpov, S. M. Landau. Mikrobiol. zhur. 28 no. 2:57-73 '66.

Studying the Ajazsky's disease virus by the method of tissue cultures. V. I. Gavrilov, N. N. Dononova, V. R. Arkhipova. Trudy VNIIS 16:251-263 '60.

TISSUE EXTRACTS

Effect of tissue stimulants on some blood indices and the nonspecific resistance of the organism. I. U. M. Nazarov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:81-86 Ap '66.

Practices in using some trace elements and tissue preparations in fattening chickens at the Vitebsk Poultry Processing Combine. F. I. A. Berenshtein and others. Uch. zap. Viteb. vet. inst. 16:93-95 '64.

TISSUE METABOLISM

Effect of adrenaline on tissue respiration. O. A. Virovets, I. S. Balakhovskii. Vop. med. khim. 12 no. 3:287-291 My-Je '66.

TITANATES

Solid-phase reactions of bivalent metal titanates. L. N. Aver'ianova, I. I. Beliaeva, I. N. Beliaeva. Zhur. neorg. khim. 11 no. 5:1183-1188 My '66.

TITANIUM

Effect of pressure on the temperature coefficient of non-lubricated friction of titanium on titanium in the air. A. M. Zuev. Izv. vyz. ucheb. zav.; mashinostr. no. 2:22-25 '66.

Study of the kinetics of growth of passivating layers on titanium in sulfuric acid by the alternating current polarization method. I. U. N. Mikhailovskii. Izv. AN SSSR, Ser. khim. no. 5:807-814 '66.

Titanium-iron ratio of the rocks of heterogeneous magmatism. I. I. Abramovich, E. B. Vysokostrovskaya. Geokhimiya no. 7:641-645 Ji '64.

TITANIUM—METALLURGY

Effect of production conditions on the physical characteristics of titanium sponge reduced by magnesium. R. A. Sandler, V. V. Vlasov. Izv. vyz. ucheb. zav.; tsvet. met. 9 no. 2:40-54 '66.

Rate of chlorinating titanium-containing briquets. A. I. Lystsov, N. V. Galitskii, N. A. Vasilutskii. TSvet. met. 39 no. 5:72-74 My '66.

Thermodynamics of the sodium-reduction process of titanium tetrachloride in molten sodium chloride. S. V. Aleksandrovskii, V. M. Gus'kov. Izv. vyz. ucheb. zav.; tsvet. met. 9 no. 2:55-61 '66.

TITANIUM ALLOYS—ELECTROMETALLURGY

Electrolytic refining of industrial wastes of titanium alloys. I. U. G. Olesov and others. TSvet. met. 39 no. 5:69-72 My '66.

TITANIUM ALLOYS—METALLURGY

Giazova, V. V. [Alloying of titanium] Legirovanie titana. [Moskva] Metallurgiya, 1966. 191 p.

TITANIUM ALLOYS—PICKLING

Study of certain factors affecting the properties of hydrochloric acid solutions used for pickling titanium alloys. I. E. Titova, V. I. Lipatnikova. Zhur. prikl. khim. 39 no. 8:1736-1740 Ag '65.

TITANIUM ALLOYS—THERMAL PROPERTIES

Heat-resistant titanium alloys clad with titanium. S. G. Glazunov, V. N. Meliseev, V. M. Mikhailov. TSvet. met. 39 no. 5:80-82 My '66.

TITANIUM ALLOYS, EFFECT OF TEMPERATURE ON

Comparative oxidation of various types of titanium alloys during their heating in the open air. M. V. Mal'tsev and others. Izv. vyz. ucheb. zav.; tsvet. met. 9 no. 2:142-146 '66.

TITANIUM CHLORIDES

Industrial production of titanium trichloride. A. A. Furman, V. B. Lavrova. Khim. prom. 42 no. 5:362-364 My '66.

TITANIUM COMPOUNDS

Solubility in the systems of titanyl oxalate of some metals. L. V. Novikova, I. N. Beliaeva. Zhur. neorg. khim. 11 no. 4:940-942 Ap '66.

Spectrophotometric determination of titanium as a pyrocatechol complex with picolinic acid. S. I. A. Shneiderman, E. N. Kudazeva. Zhur. anal. khim. 21 no. 4:419-421 '66.

TITANIUM-COPPER ALLOYS see Copper-titanium alloys

TITANIUM CRYSTALS—ELASTIC PROPERTIES

Distribution of elastic deformations of the structure of quasi-isotropic polycrystalline titanium. D. M. Mekhon-tseva, F. P. Rybalko, S. D. Volkov. Fiz. tver. tela 8 no. 4:1275-1277 Ap '66.

TITANIUM ELECTRODES

see Electrodes, Titanium

TITANIUM NITRIDES

Determination of titanium in titanium nitride by photo-metric titration on the photoelectrocolorimeter. A. I. Lazarev, V. I. Lazareva, N. S. Ushke. Zav. lab. 32 no. 1:24-25 '66.

TITANIUM ORGANIC COMPOUNDS see Organotitanium compounds

TITANIUM OXIDES

Decomposition of isopropyl alcohol on titanium dioxide of an anatase structure. T. P. Khokhlova, I. S. Sazonov, N. P. Kefer. Khim. i tek. 7 no. 2:345-347 Mr-Ap '66.

Polymorphic transformation of cristobalite in the presence of titanium dioxide. B. I. A. Sukharevskii, S. V. Lysak. Ogneupory 31 no. 5:53-58 '66.

Synthesis of a new modification of titanium dioxide, stable at high temperatures. N. A. Bendeliani, S. V. Popova, L. F. Vereshchagin. Geokhimiya no. 5:499-501 My '66.

TITANIUM SILICIDES

Vacuum-thermal method for the preparation of titanium silicides. T. S. Verkhogadova, L. A. Dvorina. Zhur. prikl. khim. 39 no. 8:1716-1725 Ag '65.

TITANIUM TUNGSTEN CARBIDE

Determination of oxygen in titanium tungsten carbide. V. G. Shcherbakov, I. U. N. Mikhailov, G. G. Benpruskurnov. Zhur. anal. khim. 21 no. 4:443-448 '66.

TITANOMAGNETITE

Characteristics of the chemical composition and distribution of titanomagnetite in complex masses of ultrabasic, alkaline rocks, and carbonates. L. S. Borodin, B. P. Zolotarev, L. I. Serdobova. Izv. AN SSSR, Ser. geol. 31 no. 5:32-48 My '66.

Electron microscope and microdiffraction study of optically homogeneous titanomagnetite by means of ultrathin sections. R. V. Bolarskaya, A. I. Gorsikov. Dokl. AN SSSR 168 no. 1:180-181 My '66.

Use of ionic etching for detecting the nonuniformity of minerals as revealed by a study of titanomagnetites. R. V. Bolarskaya. Geol. rud. mestorozh. 8 no. 1:108-111 Ja-F '66.

TITRATION

Determination of titanium in titanium nitride by photo-metric titration on a photoelectrocolorimeter. A. I. Lazarev, V. I. Lazareva, N. S. Ushke. Zav. lab. 32 no. 1:24-25 '66.

Rapid determination of furfural concentration in its nonaqueous solutions by titration with water. S. I. Spiridenova. Izv. vyz. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:156-157 '66.

Simple titrimetric method of analysis of mixtures of sodium ascorbate, caustic soda, and sodium carbonate. N. G. Polianskii, N. L. Polianskaya. Zhur. anal. khim. 21 no. 4:491-493 '66.

TKVARCHELI (GEORGIA)—CIVIC IMPROVEMENT

The fate of my town is my own fate too. N. Khutua. Sov. shakht. 15 no. 5:20-21 My '66.

TOBACCO INDUSTRY—ACCOUNTING

Standard accounting for production expenditures in the tobacco industry. S. Makhov. Bukh. uch. 21 no. 12:24-32 D '64.

TOES—ABNORMALITIES AND DEFORMITIES

Errors and complications in the surgical treatment of hallux valgus. G. N. Kramarenko. Khirurgiya 42 no. 2:83-89 F '66.

TOKTOGUL HYDROELECTRIC POWER STATION—

TUNNEL LINING

Light temporary supports in tunneling work at the Toktogul Hydroelectric Power Station. I. L. Bolter, I. I. Grossman. Energ. stroit. no. 3:73-77 '65.

TOLERANCE (ENGINEERING)

Methods of calculating the economic efficiency of reducing tolerances and allowances for large forgings. O. D. Bychkov. Kuz.-stann. protzv. 8 no. 4:41-44 Ap '66. Maglov, V. D. [Allowances and fits; handbook] Dopuski i posadki; spravochnik. Izd. 4., perer. i dop. Moskva, Mashinostroyeniye, 1966. 771 p.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Doroshenko, S. S. [Lev Tolstoy, soldier and patriot; his military service and military activity]. Lev Tolstoy voim i patriot; voennaya sluzhba i voennaya deyatelnost'. Moskva, Sovetskii pisatel', 1966. 313 p.

Heritage of a great artist. S. Rozanova. V mire knig 6 no. 4:38 Ap '66.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910—BIBLIOGRAPHY see Bibliography—Tolstoy, Lev Nikolaevich, 1828-1910

TOLUAMIDE

Catalytic method of the synthesis of diethyltoluamide. V. I. Katulina and others. Khim. prom. 42 no. 5:341-343 Ji-Ag '66.

TOLUENE

Activity and selectivity of the effect of various composition nickel catalysts in catalytic demethylation of toluene by water vapor. T. I. Potelachenko and others. Neftekhimiya 4 no. 6:844-849 N-D '64.

Migration polymerization of acid diphosphites, diphosphinites with p-toluenedithiocyanate and various compounds having two double bonds. A. N. Pudovik, M. A. Pudovik. Dokl. AN SSSR 168 no. 2:354-356 My '66.

TOLUIDINE—TOXICOLOGY

Injury of liver cells by o-aminotoluene at the early stages of carcinogenesis. G. A. Belitskii. TSitologiya 6 no. 4:594-597 Ji-Ag '64.

TOLYL PHOSPHATE—TOXICOLOGY

Experimental analysis of the permissible limit concentration of butyl xanthogenate and cresyl dithiophosphate in the water of reservoirs. I. U. T. Loshakov. San. okhr. vod. ot zagr. prom. stoich. vod. no. 7:166-177 '65.

TOM VALLEY—DECORATION AND ORNAMENT, ANCIENT

Ornaments on the bottoms of Bronze Age pottery in the lower Tom' Valley. M. F. Kozarov. Krat. soob. Inst. arkheol. no. 106:27-30 '66.

TOMATOES

Change in the hereditary characters of tomato plants under the effect of X rays. I. E. Glushchenko, M. R. Makhlova, N. P. Novzhilova. Vest. sel'khoz. nauki 11 no. 2:13-18 F '66.

Effect of the relation between the growth speed of aerial and subterranean parts of tomato plants on the budding time and yield under the conditions of photoculture. L. S. Aleksandrova. Sbor. trud. po agron. fiz. no. 12:95-104 '65.

TOMATOES—FERTILIZERS AND MANURES

Effect of various nutrient mixtures on the growth of tomatoes under the conditions of photoculture. I. V. Medvedeva. *Sbor. trud. po agron. iiz.* no. 12:105-107 '65.

TOMPO VALLEY—GEOLOGY, STRATIGRAPHIC

Lower Triassic of the Tompo-Delnyia Interfluv. V. I. Korostelev. *Geol. i geofiz.* no. 2:31-38 '66.

TOMSK—ANNUALS (PLANTS)

Flowering annual plants in Tomsk. T. I. Lebedeva. *Uch. zap. TGU* 21:11-50 '64.

TOMSK PROVINCE—PLANTS, EDIBLE—ANALYSIS

Natural content of zinc in vegetable products of Tomsk Province. A. I. Vorob'eva. *Vop. pit.* 23 no. 4:63-64 JI-Ag '64.

TONGUE—DISEASES

Glossitis of the tongue. G. I. Kovalenko. *Probl. endok. i gorm.* 12 no. 3:54-55 My-Je '66.

TONKIN, GULF OF—PARASITES—FISHES

Pseudophyllometroides atropi gen. et sp. n., a new nematode of the family Draconulidae Leiper, 1912. A. M. Parukhin. *Zool. zhur.* 45 no. 5:766-767 '66.

TONNAGE

Tonnage mark. P. Rjabchikov. *Mar. flot* 26 no. 4:27-28 Ap '66.

TONSILS—DISEASES

Data on the injection of 70% alcohol on tissue of the tonsils in chronic tonsillitis and the possibilities of its use for therapeutic purposes. K. G. Shukurina. *Zhur. eksp. i klin. med.* 6 no. 1:41-46 '66.

TOOL STEEL

Two-layer thin-sheet steel for the woodworking industry. L. V. Meandrov and others. *Sbor. trud. TSNICIM* no. 42:64-69 '65.

TOOL STEEL—HARDENING

Effect of strain hardening on the heat resistance of 3Kh213B die steel. S. A. Dovnur, N. N. Dubrovskii, V. P. Pukhovskii. *Dokl. AN SSSR* 10 no. 5:320-330 My '60.

TOOLS—CATALOGS

Russia (1923—U.S.S.R.) *Glavnoe upravlenie po stroitel'nomu mekhanizirovannomu instrumentu i oteloch-nym mashinam.* [Hand tools for general construction work; a reference catalog] *Ruchnoi instrument dlia proizvodstva obshchestvennykh rabot; katalog-spravochnik.* Moskva, NIIshtroikordkommunash, 1966. 270 p.

TOPOZ—TESTING

Anisotropy of the microhardness of barite and topaz. I. U. S. Bolarskaya, M. I. Vukovskaya, R. P. Zhitaru. *Min. shur.* 19 no. 2:236-240 '65.

TOPECHBASHEV, MIRZA DZHAFAR

Activity of Professor Mirza Dzhafar Topchibashev in the University of St. Petersburg. N. A. Tolzand. *Izv. AN Azerb. SSR, Ser. obshchestv. nauk* no. 6:36-48 '65.

TOPOGRAPHICAL ANATOMY see Anatomy, Surgical and topographical

TOPOGRAPHICAL SURVEYING

Topographical study of a locality. B. I. Ignatiev. *Geod. i kart.* no. 3:30-42 Mr '66.

TOPOLOGY

Dimensionality of adjuncts of proximity spaces and topological spaces. I. U. M. Smirnov. *Dokl. AN SSSR* 168 no. 3:520-531 My '66.

H-closed topological spaces. N. V. Velichko. *Mat. shor.* 70 no. 1:96-112 My '66.

Hausdorff spaces of minimum weight. V. Gol'shtynskii. *Dokl. AN SSSR* 168 no. 3:500-509 My '66.

Metrizability behavior in factorial monotone mappings. M. Choban. *Dokl. AN SSSR* 168 no. 3:535-530 My '66.

Structural method for dimensionality determination. V. G. Vinokurov. *Dokl. AN SSSR* 168 no. 3:504-507 My '66.

TOPOLOGY—STUDY AND TEACHING

Second summer school of topology. A. A. Kirillov and others. *Usp. mat. nauk* 21 no. 2:257-268 Mr-Ap '66.

TORQUE

Calculating for torsion I-beams with varying wall thickness by the displacement method. A. V. Aleksandrov. *Trudy MIT* no. 104:220-227 '66.

Torque of three roller bits in turbodrilling. P. I. Asiat'ev, M. D. Barov, P. N. Grigor'ev. *Neft. khoz.* 44 no. 4:19-22 Ap '66.

TORTS

Krasavchikov, O. A. [Reparation of injury caused by a source of increased hazard] *Vozmesheniye vreden, prichinnennogo istochnikom povyshennoi opasnosti.* Moskva, Iuridicheskaya literatura, 1966. 198 p.

TOURISM

[Always on the go] *Vsegda v puti.* Moskva, Mysl', 1966. 427 p.

Tourist bases for tourists. Aleksandr Nikolaevich Kolesov. *Sov. voen* 48 no. 10:44-45 My '65.

TOURMALINE

Some properties of artificial tourmaline. I. E. Voskresenskaya. *Min. shor.* 19 no. 2:164-171 '65.

TOXEMIA

Determination of toxemia in burns and of antitoxic properties of the blood serum in convalescent patients with burns by means of hemocultures and Paramedium reaction. V. A. Orlik. *Sov. med.* 20 no. 9:37-41 S '64.

TOXICOLOGY

Experience in the comparative evaluation of the methods for determining the immuno-biological reactions of an organism in the hygienic standardization of poisonous substances in the water of reservoirs. S. N. Cherkinskii, E. V. Faldyash. *San. okhr. vod. ot zagr. prom. stoch.* vol. no. 7:260-270 '65.

Functional experiments in the sanitary and toxicological research on hygienic standardization. S. N. Cherkinskii, V. N. Tugarinova, V. E. Miklashevskii. *San. okhr. vod. ot zagr. prom. stoch.* vol. no. 7:280-288 '65.

List of permissible limit concentrations of substances based on materials published in the "Hygiene and Sanitation" journal and recommended for approval to the Ministry of Health of the U.S.S.R., by the Special Research Commission. *San. okhr. vod. ot zagr. prom. stoch.* vol. no. 7:290 '65.

Methodological instructions for set up and result evaluation of acute experiments and their analysis. G. N. Krasovskii. *San. okhr. vod. ot zagr. prom. stoch.* vol. no. 7:247-268 '65.

TOXINS AND ANTITOXINS

Antibiotic substance isolated from the leaves of the *Eucalyptus globulus* and its detoxicating properties. V. I. A. Pochynok. *Farmsvet. zhur.* 20 no. 3:70-71 '65.

Characteristics of serological methods of detecting botulinum toxin. T. I. Bulatova. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:79-84 JI '64.

Development of resistance to plague toxin in white mice following repeated administrations. A. A. Kanchukh, N. N. Novoseltsev, V. I. Nikolaeva. *Blul. eksp. biol. i med.* 58 no. 12:96-70 D '61.

The effect of preliminary introduction of anatoxin on the resistance of mice to botulin toxin. Preliminary report. *Zhur. mikrobiol., epid. i immun.* 41 no. 7:39-42 JI '64.

Experience in obtaining *Clostridium histolyticum* toxin on casein nutritive medium. I. S. Kazdolina, I. N. Vinogradova, F. F. Tsurikov. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:93-96 Ag '64.

Production and characteristics of Penicillium sp. No. 10 toxin. T. G. Mirchinskii, V. S. Dlagoveschenskii, V. A. Fedorov. *Mikrobiologiya* 35 no. 2:263-268 Mr-Ap '66.

Significance of the duration of Proteus culture for the formation of toxin. T. M. Akymenko. *Mikrobiol. zhur.* 20 no. 2:30-34 '66.

Significance of type E botulin toxin activation in the laboratory diagnosis of botulism. T. I. Bulatova. *Zhur. mikrobiol., epid. i immun.* 41 no. 8:97-101 Ag '64.

State of antitoxin immunity in *Corynebacterium diphtheriae* carriers. N. L. Sukhorukova and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4:38-43 Ap '66.

Toxicallergic effect of some fractions isolated from *Mycobacterium tuberculosis*. A. I. Kartashev. *Probl. tub.* no. 9:72-76 '64.

TOXOPLASMOSIS

Congenital anencephalia and meningomyelitis on the basis of toxoplasmosis. N. I. Popova. *Arkh. pat.* 28 no. 3: 69-71 '66.

TOYS

Ability to see and to hear. A. Venger, L. Venger. *Sem'ia i shkola* 21 no. 4:6-8 Ap '66.

TRACE ELEMENTS see subdivision under Kura Lowland; Turukhansk District

TRACE ELEMENTS—ANALYSIS

Composition of microelements enclosed in cassiterite based on data of point X-ray spectral analysis. E. I. Dolomanova, V. V. Lidern, V. N. Rozhanskii. *Zap. Vses. min. ob-va* 95 no. 2:214-221 '66.

TRACE ELEMENTS—EFFECT ON PLANTS see Plants, Effect of trace elements on

TRACE ELEMENTS—PHYSIOLOGICAL EFFECT

Effect of copper, cobalt and other microelements on the nitrogen fixation by soil *Mycobacteria*. T. K. U'ina. *Mikrobiologiya* 35 no. 2:323-327 Mr-Ap '66.

Practices in using some trace elements and tissue preparations in fattening chickens at the Vitebsk Poultry Processing Combine. F. I. A. Baranstein and others. *Uch. zap. Viteb. vet. inst.* 16:93-98 '64.

Role of the sympathetic nervous system in the mechanism of the action of cobalt and manganese on the function of salivary glands. N. S. El'tsov. *Uch. zap. Viteb. vet. inst.* 16:193-201 '64.

Use of trace elements in fattening young cattle on beet pulp enriched with urea. V. K. Dyman, G. V. Makarova. *Khim. v sel'khoz.* 4 no. 5:50-51 My '66.

TRACE ELEMENTS IN THE BODY

Effect of microelements (Co, Mn, Cu) on the ruminal digestion in lambs. N. U. Bazanova, A. V. Prokudin. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 2 no. 4:68-73 JI-Ag '64.

TRACHEA—SURGERY

Adenoma of the thoracic region of the trachea treated by a circular resection of the trachea with a direct anastomosis. O. M. Avilova. *Grud. khir.* 8 no. 2: 123-127 Mr-Ap '66.

Experimental alloplastic replacement of circular defects of the trachea. N. S. Koroleva. *Grud. khir.* 8 no. 2: 100-94 Mr-Ap '66.

Lavage of respiratory passages through tracheostomy in patients in comatose state caused by cerebrocranial trauma. I. U. V. Isakov, E. Z. Ustinova, N. S. Beliaev. *Vop. neirokhir.* 30 no. 2:27-31 Mr-Ap '66.

TRACHEA—TUMORS

Adenoma of the thoracic region of the trachea treated by a circular resection of the trachea with direct anastomosis. O. M. Avilova. *Grud. khir.* 8 no. 2:123-127 Mr-Ap '66.

TRACTOR INDUSTRY

Technical service of Soviet machinery abroad. M. Andriushchenko, P. Afonin. *Vnesh. torg.* 46 no. 5:45-47 '66.

TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Minsk

TRACTOR TRAINS

Some geometrical dependences connecting parameters of a trailer and tractor at a turn. G. S. Rosin. *Avi. prom.* 32 no. 5:11-13 My '66.

TRACTORS

Artamonov, M. D., and I. U. V. Mikhailovskii. [Teaching special technology to tractor operators in lumbering operations] *Prepodavaniye spetsial'noi tekhnologii traktoristam - mekhanizatoram na lesozagotovitel'nykh rabotakh.* Moskva, Vysshaya shkola, 1966. 158 p.

Kashuba, B. P., and others. [The T-74 tractor; its design, operation and maintenance] *Trektor T-74; konstruktivna, ekspluatatsiia, ukhod.* 2, izd., ispr. i dop. Moskva, Kotos, 1966. 200 p.

[Manual on tractors] *Praktikum po traktoram.* [By] G. A. Golubev i dr. Moskva, Kotos, 1966. 142 p. (Uchebnykh i uchebnye posobie dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

New exhibits at the Exhibition of the Achievements of the National Economy. NTO 8 no. 5:42-43 My '66.

Vasernis, A. I., G. V. Lebedinskii, and S. E. Libsis. [Self-propelled chassis and their operation] *Samokhodnye shassi i rabota na nih.* Moskva, Vysshaya shkola, 129 p.

TRACTORS—ELECTRIC EQUIPMENT

Bench for checking tractor electric equipment. V. Klimov. *Tekh. v sel'khoz.* 26 no. 4:59-62 Ap '66.

Machine for winding the coils of the G-46 generator. A. Dublaga, I. Kaliak. *Tekh. v sel'khoz.* 26 no. 4:76-77 Ap '66.

TRACTORS—ENGINES

Assembly of the cylinder-piston group of the SMD-14 engine. B. Ivanov. *Tekh. v sel'khoz.* 26 no. 4:64-65 Ap '66.

Khanzov, G. E. [Some problems in the theory and thermal analysis of motor-vehicle and tractor engines] *Nekotorye voprosy teorii i teplovogo rascheta avtotraktornykh dvigatelov.* Tbilisi, Gruzinskii sel'khoz. in-t, 1964. 213 p.

TRACTORS—FUEL SYSTEMS

Advantages of a closed system of fueling of tractors. N. Mitroshnichenko, I. Oychinikov. *Tekh. v sel'khoz.* 26 no. 4:54 Ap '66.

Clearance adjustment of valves. B. Eremerko, V. Vakhel'. *Tekh. v sel'khoz.* 26 no. 4:49-50 Ap '66.

Technical care for the fuel system of tractors. V. Bel'skikh. *Tekh. v sel'khoz.* 26 no. 4:44-48 Ap '66.

Washing fuel tanks of tractors. B. Karmantsov. *Tekh. v sel'khoz.* 26 no. 4:52-53 Ap '66.

TRACTORS—MAINTENANCE AND REPAIR

Ostrovskii, V. S., V. A. Stepanov, and S. M. Babusenko. [Repair of motor-vehicle and tractor trailers and bodies] *Remont avtotraktornykh prilozhenii i kuzovov.* Moskva, Kotos, 1965. 108 p. (Biblioteka rabochego remonika)

TRACTORS—MAINTENANCE AND REPAIR (Continued)

[Repair of tractors, motor vehicles and agricultural machines] Remont traktorov, avtomobilei i sel'skokhoziaistvennykh mashin. [By] V.D. Chistiakov i dr. Moskva, Kotos, 1966. 422 p. (Uchebniki i uchebnye posobia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)

Standard repairing of tractors. F. Lakodel, Tekh. v sel'khoz. 26 no. 4:57-58 Ap '66.

Technical service of Soviet machinery abroad. M. Andrushchenko, P. Afonin, Vneshtorg. 46 no. 5:45-47 '66.

TRACTORS—TESTING

High-speed strength testing of the "Belarus" tractors. B. A. Shneiser, P. A. Lushchovskii, B. F. Kuvalevskii, Prom. Bel. 9 no. 1:29-31 Ja '66.

TRACTORS—TRANSMISSION DEVICES

Reducing dynamic loads in the transmission and running parts of tractors. M. S. Krinko, Prom. Bel. 9 no. 1:34-35 Ja '66.

Repairing the fifth transmission of the DT-54 tractor. A. Antipin, Tekh. v sel'khoz. 26 no. 4:80 Ap '66.

TRADE UNIONS

(see also subdivision under Kemerovo Province; Kenya; Leningrad)

For popularity and skill. G. Eliseev, Sov. profsoyuzy 22 no. 9:20-21 My '66.

Get out of our house. A. Titov, D. Kichatov, Sov. profsoyuzy 22 no. 9:42-43 My '66.

Important sector of trade-union work. V. Zubkov, Neftianik 10 no. 5:35-36 My '66.

In the Presidium of the Central Committee of the Trade Union. Razved. i okh. nedr 31 no. 9:80-81 S '66.

Observe labor discipline with fervor; at the plenary session of the Central Committee of Trade Unions. Sov. shakht. 15 no. 4:25 Ap '66.

Trade union activity at the Krasnodonsk prospecting expedition. F. D. Bezmenov, Razved. i okh. nedr 31 no. 9:57-58 S '66.

TRADE UNIONS—CONGRESSES

On the eve of the Third International Conference of the Trade Unions of the Workers in the Textile, Clothing, Leather and Shoe Industries. Shvein, prom. no. 2:35 Mz-Ap '66.

TRADE UNIONS—OFFICERS see subdivision under Novovorontsovka District

TRADEMARKS

[Inventions, industrial samples, trademarks] Izobr. prom. obraz., tov. znak. 43 no. 9 '66.

TRAFFIC REGULATIONS—STUDY AND TEACHING

Loshchakov, K. A., and A. M. Kononenko. [Methods for conducting theoretical training in the course "Traffic regulations on the streets and roads of the U.S.S.R." Metodika provedeniia teoreticheskikh zaniatii po kursu "Pravila dvizheniia po ulitsam i dorogam Sovetskogo Soyuza." Moskva, Vysshaya shkola, 1966. 83 p.

TRAFFIC SAFETY

Be attentive! A. Kataev, Tekh. i vooruzh. 24 no. 1:56-58 Ja '66.

For traffic safety. Tekh. i vooruzh. no. 7:62-69 Ji '65. In column, day and night. B. Likhachev, M. Elesin, Tekh. i vooruzh. 24 no. 4:70-72 Ap '66.

TRAFFIC SURVEYS

Per unit distribution of runs of city automobiles along the streets, on lead-in highways, and by beltways. V. P. Starovoida, Izv. vys. ucheb. zav.; stroi. i arkh. 9 no. 2:90-95 '66.

TRAINING OF TEACHERS see Teachers, Training of

TRAINING SHIPS

Summarizing the work results of merchant training ships. A. Shechetina, M. Sobolevskii, Mor. flot 24 no. 1:34 Ja '64.

TRANQUILIZING DRUGS

Apparatus for automatic recording of the behavior of rats for the experimental evaluation of the effect of minor tranquilizers. T. A. Klygul', V. A. Krivopalov, Farm. i toks 29 no. 2:241-244 Mr-Ap '66.

Results of the treatment of pathological climacterium with psychotropic drugs and the prevention of involutional psychoses. M. Sh. Vol'f, Sov. med. 28 no. 9:107-110 S '64.

TRANS-ALAY RANGE—FOREST FAUNA

Occurrence of some representatives of the spruce forest fauna of the Tien Shan in the Alay and Trans-Alay Ranges. R. N. Meklenburtshev, Zool. zhur. 45 no. 5:778-779 '66.

TRANS-ILI ALATAU—ACTINOMETRY—OBSERVATIONS Akademii nauk Kazakhskoi SSR, Alma-Ata. Otdel geografi. [Trans-ili Alatau; meteorology] Zailiiskii Alatau; meteorologiya. Moskva.

Nos. 2, 4-10, 12. Tkachuk, T. I. A. [Actinometric observations] Aktinometricheskii nabludeniiia. 1962. 9 v. (Iz: Materialy glatsiologicheskikh issledovaniit)

TRANS-ILI ALATAU—FERTILIZERS AND MANURES

Effect of various combinations of mineral fertilizers and growth promoting substances of petroleum origin on the growth of larch seedlings in the Trans-ili Alatau. G. Kh. Bukelkhanov, Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:59-63 Ap '66.

TRANS-ILI ALATAU—GEOPHYSICS

Borovinskiĭ, B. A. [Tien-Shan; Trans-ili Alatau; geophysics. Magnetic and electrical observations] Tien'-Shan'; Zailiiskii Alatau; geofizika. Magnitnye i elektricheskie nabludeniiia. Moskva, 1962. 79 p. (Materialy glatsiologicheskikh issledovaniit Otdela geografi Akademii nauk Kazakhskoi SSR)

TRANS-ILI ALATAU—GLACIERS

Barvenko, N. I. A. [Tien Shan; Trans-ili Alatau; movement, change of surface level, and spatial position of glaciers] Tien'-Shan'; Zailiiskii Alatau; dvizhenie, izmeneniie urovnia poverkhnosti i prostanstvennogo polo-zheniia lednikov. Moskva, 1962. 100 p. (Materialy glatsiologicheskikh issledovaniit Otdela geografi Akademii nauk Kazakhskoi SSR)

Makarevich, K. G. [Tien Shan; Trans-ili Alatau; general description of the observations] Tien'-Shan'; Zailiiskii Alatau; obshchee opisaniie issledovaniit. Moskva, 1962. 87 p. (Materialy glatsiologicheskikh issledovaniit Otdela geografi Akademii nauk Kazakhskoi SSR)

TRANS-ILI ALATAU—ICE

Akademii nauk Kazakhskoi SSR, Alma-Ata. Otdel geografi. [Tien Shan; Trans-ili Alatau] Tien'-Shan'; Zailiiskii Alatau. Moskva.

Nos. 1-2. Tokmagambetov, G. A. [Physical properties of ice] Fizicheskie svoistva l'da. 1963. 2 v. (Iz: Materialy glatsiologicheskikh issledovaniit)

Akademii nauk Kazakhskoi SSR, Alma-Ata. Otdel geografi. [Tien Shan; Trans-ili Alatau; ice temperature] Tien'-Shan'; Zailiiskii Alatau; temperatura l'da. Moskva.

Nos. 1, 3. Vilesov, E. N. [Stationary observations] Statiionarnye nabludeniiia. 1962. 2 v. (Iz: Materialy glatsiologicheskikh issledovaniit)

TRANS-ILI ALATAU—METEOROLOGY—OBSERVATIONS

Akademii nauk Kazakhskoi SSR, Alma-Ata. Otdel geografi. [Trans-ili Alatau; meteorology] Zailiiskii Alatau; meteorologiya. Moskva.

Nos. 1-3. Nikitina, R. I. [Basic meteorological observations] Osnovnye meteorologicheskie nabludeniiia. 1962. 3 v.

No. 13. Kurdiukova, L. P. [Duration of sunshine] Prodolzhitel'nost' solnechnogo silaniia. 1963. 99 p.

Nos. 14, 19, 20, 22. Golovkova, R. G. [Gradient observations] Gradientnye nabludeniiia. 1962. 4 v. (Iz: Materialy glatsiologicheskikh issledovaniit)

TRANS-ILI ALATAU—SNOW

Sudakov, P. A. [Tien Shan; Trans-ili Alatau; snow cover] Tien'-Shan'; Zailiiskii Alatau; snezhnyi pokrov. Moskva, 1962. 136 p. (Materialy glatsiologicheskikh issledovaniit Otdela geografi Akademii nauk Kazakhskoi SSR)

TRANSAMINASES

Effect of D-cycloserine and florimycin on the activity of glutamate-aspartate-transaminase in the blood serum of white mice. O. M. Krepak, Antibiotiki 11 no. 4:347-350 Ap '66.

Pyridoxine metabolism and transaminase activity of blood serum in patients with pulmonary tuberculosis during chemotherapy. V. D. Gol'dshein. Vop. med. khim. 12 no. 3:234-239 My-Je '66.

Significance of blood transaminase determination of the diagnosis of liver diseases. M. D. Podil'shak, O. S. Abramovich, Klin. khir. no. 7:20-23 '65.

TRANSBAIKALIA—FLUORORITE

Find of fluorite and ludwigite and central Transbaikalia. A. D. Kanishev, Zap. Vses. min. ob-va 95 no. 2:222-224 '66.

TRANSBAIKALIA—LUDWIGITE

Find of fluorite and ludwigite in central Transbaikalia. A. D. Kanishev, Zap. Vses. min. ob-va 95 no. 2:222-224 '66.

TRANSBAIKALIA—ORE DEPOSITS

Some data on the lithology on the ore-enclosing horizons of carbonate rocks in the Akatuy ore zone (eastern Transbaikalia). V. P. Dolganov, S. F. Red'kin, Izv. vys. ucheb. zav.; geol. i razv. 9 no. 3:75-86 Mr '66.

TRANSBAIKALIA—PALEONTOLOGY, STRATIGRAPHIC

Paleontological basis of the Middle Paleozoic stratigraphy of the Far East and Transbaikalia. E. A. Modzalevskii, Trudy VSEGEI 115:3-12 '65.

Permian fauna of Transbaikalia. M. V. Kulikov, Trudy VSEGEI 115:13-26 '65.

TRANSBAIKALIA—PLANTS—CHEMICAL ANALYSIS

Phytochemical study of plants of Transbaikalia used in Tibetan medicine. K. F. Blynova, L. D. Musaleva, Farmatsev. zhur. 19 no. 2:44-47 '64.

TRANSBAIKALIA—ROCKS, CARBONATE

Some data on the lithology on the ore-enclosing horizons of carbonate rocks in the Akatuy ore zone (eastern Transbaikalia). V. P. Dolganov, S. F. Red'kin, Izv. vys. ucheb. zav.; geol. i razv. 9 no. 3:75-86 Mr '66.

TRANSBAIKALIA—STONE AGE

New Upper Paleolithic site in Transbaikalia. V. Kh. Shamsutdinov, Biol. Kom. chetv. par. no. 32:128-133 '66.

TRANSCARPATIA—ADULT EDUCATION

History of the liquidation of illiteracy and semiliteracy in Transcarpathia during the Soviet regime. I. P. Burkalo, Ukr. ist. zhur. 10 no. 5:96-104 My '66.

TRANSCARPATIA—FIR

Regularities in the distribution of trees according to thickness in the uneven-aged fir stands of Transcarpathia. I. I. Molotkova, Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:42-46 '66.

TRANSCARPATIA—FORESTS AND FORESTRY—VALUATION

Regularities in the distribution of trees according to thickness in the uneven-aged fir stands of Transcarpathia. I. I. Molotkova, Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:42-46 '66.

TRANSCARPATIA—GEOLOGY, STRATIGRAPHIC

New data on the Paleogene stratigraphy of the Marmarosh rock zone (Transcarpathia). N. V. Dalaglan, S. S. Kruglov, S. S. Smirnov, Sov. geol. 10 no. 9:132-134 S '65.

TRANSCARPATIA—METEORITES

Minerochemical studies of Knyaghyra meteorite A. A. Iashinskii, Min. shor. 19 no. 2:172-109 '65.

TRANSCARPATIA—POTATOES—DISEASES AND PESTS

Occurrence and harmfulness of potato mosaic viruses in Transcarpathia. M. I. Mendzhul, Mikrobiol. zhur. 20 no. 2:46-51 '66.

TRANSCARPATIA—VIRUS DISEASES OF PLANTS

Occurrence and harmfulness of potato mosaic viruses in Transcarpathia. M. I. Mendzhul, Mikrobiol. zhur. 20 no. 2:46-51 '66.

TRANSCAUCASIA—GEOLOGY, STRUCTURAL

Plan for geological and geophysical regionalization of the Armenian S.S.R. and adjacent parts of the "Armenian" S.S.R. A. A. Gabrielian, L. K. Tatevosian, Izv. AN Arm. SSR, Nauka o zem. 10 no. 1/2:21-33 '66.

TRANSCAUCASIA—HISTORY

Akademii nauk SSSR. Institut istorii. [History of the U.S.S.R. from ancient times to our day in two series and twelve volumes] Istoriia SSSR s drevneishikh vremen do nashikh dni v dvukh seriakh, v dvenadtsati tomakh. Glav. red. sovet: D. N. Ponomarev i dr. Moskva, Nauka. [First series. Vols. 1-6. From ancient times to the Great October Socialist Revolution] Pervaya seria. Tomy I-VI. S drevneishikh vremen do Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Glav. red. B. A. Rybakov. Vol. 1. Pletneva, S. A., and B. A. Rybakov, eds. Social system of primitive rural communities. The ancient states of Transcaucasia and Central Asia. Ancient Rus' (before the 13th century) Pervobytnoobshchestvennyi stroi. Drevneiashie gosudarstva Zakavkaz'ia i Srednei Azii. Drevniia Rus' (do nachala XIII v.). 1966. 716 p.

TRANSCAUCASIA—KURDS

Aristova, T. F. [The Kurds of Transcaucasia; a historical and ethnographic study] Kurdy Zakavkaz'ia; istoriko-etnograficheski ocherk. Moskva, Nauka, 1966. 208 p.

TRANSCAUCASIA—MOLLUSKS, FOSSIL

Cyrena layers in Transcaucasia. K. A. Alizade, Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3:43-50 '64.

TRANSCAUCASIA—TEXTILE INDUSTRY

Labor resources and size of newly built textile enterprises under the conditions of Transcaucasia. V. G. Dolidze, Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:10-13 '68.

TRANSCAUCASIA—TREES

Makhatadze, L. B., and L. D. Popov. [Forest types in Transcaucasia; a practical guide for forest managers] Tipy lesov Zakavkaz'ia; prakticheskoe rukovodstvo dlia lesoustroiteliei. Moskva, Lesniiia promyshlennost', 1965. 131 p. (DNL)

TRANSCAUCASIAN ECONOMIC REGION—TEXTILE INDUSTRY

Direction of effective specialization and distribution of the textile industry in the Transcaucasian Economic Region. R. M. Guseinov, Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6:54-66 '65.

TRANSDUCERS

Compensated measuring transducers with Hall units. V. V. Ibraiko, P. P. Ornatkii, S. G. Tarasov. *Avtometriia* no. 1:3-10 '66.

Estimating the inertia degree of temperature transducers. L. G. Sobolev, V. P. Petrov. *Trudy TSNIIM* no. 77:37-39 '65.

Inductive and capacitive transducers with a π armature. L. A. Sribner. *Stan. i instr.* 37 no. 5:20-22 My '66.

Introduction-impedance data pickup with an annular magnetic circuit. V. K. Zhukov, V. E. Droizin, I. G. Lezhchenko. *Defektoskopia* 2 no. 2:14-22 '66.

Kulikovskii, L. F., and M. F. Zaripov. [Inductive displacement converters with distributed parameters] *Induktivnye preobrazovateli peremeshchenii s raspredelenymi parametrami*. Moskva, Energiia, 1966. 111 p. (Biblioteka po avtomatike, no. 156)

Litvak, V. I. [Photoelectric transducers in check, regulation, and control systems] *Fotoelektricheskie datchiki v sistemakh kontrolya, upravleniya i regulirovaniya*. Moskva, Nauka, 1966. 409 p.

Pulse pickup of linear displacements. I. A. M. Pozin, A. N. Stiusarev. *Priborostroenie* no. 5:21-22 My '66.

Selection of the material and determination of optimal thickness of the discontinuity element. I. A. Nablav, A. A. Dzhavayev, M. Sh. Guseinov. *Za tekhn. prog.* 6 no. 4:1-3 Ap '66.

Study of contactless induction transducers for gyroscopic devices. I. U. M. Pul'fer, I. U. A. Kolesov. *Trudy MIT* no. 21:43-63 '65.

System for automatic dosing-out of milk of lime and coagulant using one DM transducer. I. U. N. Novozhilov. *Energetika* 14 no. 5:25-26 My '66.

Transistorized device for signaling the swarming of bees. I. Glyzin. *Radio* no. 4:55-56 Ap '66.

TRANSDUCERS see Magneto amplifiers

TRANSFORMATIONS (MATHEMATICS)

Application of a certain integral transformation in the analysis of fiber spectra. D. A. Samonukova. *Izv. vys. ucheb. zav.; tekhn. tekst. prom.* no. 2:76-81 '66.

TRANSIENTS (DYNAMICS)

Transient processes in a ball mill. E. V. Utensh, Z. V. Utensh. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:165-170 '66.

TRANSIENTS (ELECTRICITY)

Equations of transient electromechanical processes of a three-phase asynchronous control motor with approximated consideration of saturation. S. V. Strakhov. *Trudy MIT* no. 21:97-100 '65.

Gavrilov, G. K. [Approximation methods for the analysis of transient processes] *Priblizhennoye metody analiza peremennyykh protsessov*. Moskva, Sovetskoe radio, 1966. 151 p.

Study of transient protection in electric power systems by the use of computers. A. I. Vinogradova, E. G. Mikhailova, N. K. Shvachov. *Sudostroenie* 56 no. 3:40-45 Mr '66.

TRANSISTOR AMPLIFIERS

Cascade W amplifier. E. Syrenkov. *Radio* no. 4:29-30 Ap '66.

Guarantee of stable operation of transistor amplifier stages in a wide range of temperature and parameter values. G. V. Vashylina. *Elektronvuz* 20 no. 5:10-15 My '66.

Pavlov, V. V. [Transistor amplifiers of small d.c. signals for industrial automatic control systems] *Poluprovodnikovye ustroystva malyykh signalov postolnogo toka dlia sistem promyshlennoi avtomatiki*. Moskva, Energiia, 1966. 120 p. (Biblioteka po avtomatike, no. 152)

Selective RC amplifier. M. F. Ponomarev. *Izv. vys. ucheb. zav.; radiotekh.* 9 no. 2:232-250 Mr-Ap '66.

TRANSISTOR CIRCUITS

Akademiia nauk Kirgizskoi SSR, Frunze. *Institut avtomatiki*. [Networks and devices with discrete operation] *Uzly i ustroystva diskretnogo deystviya*. Frunze, Ilim, 1966. 48 p.

Gol'man, G. A., and E. A. Sogkin. [Contactless components in automatic networks and systems control] *Beskontaktnyye elementy v skhemakh i ustroystvakh avtomatiki*. Moskva, Energiia, 1966. 87 p. (Biblioteka elektronov, no. 180)

Stability criterion of tunnel diode circuits. V. P. Voronko. *Radiotekh. i elektron.* 11 no. 5:983-994 My '66.

Switching and regulating devices using asymmetrical thyristors. N. Kh. Sitnik, V. S. Bogryi. *Elektricheskoye* no. 5:53-57 My '66.

TRANSISTOR RADIOS

Miniature radio receivers. I. Kartuzov. *Radio* no. 12:52 '66.

TRANSISTORS

Branching of the input current in the collector region of a junction transistor. I. U. A. Tyaseev, V. E. Chelnokov. *Radiotekh. i elektron.* 11 no. 5:956-960 My '66.

Calculation of transient processes in field-effect transistors with insulated gate in a saturated mode. Z. S. Grubnikov. *Radiotekh. i elektron.* 11 no. 5:901-906 My '66.

[Principles of radio engineering and radar; display units, rectifiers, and semiconductor devices] *Osnovy radioelekhniki i radiolokatsii; indikatory, vypramliteli i poluprovodnikovyye pribory*. [By] V. Z. Slutskii i dr. Izd. 2., perer. i dop. Moskva, Voenizdat, 1966. 429 p.

Thin-film resistors and transistors. V. Pasyukov and others. *Radio* no. 12:35-36 D '65.

TRANSISTORS—COOLING

Heat sinks for power transistors. O. Akhmatova, V. Grigor'ian, I. O. Ovchinnik. *Radio* no. 4:36-37 Ap '66.

TRANSISTORS—MEASUREMENT

Measurement of transistor parameters. A. Sobolevskii. *Radio* no. 4:51-52 Ap '66.

TRANSISTORS—TESTING

Mal'shev, V. V. [IPP-1 transistor testing device] *Ispytatel' poluprovodnikovyykh priborov (IPP-1)*. Moskva, Energiia, 1965. 39 p. (Massovaya radiobiblioteka, no. 563)

TRANSITION METALS

Some laws governing the physical properties of transition metals. G. V. Samsonov, V. N. Paderno. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:64-67 '66.

TRANSLATING AND INTERPRETING

From scientific analysis to poetic synthesis. V. Koptilov. *Rad. Lit.* 10 no. 3:45-55 My '66.

TRANSPORTATION

(see also subdivision under Tashkent)

Efficiency of mixed automotive-railroad and direct automotive freight haulage. G. R. Guseinov. *Za tekhn. prog.* 6 no. 4:46-48 Ap '66.

Moscow. Institut kompleksnykh transportnykh problem. [Method of calculation and the economic indices for the distribution of conveyance among types of transport] *Metodika raschetov i ekonomicheskie pokazateli dlia raspredeleniya perevozkov mezhdu vidami transporta*. Pod red. V. I. Dmitrieva. Moskva, Transport, 1966. 523 p.

TRANSPORTATION—ABSTRACTS

[Industrial transportation] *Ref. zhur.: Prom. transp.* no. 5 My '66.

TRANSPORTATION—MATHEMATICAL MODELS

Dynamic transportation problem. V. L. Makarov. *Trudy IIEI* no. 58:191-193 '66.

Inhomogeneous problems of distribution of the transportation type. A. A. Korbut, V. V. Malinikov. *Trudy IIEI* no. 58:194-198 '66.

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Azerbaijan)

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Universal decimal classification; automotive transportation, highways, and the related areas of science and technology] *Universal'naya dekadicheskaya klassifikatsiya avtomobil'nykh transport, avtomobil'nye dorogi i smezhnyye oblasti nauki i tekhniki*. MPD 364. Moskva, Transport, 1965. 111 p.

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS

[Automotive and city transportation] *Ref. zhur.: Avt. i gor. transp.* no. 5 My '66.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

Aksenova, Z. I. [Analysis of production and financial operations of an automotive transportation unit] *Analiz proizvodstvenno-finansovoi deyatelnosti avtokhoziaistva*. Moskva, Transport, 1966. 252 p.

TRANSPORTATION, AUTOMOTIVE—MANAGEMENT see subdivision under Tashkent

TRANVICYCLOPROMINE

New drugs. *Farmatsev. zhur.* 10 no. 2:93-95 '64.

TRAUMATISM

Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut travmatologii i ortopedii. [Problems of traumatology and orthopedics; materials for the summarizing scientific conference of the Leningrad Scientific Research Institute of Traumatology and Orthopedics, April 1965] *Voprosy travmatologii i ortopedii; materialy k itogovoi nauchnoi konferentsii Leningradskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii, aprel' 1965 goda*. Leningrad, 1965. 120 p. (DNLM)

Report on the work of the societies of traumatologists and orthopedists for June 1964. A. P. Skoblin, A. M. Belous. *Ortop. travm. i protez.* 25 no. 10:86-84 O '64.

Specific characteristics of the reactivity of the organism of cattle to injuries. G. S. Maslyko. *Uch. zap. Viteb. vet. inst.* 18:135-144 '64.

TRAVELING-WAVE TUBES

Analysis of transient processes in traveling-wave amplifiers in segments of long lines. G. G. Iukhtanov. *Izv. vys. ucheb. zav.; radiotekh.* 9 no. 2:224-231 Mr-Ap '66.

TRAVELING-WAVE TUBES—NOISE

Minimization of the noise factor of a traveling-wave tube, taking into account the current drop at the input of the delay system. A. F. Golubentsev, L. M. Menkin. *Radiotekh. i elektron.* 11 no. 5:936-938 My '66.

TRAVERSES (SURVEYING)

Results of field testing of the "Unified method of measuring horizontal angles in all classes of triangulation and traversing." G. A. Krotkov. *Geod. i kart.* no. 3:15-19 Mr '66.

Using the AD-1 range finder for measuring lines in traversing. E. I. Rykhiuk and others. *Geod. i kart.* no. 3:35-38 Mr '66.

TRAWLS AND TRAWLING

Determining the strength of hauling rope during retrieval. E. A. Karpenko. *Ryb. khoz.* 42 no. 4:45-48 '66.

Device for winding trawl cables on stopper and holding them during trawling. V. P. Lukin. *Ryb. khoz.* 42 no. 4:50 '66.

Effect of difference in cable length on horizontal opening of a trawl. V. P. Kondrat'ev. *Ryb. khoz.* 42 no. 3:47-48 '66.

Experience in deep trawling. I. M. Kudakov, I. V. Belov. *Ryb. khoz.* 42 no. 4:34-36 '66.

How to increase vertical opening of a trawl. V. Savost'ianov. *Ryb. khoz.* 42 no. 3:41 '66.

Some indices of the economic efficiency of BMRT trawlers in the northern basin. B. N. Akimov. *Ryb. khoz.* 42 no. 3:82-83 '66.

TREES see subdivision under Transcaucasia

TREES—DISEASE AND PEST RESISTANCE

Insect resistance of trees and the effect of their physiological condition on the reproduction of injurious insects. P. A. Polozhentsev. *Blul. Glav. bot. sada* no. 56:78-83 '65.

TREES—DISEASES AND PESTS

(see also subdivision under Krasnodar Territory)

Harmfulness of the measuring worm *Operophtera brumata* L. in the orchards and parks of Leningrad Province. Z. G. Belosel'skaia. *Zap. LSKH* 95:74-83 '65.

TREES—PHYSIOLOGY

Effect of trace elements on respiration and other physiological processes in some trees. M. M. Ivanov. *Fiziol. rast.* 13 no. 1:82-90 Ja-F '66.

TREMATODA

Diurnal cycle of the activity and behavior of ants (*Formica pratensis* Retz.) invaded by *Dicrocoelium lanceatum* metacercaria during the grazing period. I. A. Anokhin. *Zool. zhur.* 45 no. 5:687-692 '66.

Metacercaria of trematodes in *Branchiostoma lanceolatum* (Pall.) of the Black Sea. V. E. Zaika. *Zool. zhur.* 45 no. 5:768-769 '66.

Skriabin, I. I. [Trematodes of animals and man; principles of trematodology] *Trematody zhivotnykh i cheloveka; osnovy trematodologii*. Moskva, Nauka.

Vol. 22. 1966. 520 p.

TRESTLES

Calculating the two-sided columns of open crane trestles. L. Liubarskii. *Prom. stroi. i inzh. soor.* 5 no. 6:41-42 N-D '63.

High open-type crane trestle. V. Pigulevskii. *Prom. stroi. i inzh. soor.* 5 no. 6:16-18 N-D '63.

Standard requirements for the horizontal transverse travel of the top of the columns of open crane-runway trestles. M. Vladovskii, M. Samoletov. *Prom. stroi. i inzh. soor.* 5 no. 4:55-57 Ji-Ag '64.

TRIANGULATION

Optimum planning of triangulation work. K. V. Bozhanov. *Geod. i kart.* no. 3:9-15 Mr '66.

Results of field testing of the "Unified method of measuring horizontal angles in all classes of triangulation and traversing." G. A. Krotkov. *Geod. i kart.* no. 3:15-19 Mr '66.

TRIAZENE—SPECTRA

Studying the hydrolysis of alkylaryl triazenes. Part 1. Analysis of alkylaryl triazene spectra. V. K. Kruglov, A. P. Ershov, A. A. Kharkharov. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 1:105-108 '66.

TRIAZINE

Effect of simazine and atrazine on the agrochemical properties of soils. S. D. TSvetkova. *Vest. sel'khoz. nauki* 11 no. 2:125-127 F '66.

Simazine and atrazine in young orchards. L. Iurina. *Zashch. rast.* 11 no. 5:33 '66.

TRIAZINE (Continued)

Syntheses of the 1,3,5-triazine series. Part 5: Imino-perfluorocarboxylic acid esters; synthesis, properties, mechanism of cyclopolymerization to 1,3,5-triazine derivatives. A.I.Akubovich and others. *Zhur.ob.khim.* 36 no.5:862-871 My '66.

TRIBUTYLAMINE

Extraction of cobalt complexes with hydroxy acids in the presence of tributylamine. I.V. Platnitskii, R.S. Kharchenko. *Ukr.khim.zhur.* 32 no.5:503-507 '66.

TRICHODERMA

How to obtain and preserve trichodermin. P. Zuev. *Zashch. rast.* 11 no.3:44 '66.

TRICHOMONAS—CULTURES AND CULTURE MEDIA

Culture media for trichomonad cultivation. P.N. Li. *Veterinariia* 43 no.5:93-100 My '66.

TRICHOMONIASIS

Study of 1-methyl-4-chloro-5-nitroimidazole (chlomisole) in experimental trichomoniasis and giardiasis. F.N. Ismailov, N.A. Novitskaia, G.N. Pershina. *Farm.i toks.* 29 no.2:201-206 Mr-Apr '66.

Treatment of herd bulls with trichomoniasis. A.V. Golikov, N.V. Batiuta. *Veterinariia* 43 no.5:79-80 My '66.

TRICONTINENTAL SOLIDARITY CONFERENCE, HAVANA, 1966

The Tricontinental works. *Nov.yrem.* 23 no.24:3 Je '66.

TRIDECYLAMINE

Complex formation in nonaqueous solutions. Part 10: Reaction of tridecylamine with acetic acid. A.A. Chalkhorskii, B.P. Nikol'skii, B.A. Mikhailov. *Radiokhimiia* 8 no.2:163-171 '66.

TRIGGER CIRCUITS

Akademii nauk Kirgizskoi SSR, Frunze, Institut avtomatiki. [Networks and devices with discrete operation] *Uzly i ustroystva diskretnogo deystviia.* Frunze, Ilim, 1966. 48 p.

TRIHXYLAMINE

Complex formation in nonaqueous solutions. Part 4: Extraction of nitric acid by trihexylamine. B.IA. Galkin, A.A. Chalkhorskii. *Radiokhimiia* 8 no.2:154-163 '66.

TRILIBITES see subdivision under Altai Mountains; Salair Range

TRIPLE BONDS

Synthesis of cellulose ether containing triple carbon-carbon bonds. G.S. Masaidova and others. *Vysokom. soed.* 8 no.5:865-869 My '66.

TRITIUM

Routinization of the H³-thymidine label of DNA by the cells of mouse adrenal glands under stress. M.IA. Nekhtil'dova. *Probl.endok.i gorm.* 12 no.3:81-87 My-Je '66.

TROLITE

Temperatures of the formation of pyrrhotite and find of trolites in some trap intrusions. V.V. Zolotukhin and others. *Geol.i geofiz.* no.2:77-87 '66.

TROPICAL CROPS—FERTILIZERS AND MANURES see subdivision under Georgia

TRUCK DRIVERS

The roads and highways are not smooth. G. Kachkin. *Sov. profsoyuz* 22 no.9:28-31 My '66.

TRUCK TRAILERS

Panel vans for industrial construction. I. Skachkov. *Prom. stroi. i inzh. soor.* 5 no.6:53-57 N-D '66.

TRUCK TRAILERS—FRAMES

Investigating stressed state of the frame of the ChMZAP-5208 trailer. V.P. Kopyrov. *Avt.prom.* 32 no.4:20-22 Ap '66.

TRUCK TRAILERS—MAINTENANCE AND REPAIR

Ostrovskii, V.S., V.A. Stepanov, and S.M. Babusenko. [Repair of motor-vehicle and tractor trailers and bodies] *Remont avtotraktornykh pritsopov i kuzovov.* Moskva, Kolos, 1965. 108 p. [Bibliotekha rabochego-remontnika]

TRUCK TRAILERS—TIRES

Side slip of elastic tires of a steerable semitrailer. A.P. Kolkakov, S.S. Ermitov. *Avt.prom.* 32 no.4: 17-19 Ap '66.

TRUSSES

Checking the three-dimensional stability of a combined arched truss. I.E. Stepanov. *Trudy MNT* no.225: 100-103 '65.

TRUTHFULNESS AND FALSEHOOD

Petrov, S.G. [Truth of life and truth of art] *Pravda zhizni i pravda iskusstva.* Moskva, Sovetskii pisatel', 1965. 119 p. (NIP)

TRYPSIN

Study of ovalbumin hydrolysis by trypsin. E.D. Kaverzheva, F.V. Shmakova. *Biokhimiia* 31 no.2:380-386 Mr-Apr '66.

TRYPTAMINE—PHYSIOLOGICAL EFFECT

Effect of indopan on white rats and their progeny. A.I. Iakovleva, M.N. Sorokina. *Farm.i toks* 29 no.2: 224-229 Mr-Apr '66.

TRYPTOPHAN

Effect of potassium iodide on the luminescent properties of tryptophan. E.A. Chernitskii. *Dokl. AN BSSR* 10 no.4:262-264 Ap '66.

TSELINNY KRAY see Virgin Territory

TSELINOGRAD—BUILDING MATERIALS INDUSTRY

About dependents, quality, and losses in the millions. A. Bendz'. *Nar. khoz. Kazakh.* 24 no.4:61-63 Ap '66.

TSELINOGRAD—LIBRARY EXHIBITS

The Room of battle glory. M. Serebriannaya. *Bibliotekar'* 43 no.5:20-21 My '66.

TSELINOGRAD—PRECAST CONCRETE

About dependents, quality, and losses in the millions. A. Bendz'. *Nar. khoz. Kazakh.* 24 no.4:61-63 Ap '66.

TSELINOGRAD PROVINCE—TILLAGE

Soil cultivation system. A.I. Baraev. *Zemledelie* 28 no.4:16-22 Ap '66.

TSEMS BAY—SALVAGE

Setting afloat the grounded British motor ship "Lord Gladstone." G. Artukhov. *Mor. flot* 24 no.3:32-33 Ja '64.

TSIMLYANSK RESERVOIR—VIMBA

Vimba in Tsimlyansk Reservoir. T.S. Mokriak. *Ryb.khoz.* 42 no.4:28-29 '66.

TSULUKIDZE, ALEKSANDR GRIGOR'EVICH, 1876-1905

Ebnoldze, L. [Aleksandr Tsulukidze; a biographical essay] *Aleksandr Tsulukidze; biograficheski ocherk.* Tbilisi, Sabchota Sakartvelo, 1965. 126 p.

TSVETKOV, ALEKSEI IVANOVICH, 1902-1965

Aleksandr Ivanovich Tsvetkov; obituary. *Izv. AN SSSR, Ser. geol.* 31 no.5:131-133 My '66.

TUBERCULIN

Effect of cortisone on the development of tuberculin allergy; experimental study. V.I. Ermolov, K.L. Volchenko. *Probl.tub.* no.5:75-79 '64.

Estimate of the intracutaneous tuberculin reaction. V.I. Matyushin, P.I. Zhidakov. *Veterinariia* 43 no.5:19-20 My '66.

TUBERCULIN—STANDARDS

Comparative study of tuberculin. E.A. Ginzburg, M.P. Zhukova, A.S. Svitneva. *Zhur.mikrobiol., epid. i immun.* 41 no.3:54-58 Ag '64.

TUBERCULIN—TESTING

Comparative diagnostic value of "old" tuberculin and dried purified tuberculin. R.A. Dobrovolskaia. *Probl.tub.* no.9:30-35 '64.

Tuberculin diagnosis from Pirquet to the present time. A.E. Rabukhin. *Probl.tub.* no.5:16-20 '64.

TUBERCULOSIS

[see also subdivision under Caspian Lowland; Russia, Northern; Ukraine]

Allergy in tuberculosis nursing in infants and young children. T.S. Hershanskaya. *Probl.tub.* no.9:26-29 '64.

Association of tuberculosis and lung cancer. I.I. Nelmar, D.A. Naimark. *Probl.tub.* no.9:82-84 '64.

Bronchoscopy in the clinical aspects of minor forms of tuberculosis. V.V. Malov. *Probl.tub.* no.5:20-25 '64.

Cancer of the lungs in the clinical aspects of tuberculosis. A.K. Poleschuk. *Probl.tub.* no.6:41-46 '64.

Capillary resistance and permeability in pulmonary tuberculosis. L.S. Sapozhnikova. *Probl.tub.* no.7:45-50 '65.

Case of a successful decortication combined with the resection of the upper lobe in ineffective extrapleural plombage with lucid balls. I.U.N. Pavlova. *Grud.khir.* 8 no.2:123-125 Mr-Apr '66.

Changes in the heart and vascular system in patients with diabetes mellitus and tuberculosis. K.IA. Kolesberda. *Probl.tub.* no.9:21-25 '64.

Clinical forms of amyloid dystrophy in pulmonary tuberculosis. D.Z. Kagan. *Probl.tub.* no.7:56-62 '65.

Clinical recovery in disseminated, focal and infiltrative forms of pulmonary tuberculosis in adolescence. M.D. Rozanova and others. *Probl.tub.* no.6:32-36 '64.

Clinicomorphological characteristics of bronchial fistulas following pneumonectomy in tuberculosis. L.K. Bogush and others. *Probl.tub.* no.7:12-18 '65.

Comparative data on phthivazide and methazid inactivation in the body of tuberculosis patients. G.A. Smirnov, T.I. Kozulitsina. *Probl.tub.* no.5:69-74 '64.

Course and outcome of pulmonary tuberculomas following conservative treatment. V.P. Krzhivitskaia, N.G. Feldsherova. *Probl.tub.* no.7:41-45 '65.

Course and outcome of pulmonary tuberculosis diagnosed for the first time in the adult population of a rural area. O.G. Leonov. *Probl.tub.* no.9:14-18 '64.

Course of pulmonary tuberculosis and the effectiveness of antibacterial therapy in elderly persons. A.A. Reinal'd. *Probl.tub.* no.7:31-36 '65.

Decortication and pleurectomy in tuberculosis. T.V. Epshtein. *Probl.tub.* no.7:36-41 '65.

Diencephalic syndrome in tuberculosis. M.G. Fainberg. *Probl.tub.* no.5:44-50 '64.

Early exacerbations of tuberculosis following lung resection. G.A. Kachkina. *Probl.tub.* no.7:19-23 '65.

Effect of large doses of caffeine on the formation of immunity to tuberculosis in vaccinated white mice. A.E. Perel'man. *Bliz. eksp. biol. i med.* 58 no.9:102-105 S '64.

Effect of phthivazide on immunogenesis in vaccination against diphtheria and whooping cough in children with manifestations of primary tuberculosis. B.IA. Reznik. *Zhur.mikrobiol., epid. i immun.* 41 no.8:50-54 Ag '64.

Effect of radiotherapy of esophageal cancer on the course of pulmonary tuberculosis. T.A. Tretyakova. *Med. rad.* 9 no.4:17-20 Ap '64.

Excretion of uropesin in pulmonary tuberculosis patients. L.P. Chumakova. *Probl.tub.* no.6:37-41 '64.

Hematogenic disseminated tuberculosis of the lungs and its outcome based on dispensary data. A.D. Evdokimova. *Probl.tub.* no.6:11-17 '64.

Kharkov. Ukrainskii institut usovershenstvovaniia vracheb. [Problems of the diagnosis and treatment of tuberculosis] *Voprosy diagnostiki i lecheniia tuberkuleza.* Kharkov, [Izd-vo Khark'ovskogo gos. univ.] 1961. 219 p. (DNLM)

Lung resection in focal tuberculosis. V.D. Gol'dshteyn, B.S. Dubasov, I.I. Frishberg. *Grud.khir.* 8 no.2: 94-98 Mr-Apr '66.

Methodology for the determination of late results of the treatment of tuberculosis patients. N.V. Dagle. *Uch. zap. po stat.* 9:43-59 '65.

Organization and effectiveness of the work regimen during the period of treatment of tuberculosis patients. Sh.R. Topchiev. *Probl.tub.* no.6:3-8 '64.

Physiotherapeutic methods of treatment in the clinical aspects of tuberculosis. S.R. Lachinin, T.I. Eremicheva. *Probl.tub.* no.6:18-24 '64.

Pyridoxine metabolism and transaminase activity of blood serum in patients with pulmonary tuberculosis during chemotherapy. V.D. Gol'dshteyn. *Vop.med. khim.* 12 no.3:234-239 My-Je '66.

Resection of lungs in pulmonary tuberculosis patients detected for the first time. O.Z. Goretskaya, D.B. Il'eznik, I.A. Chatskii. *Probl.tub.* no.7:81-82 '65.

Respiratory gymnastics in the compound treatment of pulmonary tuberculosis. I.U.I. Piliimonov. *Probl.tub.* no.6:24-31 '64.

Results of bronchoscopy and bronchoecopy in pulmonary tuberculosis. G.A. Kanper. *Probl.tub.* no.9:28-32 '64.

Results of the treatment of patients with active pulmonary tuberculosis detected for the first time according to dispensary data. M.S. Shnitser and others. *Probl.tub.* no.5:14-15 '64.

Role of puncture biopsy of the liver in the diagnosis of amyloidosis of the internal organs in patients with pulmonary tuberculosis. I.V. Afanas'ev. *Probl.tub.* no.9: 49-56 '64.

Secretion of uropesin in tuberculous children. G.V. Cherednikova. *Probl.tub.* no.7:65-70 '65.

Secretory function of the stomach in pulmonary tuberculosis. L.P. Chumakova. *Probl.tub.* no.9:57-62 '64.

Significance of bronchoscopy and bronchographic examination of children with pulmonary tuberculosis and pleuropneumocystosis. M.V. Shesterina, G.F. Sokolova, E.S. Sidorkina. *Probl.tub.* no.7:51-58 '65.

Significance of bronchoscopy in the detection of bronchopulmonary cancer in pulmonary tuberculosis. I.U. M. Guzev. *Probl.tub.* no.9:84-85 '64.

Significance of bronchospirometry in clinical practice and surgical treatment of pulmonary tuberculosis. V.D. Iampol'skaya. *Sov.med.* 28 no.9:65-69 S '64.

Some blood coagulation indices in experimental tuberculosis. E.E. Polushkina. *Probl.tub.* no.5:70-82 '64.

Study of the coagulation properties of the blood following surgical interventions in tuberculosis patients. Z.IA. Lipskii. *Probl.tub.* no.6:49-55 '64.

Surgical treatment of extrapleural empyema. A.A. Priimak. *Probl.tub.* no.6:56-59 '64.

Tomographic study of intrathoracic lymph nodes and bronchovascular changes in pulmonary tuberculosis. G.V. Gol'tsman. *Probl.tub.* no.6:59-63 '64.

Tuberculous mesenteritis in the light of surgical observations. A.A. Kalendarev. *Probl.tub.* no.5:38-43 '64.

TUBERCULOSIS—CONGRESSES

8th International Congress on Tuberculosis, 1st. Minsk, 1963. [Problems of tuberculosis control; materials] Voprosy bor'by s tuberkulezom; materialy. Minsk, Belorusskii nauchno-issl.-i tuberkuleza, 1964. 318 p. (DNLM)

TUBERCULOSIS—HOSPITALS AND SANATORIUMS see subdivision under Teberda (Stavropol Territory); Yalta

TUBERCULOSIS—PREVENTION

(see also subdivision under Kazakhstan; Zastavna District)

Experience of a practical phthisiologist in an industrial enterprise. S. I. Kheifets. Probl. tub. no. 5:11-13 '64.

Results of fluorographic examination of the population in association with specific tuberculosis prevention. M. V. Gaidar. Probl. tub. no. 5:9-11 '64.

TUBERCULOSIS AND LITERATURE

Tuberculosis in the life and works of A. P. Chekhov; on his 60th anniversary of his death. Sándor Székely. Probl. tub. no. 8:3-9 '64.

TUBERCULOSIS IN ANIMALS

Methods for the differentiation and the sensitizing properties of various strains of *Mycobacterium*. G. A. Iudin. Veterinarlia 43 no. 5:10-13 My '66.

Simultaneous test in tuberculosis diagnosis. P. I. Kokurichev. Veterinarlia 42 no. 4:26-30 Ap '66.

Tuberculosis in swine and problems of veterinary hygiene expertise. I. A. Savol'ev, A. N. Mitronov. Trudy VNIIVS 16:186-189 '66.

TUBERCULOSIS IN POULTRY

Chemoprophylaxis of tuberculosis in poultry. V. F. Petrov, A. A. Slupchovskii, V. A. Kuznetsov. Uch. zap. Viteb. vet. inst. 18:219-227 '64.

Simultaneous diagnosis of tuberculosis and pullorum disease in poultry. I. Balchunas. Veterinarlia 43 no. 5:32-33 My '66.

TUBERCULOSIS RESEARCH

Experimental model of latent tuberculosis infection. V. F. Chernyshev and others. Probl. tub. no. 6:67-72 '64.

TUBES

Straightening of cold-drawn tubes before heat treatment. N. M. Kolpovskii and others. Metallurg 11 no. 5:33 My '66.

TUBES—TESTING

Ultrasonic flaw detection in small diameter pipe. I. A. F. Antkeev, V. I. Teverovskii, N. I. Pantkov. Defektoskopiia 2 no. 2:44-51 '66.

TUGLAS, FRIEDEDERT, 1866-

Rummel, P., comp. [Friedebert Tuglas in word and picture] Friedebert Tuglas sõnad ja pildid. Tallinn, Eesti Raamat, 1966. 221 p. illus. [In Estonian]

TULA—ORTHOPEDIC APPARATUS INDUSTRY

One year later. P. Semidetova. Sots. obshch. 41 no. 5:44-47 My '66.

TULARAEMIA

(see also subdivision under Yakutia)

Effect of irradiation of the multiplication of bacteria of tularaemia vaccine strain in the body of mice and guinea pigs. A. S. Shvachev. Zhur. mikrobiol., epid. i immun. 43 no. 4:107-111 Ap '66.

Photometric analysis of bacterial suspensions. Report No. 4: Possibilities of utilizing the osmotic effect for determining the relationship between live and dead cells in suspensions of tularaemia bacilli. B. A. Fishman, L. V. Strotkin, V. G. Petukhov. Zhur. mikrobiol., epid. i immun. 43 no. 4:130-134 Ap '66.

TUMORS

Comparative pathological analysis of the frequency and nature of tumors in different mammals. L. A. Iakovleva, B. A. Lapin. Vest. AMN SSSR 21 no. 5:65-74 '66.

Metastases from the kidneys and adrenal glands into the lungs. N. I. Rybnikova. Vest. rent. i rad. 41 no. 2:31-37 Mr.-Ap '66.

Secretion of the growth hormone in patients with malignant and benign tumors. T. P. Makarenko, B. M. Gazetov. Vest. khir. 96 no. 4:42-44 Ap '66.

TUNA FISH

(see also subdivision under Indian Ocean)

Production and use of ice on a tuna factory ship. A. G. Ionov. Ryb. khoz. 43 no. 3:54-57 '66.

TUNGSTEN

Oscillographic polarography of tungsten. I. M. Gavrilko, P. N. Kovalenko, K. N. Bagdasarov. Ukr. khim. zhur. 32 no. 5:514-517 '66.

Oxygen adsorption on face (110) of tungsten single crystals. I. A. P. Zingerman, V. A. Ischuk. Fiz. tver. tela 8 no. 3: 912-919 Mr '65.

Thermal dissociation of molecules of sodium chloride and sodium iodide on a tungsten surface. N. I. Ionov, M. A. Mityayev. Zhur. tekhn. fiz. 35 no. 10:1863-1868 O '65.

TUNGSTEN CRYSTALS

Cesium adsorption on faces of tungsten single crystals. A. P. Ovchinnikov, B. M. Tsarev. Fiz. tver. tela 8 no. 5:1493-1497 My '66.

Studying the emission properties of germanium on various faces of tungsten single crystals. N. V. Mieshskina, I. L. Sokol'skaya, L. B. Kis. Fiz. tver. tela 8 no. 5:1390-1393 My '66.

TUNGSTEN CRYSTALS—THERMOELECTRIC PROPERTIES

Thermionic properties of faces (110) and (111) of tungsten single crystals covered with a thorium film. L. K. Dikova, E. P. Sytaia, G. N. Shuppe. Fiz. tver. tela 8 no. 3:936-938 Mr '66.

TUNGSTEN-MOLYBDENUM-TANTALUM ALLOYS

Work function of solid solutions of tungsten with molybdenum and tantalum. B. Ch. Diubua, O. K. Kullashev, L. V. Gorskova. Fiz. tver. tela 8 no. 4:1104-1109 Ap '66.

TUNGUS FOLKLORE see Folklore, Tungus

TUNGUSKA BASIN—COAL GEOLOGY

Dependence of the petrographic composition of coals on the conditions governing their formation in the northwestern part of the Tunguska coal basin. N. P. Lebedeva. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:62-69 Mr.-Ap '66.

TUNGUSKA VALLEY, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNKINSKIY DISTRICT—COMMUNITY AND SCHOOL

With the help of volunteer workers. F. Khaltagarov, Sh. Sanzheev. Nar. obr. no. 5:23-24 My '66.

TUNNEL DIODES

Stability criterion of tunnel diode circuits. V. P. Voronko. Radiotekh. i elektron. 11 no. 5:963-964 My '66.

Tunnel effect in gallium arsenide diodes at low temperatures. B. M. Vul, E. I. Zavaritskaya, N. V. Zavaritskii. Fiz. tver. tela 8 no. 3:888-893 Mr '66.

TUNNEL LINING

(see also subdivision under Toktogul Hydroelectric Power Station)

Experimental study of the compaction of soil around a tunnel with a monolithic-compressed lining. I. A. Dorman. Osn. i fund. i mekh. grun. 8 no. 3:32-33 '66.

TUNNELS

Experimental study of the performance conditions of galleries under a stack of loose material. A. M. Makeev. Trudy MIT no. 104:202-209 '66.

TUR LAKE REGION—CHALCOCITE

Find of chalcocite in the Lake Tur region of Volhynia. R. IA. Volovnik. Min. shor. 19 no. 2:256-257 '63.

TURAN PLATEAU—GEOLOGY, STRUCTURAL

Current state of the structure of the Pre-Upper Permian surface of the folded basement of the Turan Plateau. A. A. Bakirov, V. S. Kniazev, A. M. Charygin. Sov. geol. 9 no. 4:26-34 Ap '66.

TURBINES

(see also subdivision under Kharkov)

Choice of parameters and unit power ratings of power equipment. I. V. Shapiro. Energomashinostroyeniye 12 no. 4:42-43 Ap '66.

TURBINES—SAFETY MEASURES

Economic efficiency of operational safety controls of boilers and turbines. B. I. Batov, I. A. Krichenova, D. V. Smogin. Elek. sta. 37 no. 3:2-7 Mr '66.

TURBODRILLS

Parameters determining the working capacity and efficiency of a turbodrill. T. M. Makhmudov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 6:77-80 '65.

Prolonging the service life of turbodrill threaded joints. M. P. Krivov. Mash. i nef. obr. no. 4:14-16 '66.

Torque of three roller bits in turbodrilling. P. I. Astaf'ev, M. B. Barcev, P. N. Grigor'ev. Neft. khoz. 44 no. 4:19-22 Ap '66.

TURBOGENERATORS

(see also subdivision under Konakovo, Kalinin Province)

Choice of parameters and unit power ratings of power equipment. I. V. Shapiro. Energomashinostroyeniye 12 no. 4:42-43 Ap '66.

Increase in the operational reliability of TVV-165-2 turbogenerators. Elek. sta. 36 no. 3:94 Mr '65.

Special feature of the establishment of a highly sensitive excitation system on TVV-200-2 turbogenerators in the Shebekinsk State Regional Electric Power Plant. V. M. Rusdzo. Energetik 14 no. 5:34-36 My '66.

Study of the effect of some factors on the magnitudes of the critical velocities of the rotors of hydraulic turbine and generator units using the "Ural" digital computer. A. G. Bugov, A. K. Deviatov, V. P. Petrov. Energomashinostroyeniye 12 no. 4:12-15 Ap '66.

Study of the TVV-165-2 turbogenerator. A. M. Ufimtsev. Elek. sta. 36 no. 3:42-46 Mr '65.

TURBOGENERATORS—FOUNDATIONS

Theory and practice of the construction of turbogenerator foundations. A. I. Abashidze, N. G. Khubova. Energ. stroit. no. 40:61-67 '64.

TURBOMACHINES

Dynamic calculation of framed foundations for average-frequency horizontal transfer machines considering vibration attenuation in the ground and foundation. A. A. Zimkov. Trudy MIT no. 225:153-167 '66.

TURBULENCE

Artificial turbulization of a flow in a pipe bundle. V. K. Migai. Inzh.-fiz. zhur. 19 no. 5:600-605 My '66.

Some regularities of large-scale turbulence of natural channel streams and their relation to the channel process. D. I. Grinval'd. Trudy UkrNIGMI no. 59:63-68 '65.

Speed distribution in a turbulent flow in the vicinity of a solid surface. N. IA. Fabrikant. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 1:23-37 '65.

Study of the vortex effect. A. I. Gullaev. Zhur. tekhn. fiz. 35 no. 10:1869-1881 O '65.

Studying the characteristics of turbulence of an aerodynamic fuel spray. V. I. Mitkal'nyi, A. F. Utenkov. Izv. vys. ucheb. zav.; khim. met. 9 no. 5:175-181 '66.

TURGAY GATES—RADIOLARIA, FOSSIL

Complexes of Radiolaria in the Paleogene sediments of the Turgay depression and the northern part of the Ural Mountain region. R. Kh. Lipman. Trudy VSEGEI 115:76-89 '65.

TURKESTAN—REVOLUTION, 1917-1921—FOOD QUESTION

Contributions of the workers of Soviet Turkestan to dear U'ich. Ekon. i zhizn' 8 no. 4:17-19 Ap '66.

TURKEY—POLITICS AND GOVERNMENT

Rozaliev, I. N. [Classes and class struggle in Turkey; bourgeois and proletarian] Klassy i klassovaya bor'ba v Turtsii; burzhuaizma i proletariat. Moskva, Nauka, 1966. 105 p.

TURKEY—SOCIAL CONDITIONS

Rozaliev, I. N. [Classes and class struggle in Turkey; bourgeois and proletarian] Klassy i klassovaya bor'ba v Turtsii; burzhuaizma i proletariat. Moskva, Nauka, 1966. 105 p.

TURKEYS—DISEASES AND PESTS

Microscopic changes in the liver of turkeys with pasteurellosis. L. I. Voikov. Veterinarlia 43 no. 5:33-35 My '66.

TURKIC LANGUAGES—DICTIONARIES—ARAB

Elements of the Turkmen language in a Turkic-Arab dictionary of the 13th century. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:67-78 '66.

TURKIC LANGUAGES—STUDY AND TEACHING

Department of the Turko-Tataric Language in the Kazan University of the first half of the 19th century. N. A. Mazlova. Vop. ist. vseobshch. ist. no. 1:11-42 '64.

TURKIC LANGUAGES—TERMS AND PHRASES

The ethnic term "Khailendurk" in the historical works by the Elisha and Moses Kalankatuci. M. Seidov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 6:84-93 '65.

TURKISH FICTION—HISTORY AND CRITICISM

Al'kayev, L. O. [Plots and heroes in the Turkish novel, the 18th and early 20th centuries] Shazhety i gerol v turetskom romane (konets XIX - nachalo XX veka). Moskva, Nauka, 1966. 184 p.

TURKMEN—SOCIAL LIFE AND CUSTOMS

Some information of the social organization among Ail-Eli Turkmen at the end of the 19th and the beginning of the 20th century. K. Ataev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:79-81 '66.

TURKMEN LANGUAGE—WORDS

Elements of the Turkmen language in a Turkic-Arab dictionary of the 13th century. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:67-78 '66.

TURKMEN LITERATURE—HISTORY AND CRITICISM

Mollanepes and his views on the role and tasks of art. L. L. Sosonkin. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:19-28 '66.

TURKMENISTAN—ANTIQUITIES

Sarjanidi, V. I., and G. A. Koshelenko. [The past is behind the dunes] Za tarkhanami - proshloe. Moskva, Nauka, 1966. 185 p. (Nauchno-populiarnaya seriya)

- TURKMENISTAN—BATS**
New species of bats *Tadarida teniotis Rafinesque* and *Plecotus auritus wardi* Thomas from Turkmenia. Kh. Babayev, V. P. Dmitriyeva. Zool. zhur. 45 no. 5: 779-780 '66.
- TURKMENISTAN—ECONOMIC CONDITIONS**
Sunny Turkmenistan. Komm. Ukr. 40 no. 5:74-81 My '66.
- TURKMENISTAN—FORAMINIFERA, FOSSIL**
New Paleogene Foraminifera from northern Turkmenia. V. T. Balakhatova. Trudy VSEGEI 115:126-141 '65.
- TURKMENISTAN—HERONS**
Nesting of cattle egret in Turkmenia. A. Eminov. Izv. AN Turk. SSR. Ser. biol. nauk no. 2:98 '66.
- TURKMENISTAN—HISTORY—SOURCES**
Ashkhabad. Institut istorii partii. [Communism is being born today! A collection of documents] Kommunizm rozhdetsia segodnya! Sbornik dokumentov. Sost. E. G. Krevskikh i dr. Pod red. N. G. Kurabinov i A. A. Rosliakova. Ashkhabad, Turkmenskoe izd-vo, 1964. 194 p. (CST-II)
- TURKMENISTAN—IRIS (PLANT)—VARIETIES**
Effect of insufficient illumination on the growth and development of species and varieties of Iris in Turkmenia. L. E. Soboleva. Bot. zhur. 51 no. 4:570-577 Ap '66.
- TURKMENISTAN—IRRIGATION**
Water supply of the medieval city of Shekhr-i-Islam and the irrigation of its surroundings. E. Atakaryev, K. Nurberdiyev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:81-85 '66.
- TURKMENISTAN—NEMATODE DISEASES OF PLANTS**
Host plants of Meloidogyne in Turkmenia. L. M. Shagalina. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:48-55 '66.
- TURKMENISTAN—PARASITES—PIKAS**
Fastigiaris vexans gen. et n. sp. (Nematoda, Heterosyne-matidae) from the pika *Ochotona rufescens* Gray. IA. Babayev. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:91-96 '66.
- TURKMENISTAN—PEPPER MINT**
Commercial use of *Monarda piperita* L. M. Karyev, A. A. Meshcherinov. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:77-80 '66.
- TURKMENISTAN—RAIN AND RAINFALL**
Maximum diurnal liquid precipitation layers of various frequency in Turkmenia and their calculation. G. T. Leshchinskii. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:27-31 '66.
- TURKMENISTAN—SAKSAUL**
Viability of black saksaul in variously furrowed takyrs soils with shifting sand and without it. N. K. Lalymenko. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:13-26 '66.
- TURKMENISTAN—SAND**
Sands must be checked. V. G. Gidrov. Neftianik 10 no. 8:20 Ag '65.
- TURKMENISTAN—SANDY SOILS**
Stabilization of sandy soils by mechanical protectors. I. M. Churbaev. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:85-87 '66.
- TURKMENISTAN—TAKYR**
Viability of black saksaul in variously furrowed takyrs soils with shifting sand and without it. N. K. Lalymenko. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:18-26 '66.
- TURKMENISTAN—WILD BOAR**
Distribution and dynamics of the abundance of wild boar in Tedzhen and Atrek valleys. N. Isahadov. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:92-94 '66.
- TURKMENISTAN—WOODY PLANTS**
Some characteristics of the development of woody plants in Turkmenia. G. M. Levin. Izv. AN Turk. SSR. Ser. biol. nauk. no. 2:80-82 '66.
- TURNING**
Meladze, A. Z. [Machining spiral grooves of cylindrical cams on lathes] Obrabotka spiral'nykh pазov tsilindricheskikh kulachkov metodom tocheniya. Tbilisi, TSODna, 1964. 78 p.
- TURPINING**
(see also subdivision under Ural Mountain region)
Some points for determining the resin productivity of pines according to external characteristics. E. E. Shkupo. Izv. vys. ucheb. zav. i les. zhur. 9 no. 1:24-26 '66.
- TURUKHANSK DISTRICT—TRACE ELEMENTS**
Minor elements of the lower-terrestrial part of the Precambrian sediments of Turukhansk District. A. E. Miroshnikov. Geol. i geofiz. no. 2:129-135 '66.
- TUVA A. S. S. R.—PHARMACY**
Pharmacy in the Tuva Autonomous Republic. E. Ivanova. Apt. delo 15 no. 2:19-21 Mr.-Ap '66.
- TUVINIAN LANGUAGE**
Sal, Sh. Ch. [Outline history of the study of the Tuvian language. With an appendix of a list of literature on comparative Turkic linguistics] Ocherk istorii izucheniya tuvinskogo yazyka. S prilozheniem spiska literatury po sravnitel'nomu turkologu yazykoznaniju. Kyzyl, Tuvinskoe knizhnoe izd-vo, 1964. 112 p. [In Tuvian]
- TUZYAZOY OIL FIELD—OIL WELL DRILLING RIGS**
In the family of Tuymazy petroleum workers. Kh. Rakhmatullin, G. Garifullina. Neftianik 10 no. 8:17-19 Ag '65.
- 2, 4-D**
Changes in the activity of indoleacetic oxidase and the content of its inhibition in pea plants under the influence of 2, 4-D. E. N. Artemenko, D. I. Chikanikov, V. I. Kostina. Agrokhimia no. 5:120-125 My '66.
Characteristics of 2, 4-D detoxication in plants sensitive and resistant to the herbicide. IU. V. Rakhin and others. Fiziol. rast. 13 no. 1:38-46 Ja-F '66.
Effect of 2, 4-D on some processes occurring in plant seedlings. V. M. Torchinskaya. Khim. v sel'khoz. 4 no. 5:38-42 My '66.
Studying proteins binding 2, 4-D in resistant plants. D. I. Chikanikov, N. N. Pavlova. Agrokhimia no. 5:115-119 My '66.
- TYPHOID FEVER**
"Bacteriological tracking" method for the detection of typhoid fever bacteria carriers. A. M. Zaritskii. Zhur. mikrobiol., epid. i immun. 41 no. 7:81-90 Ji '64.
Changes in the clinical picture of typhoid fever during the past 15 years. E. I. Zverev. Sov. med. 28 no. 9: 47-54 S '64.
Comparative evaluation of laboratory methods for the detection of typhoid fever carriers. Preliminary report. M. P. Ol'kova. Zhur. mikrobiol., epid. i immun. 41 no. 8:74-78 Ag '64.
Diagnostic significance of determining incomplete antibodies by the Coombs' test in typhoid fever. I. N. Kurnenskaya, N. S. Medieva, G. P. Sorokina. Zhur. mikrobiol., epid. i immun. 43 no. 4:12-17 Ap '66.
Dynamics of the formation of O-antibodies in typhoid fever patients treated with levomycetin. I. V. Rubtsov, A. P. Akhmetov. Zhur. mikrobiol., epid. i immun. 41 no. 8:138-139 Ag '64.
Dynamics of the H- and O-agglutinin titers in typhoid fever patients treated with levomycetin and a combination of this antibiotic with a vaccine. P. A. Alisov, A. P. Kazantsev. Zhur. mikrobiol., epid. i immun. 41 no. 8:36-41 Ag '64.
Effect of ciproheptadine and dimedrol on experimental pneumococcal infection in rats and typhoid intoxication in rabbits. Z. A. Popovskaya. Farm. i toks. 29 no. 2:203-213 Mr.-Ap '66.
Effect of streptomycin on immunogenesis in typhoid fever. G. B. Gukasyan. Zhur. mikrobiol., epid. i immun. 43 no. 4:69-84 Ap '66.
Isolation of L-form bacteria from typhoid fever patients and carriers. A. G. Shchegolev, V. S. Starshinova. Zhur. mikrobiol., epid. i immun. 41 no. 7:15-19 Ji '64.
Repeated typhoid infection. V. A. Bykova, S. V. Martynov. Zhur. mikrobiol., epid. i immun. 41 no. 7:141-142 Ji '64.
Typhoid and paratyphoid infections abroad. Report No. 1: Typhoid and paratyphoid morbidity during the years 1921-1958. IU. P. Solodovnikov. Zhur. mikrobiol., epid. i immun. 41 no. 7:54-59 Ji '64.
- TYPHOID FEVER—PREVENTIVE INOCULATION**
Changes in the intensity of the synthesis of soluble and insoluble protein fractions of organs following the introduction of typhoid vaccine. E. L. Khasman, I. B. Frizina. Vop. med. khim. 12 no. 3:265-266 My-Je '66.
Prevention of the formation of carrier state in typhoid and paratyphoid patients, using antibiotics and vaccine therapy. Report No. 2: Dynamics of immunological indices in typhoid and paratyphoid patients treated with levomycetin and dry alcohol typhoid and paratyphoid vaccine B. IU. IA. Tendetnik and others. Zhur. mikrobiol., epid. i immun. 43 no. 4:73-80 Ap '66.
- TYPHUS FEVER** see subdivision under Baku
- TYROSINE**
Histochemical characteristics of tyrosine in arteries of the elastic and muscular type under normal conditions and in atherosclerosis. M. M. Bagomedov. Arkh. pat. 28 no. 3:20-30 '66.
Phenylalanine and tyrosine metabolism and its regulation by thyroid hormones in the brain of white rats. S. IA. Kaplanskii, Zh. I. Akopian. Biokhimiia 31 no. 2:265-269 Mr.-Ap '66.
- TYUMEN' PROVINCE—CATTLE—DISEASES AND PESTS**
Great economic effect. IU. Rustegayev. Zakup. sel'khoz. prod. no. 4:38 Ap '66.
- TYUMEN' PROVINCE—COMMERCE**
In the land of oil and gas. P. Bykhovskaya. Sov. torg. 39 no. 5:25-28 My '66.
- TYUMEN' PROVINCE—GAS, NATURAL**
Tyumen' Province is becoming the largest oil and gas producing region of the country. A. Protopanov. Neftianik 10 no. 4:6-10 Ap '65.
- TYUMEN' PROVINCE—INLAND WATER TRANSPORTATION**
Role of river transportation in managing the lines of the movement of goods on the territory of Tyumen' Province. N. Tsurkov, V. Ivanov. Rech. transp. 25 no. 4:12-15 '66.
- TYUMEN' PROVINCE—JETTIES**
Installation of temporary moorings in oil fields of Tyumen' Province. V. V. Muzychenko. Stroi. trubitrov. 10 no. 4:23-24 Ap '65.
- TYUMEN' PROVINCE—PETROLEUM**
Tyumen' Province is becoming the largest oil and gas producing region of the country. A. Protopanov. Neftianik 10 no. 4:6-10 Ap '65.
- TYUMEN' PROVINCE—PROSPECTING—TECHNOLOGICAL INNOVATIONS**
Council of the Scientific Technological Society of the Tyumen' Petroleum and Gas Prospecting Trust at work. G. Terletskii. Neftianik 10 no. 8:15-16 Ag '65.
- TYUMEN' PROVINCE—ROADS, ICE**
Winter roads—the road of life. A. Smirnov. Neftianik 10 no. 4:16-11 Ap '65.
- UDDER—DISEASES**
Duration of antibiotic excretion with the milk of cows. O. A. Simetskii. Veterinaria 43 no. 5:81-82 My '66.
Milk testing plate for the diagnosis of mastitis. V. I. Mutovin. Veterinaria 43 no. 5:80-81 My '66.
- UDMURT A. S. S. R.—LIBRARIES, CHILDREN'S**
By common effort. G. Gordienko. Bibliotekar' 43 no. 5:39-40 My '66.
- UDMURT A. S. S. R.—LIBRARIES AND READERS**
In the mother tongue. R. Boriskina, F. Volkova. Bibliotekar' 43 no. 5:44-45 My '66.
- UFA—BIOGRAPHY**
Erapos'tan, V. E. [Heroic deeds continue] Podvigi prodolzhaitsia. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 85 p. (CST-II)
- UFA—CARGO HANDLING**
Mutual profit. IU. Beshitau, A. Romanenko. Rech. transp. 25 no. 4:22-23 '66.
- UFA—POLYETHYLENE**
Polyethylene complex built ahead of schedule. I. Kuznetsov. Na stroi. Ros. 7 no. 4:7-8 Ap '66.
- UFA DISTRICT—PETROLEUM PIPELINES**
Petroleum pipeline workers of Ufa have stood watch in honor of May Day. M. Mukhamedyarov. Neftianik 10 no. 4:23-24 Ap '65.
- UGANDA—FINANCE**
The credit-monetary system of Kenya, Tanzania, and Uganda. V. Lokhmachev. Den. i kred. 24 no. 5:85-97 My '66.
- UGLICH (YAROSLAV PROVINCE)—MINERAL WATERS**
Changes in the functions of the pancreas in some diseases of the stomach and liver following treatment with Uglich mineral water. E. P. Kulikova. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 5:419-424 S-O '64.
- UIGUR LANGUAGE—GRAMMAR**
Tonishev, E. R., and B. Kh. Todaeva. [Language of the yellow Uigurs] Iazyk zheitykh uigurov. Pod obshch. red. G. P. Serdichenko. Moskva, Nauka, 1966. 32 p. (Iazyki narodov Azii i Afriki)
- UIGURS**
Tikhonov, D. I. [Economy and the social system of the Uigur state in the 10th-14th centuries] Khoziaistvo i obshchestvennyi stroi Ugurskogo gosudarstva X-XIV vv. Moskva, Nauka, 1966. 286 p.
- UKHTA (KOMI A. S. S. R.)—PETROLEUM REFINERIES**
For the title of communist labor enterprise. E. Viktorovich. Neftianik 10 no. 4:18-19 Ap '65.
- UKRAINE—ADMINISTRATIVE AND POLITICAL DIVISIONS**
[The Ukrainian S. S. R.; administrative and territorial division as of July 1, 1965] Ukrain's'ka RSR; administratyvno-terytorial'nyi podil na 1 lipnia 1965 roku. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1965. 430 p.
- UKRAINE—AERONAUTICS, COMMERCIAL**
With a full load. N. Kovtunukh, Grazhd. av. 23 no. 8:13 Je '66.
- UKRAINE—AGRICULTURE**
Farmland is a source of our country's wealth. S. Kucher. Part. zhizn' no. 12:15-22 Je '66.

UKRAINE—AGRICULTURE—ECONOMIC ASPECTS

Isuta, S. P. [Collective-farm peasantry of the Soviet Ukraine during the Great Patriotic War] Kolhosnne selianske Radians'koï Ukrainy u roky Velykoï Vitchyznanoi voiny. Kyiv, Vyd-vo Kyiv's'koho univ., 1965. 206 p. (Cst-H)

UKRAINE—AGRICULTURE—EXPERIMENTATION

Naukovo-doslidnyi instytut zemlerobstva i tvarynyatstva zakladnykh raiioniv URSS. [The most important results of mass experiments in 1962] Nakhodivshisi na sledky masovykh doslidiv za 1962 rik. L'viv, Knizh-kovo-zhurnal'ne vyd-vo, 1963. 103 p. (DNAI)

UKRAINE—AGRICULTURE—LABOR PRODUCTIVITY

On the method for calculating the expenditure of labor in agricultural production. T. Kuzub. Ekon. Rad. Ukr. 9 no. 4:75-76 Ap '66.

UKRAINE—ARCHITECTURE

Handbook on architecture for tourists. A. Artemov. Stroitel' Arkh., 14 no. 4:33 Ap '66.

UKRAINE—BIBLIOGRAPHY

[New books of the Ukrainian S. S. R.] Novi knyhy URSS nos. 8-11 Mr-Ap '66.

UKRAINE—BLAST FURNACES

Shifting a blast furnace with a volume greater than 1700 m³. E. Gurevich, E. Kalpov, S. Babynovich. Prom. stroit. i inzh. soor. 6 no. 4:17-21 Jl-Ag '64.

UKRAINE—BLAST FURNACES—DESIGN AND CONSTRUCTION

Rebuilding blast furnaces by shifting. Prom. stroit. i inzh. soor. 6 no. 3:63-64 My-Je '64.

UKRAINE—BOOKS

Akademiia nauk URSS, Kiev. Instytut myslotstvovnavstva, fol'kloru ta etnografii. [Books and printing in the Ukraine] Knyhy i drukarstvo na Ukraini. [Kyiv, Naukova dumka, 1964. 313 p. illus. (m)]

UKRAINE—BOOKSELLERS AND BOOKSELLING

How to explain these facts? G. Churevich. Knizh. tor. 17 no. 5:28 My '66.

New planning and the problem of economic efficiency. I. Kustalov. Knizh. tor. 17 no. 5:16-17 My '66.

UKRAINE—BUCKWHEAT

Economic efficiency of buckwheat production. V. Makenko. Ekon. Rad. Ukr. 9 no. 4:66-70 Ap '66.

UKRAINE—BUILDING MATERIALS INDUSTRY

Eliminate disproportion in the development of the production of building materials. O. Davydenko. Ekon. Rad. Ukr. 9 no. 4:54-57 Ap '66.

UKRAINE—CASTOR OIL PLANT—IRRIGATION

Castor oil plant under irrigation in the southern steppes of the Ukraine. V. K. Ivanov and others. Vest. sel'khoz. nauki 11 no. 2:29-34 F '66.

UKRAINE—CHEMICAL MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Specialization of production is an important factor in increasing labor productivity. N. Antolina. Ekon. Rad. Ukr. 9 no. 4:36-39 Ap '66.

UKRAINE—CHEMICAL PLANTS—EQUIPMENT AND SUPPLIES

New methods for assembling processing equipment. Prom. stroit. i inzh. soor. 6 no. 3:62-63 My-Je '64.

UKRAINE—CHILDREN—DISEASES

Changes in the incidence of tuberculosis infections and morbidity in children in Odessa, Nikolaev, Kherson, Kirovograd and Chernovtsy during the period 1956-1962. S. I. Tscarskaia and others. Probl. tub. 42 no. 6:9-11 '64.

UKRAINE—CLAY

Conditions governing the Neogene formation of variegated clays in the left-bank Ukraine. L. I. Chimenko. Izv. vyz. ucheb. zav. i geol. i razv. 9 no. 5:63-66 My '66.

UKRAINE—CLAY MINERALS

Some characteristics of the distribution of heavy clay minerals. A. P. Mol'nyk. Dop. AN URSS no. 4:502-504 '66.

UKRAINE—COAL MINES AND MINING

Prospects for the development of the coal industry of the Ukraine. Ekon. Rad. Ukr. 9 no. 4:26-32 Ap '66.

UKRAINE—COAL MINES AND MINING—ECONOMIC ASPECTS

Coal industry of the Ukraine in the new five-year plan. M. G. Perepadina. Ugol' Ukr. 10 no. 5:1-6 My '66.

UKRAINE—COAL MINES AND MINING—LABOR PRODUCTIVITY

The highest achievements of the stoping and drifting brigades of the Ukraine in the seven-year plan. F. T. Caponenko. Ugol' Ukr. 10 no. 5:54-56 My '66.

UKRAINE—COAL MINING MACHINERY

The KT-8T cutter-loader in "Zapadno-Donbasskaja" mine No. 1 of the "Pavlogradugol'" Trust. Ugol' Ukr. 10 no. 5:22-23 My '66.

UKRAINE—COMMUNIST EDUCATION

Conference on communist education. I. Sobolev. Rad. shkola 45 no. 5:111 My '66.

Seminar on the questions of education and communist training. V. F. Sviatovets'. Rad. shkola 45 no. 5:109-110 My '66.

UKRAINE—CONSTITUTION

Ukraine, Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic. As amended and supplemented by the sixth, seventh and eighth sessions of the Sixth Supreme Soviet of the Ukrainian S. S. R.] Ukrain's'koï Radians'koï Sotsialistychnoi Respubliki. Iz zminyamy i dopovnyamy, pryhatymy na shostii, s'omii i vos'mii sesliakh Verkhovnoi Rady Ukrain's'koï RSR shostoho sklykannia. Kyiv, Polityday Ukrainy, 1966. 28 p.

UKRAINE—CONSTITUTIONAL HISTORY

Kravtsiv, Bohdan, ed. [The proof of Ukrainian rights documents and materials for the history of Ukrainian political thought] Vyvid prav Ukrainy; dokumenty i materialy do istorii ukrain's'koï politychnoi dumky. Vporiad., vstup. statlia i dovidky Bohdana Kravtseva. [New-York] Prolog, 1964. 250 p. (Suspi'no-politychna biblioteka, no. 15)

UKRAINE—CONSTRUCTION INDUSTRY—FINANCE

Regulations which improve the economic indices and efficiency of construction. Ekon. Rad. Ukr. 9 no. 4:58-61 Ap '66.

UKRAINE—COOPERATIVE SOCIETIES

In the main direction. S. Zharkov. Sov. potreb. koop. 10 no. 5:21-26 My '66.

UKRAINE—CORN (MAIZE)—FERTILIZERS AND MANURES

Composition of fertilizers for corn placed at the time of planting in a zone of deficient moisture. D. G. Goncharenko. Agrokhimia no. 5:84-87 My '66.

UKRAINE—DIAMONDS

Luminescence of Ukrainian diamonds. IU, O. Polkanov. Dop. AN URSS no. 4:526-528 '66.

UKRAINE—DRAINAGE

Use drained lands better. P. Iemets', T. Kozlova. Ekon. Rad. Ukr. 9 no. 4:62-65 Ap '66.

UKRAINE—DRUG INDUSTRY

Development of the chemical and pharmaceutical industry in the Ukrainian S. S. R. Report No. 1. M. I. Iena. Farmatsev. zhur. 20 no. 3:76-82 '65.

UKRAINE—DRUGSTORES

More attention should be paid to the central district drugstores. V. I. Prokofishyn. Farmatsev. zhur. 20 no. 3:13-15 '65.

Results of the work accomplished by the Ukrainian network of drugstores during 1964 and the tasks of drugstore workers. Farmatsev. zhur. 20 no. 3:3-8 '65.

UKRAINE—ECONOMIC GEOGRAPHY—MAPS

Economic map of the republic. M. Makenko. Ekon. Rad. Ukr. 9 no. 4:97 Ap '66.

UKRAINE—ECONOMIC POLICY

Decisions of 23d Congress of the CPSU and vital problems facing the Communists of the Ukraine. P. E. Shelest. Komm. Ukr. 40 no. 5:3-17 My '66.

UKRAINE—ECONOMIC RESEARCH

Present state and future development of the Institute of Economics of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSS no. 4:554-555 '66.

UKRAINE—EDUCATION

In the Ministry of Education of the Ukrainian S. S. R. Rad. shkola 45 no. 5:105-103 My '66.

Presentation of the problems of cultural development in the "History of the towns and villages of the Soviet Ukraine." R. M. Ieaypenko. Ukr. ist. zhur. 10 no. 5:115-118 My '66.

UKRAINE—EGG TRADE

The chicken laid an egg. IU, Mitin. Zakup. sel'khoz. prod. no. 4:17-48 Ap '66.

UKRAINE—ELECTRIC POWER PLANTS—MATHEMATICAL MODELS

Optimal long range planning for the distribution of condensation electric power plants on the territory of the Ukrainian S. S. R. G. B. Iakusha, A. S. Naroditskil. Trudy LIEI no. 58:43-54 '66.

UKRAINE—ELECTRONIC DATA PROCESSING—OPEN-HEARTH PROCESS

Advantages of the automation of the management of open-hearth plants. V. Chesak. Ekon. Rad. Ukr. 9 no. 4:81-85 Ap '66.

UKRAINE—ENGINEERING GEOLOGY

Properties of sandy Paleogene sediments in the region of the Kaney dislocations from the viewpoint of engineering geology. V. F. Kraiev, S. V. Kukhtil. Geol. zhur. 24 no. 6:62-67 '64.

UKRAINE—ENZYMES

Development of the scientific research in the field of enzymes of their use in the national economy of the Ukrainian S. S. R. Dop. AN URSS no. 4:556-556 '66.

UKRAINE—EXCAVATING MACHINERY—EXHIBITIONS

At the Ukrainian Exhibition. P. Khanokh and others. Inform. zhur. VDNKH no. 5:38-39 My '66.

UKRAINE—EXCAVATIONS (ARCHAEOLOGY)

Field studies and excavations of the Kiev Archaeological Expedition in 1965. D. Ia. Telshin, V. O. Kruts. Ukr. ist. zhur. 10 no. 5:151-155 My '66.

UKRAINE—FAMINES

Pylypenko, Lev. [Shadows of the past; collected stories, novellas, and sketches] Tini myuloho; zbirka opovidan', novel' ta narisiv. Philadelphia [Vyd-vo "Ameryka"] 1965. 196 p.

UKRAINE—FIELD CROPS

Use drained lands better. P. Iemets', T. Kozlova. Ekon. Rad. Ukr. 9 no. 4:62-65 Ap '66.

UKRAINE—FIELD CROPS—FERTILIZERS AND MANURES

Effect of continuous use of fertilizers on the productivity of some crops in monoculture and on the agrochemical properties of Chernozem soils in the forest-steppes of the Ukraine. M. G. Gupalo and others. Vilan, dit. prim. udob. na plod, poch. i prod. sevoobor. no. 2:250-261 '64.

Effectiveness of farm manure and mineral fertilizers as related to the amount used in crop rotations on the Chernozem soils in the steppes of the Ukraine. I. K. Artukhov. Vilan, dit. prim. udob. na plod, poch. i prod. sevoobor. no. 2:226-249 '64.

UKRAINE—FLOOD FORECASTING

Forecasting the spring flow of small rivers by the modular coefficients of depending factors. V. A. Romanenko. Trudy UKRNGMI no. 59:39-43 '66.

UKRAINE—FLOODS

Some characteristics of the formation of the spring flood of 1964 in the Ukraine. V. A. Romanenko. Trudy UKRNGMI no. 59:41-51 '66.

UKRAINE—FOLDS (GEOLOGY)

Quantitative determination of the intensity of folding. M. I. Trypil'ska. Dop. AN URSS no. 4:507-509 '66.

UKRAINE—FORAMINIFERA, FOSSIL

Representatives of the genus *Illykardia* in the Ukrainian Paleogene. M. V. Vartseva. Geol. zhur. 24 no. 6:38-48 '64.

UKRAINE—FOREIGN RELATIONS

Akademiia nauk URSS, Kiev. Sektor derzhavy i prava. [International contacts of the Ukrainian S. S. R.; international treaties, conventions, agreements, and other acts concluded with the participation of the Ukraine, January 1957-December 1965] Ukrain's'ka RSR u mizhnarodnykh vidnosynakh; mizhnarodni dohovory, konventsi, uhody ta inshi akty, uchasykom iakykh e Ukraina, sichen' 1957-luden' 1965 rr. Kyiv, Naukova dumka, 1966. 421 p.

UKRAINE—FREIGHT AND FREIGHTAGE

Improve the transport economic relations of enterprises. I. Babynovych, M. Iampol'skiy. Ekon. Rad. Ukr. 9 no. 4:45-48 Ap '66.

UKRAINE—GALENA—OPTICAL PROPERTIES

Reflection properties of galenites of various genesis. H. I. Khlaziev, V. K. Kudelia. Dop. AN URSS no. 4:495-496 '66.

UKRAINE—GAME PROTECTION

Sokur, I. T. [Protection of rare animals] Okhrona ridkinykh tvaryn. Kyiv, Radians'ka shkola, 1962. 50 p. (Biblioteka tunoho naturalista) (NN)

UKRAINE—GEOLOGY, STRATIGRAPHIC—CONGRESSES

Conference on the Stratigraphy of the Jurassic Sediments of the Ukrainian S. S. R. held in Kiev from May 5 to 15, 1964. Geol. zhur. 24 no. 6:107-109 '64.

UKRAINE—GEOMORPHOLOGY—MAPS

Akademiia nauk URSS, Kiev. Sektor geografi. [Geomorphological mapping of the Ukrainian S. S. R.] Geomorfologichne kartuvannia Ukrain's'koï RSR. Kyiv, Naukova dumka, 1966. 88 p. (Respublikane'kyl mizhvidomchyl zbirnyk. Fizychna geografia ta geomorfologiya)

UKRAINE—GERMAN OCCUPATION, 1941-1944

Lauta, S.P. [Collective-farm peasantry of the Soviet Ukraine during the Great Patriotic War] Kolhospne selians'tvo Radlans'koi Ukrainy u roky Volykoi Vitchyznians'koi viny. Kyiv, Vyd-vo Kyivs'koho univ., 1965. 206 p.
(CSI-II)

UKRAINE—GRAIN—FERTILIZERS AND MANURES

Amount and ratio of fertilizers in grain sugar beet crop rotations. A.M.Vuko. Vilian, dlu. prim. udob. na plod. poch. i prod. sevoobor. no. 2:202-225 '64.

UKRAINE—GRANITE

Structural process of granite formation. V. M. Syderov. Dop. AN URSS no. 4:510-515 '66.

UKRAINE—HEPATITIS, INFECTIOUS

Incidence of epidemic hepatitis in the Ukraine during the years 1953-1962. D. Kh. Fomin. Zhur. mikrobiol., epid. i immun. 41 no. 8:111-116 Ag '64.

UKRAINE—HISTORICAL RESEARCH

Scholarly research in the Institute of the History of the Communist Party attached to the Central Committee of the Communist Party of the Ukraine in 1965. T. M. Kol'ias, A. D. Laroshenko. Ukr. ist. zhur. 10 no. 5: 150-151 My '66.

Work of the Institute of History of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSS no. 4:557 '66.

UKRAINE—HISTORY

Discussing the plan of volume 2 of the "History of the Ukrainian S. S. R." Zh. P. Tymchenko. Ukr. ist. zhur. 10 no. 5:152-154 My '66.

UKRAINE—HISTORY—BIBLIOGRAPHY

A bibliography of the bibliographies of the history of the Ukrainian S. S. R., 1960-1965 (continuation). Ukr. ist. zhur. 10 no. 5:157-160 My '66.

UKRAINE—HOPS

Nature of chlorosis of hops in the Ukraine. S. M. Mosko-vets', A. I. Boiko. Mikrobiol. zhur. 28 no. 2:41-46 '65.

UKRAINE—INDUSTRIAL BUILDINGS—LIGHTING

Illumination of manufacturing plants in the Ukraine. E. Talsli. Prom. stroi. i inzh. soor. 6 no. 3:12-13 My-Je '64.

UKRAINE—INDUSTRIES

For direct, stable ties among producers and consumers. T. Vrublevska. Ekon. Rad. Ukr. 9 no. 4:39-42 Ap '66.

For the popularizer's notebook. Ekon. Rad. Ukr. 9 no. 4: 9, 18, 44, 48, 61 Ap '66.

UKRAINE—IRON AND STEEL PLANTS—MANAGEMENT

Advantages of the automation of the management of open-hearth plants. V. Chesak. Ekon. Rad. Ukr. 9 no. 4:81-85 Ap '66.

UKRAINE—IRON INDUSTRY

Utilization of capital assets in ferrous metallurgy. I. Zaitsev and others. Ekon. Rad. Ukr. 9 no. 4:32-35 Ap '66.

UKRAINE—IRRIGATION—ECONOMIC ASPECTS

Economic aspects of the various methods of irrigation. M. A. Gnovevych. Zemledelie 28 no. 4:33-42 Ap '66.

UKRAINE—IRRIGATION FARMING

Evaluation of the feeding of underground waters to irriga-

UKRAINE—JOURNALISM—THEATER

One day at noon... Teatr 25 no. 9:98 S '64.

UKRAINE—JOURNALISM, TECHNICAL

Problems, themes, and plans. M. Lampolskii. Sov. poch. no. 5:17-18 My '66.

UKRAINE—LEAF BEETLES

Distribution, ecology and preimaginal phases of the development of Galeruca tanacetii L. V. M. Brovdi. Dop. AN URSS no. 4:539-542 '66.

UKRAINE—LUMBER—TRANSPORTATION

Economic effectiveness of the use of the method of linear programming in the planning of lumber deliveries. M. I. Piven. Lis., pap. i der. prom. no. 2:23-30 Mr-Apr '66.

UKRAINE—LUPINE—DISEASES AND PESTS

Bacterial diseases of lupine seeds and shoots in the Ukraine. I. B. Korolova. Mikrobiol. zhur. 28 no. 3:32-37 '65.

UKRAINE—MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Improve the establishment of norms. L. Khodchenko. Ekon. Rad. Ukr. 9 no. 4:42-44 Ap '66.

UKRAINE—MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Improve the method of the analysis of the influence of labor productivity on the increase of the enterprise's accumulations. A. Slyva. Ekon. Rad. Ukr. 9 no. 4:77-80 Ap '66.

UKRAINE—MACHINERY INDUSTRY—PRICES

Quality, cost, and price. V. Zabello. Ekon. Rad. Ukr. 9 no. 4:15-16 Ap '66.

UKRAINE—MAMMALS, FOSSIL

New finds of Late Miocene mammals in the Ukraine. O. L. Korotkevych. Dop. AN URSS no. 4:529-532 '66.

UKRAINE—MANUFACTURES—FINANCE

Ways to improve the efficiency of capital investments and capital yield in light industry. I. Vyshnevii, I. Ryzhkov. Ekon. Rad. Ukr. 9 no. 4:49-53 Ap '66.

UKRAINE—MATHEMATICS

Seminar of the history of mathematical sciences. T. V. Putina. Dop. AN URSS no. 4:500-501 '66.

UKRAINE—METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

New methods for assembling processing equipment. Prom. stroi. i inzh. soor. 6 no. 3:62-63 My-Je '64.

UKRAINE—MINE BUILDINGS

Recent developments in the assembly of ore-dressing combines. IU. Oblamiev. Prom. stroi. i inzh. soor. 6 no. 4:15-17 Ji-Ag '64.

UKRAINE—MINERALOGY

From the history of mineralogy in the Ukraine. E. K. Lazarenko, M. M. Sliwko. Izv. vys. ucheb. zav. ; geol. i zvez. 9 no. 5:122-124 My '66.

UKRAINE—MINERALS

Niobium and tantalum in titanites from loose sediments developed in the Korosten pluton area. IE. O. Rotiekhin. Dop. AN URSS no. 4:488-490 '66.

UKRAINE—MONEY

Some problems of improving currency circulation. M. Berkov. Ekon. Rad. Ukr. 9 no. 4:10-15 Ap '66.

UKRAINE—MOTION PICTURES

Miroshnychenko, O. [Motion-picture art of the Ukraine] Kino mystetstvo Ukrainy. Kyiv, Mystetstvo, 1963. 1 v. (chiefly illus.)
(InU)

UKRAINE—PEASANT UPRISINGS

How the peasants of the Volynian and Podolian governments struggled against the tyrannical domination of the owners of landed estates in the first quarter of the 19th century. N. A. Syrovatska. Ukr. ist. zhur. 10 no. 5:56-60 My '66.

UKRAINE—PETROLEUM—ANALYSIS

Ash composition of crude oils from the Polnyarkii oil field. V. O. Kravushkin, S. B. Kazakov, V. I. Pavlovich. Dop. AN URSS no. 4:505-507 '66.

UKRAINE—PETROLEUM REFINING

Linear model for the technical and economic planning of a petroleum refinery. M. IU. Rozenfain. Nefteper. i neftekhim. no. 3:14-17 '65.

UKRAINE—PHARMACY

On the 50th anniversary of the Soviet regime in the Ukraine. Farmatsev. zhur. 21 no. 2:74-76 '66.

UKRAINE—PLANT QUARANTINE

ntine laboratories of the Ukraine. Ich. Zashch. rast. 11 no. 1:48-49 '66.

UKRAINE—PRECIPITATION (METEOROLOGY)

Significance of May precipitation for the harvest of winter wheat in the steppe regions of the Ukraine and the Northern Caucasus. E. S. Ulanova. Meteor. i gidrol. no. 5:17-25 My '66.

UKRAINE—PRINTING

Akademii nauk URSS, Kiev. Instytut mystetstvoznavstva, fol'kloru ta etnografi. [Books and printing in the Ukraine] Knyhy i drukarstvo na Ukraini. [Kyiv, Naukova dumka, 1964] 313 p. illus.
(InU)

UKRAINE—PYROPE

Pyrope of the Ukraine. V. P. Alekseeva, L. N. Novoselova. Min. sbor. 19 no. 2:190-197 '65.

UKRAINE—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES

The Ukraine in the technical and scientific cooperation of socialist countries. Z. Kharchenko. Ekon. Rad. Ukr. 9 no. 4:00-03 Ap '66.

UKRAINE—RESEARCH LIBRARIES

International relations of the Central Scientific Library of the Academy of Sciences of the Ukrainian S. S. R. K. Bakulin. Dop. AN URSS no. 4:559-560 '66.

UKRAINE—REVOLUTION, 1917-1921

Syrmenko, N. I. [Studies on the history of the civil war and foreign armed intervention in the Ukraine, 1918-1920] Ocherki istorii grazhdanskoi voiny i inostrannoi voennoi interventsii na Ukraini (1918-1920). Moskva, Nauka, 1965. 454 p.

UKRAINE—RIVERS

Some regularities of large-scale turbulence of natural channel streams and their relation to the channel process. D. I. Grinval'd. Trudy UkrNIGMI no. 59:63-68 '65.

UKRAINE—RUNOFF—CONGRESSES

Second Ukrainian Conference on the "Problems of Studying Mudflows. B. N. Ivanov, A. N. Olferev. Sov. geol. 8 no. 9:153-156 S '65.

UKRAINE—SAND

Properties of sandy Paleogene sediments in the region of the Kaney dislocations from the viewpoint of engineering geology. V. F. Kravov, S. V. Kukhlii. Geol. zhur. 24 no. 6:62-67 '64.

UKRAINE—SOCIAL GROUP WORK

Presentation of the problems of cultural development in the "History of the towns and villages of the Soviet Ukraine." R. M. Iehypenko. Ukr. ist. zhur. 10 no. 5: 115-118 My '66.

UKRAINE—SOCIAL SCIENCE RESEARCH

Plan for scientific research work in the Institutions of the Social Sciences Section of the Academy of Sciences of the Ukrainian S. S. R. for 1966. Dop. AN URSS no. 4:553-554 '66.

UKRAINE—SOVIETS

The work of party organizations with the members of local soviets in the Ukraine, 1950-1964. P. O. Vlasht. Ukr. ist. zhur. 10 no. 5:39-44 My '66.

UKRAINE—STEEL INDUSTRY

Utilization of capital assets in ferrous metallurgy. I. Zaitsev and others. Ekon. Rad. Ukr. 9 no. 4:32-35 Ap '66.

UKRAINE—SUGAR BEET MACHINERY

Advanced practices in growing sugar beets. N. Petrenko. Tekh. v sel'khoz. 20 no. 4:7-9 Ap '66.

UKRAINE—SUGAR BEETS—FERTILIZERS AND MANURES

Action of defolates in sugar beet crop rotation. A. I. Chernetskii. Vilian, dlu. prim. udob. na plod. poch. i prod. sevoobor. no. 2:178-201 '64.

UKRAINE—TECHNOLOGICAL INNOVATIONS

Give full freedom to technological creativeness. M. Taranets'. Ekon. Rad. Ukr. 9 no. 4:86-89 Ap '66.

UKRAINE—TUBERCULOSIS

Changes in the incidence of tuberculosis infections and morbidity in children in Odessa, Nikolaevo, Kherson, Kirovograd and Chernovtsy during the period 1950-1962. S. I. Tshesarskaya and others. Probl. tub. 42 no. 6:9-11 '64.

UKRAINE—VERTEBRATES

Akademii nauk URSS, Kiev. [Ecology and history of the vertebrates of the Ukraine] Ekologiya ta istoriya khibetnykh fauny Ukrainy. Kyiv, Naukova dumka, 1966. 200 p. (Respublikans'kyi mizhvidonichyi zbirnyk. Seria "Problemy zoologii")

UKRAINE—VETERINARY MEDICINE

Naukovo-doslidnyi instytut zemlerobstva i tvarymytstva zakhidnykh raiioniv URSS. [The most important results of mass experiments in 1962] Nakhodivshisi naslidky masovykh doslidiv za 1962 rik. L'viv, Knizhko-zhurnal'ne vyd-vo, 1963. 103 p.
(DNAL)

UKRAINE—WAGES—FURNITURE INDUSTRY

Practices in overall organization of labor and wages at the enterprises of the "Zakarpattia" Trust. A. V. Zheltvai. Lis., pap. i der. prom. no. 2:30-32 Mr-Apr '66.

UKRAINE—WATER, UNDERGROUND

Evaluation of the feeding of underground waters to irrigation areas in the southern Ukraine. I. Ia. Babineia, V. I. Lial'ko, S. T. Zvol's'kyl. Geol. zhur. 24 no. 6:3-17 '64.

Melliorative regionalization of the underground waters of the Tiliugul-Bug interfluvium. M. V. Komarov. Geol. zhur. 24 no. 6:67-72 '64.

UKRAINE—WEATHERING

Weathering of talc rocks. Z. V. Turohova. Sov. geol. 9 no. 5:101-113 My '66.

UKRAINE—WHEAT

Significance of May precipitation for the harvest of winter wheat in the steppe regions of the Ukraine and the Northern Caucasus. E. S. Ulanova. Meteor. i gidrol. no. 5:17-25 My '66.

UKRAINE—WHOLESALE TRADE

For direct, stable ties among producers and consumers.
T. Vrublevska. Ekou. Rad. Ukr. 9 no. 4:39-42 Ap '66.

UKRAINE—WOOD-USING INDUSTRIES

A conference of the party and managerial cadres of the forest, woodpulp and paper, and woodworking industry of the Ukraine. H. P. Zolotar'ov, L. I. Sitnarenko. Lis., pap, i der, prom. no. 2:15-16 Mr-Apr '66.

UKRAINE—WOOD-USING INDUSTRIES—FINANCE

Efficient use of fixed assets and working capital in the forest, woodpulp and paper, and woodworking industry of the Ukraine. D. P. Logutov. Lis., pap, i der, prom. no. 2:24-28 Mr-Apr '66.

UKRAINE—WORLD WAR, 1939-1945

Dovzhenko, O. P. [Works in five volumes] Tvory v p'iaty tomakh. Kyiv, Dnipro, Vol. 5. 1966. 541 p.

[Exploit on the banks of the Dniester-Slavutych; a collection of materials on the 20th anniversary of the battle for the Dniester and the liberation of Kiev from the Fascist German occupiers] Podvyh na borehakh Dniestra-Slavutych; zbirnyk materialiv pro vidznamen-nia 20-richchya bytva za Dniestro i vyzvolennia Kyieva vid natsist'ko-fashists'kykh zaharmykyv. Kyiv, Vyd-vo polit. lit-ry, 1964. 138 p.

(WU)

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Teachers and students of Vinnytsa Province in the struggle against fascist occupation. L. H. Bud'omna. Rad. shkola 45 no. 5:9-15 My '66.

UKRAINE—ZOOLOGY

Kornilev, O. P. [Guide to the wild animals of the Ukrainian S.S.R.] Vyznachnyk zviriv URSR. Vyd. 2. Kyiv, Radnashka shkola, 1965. 233 p.

UKRAINE, WESTERN—CITY PLANNING

Landscape features of present-day cities in the western provinces of the Ukrainian S.S.R. A. M. Rudnitskii. Stroi. i arkhitekt. [Sbornik] no. 4:79-75 '66.

UKRAINE, WESTERN—COMMUNIST PARTY

A fighter for the well-being of our people: the 70th anniversary of S. V. Bukachuk's birth. V. I. Tverdokhleb. Ukr. ist. zhur. 10 no. 5:131-133 My '66.

UKRAINE, WESTERN—FOLK ART

Harhula, I. V. [Folk art of the western provinces of the Ukraine] Narodne mystetstvo zachidnykh oblastei Ukrainy. Kyiv, Mystetstvo, 1966. 75 p. illus.

UKRAINE, WESTERN—HISTORY

Krozub, Anilin. [Outline history of the Ukrainian-Polish War of 1918-1919] Narys istorii ukrains'ko-pol's'koi viny, 1918-1919, 2. vyd. New York, "Oko," Pt. 2. 1966. 170 p.

UKRAINE, WESTERN—LIMING OF SOILS

Effect of the various types of lime fertilizers on the fertility of the soil in the western forest-steppe of the Ukraine. P. A. Dmitrenko, Z. A. Tomashivskii. Agrokhimia no. 5:3-9 My '66.

UKRAINE, WESTERN—PUBLIC HEALTH

Riabushenko, O. H. [Public health of the population of the western provinces of the Ukraine] Okhorona zdorov'ia naselennia zachidnykh oblastei Ukrainy. Kyiv, Derzh. medychne vyd-vo URSR, 1963. 88 p. (NN)

UKRAINIAN DRAMA (COMEDY)—HISTORY AND CRITICISM

On the nature of satiric comedy. M. Fed'. Rad. lit. 10 no. 5:31-44 My '66.

UKRAINIAN ENCYCLOPEDIAS AND DICTIONARIES see Encyclopedias and dictionaries, Ukrainian

UKRAINIAN FOLK SONGS see Folk songs, Ukrainian

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN HISTORIANS see Historians, Ukrainian

UKRAINIAN LANGUAGE

Kuzyk, Dmytro. [For the Ukrainian language in our Church; is there a basis for the argument against the Ukrainian language in the divine service?] Za ukrains'ku movu v nashih Tserkvi; chii mafut' osnovy argumenty tykli, shcho ie proty ukrains'koi movy v Bohoslužbach? Trenton, N. J., 1964-1965, 2 v.

UKRAINIAN LANGUAGE—GRAMMAR

Kulyk, B. M. [A course in modern Ukrainian literary language; a textbook for faculties of language and literature at pedagogical institutes] Kurs suchasnoi ukrains'koi literaturnoi movy; pidruchnyk dlia fakul'tetiv movy i literaturnykh pedagog. Instytutiv. Vyd. 2., perer. i dop. Kyiv, Radnashka shkola, 1965-1 v. (NIC)

UKRAINIAN LANGUAGE—MAPS

Akademii nauk URSR, Kiev. [Ukrainian linguistic geography] Ukrains'ka lingvistychna geografia. Kyiv, Naukova dumka, 1966. 151 p. (Respublikans'kyi mizhvidomchyl zbirnyk. Seria "Pytannta movoznavstva")

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Radzykevych, Volodymyr. [History of Ukrainian literature; a handbook for schools and courses of Ukrainian studies] Istoria ukrains'koi literatury; pidruchnyk dlia shkil i kursiv ukrainoznavstva. New York, Ukrain's'kyi kongresovyi komitet Ameryky, 1964. 159 p. (U)

Reaching maturity. Vitalii Donchuk. Rad. lit. 10 no. 5:12-30 My '66.

Rod'ko, Mykola. [Soviet literature in the Western Ukraine, 1920-1939; literary criticism] Radnashka literatura v zachidni Ukraini, 1920-1939; literaturno-krytychni narys. Kyiv, Radnashka p's'mennyk, 1964. 159 p. (COU)

UKRAINIAN NEWSPAPERS see subdivision under Bukovina; Ivano-Frankovsk Province; Zhitomir Province

UKRAINIAN PHILOSOPHY see Philosophy, Ukrainian

UKRAINIANS see subdivision under Canada; North America; Volga Valley

ULAN-UDE—ELM—DISEASES AND PESTS

Mining sawfly on the elm. V. Tomilova, B. Verzhutskii. Zashch. rast. 11 no. 5:47 '66.

UL'IANOV, ALEKSANDR IL'ICH, 1866-1887

Aleksandr Ul'ianov. N. Kovalenko. Sov. voim 48 no. 10:14-17 My '66.
The books which Aleksandr Ul'ianov read. A. Cherniak. V mire knig 6 no. 4:44-45 Ap '66.

Older brother. Vladimir Kanvets. Sem'ia i shkola 21 no. 4:33 Ap '66.

UL'IANOV, DMITRII IL'ICH, 1874-1943

Life of Dmitrii Il'ich Ul'ianov, physician and revolutionary; on the 90th anniversary of his birth. M. K. Kuz'min. Sov. med. 28 no. 9:146-149 S '64.

ULNA—FRACTURE

Experience in surgical treatment of fresh fractures of the olecranon. P. N. Petrov, E. G. Shibanova, G. A. Ale-shina. Khirurgia 42 no. 2:46-54 F '66.

ULTRASONIC TESTING

Acoustic method of studying the molecular orientation of fibers. M. P. Novov, S. G. Osinin. Vysokom. soed. 8 no. 5:829-833 My '66.

Certain factors affecting the position of the point of lead-in of ultrasonic vibrations during the control of welded joints. V. P. Savchenko. Defektoskopiia 2 no. 2:43-44 '66.

Characteristics of the operation of the ultrasonic velocimetric defectoscopy method. I. V. Lange, N. V. Shiskin. Zav. lab. 32 no. 1:35-38 '66.

Quality control of cold-rolled pipe made of steel and alloys with a wall thickness of up to 6 mm, using the ultrasonic method. K. V. Zakharikhina. Defektoskopiia 2 no. 2:57-64 '66.

Studying the crystallization of molten metals by the ultrasonic method. S. I. Filippov, N. B. Kazakov, L. A. Pronin. Izv. vsv. ucheb. zav.; Chern. met. 9 no. 5:131-134 '66.

Taking into account interference noises during ultrasonic control by the axially symmetrical velocity method. I. V. Lange. Defektoskopiia 2 no. 2:51-57 '66.

Ultrasonic flaw detection in small diameter pipe. I. A. F. Anikeev, V. I. Teverovskii, N. I. Panikov. Defektoskopiia 2 no. 2:44-51 '66.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Cleaning parts with ultrasonic devices. N. Tel'mov, V. Savchenko, I. Suravtsov. Tekh. v sel'khoz. 26 no. 4:60-70 Ap '66.

Radchenko, L. A., I. I. Dvorkin, and I. I. Koshkin. [Ultrasonics in the manufacture of electronic and vacuum devices] Ul'trazvuk v proizvodstve elektro-vakuumnykh priborov. Leningrad, 1965. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Poradovol proizvodstvennyi opyt. Seria: Elektro-fizicheskie i elektrokhimicheskie metody obrabotki metallov)

Studying the possibilities of accelerating the hydrolysis of woodpulp and wood by means of ultrasonic waves. O. A. Dmitrieva and others. Izv. vsv. ucheb. zav.; les. zhur. 9 no. 1:134-138 '66.

Using acoustical oscillations in obtaining finely divided emulsion. Za tekhn. prog. 4 no. 12:46-47 D '64.

ULTRASONIC WAVES—THERAPEUTIC USE

Ultrasonic treatment of udder pax in cows. V. A. Akatov, I. G. German, V. A. Parikov. Veterinariia 42 no. 4:60-90 Ap '66.

ULTRASONICS

Ultrasonic converters using depleted layer in CdS. V. V. Proklov and others. Radiotekh. i elektron. 11 no. 3:954-958 My '66.

Use of ultrasound in the separation of monomineral fractions. V. A. Glombotskii, I. U. P. Eremln. Izv. AN Kazakh. SSR Ser. geol. 23 no. 1:79-84 Ja-F '66.

ULTRAVIOLET RAYS—EFFECT ON PLANTS see Plants, Effect of ultraviolet rays on

ULTRAVIOLET RAYS—INDUSTRIAL APPLICATIONS

Phase-measurement method used in the design of a double-beam ultraviolet analyzer for petroleum refining. A. A. Tudorovskii, I. U. V. Popov, V. M. Osipov. Izv. vsv. ucheb. zav.; prib. 9 no. 2:3-7 '66.

Ultraviolet absorbers, light stabilizers and light thermos-stabilizers of polyvinyl chlorides and their copolymers. N. A. Glazunova, I. P. Maslova, V. M. Kochina. Plast. massy no. 5:9-12 '66.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Fluorescent ultraviolet examination of myocardial infarct. V. S. Kondrat'ev. Arkh. pat. 28 no. 3:46-51 '66.

Photosensitizing action of furcoumarins. I. A. I. Khadzha, V. F. Kuznetsova. Farmats. zhur. 20 no. 3:66-70 '65.

Resistance of some micro-organism strains to ultraviolet rays. A. I. Zhukova, V. Kh. Kozlova. Mikro-biologiya 35 no. 2:302-306 Mr-Apr '66.

Use of reflected ultraviolet irradiation. S. A. Timashev. Svetotekhnika 12 no. 3:18-19 My '66.

ULTRAVIOLET SPECTRUM see Spectrum, Ultraviolet

UL'YANOVSK

[Ul'yanovsk, hometown of V. I. Lenin; memorable places] Ul'ianovsk - Rodina V. I. Lenina; pamtatnye mesta. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 238 p. (CSI-II)

UL'YANOVSK—COMMUNIST EDUCATION

Education of the growing generation based on Leninist traditions. A. A. Grigor'eva. Vop. ist. KPSS 10 no. 3:145-149 Mr '66.

UL'YANOVSK—MOTORBUS TERMINALS

Bus terminal in Ul'yanovsk. G. Bakshtam. Na stroi. Ros. 7 no. 4:23 Ap '66.

UL'YANOVSK—RUSSIAN SOCIAL DEMOCRATIC PARTY

Fedorov, G. N. [History of the Simbirsk Bolshevik Organization of the Russian Social Democratic Party] K istorii Simbirskoi bol'shevistskoi organizatsii RSDRP. [Saratov] Privolzhskoe knizhnoe izd-vo, 1964. 68 p. (MH)

UL'YANOVSK—TELEPHONE—EMPLOYEES

In Ul'yanovsk we should perform our duties properly. L. A. Fedorov, D. S. Losév. Avtom. i telet. svyaz' 10 no. 4:28-30 Ap '66.

UL'YANOVSK PROVINCE—BIBLIOGRAPHY

Ul'yanovsk. Oblastnaia biblioteka "Dvoretz Knigi." Bibliograficheskii otdel. [New literature on Ul'yanovsk Province, 1962] Novata literatura ob Ul'ianovskoi oblasti (1962 god). [Ul'ianovsk] Ul'ianovskoe knizhnoe izd-vo, 1963. 58 p.

UL'YANOVSK PROVINCE—COMMUNIST COMPETITION

[Scouts from Mirny; about people of communist labor in the village] Razvedchiki iz Mirnogo; o liudiakh kommunisticheskogo truda na sele. [Ul'ianovsk] Ul'ianovskoe knizhnoe izd-vo, 1963. 37 p.

UL'YANOVSK PROVINCE—STOCK AND STOCKBREEDING

[Scouts from Mirny; about people of communist labor in the village] Razvedchiki iz Mirnogo; o liudiakh kommunisticheskogo truda na sele. [Ul'ianovsk] Ul'ianovskoe knizhnoe izd-vo, 1963. 37 p.

UMBELLIFERAE see subdivision under Soviet Far East

UNDERDEVELOPED AREAS—COOPERATIVE SOCIETIES

The International Labor Organization and the problems of the development of cooperation in the developing countries. V. Khorin. Sov. potrebn. koop. 10 no. 5:51-54 My '66.

UNDERDEVELOPED AREAS—ECONOMIC POLICY

The noncapitalist path of development of the liberated countries. V. Tiagunenko, Vnesh. torg. 46 no. 4:21-25 '66.

UNDERDEVELOPED AREAS—FOREIGN ECONOMIC RELATIONS

The developing countries and neocolonialism. A. A. Isken-derov. Vop. ist. KPSS 10 no. 3:20-41 Mr '65.

Plotnev, E. P., ed. [Diplomacy and economic develop-ment] Diplomatiia i ekonomicheskoe razvitiie. Moskva, IMO, 1965. 262 p.

UNDERDEVELOPED AREAS—FOREIGN ECONOMIC RELATIONS—RUSSIA

Fruitful cooperation with developing countries. D. Dog-lar'. Vnesh. torg. 46 no. 5:22-29 '66.

UNDERGROUND COAL GASIFICATION see Coal gasification, Underground

UNDERGROUND WATER see Water, Underground

UNDERWATER ACOUSTICS

Ol'shevskii, V. V. [Statistical characteristics of marine reverberation] Statisticheskie svoystva morskoi reverberatsii. Moskva, Nauka, 1966. 201 p.

UNDERWATER PIPELINES

Applying insulation to underwater sections of pipelines. G. I. Popel', K. P. Erin. Stroitel'stvo, 10 no. 4:18-20 Ap '65.

Certain problems in the planning and operation of under-ground crossings of petroleum and gas pipelines. P. P. Borodavkin, D. A. Cherniav, O. B. Shadrin. Transp. i khran. nefiti i nefteprod. no. 2:3-6 '65.

UNDERWATER WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

Form of the curve of static volt-ampere characteristics of an underwater arc. N. M. Madatov. Avtom. svar. 19 no. 4:37-40 Ap '65.

UNDERWATER WELDING AND CUTTING—SAFETY MEASURES

Solodovnikov, G. S. [Electric safety during work on ships and under water] Elektrobezopasnost' pri rabote na sudakh i pod vodoi. Leningrad, Sudostroenie, 1966.

UNDULANT FEVER see Brucellosis

UNEMPLOYED see subdivision under United States

UNGULATA—PARASITES see Parasites—Ungulata

UNIATS see Catholic Church (Byzantine rites)

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNIONIDAE see subdivision under Siberia

UNIONIDAE, FOSSIL see subdivision under Urat Mountain region

UNITED ARAB REPUBLIC—PATENT LAWS AND LEGISLATION

Patent system in the United Arab Republic. G. I. Tyiskala. Vop. izobr. no. 3:12-16 Mr '66.

UNITED ARAB REPUBLIC—PATENTS

Patent literature of the United Arab Republic and methods for its search. G. F. Serkh. Vop. izobr. no. 3:21-23 Mr '66.

UNITED REPUBLIC OF TANGANYIKA AND ZANZIBAR see Tanzania

UNITED STATES—AIR FORCE

Development of the U.S. Strategic Air Force after the Second World War. A. Aleksandrov. Voen.-ist. zhur. 8 no. 4:43-53 Ap '66.

UNITED STATES—ATOMIC BOMB SHELTERS

Standard shelters. M. Georgiev. Tekh. i vooruzh. no. 7: 60-95 51 '65.

UNITED STATES—BIG BUSINESS

Business of the aggressors. N. Koriagin. Agitator 34 no. 10:55-56 My '66.

UNITED STATES—CANCER

Some observations on cancer in the U. S. A. and the use of megavolt therapy for its treatment. J. J. Stein. Med. rad. 9 no. 4:8-16 Ap '64.

UNITED STATES—CARGO HANDLING

Remote control of port mechanisms. IU, Nooskov, S. Chiharev. Rech. transp. 23 no. 2:52-53 F '64.

UNITED STATES—DAMS

Construction of the rock-fill Cougar Dam in the U. S. A. M. I. Tokar'. Energ. stroit. no. 40:68-71 '64.

UNITED STATES—DESCRIPTION AND TRAVEL

Strel'nikov, B. G. [How are you there in America?] Kak vy tam, v Amerike? [Moskva] Molodeta gvardia, 1965. 288 p. (CST-H)

UNITED STATES—ECONOMIC CONDITIONS

Price of the "boom." G. Popov. Agitator 34 no. 11:48-51 Je '66.

UNITED STATES—ELECTRIC LINES—OVERHEAD

Mechanization of construction and maintenance operations of power transmission lines in the U. S. A. IU. F. Gri-gor'ev. Energ. stroit. no. 40:72-76 '64.

UNITED STATES—EMIGRATION AND IMMIGRATION

American historiography on the role of immigration in the history of the U. S. A. A. N. Shlepakev. Nov. i noveish. ist. no. 3:148-156 '66.

UNITED STATES—FOREIGN ECONOMIC RELATIONS

Hrushko, O. S. [Imperialism as the only source of the danger of war] Imperializm i iednye dzhherok volennot nebezopky. Kyiv, 1965. 47 p. (Tovarystvo "Znamia" Ukrainy'ko RSR. Seriya I, no. 1)

UNITED STATES—FOREIGN RELATIONS

Elucidate the problems of foreign policy profoundly. N. Shishlin. Agitator no. 3:38-41 F '64.

UNITED STATES—FOREIGN RELATIONS—ASIA

Khafin, N. A., and A. A. Merdian. [Yankies in the Orient in the 10th century or, a colonial system without an empire] [Anki na Vostoke v XIX veka, ili kolonializm bez imperii]. Moskva, Mysl', 1966. 198 p.

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA

Klacheturov, K. A. [Culprits of the Latin American drama] Vinovniki latinsko-amerikanskoi dramy. Moskva, IMO, 1966. 111 p.

Some problems concerning the political strategy and tactic of U. S. imperialism in Latin America. V. G. Koriagin. Nov. i noveish. ist. no. 3:37-46 '66.

UNITED STATES—FOREIGN RELATIONS—PANAMA

The events in Panama. M. Sychev. Agitator no. 3:50 F '64.

UNITED STATES—FOREST FIRES—PREVENTION AND CONTROL

Tamarkin, M. L. [Forest fire protection in North America] Otkhrana lesov ot pozharov v Severnoi Amerike. Moskva, Lennat promyshlennost', 1966. 135 p. (DNAL)

UNITED STATES—HISTORIOGRAPHY

American bourgeois historiography of the late 19th and the early 20th century and the problem of the participation of Negroes in the abolitionist movement. P. B. Umanskii. Vop. ist. vostochn. ist. no. 1:3-10 '64.

American historiography on the role of immigration in the history of the U. S. A. A. N. Shlepakev. Nov. i noveish. ist. no. 3:148-156 '66.

Dominant school of the American bourgeois historiography of the labor movement. S. M. Askoldova. Vop. ist. 41 no. 5:41-53 My '66.

UNITED STATES—HYDROFOIL BOATS

Work in developing seagoing hydrofoil passenger ships in the United States. V. M. Pashin. Sudostroenie 56 no. 3:11-14 Mr '66.

UNITED STATES—LABOR AND LABORING CLASSES

Dominant school of the American bourgeois historiography of the labor movement. S. M. Askoldova. Vop. ist. 41 no. 5:41-53 My '66.

UNITED STATES—LAW—PHILOSOPHY

Some basic schools of legal theory and sociology in the U. S. A. K. Opalek, E. Wroblewski. Sov. gos. i pravo 36 no. 5:106-111 My '66.

UNITED STATES—MILITARY INTELLIGENCE

The paths of American strategic intelligence. P. Sergeev. Voen.-ist. zhur. 8 no. 5:40-50 My '66.

UNITED STATES—MILITARY POLICY

Anticommunism in the service of imperialist reaction. A. Iabakev. Komm. Vooruzh. Sil 47 no. 10:75-80 My '66.

Shvedkov, I. A. [United States of America, 1966: results and consequences of the policy of aggression] Sootnennye Shtaty Ameriki god 1966; itogi i posledstviya politiki agressii. Moskva, Znaniia, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike, VII Seriya; Mirovaia narodnaia, no. 8)

UNITED STATES—MONOPOLIES

Kozlova, K. B. [Monopolies and their bourgeois critics; on the economic views of the ideologists of the nonmonopolistic bourgeoisie of the U. S. A.] Monopolii i ikh burzhuaznye kritiki; ob ekonomicheskikh vzgladakh ideologov nemonopolisticheskoi burzhuazii SShA. Moskva, Mysl', 1966. 226 p.

UNITED STATES—NAVY

U. S. 7th Fleet, weapon of aggression in Vietnam. I. P. Vinogradov. Mor.abor. 49 no. 5:81-86 My '66.

UNITED STATES—NEGROES

American bourgeois historiography of the late 19th and the early 20th century and the problem of the participation of Negroes in the abolitionist movement. P. B. Umanskii. Vop. ist. vostochn. ist. no. 1:3-10 '64.

UNITED STATES—PATENTS—PERIODICALS

Some peculiarities of the language of U. S. A. patent weekly "Official Gazette." A. L. Vasilievskii, IU, M. Endina. Vop. izobr. no. 3:24-26 Mr '66.

UNITED STATES—PROPAGANDA, ANTICOMMUNIST

Zhivelov, N. I. [Operation PW; "psychological warfare" of the American imperialists] Operatsiia PW; "psikhologicheskaya voyna" amerikanskikh imperialistov. Moskva, Politizdat, 1966. 209 p.

UNITED STATES—PROSPECTING—GEOPHYSICAL METHODS

What Soviet geophysicists saw in the United States. V. V. Fedynskii. Geol. nefiti i gaza 10 no. 5:56-64 My '66.

UNITED STATES—RADIO—INSTALLATION ON SHIPS

Radioelectronics on a ship. P. Fridolin, V. Maksimov. Tekh. i vooruzh. no. 7:66-69 Ji '65.

UNITED STATES—RADIOTHERAPY

Some observations on cancer in the U. S. A. and the use of megavolt therapy for its treatment. J. J. Stein. Med. rad. 9 no. 4:8-16 Ap '64.

UNITED STATES—RUSSIAN STUDIES

Characteristics of American "Soviet studies." H. P. Kanevskii. Vop. ist. 41 no. 5:181-186 My '66.

UNITED STATES—SOCIOLOGICAL JURISPRUDENCE

Antidemocratism of dominant trends in American "sociology of law." P. G. Zykov. Vop. filos. 20 no. 4:132-140 '66.

Some basic schools of legal theory and sociology in the U. S. A. K. Opalek, E. Wroblewski. Sov. gos. i pravo 36 no. 5:106-111 My '66.

UNITED STATES—UNEMPLOYED

Generation of the "superfluous." N. Gruzner. Nov. vresh. 23 no. 24:5-8 Je '66.

UNIVERSAL DECIMAL CLASSIFICATION see Classification, Universal decimal

UNIVERSITIES AND COLLEGES see subdivision under Gorkiy

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS see subdivision under Leningrad

UNIVERSITIES AND COLLEGES—EXAMINATIONS

Russia (1917- R. S. F. S. R.) Ministerstvo vysshago i srednego spetsial'nogo obrazovaniia. [Entrance examination programs for students entering institutions of higher education of the U. S. S. R. in 1966] Programmy vstupitel'nykh eksaminov dlia postupaia-shchikh v vyssheie uchebnye zavedeniia SSSR v 1966. godu. Moskva, 1966. 22 p.

UNIVERSITIES AND COLLEGES—GRADUATE WORK

Lehn, B. D. [Selection, training and certification of scientists in the U. S. S. R.; problems of history and legislation] Podbor, podgotovka i attestatsiia nauchnykh kadrov v SSSR; voprosy istorii i pravovogo regulirovaniia. Moskva, Nauka, 1966. 205 p.

UNSATURATED COMPOUNDS

Amines and ammonium compounds. Part 33: Isomerization of the alkyl-2-yl group of ammonium complex to the 1,2-allene group. M. G. Indzhikhan and others. Izv. AN Arm. SSR, Khim. nauki 10 no. 6:660-671 '65.

Cyanine dyes containing fluorine. Part 13: Thia- and imidacyanine dyes with unsaturated fluorine-containing substituents. L. M. Iagol'skii, N. V. Kosdratenko, IU, A. Fialkov. Zhur. ob. khim. 36 no. 5:930-934 My '66.

Diene C₆H₈ excretion by leaves of poplar under various light conditions. G. A. Sanadze, A. N. Kalandadze. Dokl. AN SSSR 168 no. 1:227-229 My '66.

Highly unsaturated polymers. Report No. 16: Polyacetylene compounds, derivatives of di-, triphenylmethane, and diphenylethane. I. L. Kotliarskii and others. Izv. AN SSSR, Ser. khim. no. 5:902-909 '66.

Highly unsaturated polymers. Report No. 17: Synthesis of mono- and diethynyl vinyl derivatives of benzene and their oxidative condensation. I. L. Kotliarskii, M. I. Bardamova, T. G. Shishmakova. Izv. AN SSSR, Ser. khim. no. 5:909-914 '66.

UPPER TULOMA HYDROELECTRIC POWER STATION—BUILDINGS, PREFABRICATED

Prefabricated and demountable-type temporary buildings at the construction site of the Upper Tuloma Hydroelectric Power Station. O. V. Krasnov. Energ. stroit. no. 2:93-97 '65.

URACIL—PHYSIOLOGICAL EFFECT

Effect of 5-fluorouracil on some indices of the carbohydrate metabolism in white rats. R. A. Anderson. Farm. i toks. 29 no. 2:219-221 Mr-Apr '66.
Effect of local destruction of the reticular formation on the development of goiter in rabbits in response to introduction of methylthiouracil. A. S. Efimov, I. I. Bushnev. Probl. endok. i gorm. 12 no. 3:97-101 My-Je '66.
Mechanism of the mutagenic action of 5-bromouracil. Report No. 1: Chromatographic analysis of the ribonucleic acid of Salmonella typhimurium 70, grown in the presence of 5-bromouracil. V. N. Pekrovskii. Zhur. mikrobiol., epid. i immun. 41 no. 7:51-53 Ji '64.

URAL MOUNTAIN REGION—ALUMINUM PLANTS

Extending alumina output in the Urals. G. Sopran. Na stroi. Ros. 7 no. 4:5-6 Ap '66.

URAL MOUNTAIN REGION—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

With guaranteed rating plate. E. Bospalov. Na stroi. Ros. 7 no. 4:22 Ap '66.

URAL MOUNTAIN REGION—ARTISTS

Sazonov, N. S. [Memoirs of an artist from the Urals] Zapiski uralskogo khudozhnika. Leningrad, Khudozhnik RSFSR, 1966. 162 p. illus.

URAL MOUNTAIN REGION—AUTHORS

Anashkina, V. T., comp. [Writers of the Central Urals; a bibliobibliographical reference book] Pleateli Srednego Urala; bibliobibliograficheski spravochnik. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 201 p.

URAL MOUNTAIN REGION—COMMERCE

Export services in the enterprises of the Urals. Vnesh. tor. 46 no. 3:36-37 '66.

URAL MOUNTAIN REGION—ELECTRIFICATION

Marinov, A. M. [Ural power system] Ural'skaya energosistema. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1958. 64 p.

URAL MOUNTAIN REGION—FOREIGN LABOR

Participation of foreign workers and specialists in socialist construction in the Urals, 1930-1934. N. P. Sharapov. Vop. ist. KPSS 10 no. 3:79-78 Mr '66.

URAL MOUNTAIN REGION—GEOCHEMICAL PROSPECTING

Leningrad. Universitet. [Geochemistry of landforms in the southeastern part of the Trans-Ural region] Geokhimiya landshaftov Ugo-Vostochnogo Zaural'ia. [Leningrad] 1966. 181 p. diagrs. (insert)

URAL MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphic significance of Pliocene Unionidae in the southern part of the Trans-Ural region. R. L. Merklin, A. L. Chepalyna. Blul. Kom. chetv. per. no. 3:99-103 '66.

Stratigraphy and correlation of Cretaceous continental sediments in the Ural Mountain Region. G. G. Martinson and others. Sov. geol. 9 no. 4:92-103 Ap '66.

URAL MOUNTAIN REGION—GEOLOGY, STRUCTURAL

Structural and formational subdivisions of the Western Ural (Ural Mountain region) Depression. V. P. Gorskii. Trudy VSEGEI 128:73-79 '66.

URAL MOUNTAIN REGION—GEOMORPHOLOGY

Characteristics of the relief of the northern regions of the Urals and the adjacent parts of Western Siberia as related to the tectonic structure of the territory. L. F. Kunitsyan. Trudy MOIP 18:219-228 '66.

URAL MOUNTAIN REGION—INDUSTRIES

Participation of foreign workers and specialists in socialist construction in the Urals, 1930-1934. N. P. Sharapov. Vop. ist. KPSS 10 no. 3:79-74 Mr '66.

URAL MOUNTAIN REGION—IRON MINES AND MINING—FINANCE

Capital yield in the iron-ore mines of the central Urals. L. N. Tsimbalenko, E. M. Kozakov, M. S. Galshtik. Gor. zhur. no. 5:19-21 My '66.

URAL MOUNTAIN REGION—LABOR AND LABORING CLASSES—EDUCATION

Kogan, L. N. [Development of the spiritual culture of Soviet workers] Rost dukhovnoi kul'tury sovetskikh rabochikh. Moskva, Znanie, 1966. 40 p. (Novoe y zhizni, nauke, tekhnike. II Seriya; Filosofiya, no. 9)

URAL MOUNTAIN REGION—LANDFORMS

Leningrad. Universitet. [Geochemistry of landforms in the southeastern part of the Trans-Ural region] Geokhimiya landshaftov Ugo-Vostochnogo Zaural'ia. [Leningrad] 1966. 181 p. diagrs. (insert)

URAL MOUNTAIN REGION—LARCH

Participation of larch in the reforestation of felling areas after clear-cutting in the Central Ural pine forests. R. V. Lamanova. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1: 12-13 '66.

URAL MOUNTAIN REGION—METALLURGICAL RESEARCH

Immediate tasks for the Eastern Institute of Refractories. K. K. Strelov, D. S. Rutman, V. D. Bondarenko. Ogneupory 31 no. 5:5-8 '66.

URAL MOUNTAIN REGION—MINERALOGY

Vertical and horizontal zoning in mineral formation. A. E. Kariakin, A. V. Plizhur. Min. sbor. 19 no. 2:220-225 '66.

URAL MOUNTAIN REGION—PALEONTOLOGY, STRATIGRAPHIC

Paleontological basis of the division of Upper Jurassic sediments in the subarctic Ural Mountain region. V. I. Romanova. Trudy VSEGEI 115:105-113 '65.

URAL MOUNTAIN REGION—PLANTING TIME

Planting time in the Trans-Ural region. A. K. Vershinina. Zemledelie 28 no. 4:28-29 Ap '66.

URAL MOUNTAIN REGION—POTASSIUM SALTS

Koronevskii, S. M., and M. L. Voronova. [Geology and conditions governing the formation of potassium deposits in the Caspian syncline and the southern cis-Uralian trough] Geologiya i uslovia formirovaniia kaliinykh mestorozhdenii Prikaspiiskot sinekilzy i Juzhno-Predural'skogo proglia. Moskva, Nedra, 1966. 278 p.

URAL MOUNTAIN REGION—RADIOLARIA, FOSSIL

Complexes of Radiolaria in the Paleogene sediments of the Turgay depression and the northern part of the Ural Mountain region. R. Kh. Lipman. Trudy VSEGEI 115:78-89 '65.

URAL MOUNTAIN REGION—REFORESTATION

Participation of larch in the reforestation of felling areas after clear-cutting in the Central Ural pine forests. R. V. Lamanova. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:12-13 '66.

URAL MOUNTAIN REGION—RUSSIAN LITERATURE—HISTORY AND CRITICISM

Dergacheva-Skop, E. I. [From the history of the 17th century literature of the Urals and Siberia] Iz istorii literatury Urala i Sibiri XVII veka. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 152 p. (Doklady Sverdlovskogo literaturnogo muzeya im. D. N. Mamina-Sibirskaya)

URAL MOUNTAIN REGION—SILVER ORES

Silver potential in the barite-complex metal ores of the Bogant'-Beregovskoye deposit. L. N. Nesterova. Min. sbor. 19 no. 2:245-248 '65.

URAL MOUNTAIN REGION—TURPENTINING

Pine tapping in the northern Ural Mountain region. S. I. Novikov. Gidroliz, i lesokhim. prom. 10 no. 4:19-20 '66.

URAL MOUNTAIN REGION—UNIONIDAE, FOSSIL

Stratigraphic significance of Pliocene Unionidae in the southern part of the Trans-Ural region. R. L. Merklin, A. L. Chepalyna. Blul. Kom. chetv. per. no. 3:99-103 '66.

URAL MOUNTAINS—ASH DISPOSAL

Revegetation of the ash dumps of the thermal electric power plants of the Urals. V. V. Tarchevskii. Trudy MOIP 18:231-287 '66.

URAL MOUNTAINS—BLAST FURNACES—EQUIPMENT AND SUPPLIES

Use of natural gas in blast furnaces of the Southern Ural plants. I. U. P. Volkov and others. Stal' 26 no. 5:306-301 My '66.

URAL MOUNTAINS—BOTANY

Flora of the mountain and plain tundras and the sparse forests of the Urals. K. N. Igoshina. Rast. Krain. Sev. SSSR i ee osv. no. 6:135-223 '66.

URAL MOUNTAINS—BOTANY, ECONOMIC

Plant resources of the Urals. K. N. Igoshina. Trudy MOIP 18:179-197 '66.

URAL MOUNTAINS—CONSERVATION OF NATURAL RESOURCES

Regionalization of the Urals and conservation of natural resources. B. P. Kolesnikov. Trudy MOIP 18:270-280 '66.

V. I. Lenin and problems concerning the conservation of natural resources of the Urals. A. K. Shvarts. Trudy MOIP 18:238-283 '66.

URAL MOUNTAINS—COPPER MINES AND MINING

Drawing protective pillars at the Krasnogvardeysk mine by systems with hardening filling. I. V. Dement'ev, A. A. Khimich, V. M. Bakhtmutov. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:17-22 '66.

URAL MOUNTAINS—COPPER ORES

Kisilakov, L. D., and others. [Flotation of the copper-zinc and copper ores of the Urals] Flotatsia medno-tsinkovykh i mednykh rud Urala. Moskva, Nedra, 1966. 386 p.

URAL MOUNTAINS—DIABASE

Age position of gabbro-diorites in the Burabay ore zone (Southern Urals). A. I. Krivtsov, V. V. Rjabov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:58-62 My '66.

URAL MOUNTAINS—DISCOVERY AND EXPLORATION

Russian geographical discoveries in the Urals during the period from the 11th to the 15th century. E. V. Lastrebov. Trudy MOIP 18:234-269 '65.

URAL MOUNTAINS—ECLOGITE

Minerals, native elements and sulfides, in eclogites of the Southern Urals. B. V. Chesnokov, V. A. Popov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 3:67-74 Mr '66.

URAL MOUNTAINS—GAME AND GAME BIRDS

Resources of commercially hunted mammals in the Ural Mountains. M. I. A. Marvin. Trudy MOIP 18:198-206 '66.

URAL MOUNTAINS—GEOLOGICAL TIME

Age and structure of the Mysovskaya of the eastern slope of the Central Urals. V. S. Fevzner. Trudy VSEGEI 115:100-104 '65.

Age position of gabbro-diorites in the Burabay ore zone (Southern Urals). A. I. Krivtsov, V. V. Rjabov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:58-62 My '66.

New data on the age of volcanic formations of the "Daymak-Burebay series" in the Southern Urals. O. A. Nestolanova, I. U. L. Kuvaevskii. Dokl. AN SSSR 168 no. 2:409-411 My '66.

URAL MOUNTAINS—GEOLOGY

Relationship between the Paleozoic structures of the southern Tien Shan and the Southern Urals and their ore prospects. I. Kh. Khamrabaev. Dokl. AN SSSR 168 no. 1:173-176 My '66.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Vendian complex of the Urals. B. M. Keller. Sov. geol. 9 no. 5:58-69 My '66.

URAL MOUNTAINS—GUIDEBOOKS

Mastennikov, E. P., P. I. Ietomlin, and R. B. Rubel'. [Urals, the tourist country; a guidebook] Ural - turisticheskaya strana; putevoditel', Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 349 p.

URAL MOUNTAINS—MANGANESE ORES

Some problems of the genesis of manganese deposits in the Southern Urals. I. E. Kuznetsova, I. A. Barikova. Vest. Mosk. un. Ser. 4: Geol. 21 no. 2:116-118 Mr-Apr '66.

URAL MOUNTAINS—MINERALOGY

Minerals, native elements and sulfides, in eclogites of the Southern Urals. B. V. Chesnokov, V. A. Popov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 3:67-74 Mr '66.

URAL MOUNTAINS—NATURAL HISTORY

Contribution to the history of the study of the nature of the Urals. N. P. Arkhipova. Trudy MOIP 18:237-253 '66.

URAL MOUNTAINS—NATURAL RESOURCES

Territorial complexes of natural resources of the Urals. I. V. Komar. Trudy MOIP 18:167-178 '66.

URAL MOUNTAINS—PHYSICAL GEOGRAPHY

Physicogeographical regionalization of the Southern Urals. I. P. Kadil'mkov. Trudy MOIP 18:107-120 '66.
Physicogeographical regionalization of the Urals. A. G. Chikishev. Trudy MOIP 18:7-64 '66.

Theoretical and methodological foundations of some schemes for the physicogeographical regionalization of the Urals. V. I. Prokhaev. Trudy MOIP 18:121-133 '66.

URAL MOUNTAINS—QUARTZ

Vain quartz from one of the deposits of mountain crystal in the Southern Urals. V. T. Ushakovskii. Zap. Vses. min. ob-va 95 no. 2:228-232 '66.

URAL MOUNTAINS—RARE-EARTH METALS

Rare-earth elements in the schistites of the Urals. P. V. Pokrovskii. Geokhimiya no. 7:646-649 Ji '64.

URAL MOUNTAINS—ROCKS, IGNEOUS

Main characteristics of the development of igneous activity in the Paleozoic eugeosyncline of the eastern slope of the Southern Urals. T. I. Frolova, G. B. Rudnik, V. S. Sharfman. Sov. geol. 9 no. 5:28-46 My '66.

URAL MOUNTAINS—ROCKS, IGNEOUS (Continued)

New data on the age of volcanic formations of the "Daymak-Burehoy series" in the Southern Urals. O. A. Nestolova, I. L. Kuvaevskii. Dokl. AN SSSR 168 no. 2:409-411 My '66.

URAL MOUNTAINS—RUNOFF

Streamflow in the Urals. A. O. Kemmerikh. Trudy MOIP 19:143-154 '66.

URAL MOUNTAINS—SCHEELITE—ANALYSIS

Rare-earth elements in the scheelites of the Urals. P. V. Pokrovskii. Geokhimiia no. 7:646-649 Ji '64.

URAL MOUNTAINS—SOLAR RADIATION

Radiation and heat balance of the Urals. N. A. Efimova, L. I. Zubenov. Trudy MOIP 19:134-142 '65.

URAL MOUNTAINS—SPRUCE—DISEASES AND PESTS

Root damage and stump rot in spruce forests of the Central Urals. A. G. Shavrin. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:169-171 '66.

URAL MOUNTAINS—WATER, UNDERGROUND

Water balance and base flow in the Urals. G. A. Maksimovich, V. A. Baikov. Trudy MOIP 19:155-166 '65.

URALSK PROVINCE—FISHERIES

Fish... in the shallow water. T. Balbatyrov, Nat. khoz. Kazakh, 24 no. 4:83-85 Ap '66.
More efficient use of the bodies of water in Ural'sk and Gur'yev Provinces. S. S. Kochnev. Ryb. khoz. 42 no. 3:21-22 '66.

URANIUM

(see also subdivision under Siberian Platform)

Occurrence of forms of uranium in marine sediments. V. K. Legin, I. V. Kaznetsov, K. F. Lazarev. Geokhimiia no. 5:606-608 My '66.

Uranium content in the external environment and human excreta. A. V. Berdnikova. Vop. pit. 23 no. 4:17-20 Ji-Ag '64.

URANIUM—ANALYSIS

Forms in which uranium is found in phosphorites; a review. M. I. Tarantova. Metod. izuch. veshch. sost. i ikh prim. no. 1:73-77 '65.

Photometric method of determining uranium in natural waters by means of arsenazo III. A. A. Nemodruk, R. I. U. Deberdeeva. Radiokhimiia 8 no. 2:248-251 '65.

URANIUM—METALLURGY

Role of the carbon gasification reaction in the uranium oxide reduction processes. E. V. Tkachenko, V. G. Vinsov. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 2:103-109 '66.

URANIUM COMPOUNDS

Dithiocarbamate complexes of uranium. I. D. Muzyka, E. D. Romanenko, N. N. Tananayeva. Zhur. neorg. khim. 11 no. 5:1214-1219 My '66.

Electrode processes in the reduction of uranium compounds in nitric acid solutions. A. I. Stabrovskii. Zhur. neorg. khim. 11 no. 4:845-853 Ap '66.

URANIUM FLUORIDES

Heats of formation of gaseous uranium fluorides. I. N. Godunov, A. S. Sverdin. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:40-43 '65.

URANIUM ORES

Danchev, V. I., N. P. Strelanov, and P. P. Shilovskii. [Formation of exogenous uranium deposits and the methods of studying them] Obrazovanie ekzogennykh mestorozhdenii urana i metody ikh izucheniia. Moskva, Atomizdat, 1966. 245 p.

Hydrochemical conditions governing the formation of arsenic and phosphoric uranium specularite. V. S. Serebrennikov. Geokhimiia no. 5:502-510 My '66.

URANIUM OXIDES

Quantitative and X-ray phase-shift analysis of α - UO_3 admixture to the amorphous modification of UO_3 . L. M. Vidyavskii and others. Zhur. neorg. khim. 11 no. 4:929-931 Ap '66.

URANYL COMPOUNDS

Effect of the nature of acidoligands on the complex formation of uranyl with tri-n-butylphosphine oxide. S. M. Sinitsyna, N. M. Shiltsyn. Dokl. AN SSSR 168 no. 1:110-112 My '66.

URANYL NITRATE

Kinetics of the re-extraction of nitrates of some metals from alkylphosphoric solutions into water. Part I: Systems $\text{UO}_2(\text{NO}_3)_2 \cdot 2\text{S}$ (S-DBBP, BEDBP, TBPO). V. S. Fedorov, M. P. Pushlenkov. Radiokhimiia 8 no. 2:132-136 '66.

UREA

Determination of residual concentration of 3-(p-chlorophenyl)-1,1-dimethylurea in the bodies of water following their treatment with manuron. A. D. Konenko, Zh. I. Iarysh. Gidrobiol. zhur. 2 no. 2:65-67 '66.

Free and bound urea in the brain. I. M. Agafonova, A. A. Krutchevskaya, Z. S. Gershenovitch. Dokl. AN SSSR 168 no. 2:458-458 My '66.

Inclusion compounds of urea with some derivatives of fatty acids. N. Z. Rudenko. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:67-71 '65.

Infrared absorption spectra of urea complexes with bivalent metal salts. N. S. Antonenko, I. A. Nuger. Zhur. neorg. khim. 11 no. 5:1072-1075 My '66.

Iodochlorometric method of quantitative determination of α -naphthylthiourea (Gaystid). P. P. Suprun. Farmats. zhur. 20 no. 3:36-41 '65.

Photoelectrocolorimetric determination of barbital in mixtures with bromisoval and amidopyrine. V. I. Popova, V. P. Kramarenko. Farmatsev. zhur. 21 no. 2:27-31 '66.

Stability of the complex compounds of zinc, cadmium, cobalt, and nickel with thiourea in aqueous-acetone solutions. V. M. Shul'man and others. Zhur. neorg. khim. 11 no. 5:1076-1080 My '66.

UREA—EFFECT ON PLANTS see Plants, Effect of urea on

UREA—PHYSIOLOGICAL EFFECT

Effect of urea on the activity of the enzyme system of acetylation in the liver of pigeons controlled and injured by CC14. A. E. Grebennikova. Dokl. AN Tadzh. SSR 9 no. 4:38-41 '66.

UREA—TOXICOLOGY

Veterinary sanitary evaluation of the beef of cattle poisoned with urea. T. S. Nesterov. Uch. zap. Viteb. vet. inst. 18:277-284 '64.

UREA AS FEED

Results of feeding carbamide to lactating cows. V. F. Lemezh, A. P. Shpakov, V. K. Nazarov. Uch. zap. Viteb. vet. inst. 18:72-83 '64.

Use of urea and sulfur in feeding sheep. T. M. Karatun, I. Z. Akhmetov. Khim. v sel'. khoz. 4 no. 5:51-52 My '65.

UREASE

Activity of soil urease. V. F. Kuprevich, T. A. Shecherbakova, G. P. Tsiupa. Dokl. AN BSSR 10 no. 5:336-338 My '66.

URETERS—ABNORMALITIES AND DEFORMITIES

Selection of the surgical method in extravascular ectopy of the ureter. V. G. Ikkis. Urol. i nefr. no. 3:44-45 '65.

URETERS—SURGERY

Selection of the surgical method in extravascular ectopy of the ureter. V. G. Ikkis. Urol. i nefr. no. 3:44-45 '65.

Ureterolithotomy in a patient with anglohemophilia. G. M. Abdullayev. Urol. i nefr. no. 3:52-54 '65.

URETHANE FOAM—THERAPEUTIC USE

Use of porolon for the plastic repair of defects of the abdominal wall. V. S. Korenlak. Klin. khir. no. 7:58-59 '65.

URETHANES

Crystallization of polyurethanes. B. V. Vasil'ev and others. Vysokom. soed. 8 no. 5:938-942 My '66.

Effect of solvents on the mechanical properties of elastic foam polyurethanes. I. U. N. Poliakov, O. G. Tarakanov. Plast. massy no. 5:13-15 '66.

URETHANES—DIELECTRIC PROPERTIES

Dielectric properties of polyethyleneadipateurethane. I. M. Erlikh, N. P. Apukhtina, L. I. Rappoport. Plat. massy no. 5:47 '66.

URETHRA—MICROBIOLOGY

Effect of antibiotics and their conjugations with sulfanilamides on the urethral microflora in nongonorrheal urethritis in males. K. K. Soina. Urol. i nefr. no. 3:45-48 '65.

URETHRA—STRICTURE

Late results of the treatment of posttraumatic urethral strictures using the Khol'tsov-Marion method. Kazimierz Panaszewicz. Urol. i nefr. no. 3:56-57 '65.

URETHRA—TUMORS

Neurogenic urethral tumors. D. Sh. Benishvili. Urol. i nefr. no. 3:57-58 '65.

URINARY CALCULI see Calculi, Urinary

URINARY ORGANS—DISEASES

Large-photograph fluorography in excretory urography with compression. E. M. Kagan, V. M. Perelman. Vest. rent. i rad. 41 no. 2:63-68 Mr-Ap '66.

URINARY ORGANS—WOUNDS AND INJURIES

First aid in fractures of the pelvis with injuries of the urinary bladder and the urethra. P. A. Milonov. Ortop., travm. i protez. 25 no. 10:71 O '64.

Fractures of pelvic bones with lesions of the urinary bladder and urethra. P. A. Milonov. Khirurgia 42 no. 2:77-82 F '66.

URINE—ANALYSIS AND PATHOLOGY

Determination of cesium in the urine by the flame photometry method. I. U. F. Koval'. Lab. delo no. 4:213-214 '66.

Examination of urine activity in radioiodine therapy of thyrotoxicosis. G. N. Anasov. Probl. endok. i gorm. 12 no. 3:30-34 My-Je '66.

Excretion of vitamin C and B2 in the urine of patients with tuberculous meningitis. A. A. Novakovskaya and others. Sov. med. 28 no. 9:125-127 S '64.

Ornithine-carbamoyltransferase in the blood of rabbits with Brown-Pearce carcinoma. T. P. Saramkina. Vop. med. khim. 12 no. 3:253-255 My-Je '66.

URODELA

Mechanism of food grasping in Urodela larvae. A. S. Severtsov. Dokl. AN SSSR 168 no. 1:230-233 My '66.

URONIC ACIDS

Isolation and study of acetylated xylouronic. V. I. Sharov, N. I. Kubina, I. U. P. Solov'eva. Zhur. prikl. khim. 38 no. 8:1854-1857 Ag '63.

UROPEPSIN

Excretion of uropepsin in pulmonary tuberculosis patients. L. P. Chumakova. Probl. tub. 42 no. 6:37-41 '64.

Secretion of uropepsin in tuberculous children. G. V. Cherednikova. Probl. tub. no. 7:65-70 '65.

URUP ISLAND—LAVA

Pillow lavas and hyaloclastic material in the Urup Island (Kurile Islands). B. N. Piskunov. Dokl. AN SSSR 168 no. 1:106-109 My '66.

URUP ISLAND—VOLCANIC ASH, TUFF, ETC.

Pillow lavas and hyaloclastic material in the Urup Island (Kurile Islands). B. N. Piskunov. Dokl. AN SSSR 168 no. 1:106-109 My '66.

USHAKOVA, ELIZAVETA IVANOVNA, 1895-

Elizaveta Ivanovna Ushakova. A. V. Alpat'ev. Vest. sel'khoz. nauk i no. 12:132-134 D '65.

UST' KACHKA (PERM PROVINCE)—BATHS, MEDICATED

Skin temperature and its changes under the effect of iodine bromide baths. T. F. Remne. Vop. kur., fizioter. i lech. fiz. kul't. 20 no. 5:435-438 S-O '64.

UST'-KAMENOGORSK—NONFERROUS METAL INDUSTRIES—MANAGEMENT

A new system of planning in operation. Nar. khoz. Kazakh, 24 no. 4:25-29 Ap '66.

UST'-KAMENOGORSK RESERVOIR—DENTHOS

Denthos of Ust'-Kamenogorsk Reservoir. V. A. Kiseleva. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no. 4:59-67 Ji-Ag '64.

USTYURT—GAS, NATURAL—GEOLOGY

Possible oil and gas occurrences and basic trends in further prospecting operations in the Ustyurt. G. Kh. Dikenshtein and others. Geol. nefti i gaza 10 no. 5:4-10 My '66.

USTYURT—PETROLEUM GEOLOGY

Possible oil and gas occurrences and basic trends in further prospecting operations in the Ustyurt. G. Kh. Dikenshtein and others. Geol. nefti i gaza 10 no. 5:4-10 My '66.

UTERUS

Stimulatory and inhibitory effect of estrogens on mitotic activity. S. S. Laguchev. TSitologiya 6 no. 4:459-463 Ji-Ag '64.

UTERUS—CANCER

Characteristics of carbohydrate metabolism in cancer of the corpus uteri. L. A. Danova. Vop. onk. 12 no. 5:46-51 '66.

Problems of the diagnosis and treatment of uterine chorioepithelioma. I. D. Nechasva, V. M. Dil'man. Vop. onk. 12 no. 5:97-105 '66.

UTERUS—DISEASES

Effect of pituitrin and calcium chloride on the uterus of cows under experimental and clinical conditions. I. A. G. Gubarevich, V. M. Voskoboynikov. Uch. zap. Viteb. vet. inst. 18:295-295 '64.

Experimental and clinical data on the action of glucose on the uterus of cows. V. M. Voskoboynikov. Uch. zap. Viteb. vet. inst. 18:297-305 '64.

UTERUS—TUMORS

Results of conservative treatment of uterine fibromyoma. L. I. Davydov. Sov. med. 28 no. 9:103-105 S '64.

UUTMAA, RICHARD, 1905-

Matt, Fritz, Richard Uutmaa, Tallinn, Kirjastus "Kunst," 1966, 42 p. illus. [In Estonian and Russian]

UZBEK ART see Art, Uzbek

UZBEKISTAN—ANDALUSITE

Comparative mineralogical characteristics of the andalusites of the Zhetysay-Zhigal'din Mountains. E. O. Otakoziev. Uzb. geol. zhur. 10 no. 2:60-67 '66.

UZBEKISTAN—ANTIQUITIES

Akademii nauk Uzbekskoi SSR, Tashkent, Institut istorii i arkhologii. [History of the material culture of Uzbekistan] *Istoriia material'noi kul'tury Uzbekistana*. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR.

No. 6. 1965. 210 p.

UZBEKISTAN—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Solving problems of the optimal design of residential buildings. V. D. Gliberg. *Stroi. i arkh. Uzb.* 7 no. 5: 16-20 My '66.

UZBEKISTAN—ARCHITECTURE

Pugachenkova, G. A., and L. I. Rempel. [History of the arts of Uzbekistan from ancient times to the middle of the nineteenth century] *Istoriia iskusstv Uzbekistana, s drevneishikh vremen do serebryy dekadatsionnogo veka*. [Moskva, Iskusstvo, 1965] 417 p. (CU)

UZBEKISTAN—BITUMINOUS MATERIALS

Extracting roofing varieties of bitumen from Dzhar-kargan petroleum. N. Buranov, T. Fazilov. *Stroi. i arkh. Uzb.* 7 no. 7: 26-27 JI '66.

UZBEKISTAN—BOOKSELLERS AND BOOKSELLING

In the villages of Uzbekistan. M. Prokhonova. *Knizh. torg.* 17 no. 5: 31 My '66.

We should meet the demands of our customers better. Z. Eshenboev. *Knizh. torg.* 17 no. 5: 9-10 My '66.

UZBEKISTAN—BUILDING—ESTIMATES

More on the quality of estimates. N. I. Minskii. *Stroi. i arkh. Uzb.* 7 no. 5: 11 My '66.

UZBEKISTAN—CANNING INDUSTRY—BY-PRODUCTS

Production of concentrated peelin in the Yangi-Yul Cannery. I. A. S. Tolstoung. *Kons. i ov. prom.* 21 no. 5: 46-47 My '66.

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Vasil'ov, E. V. [In the struggle for the relation of political enlightenment to life] *V bor'bu za svyaz' politicheskogo prosvoshcheniia s zhizn'iu*. Tashkent, "Uzbekistan," 1965. 152 p. (CS-I)

UZBEKISTAN—CONSTRUCTION EQUIPMENT

Main trends in the introduction of new equipment during 1966. B. A. Tashenko, M. M. Strizhevskii. *Stroi. i arkh. Uzb.* 7 no. 5: 1-2 My '66.

UZBEKISTAN—CONSTRUCTION INDUSTRY

Experience of Leningrad workers should be introduced into Uzbek construction practice. *Stroi. i arkh. Uzb.* 7 no. 5: 43-3 of cover My '66.

Powerful factor for technical progress in construction. U. Nikitin. *Stroi. i arkh. Uzb.* 7 no. 5: 41-42 My '66.

Toward new goals. *Stroi. i arkh. Uzb.* 7 no. 3: 1-3 Nr '66.

What they are working on in the Uzbek State Institute for the Design and Planning of Heavy Industry. A. Grachev, O. Okhotnikov. *Stroi. i arkh. Uzb.* 7 no. 7: 48 JI '66.

UZBEKISTAN—CONSTRUCTION INDUSTRY—MANAGEMENT

Economize in large as well as in small things. B. Azbel'. *Ekon. i zhizn'* 8 no. 4: 52-56 Ap '66.

UZBEKISTAN—CONSTRUCTION INDUSTRY—SCHEDULING

Network scheduling and economics. I. A. Mordukhovich, M. S. Mogilevskii. *Stroi. i arkh. Uzb.* 7 no. 5: 33-35 My '66.

UZBEKISTAN—COST AND STANDARD OF LIVING

Kudrinkov, V. M. [In the struggle for a further rise in the living standard of workers, 1959-1963] *V bor'bu za dal'neishii pod'om zhiznennogo urovnia trudiashechikh*. 1959-1963 gg. Tashkent, "Uzbekistan," 1965. 124 p. (CS-II)

Welfare of the people is the ultimate aim. *Ekon. i zhizn'* 8 no. 4: 8-11 Ap '66.

UZBEKISTAN—DRAINAGE

Crop yield and land improvement. K. Kostin. *Ekon. i zhizn'* 8 no. 4: 89-91 Ap '66.

UZBEKISTAN—ELECTRIC ENGINEERING

Electric engineering specifications should be of high quality. M. L. Simkin. *Stroi. i arkh. Uzb.* 7 no. 5: 9-11 My '66.

UZBEKISTAN—ELECTRIC LINES—OVERHEAD

Rapid construction of the 110 kv high-voltage line between Bukhara and Gazli. *Energ. stroi.* no. 2: 78-81 '65.

UZBEKISTAN—GAS, NATURAL—GEOLOGY

Tectonics and oil and gas potentials of the northwestern part of the Bukhara-Khiva region. V. S. Shein. *Geol. nefti i gaza* 10 no. 5: 14-17 My '66.

UZBEKISTAN—INDUSTRIAL WASTES

For the agriculture. *Ekon. i zhizn'* 8 no. 4: 76-77 Ap '66.

UZBEKISTAN—MANUFACTURES

First steps. V. Kachanov, A. Shul'man. *Ekon. i zhizn'* 8 no. 4: 44-46 Ap '66.

UZBEKISTAN—MOTION-PICTURE THEATERS

Maintenance of winter motion-picture theaters in the summer. Kh. M. Ubaidullaev. *Stroi. i arkh. Uzb.* 7 no. 5: 26-29 My '66.

UZBEKISTAN—NEMATODE DISEASES OF PLANTS

Nematode fauna of rice in Uzbekistan. V. F. Maslennikova. *Zool. zhur.* 45 no. 5: 641-645 '66.

UZBEKISTAN—OILSEED INDUSTRY—INDUSTRIAL CAPACITY

Increase the capacity of oilseed plants on time. U. Dobrynin. *Ekon. i zhizn'* 8 no. 4: 39-43 Ap '66.

UZBEKISTAN—ORE DEPOSITS

Akademii nauk Uzbekskoi SSR, Tashkent, Institut geologii i geofiziki. [Endogenous ore formations of Uzbekistan] *Endogennye rudnye formatsii Uzbekistana*. Tashkent, Izd-vo "Fan" UzSSR. Vol. 1. [Tungsten, molybdenum, bismuth, copper, lead and zinc, mercury and antimony] *Vol'fram, molibden, vismut, med', svints i tsink, ruti' i sur'ma*. 1966. 368 p.

UZBEKISTAN—PETROLEUM GEOLOGY

Tectonics and oil and gas potentials of the northwestern part of the Bukhara-Khiva region. V. S. Shein. *Geol. nefti i gaza* 10 no. 5: 14-17 My '66.

UZBEKISTAN—QUARTZ

Conditions governing the formation of Paleogene quartz sands in western Uzbekistan. R. A. Khamidov. *Uzb. geol. zhur.* 10 no. 2: 69-74 '66.

UZBEKISTAN—RESTAURANTS, LUNCHROOMS, ETC.

There are no secondary problems here. M. Rasulev, I. Toporovskii. *Ekon. i zhizn'* 8 no. 4: 82-85 Ap '66.

UZBEKISTAN—RETAIL TRADE

First steps. V. Kachanov, A. Shul'man. *Ekon. i zhizn'* 8 no. 4: 44-46 Ap '66.

UZBEKISTAN—RICE—DISEASES AND PESTS

Nematode fauna of rice in Uzbekistan. V. F. Maslennikova. *Zool. zhur.* 45 no. 5: 641-645 '66.

UZBEKISTAN—STATE FARMS—FINANCE

From business accounting to profitability. A. Ibragimov. *Ekon. i zhizn'* 8 no. 4: 74-78 Ap '66.

UZBEKISTAN—THEATER

Who seeks.... I. Mingkova. *Teatr* 25 no. 9: 39-43 S '64.

UZBEKISTAN—VIEWS

The republic of cotton and industry; a photographic journey. *Sov. profsoyuz* 22 no. 9: 24-26 My '66.

UZBEKISTAN—WOMEN AS TRACTOR OPERATORS

Lucky fate. T. Akhunova. *Agitator* no. 3: 24-26 F '64.

UZEN' OIL FIELD—PETROLEUM—ANALYSIS

Crude oils in the Uzen' field. G. F. Trebin, A. V. Savinkhina. *U. V. Kopyrn. Geol. nefti i gaza* 10 no. 5: 24-26 My '66.

VACATIONS, EMPLOYEE

Benefits for those who study while working full-time. V. Kalrakshtis. *Sots. trud.* 11 no. 5: 127-130 '66.

VACCINATION

Compound immunization of guinea pigs with live vaccines against plague, smallpox, yellow fever, and with killed corpuscular cholera vaccine in various combinations. M. I. Litubashevskii, I. F. Taran. *Zhur. mikrobiol., epid. i immun.* 43 no. 4: 17-21 Ap '66.

Experimental evaluation of immunization with aerosols of liquid vaccines. A. I. Danilov, I. I. Tersikh, M. E. Karpova. *Vest. AMN SSSR* 21 no. 5: 74-81 '66.

Immunological reorganization in persons vaccinated opulentaneously with vaccine strains of Brucella abortus No. 19 and 104-M. S. A. Aubakirov and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 4: 22-26 Ap '66.

VACCINATION—COMPLICATIONS AND SEQUELAE

Health state in persons erroneously vaccinated with an increased dose of live brucellosis vaccine from the BA-19 strain. Kh. A. Kasymova, B. R. Uzbekova, Zhur. mikrobiol., epid. i immun. 43 no. 4: 139-140 Ap '66.

VACCINES

Content of nucleic acids in lymphoid tissue following immunization of rabbits with heated typhoid vaccine. L. I. Krasnoproshtina, M. V. Dalin. *Biul. eksp. biol. i med.* 58 no. 9: 92-97 S '64.

Dynamics of the H- and O-agglutinin titers in typhoid fever patients treated with levomyacin and a combination of this antibiotic with a vaccine. P. A. Ailsov, A. P. Kazantsev. *Zhur. mikrobiol., epid. i immun.* 41 no. 8: 36-41 Ag '64.

Field tests on the immunization of swine against paratyphoid fever using live vaccine strain T5-177. F. K. Valeeva. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 4: 31-35 Ap '66.

VACCINIA

Ultrasonic treatment of udder pox in cows. V. A. Akatov, I. G. German, V. A. Parikov. *Veterinaria* 42 no. 4: 89-90 Ap '66.

VACUUM METALLURGY

Deoxidation of iron-chromium melts in vacuum. B. D. Nikolaev and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5: 51-55 '66.

Effect of vacuum treatment on the content of hydrogen and aluminum oxide in aluminum and its alloys. V. A. Danilkin and others. *TSvet. met.* 39 no. 5: 83-85 My '66.

Investigating the deoxidation of iron-carbon alloys during smelting in vacuum induction furnaces. B. D. Nikolaev and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5: 61-65 '66.

VACUUM TECHNOLOGY

Cherepni, N. V. [Vacuum properties of materials for electronic devices] *Vakuumnye svoistva materialov dlia elektronnykh priborov*. Moskva, Sovetskoe radio, 1966. 349 p.

Lebedinskii, M. A. [Electric vacuum materials; metals and alloys] *Elektrovakuumnye materialy; metall i splavy*. Izd. 2., perer. Pod red. N. I. Prokhorova. Moskva, Energiia, 1966. 230 p.

VAGARSHIAN, VAGARSHI

Vagarshian, Gurgen Borian. *Teatr* 25 no. 9: 52-56 S '64.

VAGINA—DISEASES

Infectious vaginitis in cattle. V. V. Sudachenkov. *Veterinaria* 43 no. 5: 76-79 My '66.

VAGUS NERVE

Analysis of some effects of intravenous and intracardiac introduction of a chemical stimulant. L. I. Osadchii, Fiziol. zhur. 50 no. 9: 1136-1143 S '64.

Bile secretion following complete removal of the stomach in esophagoduodenal anastomosis with the preservation of the right vagus nerve. V. I. Tarabin, Klin. khir. 71 no. 7: 26-30 '65.

Data on the mechanism of the development of vagal tonus during ontogenesis. V. D. Rozanova. *Fiziol. zhur.* 50 no. 9: 1096-1103 S '64.

Electrophysiological analysis of the impulse activity of the vagal cardiac branches in viscerocardiac reflexes. G. E. Samonina, M. G. Udel'nov. *Fiziol. zhur.* 50 no. 9: 1089-1095 S '64.

Mechanism of changes in the plethysmographic curve during the depressor response of the blood pressure evoked by stimulating the vagus nerve. E. G. Skripina. *Fiziol. zhur.* 51 no. 2: 204-213 F '65.

Nature of the escape phenomenon of the frog heart. V. S. Eremeev. *Fiziol. zhur.* 52 no. 5: 541-546 My '66.

VAKSLEIGER, GRIGORI ABRAMOVICH, 1894-

Grigori Abramovich Vaksleiger; on his 70th birthday. *Fiziol. zhur.* 50 no. 10: 1303-1304 O '64.

VALAAM ISLAND—BOTANY

Floristic research on Valaam Island. E. G. Pobedimova, V. N. Gladkova. *Sot. zhur.* 51 no. 4: 495-508 Ap '66.

VALENCE (THEORETICAL CHEMISTRY)

Valence state of chromium in active centers on a dehydrogenated aluminum-chromium-potassium catalyst. K. I. Slovetzkaia, A. M. Rubinshtein. *Kin. i kat.* 7 no. 2: 342-344 Mr-Ap '66.

de VALERA, EAMONN, 1882-

People and events: Eamonn de Valera; Lucio Garcia del Solar. *Nov. vrem.* 23 no. 2: 18 Je '66.

VALERIAN—PHYSIOLOGICAL EFFECT

Changes in the blood coagulation process under the effect of valerian. V. N. Mirnov. *Farm. i toks.* 29 no. 2: 187-188 Mr-Ap '66.

VALERIC ACID

Free radical addition of substituted γ -valerolactones to vinyl butyl ether. F. G. Ponomarev, N. I. Kopteva. *Dokl. AN SSSR* 168 no. 3: 592-594 My '66.

VALINE

Valine dehydrogenase activity of pea seedlings. Z.S. Kagan, V.L. Kretovich, V.A. Poljakov. *Biokhimiia* 31 no.2:355-364 Mr-Apr '66.

VALLEYS see subdivision under Far East; Siberia

VALUE—MATHEMATICAL MODELS

Model of a socially necessary labor. V.V. Novozhilov. *Trudy LIEI* no.58:12-26 '66.

VALVES

Design and calculation method for the improvement of self-acting valves. A.I. Borisoglobovskii, R.V. Kuz'min. *Khim. i nef. mashinostr.* no.3:6-10 Mr '66.

Gate valve for gas pipelines. V.A. Kucher. *Energetik* 14 no.5:52 Mr '66.

Modernized PMK-320-6 bypass valve of the column for ammonia synthesis. V.P. Klimov. *Khim. i nef. mashinostr.* no.3:46 Mr '66.

Standardization of regulating injector valves. V.N. Cherniak. *Elek. sta.* 37 no.3:19-21 Mr '66.

Structural and technological specifics of the production of valve billets for modern automobile and tractor engines. I.A. Noritsyn, I.L. Akaro. *Avt.prom.* 32 no.5:33-35 My '66.

Use of valves in water measuring columns with plane housings. K.D. Novikov. *Energetik* 14 no.5:31-32 My '66.

VANADIUM—METALLOGRAPHY

Studying the crystal structure of niobium and vanadium at high temperatures. B.M. Vasilutskii and others. *Fiz. met. i metalloved.* 21 no.4:620-621 Ap '66.

VANADIUM CATALYSTS

Oxidation of concentrated sulfur dioxide in a fluidized bed of a wear-resistant vanadium catalyst. I.P. Mukhlenov, I.U. V. Filatov, E.A. Protopenova, Zhur. prikl. khim. 38 no.5:1649-1652 Ag '66.

Vapor-phase oxidation of partially hydrogenated derivatives of benzene. A.Kh. Sharipov, T.M. Khamanov. *Khim. i kat.* 7 no.2:340-342 Mr-Apr '66.

VANADIUM CHLORIDES

Liquid - vapor equilibrium in the system $VCl_3 - VOCl_3$. A.A. Sytnik, A.A. Furman, A.S. Kullasova, Zhur. neorg. khim. 11 no.5:1004-1008 My '66.

VANADIUM OXIDES

Systems of vanadium pentoxide with potassium and sodium nitrates. M.V. Mukhosoev, S.M. Alekchina, P.I. Fedorov. *Zhur. neorg. khim.* 11 no.5:1206-1209 My '66.

VAPOR-LIQUID EQUILIBRIUM

Liquid - vapor equilibrium in the system $VCl_3 - VOCl_3$. A.A. Sytnik, A.A. Furman, A.S. Kullasova, Zhur. neorg. khim. 11 no.5:1004-1008 My '66.

Liquid-vapor equilibrium in the system ethane-carbon dioxide. N.E. Khazanov, L.S. Lesnevskaya, A.V. Zakharova. *Khim. prom.* 42 no.5:364-365 My '66.

Liquid - vapor equilibrium in the systems formed by trichlorosilane and tetrachlorosilane with some nitriles. I.I. Lapidus, L.A. Nisels'zon, A.A. Karateeva. *Zhur. ob. khim.* 36 no.5:773-776 My '66.

System $H_2SO_4 - H_2CO_3 - H_2O$. V.A. Bardin, K.A. Bol'shaev. *Zhur. neorg. khim.* 11 no.5:1081-1083 My '66.

VAPOR PRESSURE

Influence of vapor on the performance of charging equipment. F.I. Orzhikhovskii. *Metallurg* 11 no.5:11-12 My '66.

Pressure of magnesium vapor over liquid alloys in the system magnesium-lithium. V.P. Mashovets, L.V. Puchkov. *Zhur. prikl. khim.* 38 no.8:1075-1077 Ag '66.

Vapor pressure and dissociation of zinc and cadmium sulfides. R.A. Isakova, V.N. Nesterov. *Zhur. neorg. khim.* 11 no.5:964-970 My '66.

Vapor pressure of metallic antimony and antimony trioxide at high temperatures. F.A. Myzenkov, D.N. Klushin. *Zhur. prikl. khim.* 38 no.8:1709-1716 Ag '66.

VARGIN, VLADIMIR NIKOLAEVICH, 1866-1966

V.N. Vargin, 1866-1966; centennial of his birth. V.N. Prokoshov. *Agrokhimia* no.5:139-145 My '66.

VARIABLE STARS

see Stars, Variable

VARIATION (BIOLOGY)

Correlation between variability and stability in the phenomena of nature. V.S. Lutal. *Filos. probl. such. prirod.* no.2:19-27 '64.

VARNIX

Thrombelastographic examination of patients with varices and thrombophlebitis of the lower extremities. B.G. Dekster. *Vest. khir.* 96 no.4:67-73 Ap '66.

VARNISH AND VARNISHING

Devices for determining the quality of the varnish coating of furniture. V.I.E. Matushyn's'kiy, A.I. Pokotylo. *Lis., pap. i der. prom.* no.2:20 Mr-Apr '66.

Regulating the expenditure of varnishes in flow-coating. B.V. Prokepovich. *Der. prom.* 14 no.3:7-9 Mr '66.

Synthetic materials in ship repair. Sh. Shleimovich. *Rech. transp.* 23 no.2:22-23 F '64.

Varnishes and paints. *Lis., pap. i der. prom.* no.2:13-44 Mr-Apr '66.

VARVARA RESERVOIR—AMPHIPODA

Acclimatization of amphipod crustaceans in Mingechaur and Varvara Reservoirs. A.G. Kasymov. *Ryb. khoz.* 42 no.4:72 '66.

VASOMOTOR NERVOUS SYSTEM

see Nervous system, Vasomotor

VAVILOV, NIKOLAI IVANOVICH, 1887-1942

Theoretical significance of N.I. Vavilov's law of homological series. A.A. Il'in. *Vop. filos.* 20 no.5:85-92 '66.

VAVILOV, SERGEI IVANOVICH, 1891-1961

Science and the art of popularizing. E.S. Likhthenshtein. *Priroda* 55 no.5:64-61 My '66.

VEATCHITE

X-ray investigation of p-veatchite from halogenite rocks. V.V. Kondrat'eva. *Rent. min. syr.* no.4:19-24 '64.

VECTOR ANALYSIS

Resonances in multifrequency oscillations. A.M. Molchanov. *Dokl. AN SSSR* 168 no.2:284-287 My '66.

VECTORCARDIOGRAPHY

Effect of diet and individual test meals on the cardiac activity of patients with coronary atherosclerosis; vectorcardiographic data. V.A. Trangeizer. *Vop. pit.* 23 no.4:30-34 Ji-Ag '64.

Method for the analysis of vectorcardiograms. T.D. Pavlova, V.G. Pavlov. *Kardiologiya* no.5:90-93 '64.

Relationship of the properties of the loops of vectorcardiogram to the leads of ECG forming it. D.F. Presnina. *Pat. fiziol. i eksp. terap.* 10 no.2:88-93 Mr-Apr '66.

Spatial vectorial study of the electrical forces of the heart in mitral stenosis. Z.L. Dolabekina, N.G. Tatianin. *Zhur. eksp. i klin. med.* 6 no.1:28-30 '66.

Vectorcardiographic study of the electrical activity in the cardiac auricle of healthy persons. V.I. Makolkin. *Kardiologiya* 4 no.2:56-61 Mr-Apr '64.

VEGETABLE BREEDING

Inheritance of fasciation phenomena. T. J. Lobedeva. *Uch. zap. TGU* 21:36-40 '64.

VEGETABLE GARDENING

(see also subdivision under Odessa Province)

Aniferov, F.E., and L.A. Ivodii. [Machines and implements for growing vegetable crops] *Mashiny i orud. dlia vozdel'vaniia ovoshchnykh kul'tur.* Leningrad, Kolos, 1966. 214 p.

(DNAI)

Herbicides in vegetable gardening. M. Sevast'yanova. *Zashch. rast.* 11 no.5:31-32 '66.

Shuin, K.A. [Growing vegetables under synthetic films] *Vyrashchivanie ovoshchei pod sinteticheskimi plenkami.* Minsk, Urozhai, 1966. 86 p.

(DNAI)

VEGETABLE GARDENING—EQUIPMENT AND SUPPLIES

Use of radiometric methods in vegetable gardening. A.T. Zaitsev. *Sbor. trud. po agron. fiz.* no.12:134-139 '65.

VEGETABLES

Using the iodometric method in determining the ascorbic acid content of colored vegetable extracts. E.V. Sapozhnikova, S.L. Dorofeeva. *Kons. i ov. prom.* 21 no.5:29-31 My '66.

VEGETABLES—CONTAINERS

There is need for a correct approach. V. Khoetsinn. *Zakup. sel'khoz. prod.* no.4:11 Ap '66.

VEGETABLES—FERTILIZERS AND MANURES see subdivision under White Russia

VEGETABLES—LAW AND LEGISLATION see subdivision under Moldavia

VEGETABLES—TRANSPORTATION

Rumiantsev, I.U.S. [Mixed automotive and water transportation of vegetables] *Smeshannye avtomobil'no-vodnye perevozki ovoshchei.* Moskva, Transport, 1966. 35 p.

VEHICLES

Motion of a two-wheeled vehicle. V.K. Pold. *Vest. LGU* 21 no.7:97-106 '66.

VEHICLES, MILITARY—MAINTENANCE AND REPAIR

Classification of types of repair. V. Lobach and others. *Tekhn. i vooruzh.* no.7:70-73 Ji '65.

On the march. P. Plotnikov. *Tekhn. i vooruzh.* 24 no.1:41-43 Ja '66.

VEHICLES, MILITARY—STEERING GEAR

Steering gear. I. Chalkovskii. *Tekhn. i vooruzh.* 24 no.4:14-18 Ap '66.

VEINS—RADIOGRAPHY

Transsternal phlebography in cancer of the breast. P.N. Sukhovcev. *Vest. khir.* 96 no.4:56-62 Ap '66.

VELIKOVSKAYA, EVGENIYA MARKOVNA, 1905-

Evgeniya Markovna Velikovskaya; sixtieth birthday and 35th anniversary of her research, teaching and social activities. *Vest. Mosk. un. Ser. 4: Geol.* 21 no.2:130-131 Mr-Apr '66.

VENA CAVA

Anatomical and experimental substantiation of the form and parameters of synthetic prostheses for the superior vena cava and its tributaries. S.S. Mikhailov, I.A. Pismenov. *Vest. khir.* 96 no.4:73-82 Ap '66.

VENA CAVA—PUNCTURE

Method of taking blood from the anterior vena cava of swine. G.D. Volkov, N.A. Troitskii. *Trudy Mosk. vet. akad.* 10:305-308 '66.

VENEERS AND VENEERING

Mikhailov, A.N., and A.M. Vorontsov. [Technique and technology of veneering plates] *Tekhnika i tekhnologiya fanerovaniia plastel.* Moskva, Tsentr. nauchno-issl. i in-formatsii i tekhniko-ekon. issledovaniia po lesnoi, tseluluzno-bumazhnoi, derevobrabatovushchei promyshli. i lesnomu khoz., 1965. 65 p. (Derevobrabotka)

Rotary cutter for removing veneer overhangs. G.M. Liala. *Der. prom.* 14 no.3:28 Mr '66.

Semiautomatic line for continuous veneering of panel parts. A.I. Mazurechik. *Lis., pap. i der. prom.* no.2:9-10 Mr-Apr '66.

VENEERS AND VENEERING—EQUIPMENT AND SUPPLIES

Pneumatic jointer with electric contact heating for veneering the edges of panels. M.I. Golubchikov. *Lis., pap. i der. prom.* no.2:23 Mr-Apr '66.

VENOM

Experimental evaluation of combined adreno- and M-cholinolytic therapy in poisonings with venoms of Central Asian scorpions. Z.S. Barlagan. *Pat. fiziol. i eksp. terap.* 10 no.2:66-68 Mr-Apr '66.

VENOM—PHYSIOLOGICAL EFFECT

Effect of the venom of Central Asia snakes on the blood coagulation system. Z.S. Barlagan, I.Sh. Mikhelman. *Probl. gemat. i perel. krovi* 11 no.4:40-53 Ap '66.

VENTILATION

Calculating inlet air stream systems of ventilation combined with hot-air heating. A.A. Nosovitskii. *Izv. vuz. ucheb. zav. i stol. i arkh. it.* 9 no.3:88-95 '66.

VENTILATION—TABLES, CALCULATIONS, ETC.

Kostriukov, V.A. [Examples of the calculation of heating and ventilation] *Primery rascheta po toplotu i ventilatsii.* 2. izd. Moskva, Stroizdat. Pl.2. [Ventilation] *Ventiliatsiia*, 1966. 187 p.

VENTRAL HERNIA

Late results of surgical treatment of extensive ventral hernias. M.P. Postolov, R.M. Nurmagomedov. *Klin. khir.* no.7:54-57 '65.

Plastic support of the tissue of the abdominal wall in surgery for postoperative ventral hernia. N.I.A. Khoroshmanenko. *Klin. khir.* no.7:45-49 '65.

Use of porolon for the plastic repair of defects of the abdominal wall. V.S. Koren'ak. *Klin. khir.* no.7:58-59 '65.

VENUS PROBES

Soviet flag on Venus. O. Lovshina. *V mire knig* 6 no.4:19 Ap '66.

VERDICTS

see subdivision under Lithuania

VERDUN, BATTLE OF, 1916

Verdun. Translated from the French. M. Ferro. *Voen.-ist. zhur.* 8 no.5:124-120 My '66.

VERKHNEBURENSKIY DISTRICT—MOLLUSKS, FOSSIL

Finds of shells of Trigonitoides and Nipponatella in the Cretaceous layers of Verkhneburenskiy District. A.A. Iakushina. *Trudy VSEGEI* 115:198-200 '65.

VERKHNYAYA KUENGA REGION (CHITA PROVINCE)—GEOLOGICAL TIME

Permian age of sediments at Verkhnyaya Kuenga (eastern Transbaikalia). E.M. Andreeva and others. *Sov. geol.* 9 no.5:161-162 My '66.

VERKHNOYANSK RANGE—APATITE

Carbonatite fluorapatites from the deposit of the Argaymakh-Khnykly intrusive. G.K. Krivokoneva. *Rent. min. syr.* no.4:67-74 '64.

VERKHNOYANSK RANGE—BOTANY

Contribution to the flora of Verkhoyansk Range. I. D. Kufushevskii. Rast. Krain. Sev. SSSR i ee osv. no. 6: 109-121 '66.

VERTEBRAE—INNERVATION

Nerves of the cancellous substance of the vertebrae. N. I. But. Orlop. travm. i protez. 25 no. 10:62-64 O '64.

VERTEBRAE, CERVICAL—DISEASES

Relief for vertebral artery compressed by uncovertebral arthrosis. A. I. Osn. Vop. neirokhir. 30 no. 2:6-10 Mr-Apr '66.

VERTEBRAL ARTERY

Carotid-vertebral angiography by the catheterization of the internal thoracic artery. V. M. Ugrumov, A. G. Zhagin, V. I. Gelis. Vop. neirokhir. 30 no. 2:25-27 Mr-Apr '66.

Relief for vertebral artery compressed by uncovertebral arthrosis. A. I. Osn. Vop. neirokhir. 30 no. 2:6-10 Mr-Apr '66.

VERTEBRAL ARTERY—DISEASES

Clinical electroencephalographic examination of patients with various lesions of the vertebrobasilar system. V. A. Chukhrova, N. V. Vereshchagin, V. M. Salazkina. Vest. AMN SSSR 21 no. 5:36-41 '66.

VERTEBRATES see subdivision under Ukraine

VERTEBRATES, FOSSIL see subdivision under Carpathian Mountain region; Podolia

VERTICILLIUM

Physiologically active substances in cotton verticilliosis. K. T. Sukhorukov, V. V. Filippov, N. A. Shadmanova. Dokl. AN SSSR 168 no. 2:470-472 My '66.

VERTINSKII, KAZIMIR IOSIFOVICH, 1904-

Professor Kazimir Iosifovich Vertinskii. D. K. Bol', L. M. Pichugin. Trudy Mosk. vet. akad. 10:311-313 '56.

VESUVIANITE see subdivision under Russia, Northern

VETCH

Content of nitrogenous substances in acid and alkaline extracts of vetch at various phases of growing. T. A. Onitrieva. Trudy VNIIVS 16:335-341 '60.

VETCHLING

Herbicides in chick-pea and vetchling fields. B. Smirnov, N. Germantseva. Zashch. rast. 11 no. 4:50 '66.

VETERINARY ANATOMY

Arterial vessels of the brachial plexus of domestic animals. I. V. Khurasteva. Trudy Mosk. vet. akad. 10:261-270 '56.

Arterial vessels of the parotid gland of farm animals. A. L. Zdanovskaya. Trudy Mosk. vet. akad. 10:243-260 '56.

Ganglia of the solar plexus and their age-related characteristics in omnivorous animals. A. A. Akulinin. Uch. zap. Viteb. vet. inst. 18:328-331 '64.

VETERINARY ANATOMY—STUDY AND TEACHING

Chebotaev, I. T. [Methodology of teaching the anatomy and physiology of farm animals] Metodika prepodavaniya anatomii i fiziologii sel'skokhoziaistvennykh zhivotnykh. Moskva, Kolos, 1966. 286 p. (Uchebnykh i uchebnoye posobie dlia vysshikh sel'skokhoziaistvennykh zavedenii) (DNAL)

VETERINARY HELMINTHOLOGY

(see also subdivision under Bulgaria)

Use of the LSD-3 hydraulic flame projector for disinfecting wooden and brick surfaces, contaminated with parasitic eggs, Strongylus equinus larvae, and swine ascarid eggs. V. D. Babinov, B. A. Nikol'skii. Trudy VNIIVS 16:160-163 '60.

VETERINARY HEMATOLOGY

Change in some hematologic indices as related to the rations and growth of goslings. N. P. Egorov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:35-40 Ap '66.

Determining the functional characteristics of the erythrocytes of farm animals by the method of acid erythrograms. A. P. Gervetovskii. Uch. zap. Viteb. vet. inst. 18:145-162 '64.

Method of taking blood from the anterior vena cava of swine. G. D. Volkov, N. A. Troitskii. Trudy Mosk. vet. akad. 10:305-308 '56.

Problems of a normal myelogram and hemogram of young pigs at the age of two to four months. A. S. Kalinin. Uch. zap. Viteb. vet. inst. 18:153-159 '64.

Some biochemical indices of the blood in newborn calves. P. E. Petrov. Veterinaria 42 no. 4:76-77 Ap '66.

VETERINARY HYGIENE

(see also subdivision under Lithuania)

Current problems of veterinary hygiene. A. A. Pollakov. Vest. sel'khoz. nauki 11 no. 2:143-145 F '66.

Use of aerosols in veterinary disinfection. V. S. Iarnykh. Trudy VNIIVS 16:50-73 '60.

VETERINARY IMMUNOLOGY

Epizootic significance of cows giving positive reactions for brucellosis long after their vaccination. G. G. Cherenin and others. Veterinaria 43 no. 5:20-21 My '66.

Immune milk and prospects for its use. I. I. Arkhangel'skii, M. P. Butko. Veterinaria 43 no. 5:83-86 My '66.

Use of bivalent sera against anaerobic dysentery in lambs and infectious enterotoxemia in sheep. F. I. Kagan, K. R. Urgueev. Veterinaria 42 no. 4:40-41 Ap '66.

VETERINARY INSTRUMENTS AND APPARATUS

Emasculator used in the castration of young pigs. N. I. Nikiforov. Trudy Mosk. vet. akad. 10:156-158 '56.

New method of syringing the uterus. N. P. Kolushov. Veterinaria 42 no. 4:91 Ap '66.

Operation table used in the castration of young pigs. N. I. Nikiforov. Trudy Mosk. vet. akad. 10:159-163 '56.

VETERINARY MATERIA MEDICA AND PHARMACY

Chenopropylactic properties of berenil and azidine used against babesiasis in cattle. N. A. Kolabskii and others. Veterinaria 42 no. 4:47-49 Ap '66.

Use of the stimulant proteinopyrolysin in some surgical processes. M. V. Plakhotin, K. M. Vasil'ev, M. A. Feld'shtein. Trudy Mosk. vet. akad. 10:164-173 '56.

VETERINARY MEDICINE

(see also subdivision under Novosibirsk Province; Ukraine; Volyn' Province)

Ershov, V. S., ed. [Fundamentals of veterinary medicine] Osnovy veterinarii. Izd. 3, 18pr. i dop. Moskva, Kolos, 1966. 414 p. (Uchebnyi i uchebnoye posobie dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DNAL)

Improving veterinary service. S. I. Dzhusupina, N. N. Shabalin. Veterinaria 43 no. 5:4-6 My '66.

Intensify the struggle for the preservation of young livestock. Veterinaria 42 no. 4:1-3 Ap '66.

Let us decrease losses caused by protozoal diseases of farm animals. I. V. Abramov. Veterinaria 42 no. 4:45-47 Ap '66.

Materials for studying the regional mycology and epizootology of dermatomycoses in farm animals. N. A. Spasivtseva. Trudy VNIIVS 16:357-363 '60.

Our achievements in the preservation of livestock. K. A. Belozorov. Veterinaria 43 no. 5:7-9 My '66.

Prophylactic and therapeutic veterinary service and its stages in raising healthy and highly productive herds of animals. I. G. Sharabrin, V. P. Poliakina. Veterinaria 43 no. 5:51-56 My '66.

Prophylaxis and treatment of dyspepsia in young livestock according to materials received at the editorial office. Veterinaria 42 no. 4:68-70 Ap '66.

Tasks of Soviet veterinary medicine. K. I. Skriabin. Vest. sel'khoz. nauki 11 no. 4:12-13 Ap '66.

VETERINARY MEDICINE—STUDY AND TEACHING

(see also subdivision under Kashin, Kalinin Province; Moscow Province; Saratov)

Veterinary correspondence courses. B. N. Fedotov, N. P. Govorov. Veterinaria 42 no. 4:111-113 Ap '66.

VETERINARY MICROBIOLOGY

[Epizootology and basic microbiology] Epizootologiya su mikrobiologijos pagrindais. [By] V. Stulys ir kiti. Vilnius, Mintis, 1966. 255 p. [in Lithuanian]

Role of pathogenic serotypes of Escherichia coli in diseases of young animals. I. P. Lysenko, O. S. Andreeva. Veterinaria 42 no. 4:14-17 Ap '66.

VETERINARY MICROBIOLOGY—RESEARCH see subdivision under Rensselaer Island

VETERINARY OBSTETRICS—SURGERY

Indications for and effectiveness of Cesarean section in cows. V. M. Voskoboinikov. Uch. zap. Viteb. vet. inst. 18:306-310 '64.

VETERINARY PATHOLOGY

Trace reactions of the nervous system. A. N. Golikov. Trudy Mosk. vet. akad. 10:13-19 '56.

VETERINARY PATHOLOGY—BIBLIOGRAPHY see Bibliography—Veterinary pathology

VETERINARY PHYSIOLOGY

Problems of the physiology of farm animals. N. P. Popov. Vest. sel'khoz. nauki 11 no. 4:13-15 Ap '66.

VETERINARY PHYSIOLOGY—STUDY AND TEACHING

Chebotaev, I. T. [Methodology of teaching the anatomy and physiology of farm animals] Metodika prepodavaniya anatomii i fiziologii sel'skokhoziaistvennykh zhivotnykh. Moskva, Kolos, 1966. 286 p. (Uchebnyi i uchebnoye posobie dlia vysshikh sel'skokhoziaistvennykh zavedenii) (DNAL)

VETERINARY SURGERY

Andralis, Antanas. [Veterinary operative surgery] Veterinarine operacine chirurgija. Vilnius, Mintis, 1966. 239 p. [in Lithuanian] (DNAL)

Nature and practical significance of changes in the energetic and dynamic activity of the heart and pulmonary gas exchange in traumatic pericarditis. V. V. Varnikov, N. A. Urzayev, V. P. Paderin. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:46-53 Ap '66.

Simplified method for the fixation of a fracture of the metacarpus in cattle. G. S. Mastysko. Uch. zap. Viteb. vet. inst. 18:311-313 '64.

Use of the stimulant proteinopyrolysin in some surgical processes. M. V. Plakhotin, K. M. Vasil'ev, M. A. Feld'shtein. Trudy Mosk. vet. akad. 10:164-173 '56.

VETLUGA (GORKYI PROVINCE)—WOOD-USING INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Results of a public inspection. Z. G. Asceva. Gidroliz. i lesokhin. prom. 19 no. 4:28-29 '66.

VIBRATION

Approximate method for the synthesis of transmission systems having a given spectrum of natural frequencies. A. V. Dabaghin. Izv. vys. ucheb. zav. i mashinostr. no. 3: 126-129 '66.

Practical method of calculating the damping of the vibrations of reinforced-concrete elements. N. I. Panarin, V. P. Riabinin. Shor. trud. LSI no. 48:66-73 '63.

Self-exciting vibrations in power transmissions caused by the engagement of friction clutches. L. I. Shteinval't. Izv. vys. ucheb. zav. i mashinostr. no. 3:69-74 '66.

Using stage linearization in investigating some phenomena during torsional vibrations of nonlinear systems. N. I. Korolev. Izv. vys. ucheb. zav. i mashinostr. no. 3:110-115 '66.

Vibration dampers in rotary-percussive drilling. V. F. Zankovets, A. M. Ashavskii, V. G. Shebelykin. Trudy MINKHGP no. 60:195-198 '66.

Vibration is not dangerous, if we use... Okhr. truda i sots. strakh. 6 no. 3:23-25 Mr '65.

VIBRATION—PHYSIOLOGICAL EFFECT

Seismocardiography. R. M. Naevskii, A. D. Egorov, L. A. Kazarian. Kardiologia 4 no. 2:87-89 Mr-Apr '64.

Synergistic effect of ionizing radiation and vibration on the animal organism. T. S. Lvovna. Izv. AN SSSR. Ser. biol. no. 3:355-361 My-Je '66.

VIBRATION (MARINE ENGINEERING)

Zviagin, A. D., and V. V. Shabarov. [Testing the strength and vibration of hydrofoil boats] Ispytaniya prochnosti i vibratsii sudov na podvodnykh kryl'akh. Leningrad, Sudostroenie, 1965. 211 p.

VIBRATORS

Prokhorov, E. A. [Electronic adaptation of musical instruments] Adapterizatsiya muzycheskikh instrumentov. 2, izd., perer. i dop. Moskva, Energiya, 1966. 89 p. (Massovaya radiobiblioteka, no. 590)

Stretch forming of sheet metal with vibration. I. N. Sorokin and others. Kuz.-shtam. protzv. 8 no. 4:23-24 Ap '66.

Types of drives securing an asymmetric vibration cycle of a vibratory tray. V. I. Gavriluk. Avtomat. protzv. prots. i mashinostr. i prib. no. 2:62-65 '65.

Use of vibratory working members for the intensification of the dissolving process. P. P. Loboda, Khim. mashinostr. no. 2:110-124 '65.

Vibration cleaning of castings. I. A. Balakin and others. Lit. protzv. no. 4:3-6 Ap '65.

Vibration treatment of pulp for flotation. S. Stoev, G. Zhilov. TSvet. met. 39 no. 5:13-14 My '66.

VIENNA CONGRESS, 1814-1815

Western powers and the German question at the Vienna Congress. L. A. Zak. Nov. i novost. ist. no. 3:95-106 '66.

VIETNAM—MERCURY

Distribution of mercury in various soils of the U. S. S. R. and Vietnam. N. Kh. Aidin'yan, A. I. Troitskii, G. A. Belavskaya. Geokhimiya no. 7:654-659 Ji '64.

VIETNAM, NORTH—FORESTS AND FORESTRY

Lavrov, M. T. [Forests and animal kingdom of the Vietnamese Democratic Republic] Lesa i zhivotnyi mir Demokraticheskoi Respubliki Vietnam. Moskva, Lesnaya promyshlennost', 1965. 131 p.

VIETNAM, NORTH—ZOOLOGY

Lavrov, M. T. [Forests and animal kingdom of the Vietnamese Democratic Republic] Lesa i zhivotnyi mir Demokraticheskoi Respubliki Vietnam. Moskva, Lesnaya promyshlennost', 1965. 131 p.

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN see Vietnamese War

VIETNAM, SOUTH—RADIO, MILITARY

In South Vietnam. V. Antipov. Tekh. i voeruzh. 24 no. 1: 90 Ja '66.

VIETNAMESE WAR

- Business of the aggressors. N. Korlagin. Agitator 34 no. 10:55-56 My '66.
- Crimes of American killers. Sov. voim 47 no. 18:42-43 S '65.
- The second front in South Vietnam. A. Budanov. Nov. vrem. 23 no. 24:18-21 Je '66.
- U.S. 7th Fleet, weapon of aggression in Vietnam. I. P. Vinogradov. Mor. stor. 49 no. 5:81-86 My '66.
- Zelentsov, V. A. [The Vietnamese people will win] Narod V'etnamia pobedit. Moskva, Politizdat, 1966. 61 p.

VIETNAMESE WAR—NAVAL OPERATIONS

- Hunters of the "Iron fish." Nguyen-hoai-An. Sov. voim 48 no. 10:30-37 My '66.

VILDE, EDUARD, 1865-1933

- [Vilde's life and work; a collection of studies on the 100th anniversary of Eduard Vilde's birth] Vaateid Vilde Eluse; lühikirjeldusi Eduard Vilde 100 aasta sünnipaeva puhul. Tallinn, Eesti Raamat, 1965. 303 p. [In Estonian]

VILLAGE COMMUNITIES see subdivision under Java

VILLAGES

(see also subdivision under Japan)

- From the experience of sociological research in villages in the 1920's. IU. V. Arutunian. Vop. ist. KPSS 10 no. 3:62-69 Mr '65.

VILNIUS—CHOIRS (MUSIC)

- [25 years of song; Vilnius State University Academic Choir, honored collective of the Republic] 25 dainos metal: Nuspelnes Respublikos kolektyvas-Vilniaus Valstybinio V. Kapsuko vardo universiteto Akademini choras. Vilnius, Vaga, 1965. 71 p. litus. [In Lithuanian]

VILNIUS—GUIDEBOOKS

- Medonis, Adolfas. [Vilnius tourist guide] Turistui apie Vilniū. Vilnius, Mintis, 1965. 176 p. map (insert) [In Lithuanian]

VILNIUS—STORES, RETAIL—DESIGN AND CONSTRUCTION

- With taste and skill. I. Granovskaja. Sov. tovg. 39 no. 5:52-54 My '66.

VILNIUS—THEATER—MUSEUMS AND COLLECTIONS

- Without a sign. E. R. Teatr 25 no. 9:100 S '64.

VIMBA see subdivision under Tsimlyansk Reservoir

VINNITSA PROVINCE—PHARMACY

- Further improvement of the information work. O. N. Zhuchenko, O. M. Zinov'ev. Farmatsev. zhur. 21 no. 1:81-82 '66.

VINNITSA PROVINCE—SUGAR INDUSTRY

- Our contribution to the technological progress of the sugar industry. M. Karpik. Sakh. prom. 40 no. 5: 19-13 My '66.

VINOKURCV, VLADIMIR ALEKSEEVICH

- Scientist with blue buttonholes. L. Baksaeva. Tekh. i voeruzh. no. 7:8-9 Ji '65.

VINONEN, ROBERT

- "A moment," Robert Vinonen's first book. M. Valnshteln. V mire knig 6 no. 4:31 Ap '66.

VINYL ACETATE

- New plastics based on vinyl acetate. A. Luknitskii. Prom. Arm. 9 no. 2:37-35 F '66.

VINYL ALCOHOL CRYSTALS

- Self-orientation of structural elements in the heat treatment of polyvinyl alcohol fibers. B. M. Ginsburg, A. Ia. Sorokin, S. Ia. Frenkel'. Fiz. tver. tela 8 no. 3:647-650 Mr '66.

VINYL ALCOHOL POLYMERS

- Electron microscope analysis of polyvinyl alcohol fibers. O. I. Nachinkin and others. Khim. volok. no. 3:18-20 '66.

VINYL COMPOUND POLYMERS

- Elastic bandage from polyvinyl alcohol. I. Kh. Gevorgian. Khirurgiia 42 no. 2:72-74 F '66.
- Electron microscope study of supermolecular structures of copolymeric products of vinyl chloride with ethylene and propylene. I. N. Vishnevskaja, K. S. Minaker, V. A. Kargin. Vysokom. soed. 8 no. 5:860-864 My '66.
- Photosensitivity of polyvinylbenzal and its nitro derivatives. A. P. Bellakova and others. Vysokom. soed. 8 no. 5:910-912 My '66.
- Rheological properties of plasticized polyvinyl chloride. V. S. Zakharov, N. S. Semakina, A. A. Konkin. Khim. volok. no. 3:15-17 '66.
- Synthesis and characteristics of graft copolymers of cellulose triacetate and poly-2-methyl-5-vinyl pyridine. R. I. Kovallunas, R. M. Livshits, Z. A. Rogovin. Khim. volok. no. 3:54-57 '66.

Thermal stability of polymers based on vinyl derivatives of silicon. N. S. Nannettin and others. Vysokom. soed. 8 no. 5:888-892 My '66.

Treatment of experimental botulin poisoning with low-molecular polymer blood substitutes. Preliminary report. L. N. Zhuk. Zhur. mikrobiol., epid. i immunit. 41 no. 8:26-29 Ag '64.

Ultraviolet absorbers, light stabilizers and light thermo-stabilizers of polyvinyl chlorides and their copolymers. N. A. Glazunova, I. P. Maslova, V. M. Kochina. Plast. massy no. 5:9-12 '66.

Use of protective covers of polyvinyl chloride for wood-cutting tools. I. M. Reiter, M. P. Fedman. Lis., pap. i der. prom. no. 2:11-12 Mr-Apr '66.

VINYL COMPOUND POLYMERS—DIELECTRIC PROPERTIES

Structure and dielectric properties of divinyl acetal polymers. I. A. Arbuzova and others. Vysokom. soed. 8 no. 5:928-931 My '66.

VINYL COMPOUND POLYMERS—TESTING

Polymeric materials with stresses determined by the optical polarization method. Part 2: Thermomechanical and mechanical properties of the products of polymerization in the ternary system of vinyl monomers. T. V. Shmarovskaja, S. I. Sokolov. Izv. vuz. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:117-120 '66.

VINYL COMPOUND POLYMERS—THERMAL PROPERTIES

Plasticization of polyvinyl chloride by plasticizers of various chemical nature. Part 3: Effect of plasticizers on the thermal stability and thermal degradation of polyvinyl chloride. N. N. Vasil'ev, N. K. Moshchinskaja. Izv. vuz. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:121-125 '66.

VINYL COMPOUNDS

Bulk polymerization of monomers at high degree of conversion. G. P. Gladyshev, S. R. Rafikov. Usp. khim. 35 no. 5:918-937 My '66.

Effect of methylene chloride and vinyl chloride on the synthesis of methylchlorosilanes. N. P. Lobusevich and others. Zhur. prikl. khim. 38 no. 8:1887-1889 Ag '65.

Organosilicon vinyl sulfoxides and vinyl sulfones. M. F. Shostakovskii and others. Zhur. ob. khim. 36 no. 5:904-907 My '65.

Relation between heats of melting of vinyl monomers and their capacity to polymerize in the solid phase. M. A. Bruk, V. I. Lukhovitskii. Vysokom. soed. 8 no. 5: 915-915 My '66.

VIOLIN—METHODS

Pogozheva, T. V. [Problems of methods in violin instruction] Voprosy metodiki obucheniia igre na skripke. Moskva, Izd-vo Muzyka, 1966. 150 p.

VIRGIN TERRITORY—LEGUMES

Material on pulse crop breeding in the Virgin Territory. I. S. Borodkin, A. I. Ivanov. Izv. AN Kazakh. SSR, Ser. biol. nauk 2 no. 4:27-35 Ji-Apr '64.

VIROLOGY

The 100th anniversary of the birth of the founder of virology. D. I. Ivanovskii, A. A. Smorodintsev, K. G. Vasil'ev. TSitologia 6 no. 4:401-404 Ji-Apr '64.

VIRUS DISEASES

Common principles in the classification of clinical forms of influenza and influenza-like virus infections in children. S. D. Nosov. Sov. med. 28 no. 9:42-47 S '64.

VIRUS DISEASES OF ANIMALS

Viruslike particles in the epithelial cells of the small intestine in young pigs with infectious gastroenteritis. V. M. Zhurnitsky, K. N. Iazykova. Veterinaria 42 no. 4:21-23 Ap '66.

VIRUS DISEASES OF INSECTS

Study of serological relationships between polyhedral proteins, viruses and tissues in host insects by the method of diffusion precipitation in agar gel. IU. M. Aleksandrov. Mikrobiol. zhur. 28 no. 2:73-77 '66.

Study of the possibility of activating latent nuclear polyhedrosis viruses in the tissues of insects. V. D. Myoserdova, A. I. Karpov, S. M. Landau. Mikrobiol. zhur. 28 no. 2:67-73 '66.

VIRUS DISEASES OF PLANTS

(see also subdivision under Transcarpathia)

Determining the localization of X-virus antigen in the leaf tissues of potatoes and Datura stramonium by the fluorescent antibody method. I. P. Zhuk, Ia. H. Kishko. Mikrobiol. zhur. 28 no. 2:51-57 '66.

Inclusion method in the diagnosis of virus diseases. M. Goldin. Zashch. rast. 11 no. 5:37 '66.

Resistance of different bean varieties to mosaic virus. P. F. Baranova. Mikrobiol. zhur. 28 no. 2: 57-62 '66.

Use of fluorescence microscopy method in studying phytopathogenic viruses. I. P. Zhuk. Mikrobiol. zhur. 28 no. 3:82-89 '66.

Use of some antibiotics and other antiviral substances in agriculture. A. D. Bobyr. Mikrobiol. zhur. 28 no. 3:73-74 '66.

VIRUS RESEARCH

Ferritin and its use in electron microscopic study of viruses. E. H. Mykhailova, Ia. H. Kishko, M. S. Pavliuk. Mikrobiol. zhur. 28 no. 3:28-32 '66.

VIRUSES

Protein synthesis in cells infected with microviruses. E. M. Zhanitova, V. M. Stakhanova, V. M. Zhdanov. Dokl. AN SSSR 168 no. 1:202-203 My '66.

Viruses in blue-green algae. V. O. Horoshyn, S. M. Chaplynska. Mikrobiol. zhur. 28 no. 2:94-97 '66.

VIRUSES—CULTURES AND CULTURE MEDIA

Reproduction of a vaccine strain of the foot-and-mouth disease virus in different cell cultures. N. G. Oaidze. Veterinaria 43 no. 5:17-18 My '66.

VISCERA—INNERVATION

Evoked potentials in the visceral ganglia of bivalved mollusks in chemical stimulation of the mantle. V. A. Sokolov. Fiziol. zhur. 52 no. 5:436-440 My '66.

VISCOELASTICITY

Method of minor parameter and the theory of viscoelasticity. A. A. Il'ushin, P. M. Ogilalov. Prikl. mekh. 2 no. 5:1-4 '66.

VISCOSE

Colorimetric determination of thiocarbonates in viscose. R. A. Khurgina. Khim. volok. no. 3:44-45 '66.

Comparison of the Szabolcs and hydroxylamine methods for determining small quantities of carbonyl groups in viscose celluloses. N. E. Bikhler, G. L. Akim, V. H. Nikitin. Zhur. prikl. khim. 38 no. 8:1348-1353 Ag '65.

Effect of cellulose concentration on the viscosity of viscose. S. P. Papkov. Khim. volok. no. 3:39-42 '66.

VISCOSIMETER

Viscosimetric installation for investigating flushing and cement slurries. L. N. Shadrin, E. M. Solov'ev. Trudy MINKHGP no. 60:57-61 '66.

VISCOSITY

Birefringence and viscosity of solutions of poly-2-methyl-5-vinylpyridine derivatives. V. N. Tsvetkov and others. Vysokom. soed. 8 no. 5:846-854 My '66.

Characteristics of the viscous behavior of solutions of methyl methacrylate copolymers with 2-methyl-5-vinylpyridine in various media. S. M. Kochergina, V. P. Barabanov, I. G. Fedorova. Vysokom. soed. 8 no. 5: 916-920 My '66.

Determination of the viscosity of spinellite melts at temperatures up to 2500°C. B. V. Ermolova, G. F. Gutsenko, M. M. Mirskan. Zhur. prikl. khim. 38 no. 8:1725-1731 Ag '65.

Dynamic viscosity of dry air. E. A. Taghanly. Izv. AN Azerb. SSR, Ser. geol., geog. nauk no. 6:54-59 '65.

Relationship between molecular weight and viscosity in solutions of 1,3-cyclohexadiene oligomers. B. V. Erofeev, S. F. Naumova, L. G. Tsykalo. Dokl. AN SSSR 168 no. 3:555-557 My '66.

Viscosity of clincker melts at 1300-1700°C. D. A. Vysotskii, IU. M. But, V. V. Timashov. Trudy MKHTI no. 45:30-33 '64.

VISHERA VALLEY (PERM PROVINCE)—PHYSICAL GEOGRAPHY

Physiogeographical regionalization of the Vishera-Chuvsova area of the Ural. B. A. Chazov. Trudy MOIP 18:95-106 '66.

VISHNEVSKII, YSEVOLOD VITAL'EVICH, 1920-1951

Azarov, V. B. [Ysevolod Vital'evich Vishnevskii. [Leningrad] Leningrad, 1966. 392 p.

VISHNEVYYE MOUNTAINS—CARBONATITES

Dolomite carbonates of the complex of ultrabasic and alkalic rocks in the Vishnevyye Mountains. N. V. Sviashin. Izv. AN SSSR, Ser. geol. 31 no. 5:55-72 My '66.

VISHNEVYYE MOUNTAINS—ROCKS, IGNEOUS

Dolomite carbonates of the complex of ultrabasic and alkalic rocks in the Vishnevyye Mountains. N. V. Sviashin. Izv. AN SSSR, Ser. geol. 31 no. 5:55-72 My '66.

VISION

Effect of contrast and angle dimension of an object on the complexity of problems of visual detection and cognition. M. A. Faemark. Svetotekhnika 12 no. 5:15-18 My '66.

State of some visual functions in the climacteric. G. M. Nesrullaeva. Azerb. med. zhur. 42 no. 5:24-28 My '65.

VISITORS, AMERICAN see subdivision under Lithuania

VISUAL PURPLE

Effect of gamma-irradiation on the absorption spectrum of visual purple. N. M. Trunova. Biol. eksp. Biol. i med. 58 no. 9:72-74 S '64.

VITAMIN THERAPY

(see also subdivision under Armenia)

Pathogenetic therapy of some cardiovascular diseases in elderly persons. Ia. IU. Shpirt. Trudy MOIP, Old. biol. 17:151-162 '66.

VITAMIN THERAPY (Continued)

Studies of vascular and tissue permeability and lipid metabolism in vitamin therapy of elderly and senile persons with atherosclerosis of various vascular regions. A. A. Maieranov. *Trudy MOIT*, Otd. biol., 17:189-194 '66.

Use of various vitamin preparations for the treatment of elderly and senile persons engaged in intellectual work. L. N. Iakovleva. *Trudy MOIT*, Otd. biol., 17:163-170 '66.

VITAMINS

New drugs. *Farmatsev. zhur.* 19 no. 2:93-95 '64.

VITAMINS-B

Formation of group B vitamins by *Azotobacter* in a submerged culture. T. M. Kiliushnykova, I. E. I. Kvasnykov. *Mikrobiol. zhur.* 28 no. 2:8-14 '66.

New yeast strains, active biosynthesizers of group B vitamins. D. M. Isakova, I. E. I. Kvasnykov. *Mikrobiol. zhur.* 28 no. 2:3-8 '66.

VITAMINS-B₂ see Riboflavin

VITAMINS-B₁₂ see Cyanocobalamin

VITAMINS-C see Ascorbic acid

VITAMINS-D

Pathogenesis of anemia in vitamin D deficiency in young pigs. P. I. A. Konopel'ko. *Uch. zap. Viteb. vet. inst.* 18:163-176 '64.

VITAMINS-G see Riboflavin

VITEBSK—MACHINE-TOOL INDUSTRY—RELIABILITY
Complex solution of the problems of reliability and durability. P. G. Solko, A. S. Lamer. *Prom. Bel.* 9 no. 1:23-26 Jan '66.

VITEBSK PROVINCE—GRAIN

Grain as the basis of the economy. L. A. Saulich. *Zemle-delie* 28 no. 4:54-57 Apr '66.

VITEBSK PROVINCE—GRASSES—FERTILIZERS AND MANURES

Effect of the amounts of nitrogen, potassium, and phosphorus on the yield and feed value of hay in normal dry valleys of Vitebsk Province. M. E. Baranova. *Uch. zap. Viteb. vet. inst.* 18:97-107 '64.

VITEBSK PROVINCE—LIBRARY EXHIBITS

We tell our young people about the heroic deeds of their fathers. B. Petrovskii. *Bibliotekar'* 43 no. 5:22-23 May '66.

VITICULTURE

(see also subdivision under Moldavia)

Significance of radiation heating of the active surface in cultivating grapes. A. M. Kirakosian. *Meteor. i gidrol.* no. 5:46-48 May '66.

VITICULTURE—CONGRESSES

Nauchno-metodicheskoe soveshchaniye po kul'ture stolovogo vinograda, Tashkent, 1965. [Problems of the development of table-grape culture; materials] *Voprosy razvitiya stolovogo vinogradstva; materialy.* Tashkent, Uzbekistan, 1964. 317 p.
(CU)

VITREOUS STATE

Determining the conditions necessary for the vitrification of plant cells. I. I. Tumanov, O. A. Krasavtsev. *Fiziol. rast.* 13 no. 1:144-152 Jan-F '66.
Heat capacity of boric anhydride and sodium borate glasses at low temperatures. V. A. Turdakina, V. V. Tarnanov. *Zhur. neorg. khim.* 11 no. 4:931-933 Apr '66.

VITRINITE see subdivision under Donets Basin

VIZIR, PETR EVTIKHIEVICH, 1890-

Petr Evtkhievich Vizir; on his 70th birthday. *Mikrobiol. zhur.* 28 no. 2:101-102 '66.

VLADIMIR GOVERNMENT—TEXTILE INDUSTRY—GOVERNMENT OWNERSHIP

People's property. I. Lapalo. *Sov. profsoyuzy* 22 no. 2:25 May '66.

VLADIMIR PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We try to improve the content and forms of party work. M. Ponomarev. *Part. zhizn'* no. 12:8-14 Jan '66.

VOCATIONAL EDUCATION

(see also subdivision under Leningrad; Mongolia)

Gozova, A. P. [Vocational and manual training of deaf school children] *Professional'no-trudovoe obucheniye glukikh shkol'nikov.* Moskva, Prosveshchenie, 1966. 130 p.

Mirskii, S. L. [Characteristics of vocational training in schools for backward children; a manual for the teachers of schools for backward children] *Osobennosti professional'nogo obucheniya vo vspomogatel'noi shkole; posobie dlia uchitel'ov vspomogatel'nykh shkol.* Moskva, Prosveshchenie, 1966. 101 p.

VOCATIONAL GUIDANCE see subdivision under Penza Province

VOLCANIC ASH, TUFF, ETC. see subdivision under Argun Valley; Armenia; Semiz-Bugu region (Kazakhstan); Urup Island

VOLCANOES see subdivision under Soviet Far East; Tarbagatay Range; Terter Valley

VOLGA-BALTIC SEA WATERWAY—SHIPPING

Organization of transit shipments by the steamship lines of the central and northwestern basins. K. Garinov, A. Vakhurov. *Rech. transp.* 23 no. 2:4-6 Feb '64.

VOLGA DELTA—FISHES

Koblit'skaya, A. F. [Guide to young fishes of the Volga Delta] *Opredelitel' molodi ryb del'ty Volgi.* Moskva, Nauka, 1966. 165 p.

VOLGA ECONOMIC REGION

Saratov. *Ekonomicheskii institut.* [Collection of articles by young scientific workers] *Sbornik statei molodykh nauchnykh rabotnikov.* Saratov, Kommunist, 1964. 187 p.
(CS-I)

VOLGA HYDROELECTRIC POWER STATION (LENIN)—ELECTRIC SUBSTATIONS

Organization of the construction work and the erecting of the 500 kv "Pakhra" substation. *Energ. stroit.* no. 3:82-86 '65.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)

Installation of the experimental unit of the Volga Hydroelectric Power Station (22d Congress of the CPSU). B. K. Andrienko, M. I. Gal'perin, A. G. Rudnik. *Energ. stroit.* no. 40:46-53 '64.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—ELECTRIC SUBSTATIONS

Organization of the construction work and the erecting of the 500 kv "Pakhra" substation. *Energ. stroit.* no. 3:82-86 '65.

VOLGA RIVER—FISHES

Productivity of some commercial fishes in the regulated Volga River. M. S. Khranushina. *Ryb. khoz.* 42 no. 4:18-19 '66.

VOLGA RIVER—MERCHANT SHIPS—PASSENGER TRAFFIC

Some problems in the development of high-speed transportation. K. Korotkov. *Rech. transp.* 25 no. 4:10-11 '66.

VOLGA RIVER—MOTOR SHIPS—ACCIDENTS

There are no trifles in the fleet. V. Kuz'min. *Rech. transp.* 25 no. 4:52 '66.

VOLGA RIVER—PHYTOPLANKTON

Basic characteristics of the development of Volga phytoplankton after the construction of Gorkiy and Kuyshev Dams. A. D. Primachenko. *Gidrobiol. zhur.* 2 no. 2:17-25 '66.

VOLGA RIVER—WATER—COMPOSITION

Feedwater quality of marine steam boilers. P. Sobolev, E. Maksimova. *Rech. transp.* 23 no. 2:26-27 Feb '64.

VOLGA VALLEY—ALFALFA—IRRIGATION

Alfalfa under basin snow water and saturation irrigation in the Volga Valley. A. A. Chernykh. *Vest. sel'khoz. nauk* 11 no. 4:57-60 Apr '66.

VOLGA VALLEY—ANTIQUITIES

Archaeological monuments of the Lyslovo cultural type in the Volga-Oka interfluvium. V. P. Tret'yakov. *Krat. soob. Inst. arkheol.* no. 106:11-16 '66.

VOLGA VALLEY—ECONOMIC CONDITIONS

Glushkov, A. A. [Lenin's plan for the approach to socialist construction and the struggle of the party for its realization] *Leninskii plan pristupa k sotsialisticheskomu stroitel'stvu i bor'ba partii za ego osushchestvleniye.* [Saratov] *Izd-vo Saratovskogo univ.*, 1964. 85 p.
(CS-I)

VOLGA VALLEY—GEOLOGY—MAPS

Electric prospecting and geological mapping in the upper Volga and Meta Valleys. L. N. Shtern. *Trudy Leningradskoi gos. univ.* 2:140-149 '65.

VOLGA VALLEY—GEOLOGY, STRUCTURAL

One of the causes of the formation of hidden local uplifts in platform areas. E. V. Kuchoruk. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 2:102-108 Mar-Apr '66.

VOLGA VALLEY—GRAIN—DISEASES AND PESTS

Agricultural machinery in grain protection. K. Grivanov, Z. Mikhail'skaya. *Zashch. rast.* 11 no. 5:27-28 '66.

VOLGA VALLEY—HISTORY

About one unknown Persian work on the history of the peoples in the Volga region. M. A. Salakhmetdinova. *Strany i nar. Vost.* no. 4:147-154 '65.

VOLGA VALLEY—MAN, PREHISTORIC

The catacomb-type burial of a founder in the lower Volga Valley. V. P. Shtolov. *Krat. soob. Inst. arkheol.* no. 106:88-91 '66.

VOLGA VALLEY—SOILS—MAPS

Kazan. *Universitet.* [Problems of the genesis and large-scale mapping of soils] *Voprosy genezisa i krupnomasshtabnogo kartirovaniya pochv.* [Kazan'] 1965. 144 p.

VOLGA VALLEY—UKRAINIANS

Ukrainian ocean drivers in the Volga Valley. V. IU. Chubenko. *Ukr. ist. zhur.* 10 no. 5:61-64 May '66.

VOLGA VALLEY—WATER, UNDERGROUND—MICROBIOLOGY

Microflora of underground waters of the lower Volga Valley and possibilities for its use in petroleum prospecting. A. S. Zinger. *Mikrobiologiya* 35 no. 2:357-364 Mar-Apr '66.

VOLGA VALLEY—WHEAT

Crops preceding spring wheat in the Chestnut soil zone of the lower Volga Valley. E. P. Anikeev. *Vest. sel'khoz. nauk* 11 no. 4:104-105 Apr '66.

VOLGOGRAD—COLD STORAGE WAREHOUSES

Nine months earlier than scheduled. V. Kogotkov. *Na stroit. Ros.* 7 no. 4:10 Apr '66.

VOLGOGRAD—CRANES, DERRICKS, ETC.—COLD WEATHER OPERATION

Technical operation of cranes in winter. K. Emel'yanov. *Rech. transp.* 23 no. 2:18 Feb '64.

VOLGOGRAD—MILITARY EDUCATION

Military and patriotic education of our youth. A. Prokof'ev. *Part. zhizn'* no. 12:53-59 Jan '66.

VOLGOGRAD—STEEL INDUSTRY—FINANCE

Profitable to the worker, profitable to the enterprise, profitable to the state. A. Karpov, V. Shtnikov. *Sots. trud.* 11 no. 5:9-15 '66.

VOLGOGRAD PROVINCE—AGRICULTURAL WORKERS

Fellow countrymen. O. Gladkovskii. *Sov. profsoyuzy* 22 no. 9:22-23 May '66.

VOLGOGRAD PROVINCE—IRON ORES

Iron potential of Lower Cretaceous sediments in the Hovlya-Medveditsa interfluvium (Volgograd Province). V. A. Efanova, K. Kh. Zelenishchikova. *Sov. geol.* 9 no. 4:149-155 Apr '66.

VOLHYNIA—PEASANTRY

Situation of Volhynian peasants on the eve of the October Revolution of 1917. P. P. Moskvina. *Ukr. ist. zhur.* 10 no. 5:105-110 May '66.

VOLKOVA OL'GA IULIANOVNA, 1895-1964

In memory of O. IU. Volkova. *Vop. kur. i izdat. i lech. fiz. kul't.* 29 no. 5:478 S-O '64.

VOLOGDA—AERONAUTICS, COMMERCIAL

Off the main roads. Tamara Spivak. *Grazhd. av.* 23 no. 6:19 Jan '66.

VOLOGDA PROVINCE—COMMUNIST YOUTH LEAGUE

Vaganov, D. I. [At the sources] *U istokov.* [Vologda] *Severo-Zapadnoe knizhnoe izd-vo*, 1965. 101 p.
(CS-I)

VOLOGDA PROVINCE—FARM LIFE

Sushinov, A. I. [Village windows] *Derevenskie okna.* [Vologda] *Severo-Zapadnoe knizhnoe izd-vo*, 1966. 103 p.

VOLOGDA PROVINCE—RURAL LIBRARIES

Here they give advice to specialists. N. Popova. *Bibliotekar'* 43 no. 5:10 May '66.

VOLONGA RIVER—SALMON FISHERIES

Intensive salmon fisheries in the Volonga River. L. A. Danilenko. *Ryb. khoz.* 42 no. 3:50-51 '66.

VOL'SKII, ANTON NIKOLAEVICH, 1897-1966

Anton Nikolaevich Vol'skii; an obituary. S. M. Anisimov and others. *Izv. vys. ucheb. zav. i tsvet. met.* 9 no. 2:184-185 '66.

VOLTMETER

Improved circuit for the measurement of high voltage in the RUP-200-20-S. A. A. Gol'drin. *Defektoskopiya* 2 no. 2:93-94 '66.

VOLUMETRIC ANALYSIS see Titration

VOLYN'-PODOLIAN UPLAND—GEOLOGY, STRATIGRAPHIC—CONGRESSES

Conference on More Precise Stratigraphy of the Upper Pre-Cambrian and Paleozoic Sediments of the Volyn'-Podolian Region. Geol. zhur. 24 no. 6:104-106 '64.

VOLYN' PROVINCE—AGRICULTURE—HYGIENIC ASPECTS

On the "Komsomlets" collective farm. V. Gerasimchuk. Ochr. truda i sots. strakh. 8 no. 3:16-17 Mr '65.

VOLYN' PROVINCE—VETERINARY MEDICINE

How we struggle for the preservation of animals. S. I. Kosover, V. A. Pavliuk. Veterinaria 42 no. 4:4-5 Ap '65.

VOLZHSKIY (VOLGOGRAD PROVINCE)—MECHANICS (PERSONS)

Man of duty. V. V. Luchinov. Agitator no. 3:36-37 F '64.

VOROBKEVICH, SYDOR IVANOVICH, 1836-1903

A national bard of Bukovina; on the 130th anniversary of S. I. Vorobkevich's birth. I. P. Serebriuk. Ukr. ist. zhur. 10 no. 5:136-137 My '66.

VORONEZH—BOTANICAL SOCIETIES

Activities of the Voronezh Section of the All-Union Botanical Society. L. I. Kozhevnikova. Bot. zhur. 51 no. 4:62-63 Ap '66.

VORONEZH—INSURANCE, SOCIAL—EMPLOYEES

Her whole life is dedicated to people. N. Veselova. Sots. obozr. 41 no. 5:40-42 My '66.

VORONEZH PRESERVE—SPIDERS

New spider species of the U.S.S.R. V. E. Pichka. Zool. zhur. 45 no. 5:773-774 '66.

VORONEZH PROVINCE—BARLEY—DISINFECTION

Early disinfection of barley. N. Krutova, T. Budiak. Zashch. rast. 11 no. 1:22 '66.

VORONEZH PROVINCE—BIOGRAPHY

Glin'ko, A. I., and G. F. Ulaev. [Heroes of the land of Voronezh] Bogatiri zemli Voronezhskoi. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 606 p. (CSU-H)

VORONEZH PROVINCE—CITIES AND TOWNS—BIBLIOGRAPHY

Voronezh (Province) Publichnaia biblioteka. [Cities of Voronezh Province; index of literature] Goroda Voronezhskoi oblasti; ukazatel' literatury. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 46 p. (K 50-letiiu Sovetskoi vlasti)

VORONEZH PROVINCE—NEMATODA

New mermithid Hexameris antichuchovskii sp. n. (Mermithidae, Nematodes). N. A. Kharchenko. Zool. zhur. 45 no. 4:494-499 '66.

VORONEZH PROVINCE—RURAL CONSTRUCTION—FINANCE

Progressive form of settling accounts. L. Gridnev. Sel. stroit. 18 no. 4:22-23 Ap '64.

VORONIKHIN, ANDREI NIKIFOROVICH, 1750-1814

Konichev, K. I. [Tale about Voronikhin] Povest' o Voronikhine. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 221 p.

VORONOVICH, VASILII

Skill and courage. E. B. Sorkin. Vest. protivovozd. obor. no. 5:91 My '66.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VOYAGES AND TRAVELS

Kovanov, V. V. [Meridians, events, and encounters; notes and reflections of a Soviet physician] Meridiany, sobytia, vstrechi; zametki i razmysleniia sovetskogo vracha. Moskva, Politizdat, 1966. 236 p.

VSEVOLOZHSK (LENINGRAD PROVINCE)—HISTORY

Zelenin, G. I., and A. F. Fedorov. [Vsevolozhsk; from the history of the city] Vsevolozhsk; iz istorii goroda. [Leningrad] Lenizdat, 1966. 75 p.

VULCANIZATION

Economic efficiency of applying the induction heating method of press mold vulcanization by means of a rotating magnetic field. N. N. Zaitvin. Kauch. i rez. 25 no. 5:49-50 '66.

Use of some metallic oxides as vulcanization activators of compounds based on synthetic butadiene rubber. F. F. Koshchev, L. P. Fedukina. Kauch. i rez. 25 no. 5:19-22 '66.

Vulcanization of butadiene-nitrile rubber with hydrogen sulfide in the presence of di-tert-butyl peroxide introduced on zeolites. O. F. Nornikov, H. A. Blukh. Dop. AN URSR no. 4:483-487 '66.

Vulcanization of 2-methyl-5-vinyl pyridine and butadiene copolymers with epoxy resins. L. V. Makarova, N. D. Zakharov. Kauch. i rez. 25 no. 5:11-17 '66.

VUL'FSON, KONSTANTIN SEMENOVICH, 1906-

K. S. Vul'fson on his 60th birthday. P. A. Butaeva and others. Svetotekhnika 12 no. 5:26 My '66.

VYATKA GOVERNMENT—HISTORY

[Outline history of the Kirov Organization of the CPSU] Ocherki istorii Kirovskoi organizatsii KPSS. [Kirov] Volgo-Viatское knizhnoe izd-vo. Pt. 1. 1898-1918. 1965. 507 p.

VYAZ'MA (SMOLENSK PROVINCE)—LIBRARIES AND READERS

Our readers are the workers of local enterprises. A. Kapishnikova. Bibliotekar' 43 no. 5:18-19 My '66.

VYSHNIA, OSTAP, pseud.

Duz', Ivan. [Ostap Vyshnia; life and works] Ostap Vyshnia; zhittia i tvorchist'. [Kyiv] Vyd-vo Kyivs'koho univ., 1965. 249 p. (NCU)

VYSHNIY VOLOCHOK (KALININ PROVINCE)—WOMEN IN THE TEXTILE INDUSTRY

Work is the source of happiness. V. Gaganova. Agitator no. 3:21-23 F '64.

WAGES

Procedures for paying wages for holidays and free days. M. Anvelian. Prom. Arin. 9 no. 2:70-72 F '66.

WAGES—COLLECTIVE FARMS

Guaranteed monetary remuneration of collective farmers. Part. zhizn' no. 11:26-27 Je '66.

WAGES—CONSTRUCTION INDUSTRY

(see also subdivision under Leningrad)
Economic effectiveness of the piecework system of wages in construction. I. I. Risenberg. Stroit. i arkh. Uzb. 7 no. 3:32-34 Mr '66.

WAGES—FURNITURE INDUSTRY see subdivision under Ukraine

WAGES—GEOLOGICAL RESEARCH

Shortcomings in the planning of wages in geological research. S. K. Kiklin. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:36-48 '66.

WAGES—LUMBERING

Moskalenko, A. A. [Organization of labor and wages in integrated brigades in lumbering] Organizatsiia truda i zarabotnoi platy v kompleksnykh brigadakh na lesozagotovkakh. Moskva, Lesnaya promyshlennost', 1966. 71 p.

WAGES—MACHINERY INDUSTRY

Pashkevich, B. V., and F. I. Gilit'skii. [Material incentives for labor productivity in industry] Material'noe stimulirovanie proizvoditel'nosti truda v promyshlennosti. Minsk, Belarus', 1966. 172 p.

WAGES—NONFERROUS METAL INDUSTRIES

Drize, I. D. [How wages are organized in nonferrous metallurgy] Kak organizovana zarabotnaya plata v tsvetnoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po Chernoi i tsvetnoi metallurgii, 1963. 63 p. (Natsionalna ekonomicheskaya shkola) (WU)

WAGES—OIL INDUSTRIES

Application of the piecework wage system in factories during the overhauling period. I. S. Romanenko, A. M. Rikina. Masl. -zhir. prom. 32 no. 4:38-37 Ap '66.

WAGES—PRODUCE TRADE

Rates for the purchasing agents. Zakup. sel'khoz. prod. no. 4:37 Ap '66.

WAGES—RETAIL TRADE

Wages for individual categories of trade workers. Sov. torg. 39 no. 5:47-48 My '66.

WALL NEWSPAPERS see subdivision under Sukhum

WALLS

Calculating the intensity of the total solar radiation for variously oriented walls of buildings. V. N. Kuprilyanov, I. I. Blinov. Izv. vys. ucheb. zav. ; stroit. i arkh. 9 no. 3:127-133 '66.

Construction of a design model representing the bending of a longitudinal wall of a large-panel building of a rigid structural scheme. B. S. Zharmaganbetov, A. T. Aubakirov. Vest. AN Kazakh. SSR 22 no. 4:35-46 Ap '66.

Practices in the use of enclosing elements of aluminum and plastic materials. S. S. Karmilov. Prom. stroit. 43 no. 5:33-37 '66.

WAR—ECONOMIC ASPECTS

War economic analysis, its problems and basic principles. O. A. Vestman, I. N. Shvarev. Mor. sbor. 49 no. 5:24-33 My '66.

WARBLE FLIES

Estimation of the work and records on hypodermosis; published as a topic for discussion. M. Pishchulevich. Veterinaria 42 no. 4:51-52 Ap '66.

WARBLE FLIES—EXTERMINATION

Susceptibility of cattle to warble flies. G. I. Kuncel'skin. Vest. sel'khoz. nauki [Kuzakh.] 9 no. 4:41-46 Ap '66.

WARSAW—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

New experimental building in Warsaw. V. E. IAsievich. Stroit. i arkh. [Shoruk] no. 4:132-137 '66.

WARSAW PACT, 1955

The Warsaw Pact. M. Podkluchnikov. Agitator 34 no. 11:57-58 Je '66.

WARSHIPS see subdivision under Leningrad

WASTE PRODUCTS

Action of defecates in sugar beet crop rotation. A. I. Chernetskii. Vliian. dlin. pr. in. udob. na plod. poch. i prod. sevoobor. no. 2:170-201 '64.

Production of fibrous rubber compound fillers from the wastes of rubberized cord. G. K. Demidov, N. I. Sergeev. Kauch. i rez. 25 no. 5:44-46 '66.

WATER—ANALYSIS

Determination of residual concentration of 3-(p-chlorophenyl)-1,1-dimethylurea in the bodies of water following their treatment with monuron. A. D. Kosenko, Zh. I. Iarysh. Gidrobiol. zhur. 2 no. 2:65-67 '66.

Devices for taking samples of various water levels from wells. A. E. Afanasiev and others. Pochvovedenie no. 3:96-99 My '66.

WATER—COMPOSITION see subdivision under Volga River

WATER—MICROBIOLOGY

New scheme of examining water for bacteria of the Escherichia coli group. A. I. A. Zvenigorodskaya. Lab. delo no. 4:234-236 '66.

Water hyphomycetes of the southern part of Kiev Polesye. I. A. Dadka. Bot. zhur. 51 no. 4:562-567 Ap '66.

WATER—OPTICAL PROPERTIES

Optical and structural properties of water as influenced by electric field frequency. I. N. Plakshin and others. Dokl. AN SSSR 160 no. 1:152-153 My '66.

WATER—OXYGEN CONTENT see subdivision under Atlantic Ocean

WATER—POLLUTION

(see also subdivision under Dnieper River)

Experience in the comparative evaluation of the methods for determining the immuno-biological reactions of an organism in the hygienic standardization of poisonous substances in the water of reservoirs. S. N. Cherkashin, E. V. Faidyash. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:269-279 '65.

Experimental analysis of permissible limit concentrations of anisole in the water of reservoirs. S. I. A. Naikhtsin, F. G. Dlatlovskaya, Z. V. Liovskaia. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:143-151 '65.

Experimental analysis of permissible limit concentrations of ethyl mercury chloride and diethyl mercury in the water of reservoirs. S. D. Zamyatova and others. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:113-123 '65.

Experimental analysis of permissible limit concentrations of furan and thiophene in the water of reservoirs. V. I. Rubets. Sanokhr. vod. ot zagr. prom. i stekh. vod. no. 7:219-231 '65.

Experimental analysis of the permissible limit concentration of butyl xanthogenate and cresyl dithiophosphate in the water of reservoirs. I. U. T. Loshakov. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:160-177 '65.

Experimental analysis of the permissible limit concentration of dichloromethane in the water of reservoirs. V. N. Tugarinova and others. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:41-55 '65.

Experimental analysis of the permissible limit concentration of diisopropylamine in the water of reservoirs. A. N. Gabrilovskaya, V. P. Laskina, E. V. Faidyash. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:120-142 '65.

Experimental analysis of the permissible limit concentration of dimethylphenylcarbinol in the water of reservoirs. R. D. Smirnova, N. V. Klimkina. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:206-218 '65.

Experimental analysis of the permissible limit concentrations of ethylene, propylene, butylene and isobutylene in the water of reservoirs. G. F. Amirkhanova, Z. V. Latypova, R. B. Tupeeva. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:28-40 '66.

Experimental analysis of the permissible limit concentration of heptyl and nonyl alcohol in the water of reservoirs. K. G. Meleshchenko and others. San. okhr. vod. ot zagr. prom. i stekh. vod. no. 7:152-164 '65.

TER—POLLUTION (Continued)

perimental analysis of the permissible limit concentration of hexamethylenediamine in the water of reservoirs. E.S. Bruk, N.V. Klimkina, P.V. Panov. San. zh. vol. ot zagr. prom. stoch. vol. no. 7:69-83 '65.

perimental analysis of the permissible limit concentration of hexa-salt in the water of reservoirs. E.S. Bruk, N.V. Klimkina, V.A. Savolova. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:56-68 '65.

perimental analysis of the permissible limit concentration of hydroquinone in the water of reservoirs. E.A. Lezhnev. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:194-205 '65.

perimental analysis of the permissible limit concentration of monothylamine in the water of reservoirs. L.N. Ibrilevskaya, V.P. Laskina. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:99-112 '65.

perimental analysis of the permissible limit concentration of OPS-M and OPS-B flotation agents in the water of reservoirs. S.M. Pavlenko, V.A. Savolova. San. zh. vol. ot zagr. prom. stoch. vol. no. 7:178-193 '65.

perimental analysis of the permissible limit concentration of phosphoramide in the water of reservoirs. K.I. Kulov, V.T. Muzayev. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:84-98 '65.

nctional experiments in the sanitary and toxicological research on hygienic standardization. S.N. Cherkinskii, N. Tugirinov, V.E. Miklashevskii. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:280-289 '65.

gienic standards in concurrent pollution of reservoirs with mercury and lead. S.A. Fridland. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:232-246 '65.

st of permissible limit concentrations of substances used on materials published in the "Hygiene and Sanitation" journal and recommended for approval to the Ministry of Health of the U.S.S.R. by the Special Research Commission. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:290 '65.

thological instructions for set up and result evaluation of acute experiments and their analysis. G.V. Rasovskii. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:247-268 '65.

arter of a century in the hygienic standardization of the sanitary protection of reservoirs. S.N. Cherkinskii. San. okhr. vol. ot zagr. prom. stoch. vol. no. 7:5-27 '65.

ATER—PURIFICATION

(see also subdivision under Armenia; Moskva River)

use of nitric acid. I.U. M. [Siph device for the removal of petroleum products from bilge and ballast waters] Sudovye ustroystva oshchitki trumno-ballastnykh vod i naitoprotoklov. [Leningrad] Sudostroenie, 1966. 301 p.

inite method for obtaining desalted pyrogenic water from tap water. I.E. Shumilin, V.I. Bochkareva. Probl. gemat. i porol. krovi 11 no. 1:54-57 Ja '66.

ATER, EFFECT OF RADIATION ON

phla and beta-radiolysis of aqueous solutions of light and heavy water. M.V. Vladimirova, I.A. Kulikov, L.G. Shulatikova. Radiokhimiya 8 no. 2:226-232 '66.

ATER, UNDERGROUND

(see also subdivision under Fergana Province; Shirvan Steppe; Ukraine; Ural Mountains)

alytic method for the determination of some parameters of the turbulent-laminar movement of underground waters. B.V. Irmiazov. Uzb. geol. zhur. 10 no. 2:10-19 '66.

omparison of the economic efficiency of variations in the development of underground industrial water deposits. V.M. Kononov. Izv. vys. ucheb. zav. i razv. 9 no. 5:109-112 My '66.

onstruction of an indicator diagram based on the study of the data of deep gushing boreholes. V.O. Volnisho. Uzb. geol. zhur. 10 no. 2:20-22 '66.

ffect of the quantity and quality of connate water on the oil recovery and relative penetrability of reservoirs. A.A. Abdullaeva, N.D. Tahrov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 4:90-98 '65.

lastic axisymmetric flow conditions at a given pressure in the well. A.IU. Vasilenko. Prikl. mekh. 2 no. 5: 115-124 '66.

aleohydrogeology and its significance in the solution of problems of prospecting for mineral deposits. A.M. Ovchinnikov. Sov. geol. 9 no. 4:35-40 Ap '66.

actice in evaluating the drainage effect of discharge sources on the deep zones of water drive systems. V.N. Vasil'eva. Izv. vys. ucheb. zav. i razv. 9 no. 3:104-111 Mr '66.

ate of water exchange in open artesian basins; as revealed by a study made in the Moscow artesian basin. F.M. Bochever, I.V. Kovaleva. Dokl. AN SSSR 168 no. 3: 661-664 My '66.

ase of the method of undistorted flow line in planning the drainage of quarries. V.A. Mironenko, I.U. A. Norvatov. Izv. vys. ucheb. zav. i razv. 9 no. 3:112-118 Mr '66.

ortman, Z.M. [Practices in rotary percussion drilling for water] Praktika udarno-kanatnogo bureniya na vodu. Moskva, Nedra, 1966. 238 p.

WATER, UNDERGROUND—COMPOSITION

(see also subdivision under Kamchatka; Maritime Territory)

Chemical composition of the interstitial waters of sea ooze. A.S. Marchenko. Sov. geol. 9 no. 4:155-156 Ap '66.

WATER, UNDERGROUND—MAPS

On one method of prognostic mapping of the exploitable resources of underground waters. L.IA. Tenenbaum. Izv. AN Kazakh. SSR, Ser. geol. 23 no. 1:43-51 Ja-F '66.

WATER, UNDERGROUND—MICROBIOLOGY see subdivision under Volga Valley

WATER, UNDERGROUND—TERMINOLOGY

Unestablished hydrogeological terminology. M.A. Vektorovskaya. Izv. vys. ucheb. zav. i razv. 9 no. 3:129-133 Mr '66.

WATER COLORS

Leningrad. Ermitazh. [State Hermitage; drawings, watercolors] Gosudarstvennyi Ermitazh; risunki, akvarelli. [Avtor-sost. M.V. Dobrokonskii] Moskva, Sovetskii khudozhnik [1965] 1 v. (chiefly illus.) [In Russian and English] (Khudozhestvennyy sokrovishcha SSSR)

WATER FLEAS

(see also subdivision under Black Sea)

Consumption and utilization of food by Daphnia pulex (De Geer). G.A. Pechen', A.P. Kuznetsova. Dokl. AN BSSR 10 no. 5:344-347 My '66.

WATER HEATERS

Automatic electrode water heater. V. Ambartsumian, L. Tesnovets. Tekh. v sel'khoz. 26 no. 4:34-35 Ap '66.

WATER IN PLANTS see Plants, Water in

WATER IN THE BODY

Study of thirst excitability in rats. E.B. Berkstein. Fiziol. zhur. 50 no. 9:1177-1181 S '64.

WATER METABOLISM

Effect of cortisone on water metabolism in dogs under normal conditions and in experimental pathology of the liver. T.S. Solukvelidze. Fiziol. zhur. 52 no. 5:588-594 My '66.

Effect of the operation on water-salt metabolism in patients with coarctation of the aorta. E.P. Stepanian, A.V. Pokrovskii, R.M. Tal'yuk. Grud. khir. 8 no. 2: 46-50 Mr-Apr '66.

Mechanism of the effect of adrenaline on the reabsorption of water in renal tubules. B.A. Pakhomurnyi. Fiziol. zhur. 51 no. 2:237-242 F '65.

Water content in the tissues of some desert animals. V.E. Sokolov. Zool. zhur. 45 no. 5:779-777 '65.

Water content in the tissues of some desert animals. V.E. Sokolov. Zool. zhur. 45 no. 5:779-777 '65.

WATER ON THE BRAIN see Hydrocephalus

WATER RESOURCES DEVELOPMENT

Three million hectares of reservoirs. K. Popova, K. Chernokutov. NTO 8 no. 5:8-10 My '66.

Zuzik, D.T. [Economics of water management] Ekonomika vodnogo khozaystva. 2. izd., perer. Moskva, Kolos, 1966. 402 p. (Uchebniki i uchebnye posobia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavедent)

WATER SUPPLY see subdivision under Chirchik Province; Dzhezkazgan region (Kazakhstan); Shakh-Islam (Turkmenistan)

WATER VAPOR

Kinetics of cyclohexane splitting under the effect of water vapor on nickel catalysts. S.A. Balashova, T.A. Slovolotova, A.A. Balandin. Kin. i kat. 7 no. 2:303-308 Mr-Apr '66.

WATER VOLES

Ecological, morphological and physiological adaptation of muskrat and water rat to a semiaquatic way of life. V.P. Galantsev. Zap. LSKH 95:157-177 '65.

WATERFALLS see subdivision under Sema River (Karelia)

WATERMARKS

From the history of papermaking; stationery. S.A. Klepikov. Dum. prom. no. 5:26-27 My '66.

WATERPROOFING

Nechaev, G.A. [Waterproof powders in power systems construction] Gidrofobnye poroshki v energostroitel'stve. Moskva, Energiya, 1965. 33 p.

Popechenko, S.N. [Cold asphalt waterproofing] Kholodnaya asfal'tovaya gidrozolatsiya. 2. izd., perer. i dop. Leningrad, Stroizdat, 1966. 301 p.

Waterproofing soil by silicon organic liquids during the construction of automobile roads. D.V. Volotskoi. Izv. vys. ucheb. zav. i razv. 9 no. 2:100-105 '66.

WAVE FUNCTIONS

Calculating a disordered chain by the method of linear combination of atomic orbits (LCAO). A.I. Gubanov, N.A. Gushchina. Fiz. tver. tela 8 no. 5:1569-1573 My '66.

WAVE GUIDES

Calculation of wave guide slot antennas, taking into account the interaction of the radiators in the principal mode. G.A. Evstropov, S.A. Tsarapkin. Radiotekh. i elektron. 11 no. 5:822-830 My '66.

Electromagnetic waves in a coaxial line containing a nonuniform isotropic dielectric. V.M. Ginzburg, E.A. Iakovleva. Radiotekh. i elektron. 11 no. 5:850-859 My '66.

Excitation of a dielectric wave guide with small delay. V.F. Vziatyshev. Radiotekh. i elektron. 11 no. 5:830-840 My '66.

H-wave slot filters in a circular wave guide. V.V. Merinkri. Radiotekh. i elektron. 11 no. 5:934-935 My '66.

Slot couplings of rectangular single-mode wave guides. Equivalent circuits and lumped parameters. I.B. Levinson, P.Sh. Fridberg. Radiotekh. i elektron. 11 no. 5:831-838 My '66.

Excitation of a dielectric wave guide with small delay. V.F. Vziatyshev. Radiotekh. i elektron. 11 no. 5:830-840 My '66.

H-wave slot filters in a circular wave guide. V.V. Merinkri. Radiotekh. i elektron. 11 no. 5:934-935 My '66.

Slot couplings of rectangular single-mode wave guides. Equivalent circuits and lumped parameters. I.B. Levinson, P.Sh. Fridberg. Radiotekh. i elektron. 11 no. 5:831-838 My '66.

WAVES

Measuring low-amplitude waves under laboratory conditions. V.P. Sapstein, T.V. Orlov. Izv. vys. ucheb. zav. i razv. 9 no. 3:138-141 '66.

More on wave breakdown in shallow waters. V.V. Shuleikin. Dokl. AN SSSR 168 no. 3:373-378 My '66.

Rigorous theory of steady waves on a free surface and at the interface of two liquids. S.R.P. Sinkha. Dokl. AN SSSR 168 no. 1:47-50 My '66.

WEATHER FORECASTING see subdivision under Azerbaijan

WEATHERING

(see also subdivision under Denezhkin Kamen' region; Saratov Province; Siberian Platform; Ukraine)

Evaluation of rock weathering from the viewpoint of engineering geology. D.P. Prochukhan. Trudy Leningradskogo gos. univ. 2:42-68 '65.

WEED CONTROL

(see also subdivision under Alma-Ata Province; Gorkiy Province; Kaluga Province; Kharkov Province; White Russia)

Dates for chemical weed control. E. Doroshenko and others. Zashch. rast. 11 no. 4:19-20 '66.

Practices in using herbicides in the control of weeds in orchards. I.N. Boldyrev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:93-97 Ap '66.

Prevent the spread of weeds in the fields. D. Kudriavtsev. Zashch. rast. 11 no. 4:14-15 '66.

There should be no place for weeds in the fields! Zashch. rast. 11 no. 4:1-3 '66.

WEED KILLERS see Herbicides

WEEDS

Effect of transparent and opaque coverings on the germination of weed seeds in the soil. I.D. Robut, B.P. Goncharov, L.N. Abrosimova. Sbor. trudov na agron. fiz. no. 12:5-15 '65.

Evaluation of weeds in field experiments. V.A. Aleshchev. Vest. sel'khoz. nauki 11 no. 2:111-114 F '66.

Herbicides and botanical forms of weeds. A. Monastvillat. Zashch. rast. 11 no. 5:53 '66.

Quarantine weeds. R. Safra. Zashch. rast. 11 no. 4:45-53 '66.

WEEVILS—BIOLOGICAL CONTROL

Diseases of the sugar beet weevil. I.U. Bichuk. Zashch. rast. 11 no. 4:46-47 '66.

WEIGHING MACHINES

Selecting the method of error reduction in automatic weighing of piece freight. V.P. Topolev. Avtomatiz. protzv. prots. vmashinostri. i prib. no. 2:87-92 '65.

WELDED ALUMINUM STRUCTURES—TESTING

Residual stresses in welded joints in aluminum alloys. N.A. Loktionova and others. Alkum. splavy no. 4:187-191 '66.

WELDED STEEL STRUCTURES

Using steels of increased strength for welded structural elements. V. Toront'ov, A. Filov. Prom. stroi. i inzh. soor. 6 no. 3:18-21 My-Je '64.

WELDING

Effect of weld deformations on the performance of beams reinforced under a load. M.IA. Shepol'skii. Izv. vys. ucheb. zav. i razv. 9 no. 2:18-22 '66.

Improving the quality of welding equipment. O.IA. Blech. Stroi. truboopr. no. 6:33 Je '65.

Sarkisov, G.N. [Welding in repairing cabins and bodies of motor vehicles] Svarka pri remonte kabin i kuzovov avtomobilov. Moskva, Transport, 1966. 37 p.

WELDING (Continued)

Shevchenko, G. D. [Welding, soldering, and the thermal cutting of metals] Svarka, palka i termicheskaya rezka metallov. Moskva, Vysshaya shkola, 1966. 190 p.

WELDING—EQUIPMENT AND SUPPLIES

New welding equipment. IU, Iurchenko, M. Gorovoi. Inform. Biol. VDNKH no. 5:4-6 My '66.

WELDING—HANDBOOKS, MANUALS, ETC.

Cherniak, V. S., and K. P. Voshchanov. [Young welder's handbook] Spravochnik mladogo svarshchika. Izd. 4., perer. i dop. Moskva, Vysshaya shkola, 1966. 555 p.

WELDING—PERIODICALS

Readers' conference at Kharkov. Avtom. svar. 19 no. 4:80 Ap '66.

WELDING—QUALITY CONTROL

Shebeko, L. P. [Laboratory research on the quality control of welded joints] Laboratornye raboty po kontroliu kachestva svarnykh soedinenii. Moskva, Mashinostroyeniye, 1966. 92 p.

WELLS

Determining the yield, pumping time, and the time for water level restoration in a dug well. R. M. Kaplan, E. B. Nestorov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 4:80 Ap '66.

Operation and production of casing pipes for hydrogeological wells. A. S. Volkov, A. A. Volokitenkov, L. B. Shevchenko. Izv. vys. ucheb. zav. geol. i razv. 9 no. 3:149-152 Mr '66.

WEST GERMANY see Germany, West

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALE MEAT

Machine for cutting blocks of whale meat. B. G. Rudnik. Ryb. khoz. 42 no. 3:61-62 '66.

WHALE OIL

Hydrogenation and deodorization of whale and vegetable oil mixtures. A. A. Shmidt and others. Masl. zh. 32 no. 4:14-16 Ap '66.

WHALES see subdivision under Ballyn Islands region

WHARVES

Determining the optimum number of cargo piers by methods of the waitingline theory. M. Zubkov. Mor. flot 24 no. 1:9-11 Ja '64.

WHARVES—DESIGN AND CONSTRUCTION

Glass reinforced plastics as building material for wharves. N. Viazemskaya, S. Pevzner. Rech. transp. 23 no. 2:32-34 F '64.

WHEAT

(see also subdivision under Aktyubinsk Province; Caucasus, Northern; Ukraine; Volga Valley)

Effect of the rolling of soil on the yield of spring wheat. V. S. Shadurov. Vest. sel'khoz. nauki 11 no. 2:19-22 F '66.

Effect of wheat conditioning on the yield and quality of popped grains. E. G. Gorun, K. S. Iov. prom. 21 no. 5:24-25 My '66.

Winter gas exchange in winter wheat. B. L. Dorokhov, I. I. Barantsev, S. N. Makhartov. Fiziol. rast. 13 no. 1:162-164 Ja-F '66.

Winter wheat in the socialist countries in Europe. L. G. Grossman, M. M. Akubitsmer. Vest. sel'khoz. nauki 11 no. 2:148-152 F '66.

WHEAT—DISEASES AND PESTS see subdivision under Saratov Province

WHEAT—FERTILIZERS AND MANURES

(see also subdivision under Kiev Province)

Effect of the time and methods of using urea and ammonium nitrate on the yield and quality of the grain of winter wheat. L. G. Karandashov. Agrokhimia no. 5:10-16 My '66.

WHEAT—MICROBIOLOGY

Microflora of wheat grain as related to the time of harvesting and the place of cultivation. A. P. Ordin. Mikrobiologiya 35 no. 2:337-343 Mr-Apr '66.

WHEAT BREEDING

Basic trends in studying hybrid wheat. M. A. Fedin. Vest. sel'khoz. nauki 11 no. 4:21-27 Ap '66.

Inheritance of the general habitus of the ear by hybrids in intergeneric crossing. E. D. Emmerikh. Vest. sel'khoz. nauki 11 no. 2:127-128 F '66.

WHEATS RUSTS

Physiological and biochemical reaction of spring wheat varieties differing in their resistance to stem rust. E. P. Alekhin, V. V. Chigrin. Fiziol. rast. 13 no. 1:99-104 Ja-F '66.

WHITE RUSSIA—AUDITING AND INSPECTION

Kalilets, G. Ia. [People's controllers] Dozornye naroda. Minsk, Belarus', 1965. 34 p.

WHITE RUSSIA—CATTLE—DISEASES AND PESTS

Testing the therapeutic effectiveness of berenil in babesiosis of cattle in White Russia. E. V. Petrova, M. G. Kubasova. Uch. zap. Viteb. vet. inst. 18:245-252 '64.

WHITE RUSSIA—COMMUNIST YOUTH LEAGUE

Mironov, A. E. [My dear teenager!] Dorogoi moi podrostok! Minsk, Belarus', 1966. 88 p. (Po zakonam sovosti i chesti)

WHITE RUSSIA—CONSTITUTIONAL HISTORY

Margunskii, S. P. [State building in the White Russian S. S. R. during the years of national economic reconstruction, 1921-1925] Gosudarstvennoe stroitel'stvo BSSR v gody vosstanovleniia narodnogo khozlstva (1921-1925). Minsk, Nauka i tekhnika, 1966. 284 p.

WHITE RUSSIA—CONSTRUCTION INDUSTRY

Achievements of science and technology should be put into construction practice. N. S. Zarovkina. Bial. stroi. tekhn. 27 no. 3:35-37 Mr '66.

New work under new conditions. M. P. Tatarsov. Prom. Bel. 9 no. 1:5 Ja '66.

WHITE RUSSIA—COWS—FEEDING AND FEEDS

Results of feeding carbanide to lactating cows. V. F. Lemesh, A. P. Shpakov, V. K. Nazarov. Uch. zap. Viteb. vet. inst. 18:72-83 '64.

WHITE RUSSIA—DAIRY CATTLE BREEDING

Possibility of using the herd of the "Polota" State Farm for the formation of a productive stock of Red White Russian cattle. A. S. Gur'ianova. Uch. zap. Viteb. vet. inst. 18:25-32 '64.

WHITE RUSSIA—DAIRY INDUSTRY

New enterprises come into operation. V. K. Shargin. Prom. Bel. 9 no. 1:2 Ja '66.

WHITE RUSSIA—DESCRIPTION AND TRAVEL

Vol'ski, V. F. [Native land] Rodnoi kraj. Minsk, Belarus', 1964. 492 p. (NN)

WHITE RUSSIA—ECONOMIC POLICY

Toward new boundaries in 1966. Prom. Bel. 9 no. 1:1 Ja '66.

WHITE RUSSIA—FISHES

Hibernation of herbivorous fish in the White Russian S. S. R. IU. Sobolev. Ryb. khoz. 42 no. 4:22-23 '66.

WHITE RUSSIA—FLINT

Studying the ancient flint mines of White Russia. N. N. Gurina. Krat. soob. Inst. arkheol. no. 106:31-37 '66.

WHITE RUSSIA—FOOD INDUSTRY

More good and various products. A. I. Erel. Prom. Bel. 9 no. 1:4-5 Ja '66.

WHITE RUSSIA—HISTORY—SOURCES

Akademika nauk SSSR. Institut istorii. [The chronicle of Bykhovets] Khronika Bykhovetsa. Moskva, Nauka, 1965. 152 p. (Pamiatniki srednevekovoi istorii narodov Tsentral'noi i Vostochnoi Evropy)

WHITE RUSSIA—INDUSTRIES

For the Soviet people. A. F. Nichipor. Prom. Bel. 9 no. 1:2-3 Ja '66.

WHITE RUSSIA—LADYBIRDS

Fauna, biology and the useful role of Coccinellidae (Coleoptera) in White Russia. V. P. Sem'ianov. Zap. LSKH 95:108-120 '65.

WHITE RUSSIA—LAW

White Russia. Verkhovnyi Sovet. [Seventh session of the Sixth Supreme Soviet of the White Russian S. S. R., December 21-22, 1965. Verbatim report] Sed'nala sessii Verkhovnogo Soveta Belorusskoi SSR, shestogo sozyva (21-22 dekabria 1965 goda). Stenograficheski otchet. Minsk, Belarus', 1966. 197 p.

WHITE RUSSIA—MEAT INDUSTRY

New enterprises come into operation. V. K. Shargin. Prom. Bel. 9 no. 1:2 Ja '66.

WHITE RUSSIA—MEDICINE, PREVENTIVE

That need friendly help. K. Zubovskii. Sots. oheap. 41 no. 5:48 My '66.

WHITE RUSSIA—MONUMENTS

[Along the paths of time] Po dorogam vremeni. Minsk, Belarus' 1966. 71 p. chiefly illus. (istoricheskie pamiatniki Belorussii)

WHITE RUSSIA—PEAT INDUSTRY

Fuel base of the republic. L. I. Druzhelovskii. Prom. Bel. 9 no. 1:3 Ja '66.

Problem of complex processing of peat. I. A. S. Opman. Prom. Bel. 9 no. 1:18-19 Ja '66.

WHITE RUSSIA—PETROLEUM PRODUCTION

The White Russian S. S. R. A. G. Zadov. Nef. khoz. 44 no. 4:11-14 Ap '66.

WHITE RUSSIA—PETROLOGY

Association of limestones and dolomites among carbonate fragments in Quaternary sediments in White Russia. E. A. Levkov, E. D. Mishagova. Dokl. AN BSSR 10 no. 4:249-250 Ap '66.

WHITE RUSSIA—PLANTS, PROTECTION OF

Plant protection personnel of White Russia. A. Vary-paeva. Zashch. rast. 11 no. 1:58-59 '66.

WHITE RUSSIA—POLITICS AND GOVERNMENT

White Russia. Verkhovnyi Sovet. [Seventh session of the Sixth Supreme Soviet of the White Russian S. S. R., December 21-22, 1965. Verbatim report] Sed'nala sessii Verkhovnogo Soveta Belorusskoi SSR, shestogo sozyva (21-22 dekabria 1965 goda). Stenograficheski otchet. Minsk, Belarus', 1966. 197 p.

WHITE RUSSIA—POULTRY BREEDS

Comparative characteristics of the productivity of New Hampshire and Russian White chickens on the "Podlesie" Farm. N. A. Gorskii and others. Uch. zap. Viteb. vet. inst. 18:37-42 '64.

WHITE RUSSIA—RECONSTRUCTION

Margunskii, S. P. [State building in the White Russian S. S. R. during the years of national economic reconstruction, 1921-1925] Gosudarstvennoe stroitel'stvo BSSR v gody vosstanovleniia narodnogo khozlstva (1921-1925). Minsk, Nauka i tekhnika, 1966. 284 p.

WHITE RUSSIA—RURAL LIBRARIES

Library service to the rural population of the White Russian S. S. R. M. I. Pokalo. Bibliot. SSSR no. 24:38-53 '65.

WHITE RUSSIA—SOIL BIOLOGY

Activity of soil urease. V. F. Kuprevich, T. A. Shcherbakova, G. P. Tsiupa. Dokl. AN BSSR 10 no. 8:336-340 My '66.

WHITE RUSSIA—STONE IMPLEMENTS

Studying the ancient flint mines of White Russia. N. N. Gurina. Krat. soob. Inst. arkheol. no. 106:31-37 '66.

WHITE RUSSIA—SWINE—FEEDING AND FEEDS

Studying the digestibility and nutritive value of forage bean meal for swine. A. P. Shpakov. Uch. zap. Viteb. vet. inst. 18:89-92 '64.

Studying the digestibility and nutritive value of sugar beets for swine. A. P. Shpakov and others. Uch. zap. Viteb. vet. inst. 18:84-88 '64.

WHITE RUSSIA—TECHNOLOGICAL INNOVATIONS

Technological community and scientific-technical progress. L. I. Fedorov. Prom. Bel. 9 no. 1:48-50 Ja '66.

WHITE RUSSIA—TICKS

Biological study of Ixodes trianguliceps Dir. in White Russia. I. T. Arzamasov. Dokl. AN BSSR 10 no. 4:298-299 Ap '66.

WHITE RUSSIA—VEGETABLES—FERTILIZERS AND MANURES

Fertilizers for vegetables in crop rotation in turf-Podzolic soils of White Russia. M. P. Sapun. Vliian. dlin. prim. udob. na plod. poch. i prod. sevechor. no. 2:133-137 '64.

WHITE RUSSIA—WEED CONTROL

Advantages of chemical weed control. K. Padenov, V. Shikhaleeva, V. Khudov. Zashch. rast. 11 no. 4:15-16 '66.

WHITE RUSSIA—WOOD-USE INDUSTRIES

Use forest resources more efficiently. A. Ia. Kiklov. Prom. Bel. 9 no. 1:4 Ja '66.

WHITE RUSSIA—WOODWORKING INDUSTRIES

Mechanizing the production of wooden chests. L. E. Demikhovskii, G. I. Astafieva. Prom. Bel. 9 no. 1:16-18 Ja '66.

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Vetrov, I. D. [Brothers-in arms] Brat'ia po oruzhiu. [Minsk] Belarus' [1965] 349 p. (CU)

WHITE RUSSIAN LANGUAGE

Akademika nauk BSSR, Minsk. Institut movaznaustva. [Some characteristics of the White Russian literary language] Ab nekatorykh asabivastakh belaruskai literaturnai movy. Minsk, Nauka i tekhnika, 1965. 183 p.

WHITE RUSSIAN LANGUAGE—PUNCTUATION

Klissar, H.N., and A.L. Iurevich. [Modern White Russian punctuation] Suchasnaia belaruskaja punktuatsiya. Pad red. M.S. Iakunovicha. Minsk, Vysheishaya shkola, 1966. 246 p.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Akademii nauk BSSR, Minsk, Institut literatury. [History of Soviet White Russian literature in two volumes] Istoricheskaya belaruskaya savetskaya literatura u dvukh tomakh. Minsk, Nauka i tekhnika. Vol. 1. 1917-1941 gg. 1965. 632 p.

Aleksandrovich, S.Kh. [Tracing a poetic legend] Pa shchadakh pacychal'nykh legendy. Minsk, Narodnaya asveta, 1965. 173 p.

WHITE RUSSIAN SONGS see Songs, White Russian

WHITE RUSSIAN TALES see Tales, White Russian

WHITE SEA REGION—FISH POPULATIONS

Akademii nauk SSSR, Institut morfologii zhivotnykh. [Characteristics of fish population dynamics in the White Sea and its basin] Zakonomernosti dinamiki chislennosti ryb Belogo moria i ego basseina. Moskva, Nauka, 1966. 229 p.

WHOLESALE TRADE see subdivision under Ukraine

WHOLESALE TRADE—PRICES

Methodological prerequisites for the review of the wholesale prices. D. Kondrashev. Den, kred. 24 no. 5:8-15 My '66.

WHOOPING COUGH—PREVENTIVE INOCULATION

Effect of phthivazide on immunogenesis in vaccination against diphtheria and whooping cough in children with manifestations of primary tuberculosis. B.I.A. Reznik. Zhur. mikrobiol., epid. i immun. 41 no. 8:50-54 Ag '64.

Morphological changes in the lungs in paratuberculosis and pertussis infections in nonimmunized and immunized white mice. E.V. Ryzikov, E.A. Mamaeva. Zhur. mikrobiol., epid. i immun. 43 no. 4:35-39 Ap '66.

WILD BOAR see subdivision under Turkmenistan

WILDLIFE CONSERVATION see subdivision under Estonia

WILNO see Vilnius

WIND EROSION

Complex of machinery for protecting soils from wind erosion. V. Gordiushin. Tekh. v sel'khoz. 26 no. 4: 5-6 Ap '66.

Conditions of the lower layers of the air and wind erosion. K.S. Kal'fayev. Vest. sel'khoz. nauk 11 no. 4:52-56 Ap '66.

WIND PRESSURE

Action of the wind on high buildings with balconies. N. Kuznetsov. Stroitel'stvo, 14 no. 4:19-20 Ap '66.

WINDBREAKS, SHELTERBELTS, ETC.

[see also subdivision under Altai Territory; Central Chernozem region; Kazakhstan]

Selection of species in establishing shelterbelts by means of large-size nursery stock. N.G. Petrov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:34-36 '66.

WINDING MACHINES

Efficient load distribution on the bearings of the transversal roller of M-150-1 winding machines. V.P. Zaitsev. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:156-160 '66.

Studying the position of yarn on the surface of the winding cylinder during laying. V.N. El'phava. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:93-97 '66.

Yarn tension by a double-zone disk tensioner. E.D. Efremov. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:95-104 '66.

WINDLASS

Urin, I.A.M., V.M. Chernyavskii, and V.I. Reznik. [The L59 double-flow remotely controlled windlass] Dvukh-potokhnaya tobedka L59 s distantsionnym upravleniem. Moskva, Lesnaya promyshlennost', 1965. 103 p.

WINDOWS

Semiautomatic unit for processing window and door frames. A.I. Vorob'ev. Der. prom. 14 no. 3:21-23 Mr '66.

Standardization of windows and balcony doors. E. Sychevskii. Stroitel'stvo, 14 no. 4:27-28 Ap '66.

WINDS

Steady wind circulation in a homogeneous ocean. A.I. El'penbaum, N.B. Shapiro. Dokl. AN SSSR 160 no. 3: 560-572 My '66.

WINDS—MEASUREMENT

Comparison of gradient observations on wind velocity carried out by means of a Froude spar buoy and a shipboard gradient installation. M.M. Bogorodskii. Okeanologiya 6 no. 2:347-354 '66.

WINE AND WINE MAKING see subdivision under Armenia

WINTER see subdivision under Northern Hemisphere

WIRE

Shpirnov, V.A. [Cast wire] Litaia provoloka. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no. 9)

WIRE ROPE

Machine for plaiting steel ropes. B.I. Andreev. Ryb. khoz. 42 no. 4:51-52 '66.

WIRE ROPE—CLEANING

Lining of pulleys and devices for cleaning hoist ropes. V.G. Stogol, V.I. Karagayev. Shkhit. stroit. 10 no. 4: 20-30 Ap '66.

WIRE ROPE—STANDARDS

Russia (1923- U.S.S.R.). Komitet standartov, mer i izmeritel'nykh priborov. [Steel cables] Kanaly stal'nye. Izd. ofitsial'noe. Moskva, 1956. 186 p. (SSSR Gosudarstvennyy standarty)

WIRE ROPE—TESTING

Determining additional stresses in hoist ropes occurring during their passage from one layer to the other. G.V. Verstakov, L.F. Iakovlev, B.L. Girshik. Izv. vys. ucheb. zav.; gor. zhur. 9 no. 4:112-117 '66.

Determining additional stresses in hoisting ropes. G.V. Verstakov, L.F. Iakovlev, B.L. Girshik. Gor. zhur. no. 5:69 My '66.

WIRE ROPE—VIBRATION

Calculating torsional vibrations of the guy jibs of draglines and swing chutes. S.A. Pankratov, V.N. Bakaleev. Izv. vys. ucheb. zav.; mashinostr. no. 3:156-162 '66.

WIRE SCREENS

Metall rubber. IU. Efimov. Izobr. i rats. no. 3:28 Mr '66.

WIREDRAWING

Effect of intermediate tempering on the properties of wire. I.N. Kidin and others. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:154-156 '66.

Heat conditions for the patenting of steel wire. A.P. Baskakov, A.S. Zavarov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 5:162-167 '66.

WIREDRAWING MACHINES—EQUIPMENT AND SUPPLIES

Use of synthetic diamonds in lapping hard-alloy dies. P.G. Erof'evskii, V.Z. Marchenko, V.A. Ol'khov. Stal' 26 no. 4:476-479 My '66.

WIREWORMS—EXTERMINATION

[see also subdivision under Ossetia, North]

Problems of controlling wireworms in corn fields. V.P. Kirillov. Vest. sel'khoz. nauk [Kazakh]. 9 no. 4:15-18 Ap '66.

WOLFF-PARKINSON-WHITE SYNDROME

Some remarks concerning a case of Wolff-Parkinson-White syndrome. M.K. Gordon. Kardiologiya no. 5:84-86 '64.

WOMEN see subdivision under Chuvashia

WOMEN—AGING

Age-related changes in some morphological and functional indices of the female body in aging. V.A. Gumbartsev, V.M. Anina. Trudy MOIP, Otd. biol. 17:117-123 '66.

WOMEN—EMPLOYMENT

Advice of medical personnel to women spinners and weavers. A. Pasternak. Okhr. truda i sots. strakh. 8 no. 3: 26-27 Mr '66.

What Comrade Davletov can't understand. IA. Skliarevskii. Sov. profsoyuzy 22 no. 9:42-43 My '66.

Women workers should have unremitting attention. V. Tsielisk. Okhr. truda i sots. strakh. 8 no. 3:3-4 Mr '66.

WOMEN—STATISTICS

Pages on the biography of Soviet women: facts and figures. Agitator no. 3:27-28 F '64.

WOMEN AS JOURNALISTS

Try to make people happy! A. Kashtan'er. Sov. pech. no. 5:39-40 My '66.

WOMEN AS PETROLEUM WORKERS

During the days and nights of blockade. P. Minin. Neftianik 11 no. 5:10-11 My '66.

In search of the new, the advanced. A. Abramil. Neftianik 10 no. 8:14 Ag '65.

Operator Nursoltan Berdyeva. E. Meredov. Neftianik 10 no. 5:14 My '65.

WOMEN AS PHYSICIANS

Zabludovskaya, E.D. [V.A. Kashevarova-Rudneva; the story of women's higher medical education in Russia] V.A. Kashevarova-Rudneva; k istorii vysshego zhen'skogo meditsinskogo obrazovaniya v Rossii. Moskva, Meditsina, 1965. 118 p. (DNLM)

WOMEN AS TRACTOR OPERATORS see subdivision under Uzbekistan

WOMEN AS VETERINARIANS see subdivision under Likhoslavl' District

WOMEN IN FISHERIES

Greetings to our dear women! Ryb. khoz. 42 no. 3:4-5 '66.

WOMEN IN PUBLIC LIFE

Malashkova, L.A. [Those personally responsible] Asabiata adkaznyia. Minsk, Belarus', 1966. 30 p. (Baltiy plavodnaya kratu)

WOMEN IN THE MERCHANT MARINE

There is a brigade working at the Baltic Shipyard... A.F. Domashev. Sudostroenie 56 no. 3:78 Mr '66.

WOMEN IN THE TEXTILE INDUSTRY (see also subdivision under Vysniy Volocheh, Kalinin Province)

Improvement of work and rest conditions of women loom operators. A.A. Balnikova. Tekst. prom. 26 no. 5:30-32 My '66.

WOOD

Wood of metasequoia. G.D. Iaroslavtsov, T.N. Vishniakova. Biol. Glav. bot. sada no. 59:97-99 '65.

WOOD—CHEMISTRY

Studying the possibilities of accelerating the hydrolysis of woodpulp and wood by means of ultrasonic waves. O.A. Dmitrieva and others. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:134-138 '66.

WOOD—MOISTURE

Vashchev, N.V. [Effect of moisture in the air and in wood on the strength of glued joints] Vliyanie vlazhnosti vozdukh i drevesiny na prochnost' kleevykh soedinenii. Moskva, Lesnaya promyshlennost', 1966. 80 p.

WOOD—TESTING

Savkov, E.I. [Mechanical properties of wood] Mekhanicheskie svoystva drevesiny. Moskva, Lesnaya promyshlennost', 1965. 60 p.

WOOD ALCOHOL see Methanol

WOOD-DECAYING FUNGI

Root damage and stump rot in spruce forests of the Central Urals. A.G. Shavlin. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:159-171 '66.

WOOD DISTILLATION

Studying the process of wood pyrolysis by the method of thermogravimetric analysis. V.N. Pliashkin, A.K. Shtivianskii. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1:127-133 '66.

WOOD FINISHING

Basic trends in the developments of the technique and technology of furniture finishing. B.M. Buglai. Der. prom. 14 no. 3:1-4 Mr '65.

WOOD PRESERVATIVES

Gorshin, S.N., and I.A. Chernitsov. [Field testing of antiseptics] Poligonnye ispytaniya antiseptikov. Moskva, Lesnaya promyshlennost', 1966. 135 p.

Shale tars as wood antiseptics. G.E. Shalytko, R.A. Sokolov, Z.A. Krasnova. Izv. vys. ucheb. zav.; les. zhur. 9 no. 1: 115-122 '66.

WOOD-USING INDUSTRIES

[see also subdivision under Ukraine; White Russia]

In the State Committee for the Lumber, Woodpulp and Paper, Woodworking Industry, and Forestry attached to the State Planning Committee of the U.S.S.R. Der. prom. 14 no. 3:18 Mr '65.

Increasing the operative efficiency of esterification apparatus. A.G. Tarasova, A.A. Semenov. Gidroliz. i losokhim, prom. 19 no. 4:22 '66.

Sokolov, T.D. [Wood processing at consumers' goods workshops of forest working circles] Pererabotka drevesiny v tsekhakh shpirotraha leskhozov. Moskva, Lesnaya promyshlennost', 1964. 98 p. (Biblioteka lesnika i мастера lesa, no. 10)

WOOD-USING INDUSTRIES—BY-PRODUCTS

Purification of sewage waters by burning the impurities of organic substances at high temperatures. N.P. Drozdov, A.N. Kiselev, F.P. Shvankova. Gidroliz. i losokhim, prom. 19 no. 4:7-9 '66.

WOOD-USING INDUSTRIES—ELECTRIC EQUIPMENT

Soltanov, B.S.D. [Electrical equipment of enterprises of the woodpulp and paper and wood chemical industry] Elektrorabotovanie predpriatii tseluliozno-bumazhnoi i lesokhimicheskoi promyshlennosti. 2, izd. Moskva, Lesnaya promyshlennost', 1966. 252 p.

WOOD-USING INDUSTRIES—FINANCE see subdivision under Ukraine

WOOD-USING INDUSTRIES—LABOR PRODUCTIVITY

Secure a continuous growth of labor productivity in the hydrolysis industry. L. L. Gorskoy, V. K. Moiseeva, E. S. Munevich. Gidroliz i lesokhim, prom. 19 no. 4: 1-3 '66.

WOOD-USING INDUSTRIES—MANAGEMENT

Conference of the scientific organization of work. B. L. Smoliakov. Gidroliz i lesokhim, prom. 19 no. 4: 31-32 '66.

WOOD-USING INDUSTRIES—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Vologda, Gorkiy Province)

Contest organized by the Scientific and Technical Society in the Amzin Wood Chemicals Plants. E. D. Parshenkov. Gidroliz i lesokhim, prom. 19 no. 4: 28 '66.

Contribution of efficiency promoters. N. S. Kniazeva. Gidroliz i lesokhim, prom. 19 no. 4: 27 '66.

WOOD WASTE

"Arbolit" as building material. I. Mizina. Inform. biul. VDNKH no. 5: 16-17 My '66.

WOODPULP

Change of the technology for paper stock production. A. S. Kossol, A. D. Abramovich. Bum, prom. no. 5: 11-14 My '66.

Cold alkali method for the refining of sulfate cellulose. F. P. Komarov. Bum, prom. no. 5: 22-23 My '66.

Effect of molecular oxygen on the process of delignification. V. P. Shchegolev, V. M. Nikitin. Bum, prom. no. 5: 6-7 My '66.

Fractional composition of bleached sulfate pulp made from larch wood. Z. A. Korzhitskaya, I. S. Khutorschikov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 1: 123-126 '66.

Studying the filtration of fibrous suspensions. B. A. Gaevskii. Khim. mashinostr. no. 2: 146-152 '65.

WOODPULP INDUSTRY see subdivision under Kondopoga (Karelia); Kotlas (Archangel Province); Segezha (Karelia)

WOODPULP INDUSTRY—BY-PRODUCTS

Nitrated sulfite alcohol stillage as reagent for oil well drilling fluids. V. Izumrudova and others. Gidroliz i lesokhim, prom. 19 no. 4: 25 '66.

WOODPULP INDUSTRY—MANAGEMENT

Uchastkina, Z. V., and G. B. Kasparov. [Economics, organization, and planning for woodpulp-paper production] Ekonomika, organizatsiya i planirovaniye (seliuzhno-bumazhnogo proizvodstva). Izd. 2, perer. i dop. Moskva, Lesnaya promyshlennost', 1966. 324 p.

WOODPULP INDUSTRY—MATHEMATICAL MODELS

Practice in economic-mathematical planning for the production structure of fibrous semifinished products of the woodpulp-paper industry of the U.S.S.R. V. K. Bochkareva, M. G. Zavel'skii, V. S. Sominskii. Trudy LIEI no. 58: 70-82 '66.

WOODWORK

Studying the strength of joints fastened by wood screws in bent and glued parts. V. F. Naumchuk. Lis., pap. i der. prom. no. 2: 33-35 Mr-Apr '66.

WOODWORKING INDUSTRIES

(see also subdivision under Gomel; White Russia)

Solving problems in the distribution of lumbering and woodworking industry enterprises. P. I. Goryshin, K. B. Starobin. Trudy LIEI no. 58: 63-69 '66.

WOODWORKING INDUSTRIES—EQUIPMENT AND SUPPLIES

Sankhulo, G. M. [Capital assets and the efficiency of their use] Osnovnye fondy i effektivnost' ikh ispol'zovaniya. Leningrad, 1966. 38 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskiy opyt. Seriya: Obmen poredovym proizvodstvennym i nauchno-tekhnicheskimi opytom i derevoobrabatывaushchel promyshlennosti)

WOODWORKING MACHINERY

Byzov, V. I. [Improving wearing quality of woodcutting tools] Povysheniye iznosostoykosti derevozrezushchego instrumenta. Moskva, Lesnaya promyshlennost', 1965. 75 p. (Nastoielchye vnedriat' poredovoi opyt v proizvodstve)

Disbalance of the cutter of a woodmilling machine and the microgeometry of the machined surface. V. A. Vinogradov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 1: 94-99 '66.

Rozov, M. A. [Manual for the calculations of technological equipment for the woodworking industry] Rukovodstvo po raschetu tekhnologicheskogo oborudovaniya derevoobrabatывaushchel promyshlennosti. Moskva, Lesnaya promyshlennost', 1966. 83 p.

Use of protective covers of polyvinyl chloride for woodcutting tools. I. M. Reiter, M. P. Feldman. Lis., pap. i der. prom. no. 2: 11-12 Mr-Apr '66.

WOODWORKING MACHINERY—HYDRAULIC DRIVING

Precision of setting a mobile saw in a trimmer with a hydraulic drive. G. M. Gernut. Izv. vys. ucheb. zav. i les. zhur. 9 no. 1: 100-104 '66.

WOODWORKING MACHINERY—MAINTENANCE AND REPAIR

Grinding woodcutting tool made of 6x5VF steel with boron abrasive disks. V. N. Bakul', I. P. Zakharenko, L. A. Fedoseiev. Lis., pap. i der. prom. no. 2: 35-40 Mr-Apr '66.

WOODY PLANTS

(see also subdivision under Caucasus; Turkmenistan)

Introducing trees and shrubs into the nut and fruit forest zone of southern Kirghizistan. K. F. Faizuldaev. Biul. Glav. bot. sada no. 59: 15-17 '65.

Second Ural Conference on the Ecology and Physiology of Woody Plants. B. P. Kolesnikov, I. A. Tereshin. Bot. zhur. 51 no. 2: 307-308 F '66.

Trees and shrubs for the landscaping of industrial regions on the Mangyshlak Peninsula. V. V. Romanovich. Biul. Glav. bot. sada no. 59: 33-35 '65.

WOODY PLANTS—FROST RESISTANCE see subdivision under Amur Province

WOOL

Incorporation of elementary sulfur (S³²) in the proteins of the wool of fine-wool sheep. I. A. Troitskii, A. N. Ustin. Trudy VNIIS 16: 289-295 '69.

WOOLEN AND WORSTED SPINNING—EQUIPMENT AND SUPPLIES

[Wool spinning equipment] Sherstopriadiel'noe oborudovaniye. [By] N. A. Afrikanov i dr. Moskva, Legkaya Industriya, 1966. 650 p.

WORDS, NEW—UKRAINIAN

Shashkin, I. U. [New expressions in the language of the Ukrainian newspapers during the period of the large-scale building of communism] Nove v movi ukrains'koi gazety periodu rozhornutoho budynvystava komunizmu. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., 1965. 90 p.

WORK

Influence of technological progress upon the intensity of work. G. N. Cherkasov. Izv. SO AN SSSR, no. 5, Ser. obshchestv. nauk no. 2: 22-26 '64.

[Salute to labor] Chest' trudu; sbornik. Donetsk, Donbas, 1965. 62 p.

WORK—PHYSIOLOGICAL ASPECTS

Does production need a physiologist? E. Arkhipov. Sots. trud. 11 no. 3: 87-88 '66.

WORK CLOTHES

New album of work clothes. F. Kleis. Okhr. truda i soia. strakh. 8 no. 3: 48 Mr '66.

Sanitary and specialized clothing for the workers of the meat industry. N. Ovsiankina. Okhr. truda i soia. strakh. 8 no. 3: 20-21 Mr '66.

WORK CLOTHES—ACCOUNTING

Machine accounting for the articles of little value that depreciate rapidly. V. Pok, I. Petrova. Bukh. uch. 21 no. 12: 49-51 D '64.

WORK CLOTHES—DISINFECTION

Simple formalin vapor chambers. A. V. Pozdniakov. Veterinariia 43 no. 5: 80-82 My '66.

WORK FUNCTION (PHYSICS)

Work function of solid solutions of tungsten with molybdenum and tantalum. B. Ch. Dlubua, O. K. Kulshayev, L. V. Gorskikova. Fiz. tver. tela 8 no. 4: 1104-1109 Ap '66.

WORKS COUNCILS

Day after day. V. Antapov. Sov. profsoyuzy 22 no. 9: 6-7 My '66.

Forces of public control. V. I. A. Polchko. Elek. i tepl. tiaga 10 no. 1: 12-13 Ja '66.

Regular production conference in action. V. Dubkov, V. Gusev. Metallurg 11 no. 5: 43-44 My '66.

WORLD HISTORY

"Brief study of world history" L. G. Nov. i noveish. ist. no. 3: 194-195 '66.

WORLD HISTORY—BIBLIOGRAPHY see Bibliography—World history

WORLD POLITICS

Hall, Gus. [End the cold war. Translated from the English] Pokonchit' s "kholodnoi volnoi." Moskva, Gos. izd-vo polit. lit-ry, 1963. 55 p. (Ned)

International notes. Nov. vrem. 23 no. 24: 24-25 Je '66.

Klokov, V. I., and V. P. Demchenko. [Origin of the world system of socialism and the progress of mankind] Vyniknennia svitovoi systemy sotsializmu i progress ludstva. Kyiv, 1965. 47 p. (Tovarystvo "Znannya" Ukraini's'koi RSR. Seriya I, no. 9)

Kommunisticheskaya partiya Sovetskogo Soyuza. 23. s'ezd. [Materials of the 23rd Congress of the CPSU] Materialy. Moskva, Politizdat, 1966. 303 p.

WORLD WAR, 1939-1945

(see also subdivision under Baltic Sea; Crete; Czechoslovakia; Far East; France; Krasnodar Territory; Latvia; Lithuania; Normandy; Pirchupis; Lithuania; Rumania; Taganrog; Ukraine; White Russia; Yugoslavia)

[Always on duty] Navechno v stroiu. Moskva, Voenizdat.

Book 5. 1968. 347 p.

Discussing the book "A brief history of the Great Patriotic War of the Soviet Union, 1941-1945." P. Ksenofontov. Voen.-ist. zhur. 8 no. 6: 105-109 Je '66.

The heroes of legends. I. Petrov. V mire knig 6 no. 4: 10 Ap '66.

Heroic achievement of tank men. B. Ponomarenko. Neftianik 11 no. 5: 7 My '66.

In the fire of tank attacks. M. Oglobin. Neftianik 10 no. 5: 4-6 My '65.

In the name of the Soviet fatherland. I. Chernoshtanov. Neftianik 11 no. 5: 8-9 My '66.

The Leninist party, organizer and inspirer of the great victory. A. Rylov. Kryl. red. 16 no. 4: 1-2 Ap '65.

Lessons of history and the memory of the peoples; the 25th anniversary of the attack of Fascist Germany against the Soviet Union. V. Rybnikov. Agitator 34 no. 10: 30-41 My '66.

Let there be happiness and peace on earth! M. Padikov. Neftianik 10 no. 4: 5-6 Ap '65.

Matvei Kuz'min's unforgettable heroism. K. Baranovskiy. Voen.-ist. zhur. 8 no. 5: 61-64 My '66.

A quarter of a century ago. Nikolai Asanov. Grazhd. av. 23 no. 6: 10-11 Je '66.

Those who died for our country. Voen.-ist. zhur. 8 no. 6: 50-57 Je '66.

Twenty-five years ago. A. Grechko. Voen.-ist. zhur. 8 no. 6: 3-15 Je '66.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Fearless commissar. F. P. Shumarin. Vest. protivovoza. obr. no. 5: 92-93 Ap '66.

Let our skies be clear. V. A. Latyshev. Neftianik 10 no. 5: 3-4 My '65.

Skill and courage. E. B. Sorokin. Vest. protivovoza. obr. no. 5: 91 My '66.

WORLD WAR, 1939-1945—AMPHIBIOUS OPERATIONS

Howarth, David Armine. [Dawn of D-day. Translated from the English] Utro v Normandii. Moskva, Voennoe izd-vo, 1965. 178 p. (MID)

WORLD WAR, 1939-1945—BIBLIOGRAPHY see Bibliography—World War, 1939-1945

WORLD WAR, 1939-1945—BIOGRAPHY

[Heroes from the Ural Mountain region] Geroi Priural'ia. Ural'sk, 1965. 75 p. (K 20-letiu Velikoi Pobedy nad fashistskoi Germaniye)

WORLD WAR, 1939-1945—CAMPAIGNS

Assault positions on the banks of the Dnieper. G. Kulshov. Voen.-ist. zhur. 8 no. 6: 16-28 Je '66.

Gladkov, N. N. [They stood to the death] Oni stoyali smert'yu. Moskva, Voennoe izd-vo, 1965. 74 p. (Gerotcheskoe proshloe nashel Rodiny) (CS-II)

Guidance of the armed forces during an offensive military operation. A. Blazhel. Voen.-ist. zhur. 8 no. 4: 73-85 Ap '66.

In the Northwestern part of Brest Province. A. Krupennikov. Voen.-ist. zhur. 8 no. 6: 20-35 Je '66.

Role of armored forces in the operations of encirclement and annihilation. I. Krasnov. Voen.-ist. zhur. 8 no. 4: 24-36 Ap '66.

WORLD WAR, 1939-1945—CHILDREN

Zuhar, Alimbiada, Sofia Sadoluskaia, and Darya Stral'sou. [Operation "Little star"; a documentary tale] Operatsiya "Zorachka"; dokumentalnaya povest'. Minsk, Belarus', 1960. 237 p.

WORLD WAR, 1939-1945—GOVERNMENTS IN EXILE

Leotovich, Bohuslav. [In London during the war; reminiscences on the struggle for a new Czechoslovakia, 1939-1945. Translated from the Czech] V Londone vo vremena volny; vospominaniya o bor'be za novuyu Chekhoslovakiyu 1939-1945. Moskva, IMO, 1968. 252 p.

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

Great achievement of the Soviet people; on the 20th anniversary of the victory over fascist Germany. Azerb. med. zhur. 42 no. 5:3-10 My '65.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Our battles in the Dnieper-Berezina interfluvium. IA, Krel-zor. Voen.-ist. zhur. 8 no. 6:59-65 Je '66.

Soldiers are anxious to see you, dear veterans! P. Batov. Konna. Vooruzh. Sil. 17 no. 11:56-58 Je '66.

They fought for their country. N. Rakita. V mire knig 6 no. 4:9 Ap '66.

War memoirs. V. Nenashov. V mire knig 6 no. 4:9 Ap '66.

WORLD WAR, 1939-1945—PROPAGANDA

The "Freies Deutschland" committee and its propagandistic activities. M. H. Pohrebnyi. Ukr. ist. zhur. 10 no. 5:45-55 My '66.

WORLD WAR, 1939-1945—SECRET SERVICE

In the labyrinth of a secret war (conclusion). A. M. Nekrich. Nov. i novish. ist. no. 3:107-114 '66.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

[Heroes of the underground; the underground struggle of Soviet patriots behind the line of the German fascists occupation forces during the Great Patriotic War] Gerol podpol'n; o podpol'noi bor'be sovetsskikh patriotov v tylu nemelsko-fashistskikh zakhvatnikov v gody Velikoi Otechestvennoi volny. 2., Ispr. i dop. izd. Moskva, Politizdat, No. 1. 1966. 574 p.

Iakovlev, V. P. [Scouts] Razvedchiki. [Izd. 2.] Simferopol', "Krym," 1966. 194 p.

Kazakov, N. P. [When wrath burns hearts; a documentary tale] Kogda gnev obzhigal serdtsa; dokumental'naya povest'. Izd. 2. [Moskva] Mosk. rabochii, 1965. 242 p.

(CST-II)

Mines in the enemy rear. I. Starinov. Tekh. i voen. zhur. 7:4-7 Ji '65.

Shchlenko, A. M. [Militant youth] Iunost' boevaya. Moskva, DOSAAF, 1965. 97 p.

(NJP)

WORMS, INTESTINAL AND PARASITIC

Helminthiasis and pathological aging. N. A. Savchuk. Trudy MOH, Otd. biol. 17:104-110 '66.

Margashvili, G. M. [Helminthic diseases in children] Glistyaze zabolevaniia u detei. Moskva, Znanie, 1966. 30 p. (Narodnyi universitet; Fakul'tet zdorov'ia, no. 10)

Rukhadev, D. P. [Helminths of wild artiodactyl animals of the Crimea and Caucasus in the light of ecology and zoogeography] Gel'mintofauna dikikh parnokopynykh zhivotnykh Kryma i Kavkaza v ekologiko-zoogeograficheskoi osveshchenii. Pod red. N. A. Zolotareva. [Sarátov] Izd-vo Saratovskogo univ., 1964. 448 p.

WORMWOOD

Flowering of the wormwoods Artemisia turanica Krashch. and A. diffusa Krashch. ex Poljak. V. I. Konycheva. Bot. zhur. 51 no. 4:567-570 Ap '66.

WRESTLING

Experts must be trained. A. Mazur. Sov. voen. 48 no. 8:45 Ap '66.

[On a wrestling mat] Na bortsovskom kovre. Moskva, Fizkul'tura i sport, 1966. 170 p.

X-RAY CRYSTALLOGRAPHY

Crystal chemistry of silicates with an apatite-like structure. G. A. Sidorenko. Rent. min. syr. no. 4:39-61 '64.

Crystal chemistry of some minerals of the apatite group. S. V. Borisov, R. F. Klovisova. Rent. min. syr. no. 4:62-68 '64.

Monoclinism of azabelyite. N. I. Organova. Rent. min. syr. no. 4:5-9 '64.

Oxygen adsorption on face (110) of tungsten single crystals. IA, P. Zingerman, V. A. Ishchuk. Fiz. tver. tela 8 no. 3: 912-919 Mr '66.

Regulations for the authors of articles of the yearbook "X-ray examination of mineral raw material." Rent. min. syr. no. 4:213-214 '64.

Structural characteristics of copper-iron and copper-nickel filamentary crystals. S. A. Ammor and others. Fiz. tver. tela 8 no. 3:792-796 Mr '66.

X-ray determination of mixed-layered minerals (hydroblotites) intermediate between biotite and vermiculite. Rent. min. syr. no. 4:135-143 '64.

X-ray investigation of p-ventchilo from halogenic rocks. V. V. Kondrat'eva. Rent. min. syr. no. 4:19-24 '64.

X-ray investigation of some minerals of the hilgardite group. V. V. Kondrat'eva. Rent. min. syr. no. 4:10-18 '64.

X-ray investigation of "tsirkolli" and its analog. Z. V. Pudavkina, IU. A. Platenko. Rent. min. syr. no. 4:25-38 '64.

X-RAY DIFFRACTION EXAMINATION

Characteristics of the diffraction pictures of chalcopyrites of different deposits. I. A. Bud'ko. Rent. min. syr. no. 4:86-91 '64.

Introspect. P. Oshchepkov. Radio no. 4:31-33 Ap '66.

Lower Triassic clay minerals in the middle Don basin. D. S. Zhuteva. Rent. min. syr. no. 4:184-189 '64.

Methods of the determination of the mass coefficients of X-ray absorption. L. L. Zav'yalova, A. S. Ivollon, E. K. Vasil'ev. Rent. min. syr. no. 4:190-194 '64.

Middle Jurassic clay minerals in the Volga Valley portion of Saratov Province. B. K. Gotsuev. Rent. min. syr. no. 4:174-183 '64.

Quantitative and X-ray phase-shift analysis of α - UO_3 admixture to the amorphous modification of UO_3 . L. M. Vidavskii and others. Zhur. neorg. khim. 11 no. 4:929-931 Ap '65.

Standard roentgenograms of breunnerite and pistomesite and dependence of their characteristics on chemical composition. A. A. Nyrkov. Rent. min. syr. no. 4:106-112 '64.

Structure of a complex compound of beryllium chloride with diethyl ether and the nature of structure formation in its other solutions. K. N. Semenenko, N. IA, Turova. Zhur. neorg. khim. 11 no. 5:1009-1012 My '66.

Study of some solid-phase reactions by the method of high-temperature roentgenography. S. A. Stakheeva, E. E. I. Khazanov. Rent. min. syr. no. 4:117-124 '64.

Study of the radial distribution in the roentgenamorphous minerals of the chingulite-hisingerite group. M. D. Doronin, A. I. Sokolov. Rent. min. syr. no. 4:92-96 '64.

Studying the process of hydration and vermiculitization of phlogopite crystals. V. A. Llopo, M. S. Metisk. Rent. min. syr. no. 4:170-173 '64.

Use of absorption microroentgenography for the analysis of mineral mixtures. A. S. Ivollon, E. B. Sel'disheva. Rent. min. syr. no. 4:207-212 '64.

Using intensifying lead screens in electric X-ray diffraction examination. IU. K. Vakauskas. Defektoskopiia 2 no. 2:72-78 '66.

X-ray diffraction study of dislocations in InSb and GaAs single crystals. M. IA, Skorokhod, L. I. Datsenko, A. D. Tkachenko. Fiz. tver. tela 8 no. 3:740-743 Mr '66.

X-ray diffraction study of the systems $\text{CaO} - \text{SiO}_2$ and $\text{Cu}_2\text{O} - \text{SiO}_2$. V. M. Ust'iantsev, L. P. Sudakova, A. F. Besanov. Zhur. neorg. khim. 11 no. 5:1177-1182 My '66.

X-ray study of epidote-orthite group minerals. N. M. Kuinskova, V. A. Khvostova. Geokhimiia 7:650-671 Ji '64.

X-RAY SPECTROSCOPY

Advances in the X-ray spectral fluorescent determination of traces of elements and prospects for its development (survey). E. E. Vainshtein, IU. G. Lavrent'ev. Zhur. anal. khim. 21 no. 4:463-472 '66.

Temperature dependence of the fine structure of X-ray absorption spectra of potassium and chlorine in KCl crystals. E. E. Vainshtein, L. N. Mazanov, E. A. Gal'tsova. Dokl. AN SSSR 168 no. 2:376-378 My '66.

X-ray spectroscopy of the boundary zone in a bimetal. S. R. Maslennikov, S. A. Golovanenko, V. A. Ustinenko. Shor. trudy TSNICHTM no. 42:107-109 '65.

X RAYS

Effect of vacancies and their coagulation on the anomalous transmission of X rays. A. M. Elistratov, L. I. Datsenko. Fiz. tver. tela 8 no. 3:809-815 Mr '66.

Study of the shape and dimensions of molecules of transfer RNA by X-ray dispersion at small angles. V. G. Tumanian, N. G. Esipova, L. L. Kiselev. Dokl. AN SSSR 168 no. 1:211-214 My '66.

Studying the interaction of defects by the method of anomalous X-ray penetration. L. I. Datsenko, O. N. Efimov, A. M. Elistratov. Fiz. tver. tela 8 no. 5:1394-1401 My '66.

X RAYS—EQUIPMENT AND SUPPLIES

Focusing an X-ray camera. M. F. Sokolova. Rent. min. syr. no. 4:195-206 '64.

X RAYS—PHYSIOLOGICAL EFFECT

Effect of general X-ray irradiation on the adenosinetriphosphatase activity of the liver mitochondria in rats. K. P. Khanson. Vop. med. khim. 12 no. 3:256-258 My-Je '66.

Effect of X-ray irradiation on the synthesis of messenger RNA in the early embryogenesis of loach. K. A. Kafiani and others. Biokhimiia 31 no. 2:365-371 Mr-Apr '66.

Role of trauma in the regenerative restoration capacity in the axolotl extremities inhibited by X-ray irradiation. S. IA, Tushkova. Dokl. AN SSSR 168 no. 2:473-476 My '66.

X RAYS—SCATTERING

Small-angle X-ray scattering on the mosaic structure of metals. V. I. Betekhtin, A. I. Slutsker. Fiz. tver. tela 8 no. 3:767-773 Mr '66.

Use of the method of small-angle scattering of X-rays in studying Suzuki atmospheres in copper-aluminum alloys. IA, S. Umanekii, N. V. Chirikov. Dokl. AN SSSR 168 no. 1:87-89 My '66.

X RAYS—SPECTRA

Chemical shift due to screening of the low-lying levels in heavy elements. O. I. Sumbayev and others. Zhur. eksp. teor. fiz. 50 no. 4:861-870 Ap '66.

X RAYS—THERAPEUTIC USE

Convergent X-ray therapy of cancer of the larynx. S. IA, Val'sevich, M. I. Garbuzov, V. O. Kalina. Vest. rent. i rad. 41 no. 2:73-77 Mr-Apr '66.

Effectiveness of grenz-ray irradiation of tumors of the salivary glands during surgery. M. A. Moskalenko. Azerb. med. zhur. 41 no. 6:34-40 Je '64.

Importance of X-ray therapy in the compound treatment of cancer of the thyroid gland. V. I. Ivant'skaya, IA, F. Levin. Vop. onk. 12 no. 5:81-86 '65.

XANTHIC ACID—SPECTRA

Paramagnetic shifts in the nuclear magnetic resonance spectra of some NN-dialkyl dithiocarbamates and Fe(III) alkyl xanthogens. E. E. Zayev, S. V. Lartanov, IU. N. Molin. Dokl. AN SSSR 168 no. 2:341-343 My '66.

XANTHIC ACID—TOXICOLOGY

Experimental analysis of the permissible limit concentration of butyl xanthogenate and cresyl dithiophosphate in the water of reservoirs. IU. T. Loshakov. San. okhr. vod. ot zagr. prom. stoeh. vod. no. 7:166-177 '65.

XENON ISOTOPES

Kinetics of ^{133}Xe absorption by carbon adsorbents from air. A. M. Trofimov, A. M. Pankov, A. P. Kovarskii. Radiokhimiia 8 no. 2:240-245 '66.

XYLENOL ORANGE

Photometric determination of plutonium (IV) in the presence of plutonium (IV) with xylene orange. M. S. Milukova, A. A. Namodruk. Radiokhimiia 8 no. 2:246-248 '66.

XYLITOL

From the experience in the production of xylitol. E. A. Nomanov. Gidroliz. i losokhim. prom. 19 no. 4:23 '66.

XYLOSE

Isolation and study of acetylated xyluronide. V. I. Sharkov, N. I. Kubina, IU. P. Solov'eva. Zhur. prikl. khim. 38 no. 8: 1854-1857 Ag '65.

YAGODNOYE DISTRICT (MAGADAN PROVINCE)—

INTESTINES—DISEASES

Results of controlling intestinal infectious diseases in Yagodnoye District of Magadan Province. D. G. Antimov. Sov. med. 28 no. 9:97-99 S '64.

YAKUT LITERATURE—HISTORY AND CRITICISM

Akademii nauk SSSR. Yakutskii filial, Yakutsk. Institut iazyka, literatury i istorii. [Outline history of Soviet Yakut literature] Ocherki istorii yakutskoi sovetskoi literatury. Moskva, Izd-vo Akad. nauk SSSR, 1966. 104 p.

(ICRL)

YAKUTIA—ARCHIVES

Yakut A. S. S. R. Sovet Ministrov. Arkhivnyi otdel. [Yakut archives; a collection of articles and documents] Yakutskii arkhiv; sbornik statei i dokumentov. Yakutsk, IAKutskoe knizhnoe izd-vo, 1964. 221 p.

(MI)

YAKUTIA—EDUCATION—BIBLIOGRAPHY

Gribanovskii, N. N. [Bibliography of Yakutia] Bibliografiia Iakutii. Iakutsk, IAKutskoe knizhnoe izd-vo Pt. 3. [Public education] Narodnoe prosvetshchenie. 1965 197 p.

YAKUTIA—ENGINEERING GEOLOGY

Regionalization of the Yakut A. S. S. R. for the purpose of engineering geology. IA, IA, Kuuzik. Trudy Lendiro-proekta 2:95-99 '65.

YAKUTIA—GEOLOGICAL TIME

Absolute age of kimberlites in Yakutia. N. N. Sarsadskikh, V. A. Blagov'kina, IU. I. Shilin. Dokl. AN SSSR 168 no. 2:420-423 My '66.

YAKUTIA—GRAPHIC ARTS—EXHIBITIONS

Moscow. Vystavka izobrazitel'nogo iskusstva Iakutskoi ASSR, 1963. [Catalog of the Exhibition of Graphic Art of the Yakut A. S. S. R.] Katalog [Moskva, Sovetskii khudozhnik, 1963]. 16 p. plates.

(MI)

YAKUTIA—KIMBERLITE

Absolute age of kimberlites in Yakutia. N. N. Sarsadskikh, V. A. Blagov'kina, IU. I. Shilin. Dokl. AN SSSR 168 no. 2:420-423 My '66.

YAKUTIA—MOSQUITOES

Seasonal changes in the abundance and diurnal activity rhythm of mosquitoes in a tularemia focus of central Yakutia. V. N. Akuba. Zool. zhur. 45 no. 5:679-686 '66.

YAKUTIA—TULAREMIA

Seasonal changes in the abundance and diurnal activity rhythm of mosquitoes in a tularemia focus of central Yakutia. V. N. Akuba. Zool. zhur. 45 no. 5:679-686 '66.

YALTA—TUBERCULOSIS—HOSPITALS AND SANATORIUMS

The A. P. Chelkhov Sanatorium. N. A. Batmanov. Probl. tub. no. 9:9-11 '64.

YARN—DYEING

Dyeing of a cylindrical layer of yarn by blowthrough and blowthrough combined with blowoff. G. N. Morozov. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:134-139 '66.

YARN—TESTING

Order of sampling and preparation of cuts of blended yarn in determining the efficiency of the blending of heterogeneous fibers. I. G. Rashkovan. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 2:27-31 '66.

YAROSLAVL—STUDENT ACTIVITIES

After classes. N. Kurapova. Nar. obr. no. 5:45-46 My '66.

YAZGHULAMI LANGUAGE

Edelman, D. I. [The Yazghulami language] Iazghulami skil'azyk. Moskva, Nauka, 1966. 216 p.

YEAST

Characteristics of Armenian strains of alcohol-resistant sherry yeast. E. Unanian. Prom. Arm. 9 no. 2:50-52 F '66.

Study of the surface-active properties of alcohol dehydrogenase of yeast by adsorption polarography method. G. B. Bistrickalite, I. D. Ivanov. Dokl. AN SSSR 168 no. 3:694-696 My '66.

YEAST—CULTURES AND CULTURE MEDIA

Effect of various antiseptics and temperatures on the autolysis of yeasts. S. I. Chernykh. Mikrobiol. zhur. 28 no. 2:25-29 '66.

New yeast strains, active biosynthesizers of group B vitamins. D. M. Isakova, E. I. Kvasnykh. Mikrobiol. zhur. 28 no. 2:3-8 '66.

Zabrodskii, A. G. [Producing fodder yeast from molasses stop] Proizvodstvo kormovykh drozhdzhei iz melassnoi barmy. Moskva, Pishchevaia promyshlennost', 1966. 171 p.

YEMEN—DESCRIPTION AND TRAVEL

Gerasimov, O. G., and I. V. Mashin. [In the mountains of Southern Arabia] V gorakh Yuzhnoi Arabii. Moskva, Mysl', 1966. 84 p. (U karty mira)

YENISEY RANGE—GEOLOGICAL TIME

Absolute geochronology of the southern and central areas of the Yenisey Range. E. K. Gerling, I. M. Artemov. Geokhimiia no. 7:610-622 Ji '64.

YENISEY RANGE—GEOLOGY, STRATIGRAPHIC

Separation of the Korda and Gorbilok series in the central part of the Yenisey Range. I. L. Komov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 5:20-23 My '66.

—ANALYSIS

normal and periglacial of Pleistocene sediments. P. P. Gorshkov. Dokl. AN SSSR 168 no. 3:643-646 My '66.

YENISEY VALLEY—BIOLOGY, ECONOMIC

Syrovchikovskii, E. E. [Biological resources of the northern Yenisey] Biologicheskie resursy Eniseiskogo Severa. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1965. 150 p.

YENISEY VALLEY—STONE AGE

A burial ground of the Neolithic period near the village of Raykalovo in the Yenisey Valley. L. P. Khlobystin, I. A. Sher. Krat. soob. Inst. arkh. no. 106:51-54 '66.

YEREVAN see Erivan

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH

Our readers discuss the problems of the aesthetic education of young people. Kommunist 43 no. 8:123-127 My '66.

Zakharchenko, Vasilii. [We are nineteen years old... how old are you? Nam deviatnadtsat'... a vam?] [Moskva, Molodai gvardiia, 1966] 32 p.

YOUTH—EMPLOYMENT

Concern for youth. M. Ovdlenko. Part. zhizn' no. 11: 52-55 Ja '66.

For those who begin their life of work. V. Kochenashov. Part. zhizn' no. 11:20-25 Ja '66.

YTTERBIUM COMPOUNDS

Reaction of nickel orthosulfate with ytterbium orthosulfate. S. A. Babalan. Izv. AN Arat. SSR. Khim. nauk 18 no. 6:621-622 '66.

YTTRIUM—THERMOELECTRIC PROPERTIES

Thermoelectric properties of yttrium. D. S. Goroyl, P. P. Oleinikov. Tsvet. met. 39 no. 5:74 My '66.

YTTRIUM FERRATES—DIELECTRIC PROPERTIES

Initial permittivity of vanadium-substituted yttrium-iron ferrates. S. A. Politnikov. Fiz. tver. tela 8 no. 5:1629-1630 My '66.

YTTRIUM TUNGSTATE

Synthesis and properties of neutral yttrium tungstate. V. E. Plushchev, V. M. Amosov. Zhur. neorg. khim. 11 no. 4:732-737 Ap '66.

YUGOSLAV ART see Art, Yugoslav

YUGOSLAV BALLADS AND SONGS

Yugoslav epic singers and oral tradition in Western Europe. Ramon Menendez Pidal. Izv. AN SSSR. Ser. Lit. i jaz. 25 no. 2:100-117 Mr.-Ap '66.

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia] Nov. lit. po Jug. nos. 3-4 '66.

YUGOSLAVIA—CONSTITUTION

Kardelj, Edvard. [Principles of the preliminary draft of the new constitution for socialist Yugoslavia; excerpts from the report of Edvard Kardelj, Chairman of the Constitutional Committee] O printsiipakh predvaritel'nogo projekta novoi konstitutsii sotsialisticheskoi Jugoslavii; po dokladu Edvarda Kardelja predsedatelja konstitutsionnoi komissii. Beograd, Izd-vo Jugosliavija [1962?] 34 p.

YUGOSLAVIA—FIELD MICE

Occurrence of Apodemus microps Kratochvil et Rosicky, 1952, in Yugoslavia. Zool. zhur. 45 no. 5:784-785 '66.

YUGOSLAVIA—PHILOSOPHICAL RESEARCH

Notes on philosophical studies in Yugoslavia. S. F. Oduev and others. Vop. filoz. 20 no. 5:157-161 '66.

YUGOSLAVIA—WORLD WAR, 1939-1945

Colakovit, Rodoljub. [Notes on the Liberation War in Yugoslavia. Translated from the Serbian] Zapiski ob Osloboditel'noi vojne v Jugoslavii. 2. izd. Pod red. i s predisl. A. D. Sov'anna. Moskva, Progress, 1965. 778 p. map (insert)

ZAILIYSKIY ALATAU see Trans-Ili Alatau

ZALKA, MATE, 1896-1937

General Lukach. A. Rodimtsev. Voen.-ist. zhur. 9 no. 4:85-89 Ap '66.

This is what Mate Zalka was like. Vera Zalka. Sov. vojn 48 no. 8:24 Ap '66.

ZANGEZUR RANGE—GLACIERS

Ancient and recent glaciation of the Zangezur Range in the Lesser Caucasus. M. A. Abasov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 4:100-108 '65.

ZAPOROZH'YE—BAPTISTS

Memorable day in the Zaporozh'ye parish of Evangelical Christians and Baptists. Brat. vest. no. 6:73-75 '65.

ZAPOROZH'YE—CHEMICAL LABORATORIES

Central laboratory of the Zaporozh'ye Coke and Chemical Plant. A. E. Eldel'man, F. Z. Elenskii. Zav. lab. 32 no. 1:125 '66.

ZAPOROZH'YE—FINISHES AND FINISHING

Shop of semifinished products for finishing work. G. Maimulin and others. Stroil. i arkh. 14 no. 4:20 Ap '66.

ZASTAVNA DISTRICT—TUBERCULOSIS—PREVENTION

Experience in the work of a rural antituberculosis dispensary. N. V. Nechitalo. Probl. tub. no. 7:3-5 '65.

ZAYSAN DEPRESSION—PALYNOLOGY

New data of Paleogene and Neogene spore-pollen complexes in the Zaysan Depression (eastern Kazakhstan). L. A. Panova. Trudy VSEGEI 115:41-59 '65.

ZEOLITES

Adsorption properties and secondary porous structure of adsorbents having a molecular sieve effect. Report No. 13: Nature of filling of the primary porous structure of dehydrated zeolite crystals during vapor adsorption. M. M. Dubinin, E. G. Zhukovskaya. Izv. AN SSSR. Ser. khim. no. 5:302-307 '66.

Catalytic properties of some iron-containing zeolites. S. A. Levina, L. M. Malashevich, N. F. Ermolenko. Dokl. AN SSSR 10 no. 4:236-240 Ap '66.

Effect of ion-exchange cations on the adsorption selectivity of zeolite X. V. Bosachek. Dokl. AN SSSR 163 no. 1:126-129 My '66.

Influence of sodium addition on the hydrogenation and hydroalkylation activity of a nickel catalyst on a CaA zeolite. A. M. Okruzhimov, R. I. Zinatov, R. A. Virobians. Neftekhimiia 4 no. 6:850-853 N-D '64.

Kinetics of the oxidative regeneration of zeolites as related to their structure. P. N. Galich and others. Dokl. AN SSSR 168 no. 2:379-381 My '66.

Parameters of the unit cells of some nonexchangeable forms of the synthetic zeolites of the X and A type. G. V. Tshitshvili, T. S. A. Gudzhadze. Rent. msh. syr. no. 4: 113-116 '64.

Vulcanization of butadiene-nitrile rubber with hydrogen sulfide in the presence of di-tert-butyl peroxide introduced on zeolites. O. F. Nosnikov, H. A. Blokh. Dop. AN URSSR no. 4:483-487 '66.

ZERNOGRAD DISTRICT—AGRICULTURAL EXPERIMENT STATIONS—DESIGN AND CONSTRUCTION

The "Donskoy" farmstead is growing and improving. A. Zinovets. Sel'. stroil. 10 no. 4:10-11 Ap '64.

ZHDANOV, LEONID AFANAS'EVICH

Leonid Afanas'evich Zhdanov. V. M. Suslov, A. P. Alekseev. Vest. sel'. khoz. nauki 10 no. 12:129-131 D '65.

ZHDANOV—CONVERTERS—DESIGN AND CONSTRUCTION

Overall assembly of an oxygen-blown converter plant in the Il'ich Plant in Zhdanov. M. Dashevskii, S. Fokzon. Prom. stroil. i inzh. soor. 6 no. 3:5-11 My-Je '64.

ZHDANOV—FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

Overall mechanization at the Zhdanov Industrial Fishery Combine. N. Pameschikova, M. Budyka, G. Kolmykova. Ryb. khoz. 42 no. 4:57-62 '66.

ZHELIABOV, ANDREI IVANOVICH, 1851-1881

A. I. Zhelebov, a member of the "Narodnaia volia" group. A. V. Kleiankin. Vop. ist. 41 no. 5:209-212 My '66.

Prokof'ev, V. A. Zhelebov. [Izd. 2., ispr. i dop.] Moskva, Molodai gvardiia, 1965. 305 p. (Zhizn' zametchatel'nykh liudei. Seriya biografii. no. 23) (CuOTU)

ZHIDKOV, IAKOV IVANOVICH, 1885-

Celebration of the 80th birthday of Iakov Ivanovich Zhidkov, President of the All-Union Council of Evangelical Christians and Baptists. V. Trubina. Brat. vest. no. 6:83-72 '65.

ZHITOMIR—COURTS

Carrying on a conversation started some time ago. K. Revz. Sov. iust. 30 no. 9:15 My '66.

ZHITOMIR PROVINCE—HISTORY

We cooperate with historians. I. Tspirin. Izh. Hotelesk. 43 no. 5:28-29 My '66.

ZHITOMIR PROVINCE—UKRAINIAN NEWSPAPERS

Sources for inspiring themes. A. Opanashuk. Koros. Ukr. 40 no. 5:86-87 My '66.

ZINC

Accelerated method for determining barium and zinc in additives and oils with additives. N. M. Shestakova, Z. P. Toporova. Nefteper. i neftekhim. no. 5:16-18 '65.

Separation of gallium traces from zinc by partition chromatography. I. P. Alimarin, T. A. Bol'ganova. Zhur. anal. khim. 21 no. 4:411-414 '66.

ZINC—ANALYSIS

Complexometric determination of simultaneously present copper and zinc. A. G. Petrenko, B. S. Khristoforov. Metod. izuch. veshch. sost. i ikh prim. no. 1:59-65 '65.

Complexometric determination of zinc in the composition analysis of ores, sinters and slags. A. G. Petrenko, B. S. Khristoforov, L. A. Leonardova. Metod. izuch. veshch. sost. i ikh prim. no. 1:66-72 '65.

Natural content of zinc in vegetable products of Tomsk Province. A. I. Vorob'eva. Vop. pit. 23 no. 4:63-64 Ji-Ag '64.

New quantitative reaction for zinc ion with the use of ammonium benzylidimethylphenyl-chloride. M. H. Haidar, N. M. Derkachova. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 9 no. 1:31-33 '66.

Obtaining zinc orthosulfate and its quantitative determination in the presence of an oxide. B. S. Khristoforov and others. Metod. izuch. veshch. sost. i ikh prim. no. 1:31-39 '65.

ZINC—EFFECT ON PLANTS see Plants, Effect of zinc on

ZINC—METALLURGY

Studying the kinetic characteristics of driving off zinc with the use of natural gas. I. A. Monil'ko, A. A. Babat-zhan, V. V. Revebisov. Tsvet. met. 39 no. 5:41-44 My '66.

ZINC—METALLURGY (Continued)

Thermodynamics and kinetics of the sublimation of zinc sulfide in the presence of a carbon reducing agent. I. M. Tsygoda, V. D. Ponomarev, I. S. Shkaridin. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:39-42 '66.

ZINC—TESTING

Characteristics of the adsorptive softening of polycrystalline zinc in the presence of gallium. V. I. Traskin and others. *Fiz.-khim. mekh. mat.* 1 no. 6:643-647 '66.

Effect of metals dissolved in mercury on the adsorptive softening of zinc. B. D. Sumin, L. V. Ivanova, I. V. Gorimov. *Fiz.-khim. mekh. mat.* 1 no. 6:648-653 '66.

ZINC COMPOUNDS

Inner-complex compounds of zinc with salicylarylamines. I. E. Lempert and others. *Zhur. neorg. khim.* 11 no. 4:939-940 Ap '66.

ZINC CRYSTALS

Effect of the concentration of a cadmium impurity on the substructure of zinc single crystals. I. K. Zasluchuk, D. E. Ovsienko. *Dokl. AN SSSR* 168 no. 1: 80-82 My '66.

ZINC IN THE BODY

Changes in the zinc content and distribution in the pancreas under the influence of alloxan and insulin. I. A. Shevchuk. *Probl. endok. i gorm.* 10 no. 2:103-106 Mr-Ap '64.

ZINC PHOSPHIDES

Grain bait with zinc phosphide for *Microtus (Blanfordimys) agrestis* Thomas control. A. V. Popov and others. *Izv. AN Uzb. SSR. Ser. biol. nauk* no. 2:62-68 '66.

ZINC SELENIDE CRYSTALS—ELECTRIC PROPERTIES

Electric properties of polycrystalline films of cubic zinc selenide. K. V. Shalimova, I. Dima, N. V. Pirogova. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:133-136 '66.

ZINC SILICATES

Selective determination of the forms of zinc silicate. B. S. Khristoforov, A. M. Khristoforova, Z. I. Astapovich. *Metod. izuch. veshch. sost. i kh. prim.* no. 1:40-44 '65.

ZINC SILICON PHOSPHIDE CRYSTALS—SPECTRA

Optical reflection spectra of $ZnSiP_2$ single crystals. I. Kh. Akopjan, L. B. Zlatidn. *Dokl. AN SSSR* 168 no. 3: 547-549 My '66.

ZINC SULFIDE CRYSTALS

Electroacoustic interaction in hexagonal zinc sulfide. A. I. Morozov, I. B. Kobakov, I. I. Kibik. *Fiz. tver. tela* 8 no. 3:805-808 Mr '66.

ZINC SULFIDE CRYSTALS—ELECTRIC PROPERTIES

Some electric characteristics of zinc sulfide single crystals. I. V. Bochkov, A. N. Georgobiani, G. S. Chlalaia. *Fiz. tver. tela* 8 no. 4:1273-1275 Ap '66.

ZINC SULFIDE CRYSTALS—SPECTRA

Emission spectrum of donor-acceptor pairs in zinc sulfide crystals. E. F. Gross, L. G. Sustina. *Fiz. tver. tela* 8 no. 3:872-876 Mr '66.

ZIRCON

Natural correction of the radiation-distorted structure of zircon and its geological significance. B. A. Iunikov. *Geokhimiia* no. 7:623-634 Ji '61.

ZIRCONIUM

Extraction of zirconium and hafnium from hydrochloric acid solutions by means of 8-hydroxyquinolaldehyde and carboxylic acids. N. P. Rudenko, V. N. Avilina, I. N. Kremenskaia. *Zhur. neorg. khim.* 11 no. 4:947-948 Ap '66.

Photometric determination of zirconium in magnesium alloys with the reagent stibazogall II. I. V. Pushinov, A. I. Cherkasov. *Zav. lab.* 32 no. 1:22-23 '66.

Use of cellulose for the sorption of zirconium from diluted solutions (qualitative determination). T. I. Kalinina, N. A. Tutina. *Zhur. prikl. khim.* 38 no. 8:1882-1884 Ag '65.

Using zirconium salts in leather production. K. Gri-gorian. *Prom. Arm.* 9 no. 3:26-30 Mr '66.

Zirconium and hafnium complexonates. A. N. Ermakov, I. N. Marov, G. A. Evtkova. *Zhur. neorg. khim.* 11 no. 5:1155-1160 My '66.

ZIRCONIUM—ELECTRIC PROPERTIES

Electrochemical potentials of zirconium in molten magnesium and strontium chlorides. M. V. Smirnov, V. I. Kudakov. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:71-76 '66.

ZIRCONIUM—METALLURGY

Certain regularities in separating zirconium and hafnium by the method of crystallizing complex fluorides. O. I. Egerev, L. G. Kudriavtseva, A. D. Pogorelyi. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 2:62-70 '66.

ZIRCONIUM COMPOUNDS—SPECTRA

Spectrophotometry of the complex formation of zirconium and hafnium ions with pyrogallol. A. D. Pakhomova, I. A. L. Radiakova, I. A. Shuka. *Zhur. neorg. khim.* 11 no. 5:1101-1106 My '66.

ZIRCONIUM FLUORIDES

Systems $ZrF_3 - Na(K, Rb, Cs)F - H_2O$. I. V. Tananaev, L. S. Guzeva. *Zhur. neorg. khim.* 11 no. 5:1096-1102 My '66.

ZIRCONIUM-NIOBIUM ALLOYS see Niobium-zirconium alloys

ZIRCONIUM OXIDES

Effect of some impurities on the properties of a sintered calcium oxide-stabilized zirconium refractory. L. A. Lutsareva, G. P. Kaliga. *Trudy MKhIT* no. 45:106-111 '64.

ZIRCONIUM OXIDES—THERMAL PROPERTIES

Temperature dependence of the resistance of sintered ZrO_2 with an addition of Cu_2O . N. A. Dereberia. *Izv. vys. ucheb. zav.; fiz.* 9 no. 2:177-179 '66.

ZIRCONIUM PHOSPHATES

Zirconium polyphosphate as an inorganic ion exchanger. E. S. Boichinova, D. A. Sokolova. *Zhur. prikl. khim.* 38 no. 8:1732-1735 Ag '65.

ZMEINKA (RYAZAN PROVINCE)—BUILDING MATERIALS INDUSTRY

Is the director right? I. Korshunov. *Agitator* 34 no. 11: 13-16 Je '66.

ZONE MELTING

Certain aspects of the crystallization of an ingot following electric slag remelting. Report No. 1. I. I. Afanas'ev and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 5: 73-77 '66.

Effect of the cooling conditions on the process of zone melting. E. K. Chaplygina, I. K. Molokanov. *Plast. massy* no. 5:35-36 '66.

ZOOBENTHOS see subdivision under Caspian Sea

ZOOGEOGRAPHY

Comprehensive analysis of fauna and animal population. N. N. Drozdov. *Vest. Mosk. un. Ser. 5:Geog.* 20 no. 2: 50-55 Mr-Ap '65.

ZOOLOGY see subdivision under Ukraine; Vietnam, North

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Significance of the polytomous principle in the taxonomy of animals and plants. P. Kh. Kiskin. *Vred. i polez. fauna bespozv. Mold.* no. 2:30-38 '65.

ZOONOSES

Heretic past of Russian epizootology. V. I. Kalugin. *Veterinaria* 43 no. 5:110-111 My '66.

ZOOPLANKTON

Characteristics of the formation and development of zooplankton in reservoirs of the U.S.S.R. G. B. Mel'nikov. *Gidrobiol. zhur.* 2 no. 2:56-54 '66.

ZORIAN, STEFAN EGIEVICH, 1890-

A writer dearly loved by the people. L. Kiranosian. *Agitator* 34 no. 10:10-11 My '66.

ZVENIGOROD DISTRICT—DAIRYING

The collective farm milk plant. *Sel'. stroi.* 18 no. 4: 26 Ap '64.

Monthly Index *of* Russian Accessions



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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

• Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

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* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.	CaOTR	Royal Canadian Institute, Toronto, Canada.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.		(Collection included with CaOTU)
AU	University of Alabama, University	CaOTRM	Royal Ontario Museum, Zoology and Paleontology Library, Toronto, Canada
AzTeS	Arizona State College, Tempe	CaOTU	University of Toronto, Toronto, Canada
AzU	University of Arizona, Tucson	CaOWA	Assumption University Library, Windsor, Canada
C	California State Library, Sacramento	CaQMAI	Arctic Institute of North America, Montreal, Canada
CBPac	Pacific School of Religion, Berkeley	CaQMRM	Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal, Canada
CCC	Honold Library, Claremont, Calif.	CaQMM	McGill University, Montreal, Canada
CPS	Fresno State College, Fresno, Calif.	CaQMU	La Bibliothèque de l'Université de Montréal, Montreal, Canada
CL	Los Angeles Public Library	CaSSU	University of Saskatchewan, Saskatoon, Canada
CLCM	Los Angeles County Museum Library, Los Angeles	CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CLL	Los Angeles County Law Library, Los Angeles	CoD	Denver Public Library
CLM	Los Angeles County Medical Association, Los Angeles	CoDM	Medical Society of the City and County of Denver
CLSU	University of Southern California, Los Angeles	CoES	Colorado State University, Fort Collins
CLSU-H	Hancock Library of Biology	CoU	University of Colorado, Boulder
CU	University of California at Los Angeles	CHT	Trinity College, Hartford, Conn.
CMHhL	University of California, Lick Observatory, Mount Hamilton	CH	University of Connecticut, Storrs
CPT	California Institute of Technology, Pasadena	CIW	Wesleyan University, Middletown, Conn.
CSF	San Francisco Public Library	CIY	Yale University, New Haven
CSFA	California Academy of Sciences, San Francisco	CIY-L	Law Library
CSU	University of San Francisco, San Francisco	CIY-M	Medical School Library
CSmH	Henry E. Huntington Library, San Marino, Calif.	DALA	American Institute of Architects Library, Washington, D. C.
CSI	Stanford University Libraries, Stanford, Calif.	DAL	U. S. Army Library, Pentagon Building
CSH	The Hoover Institution on War, Revolution, and Peace	DRC	U. S. Bureau of the Census Library
CSH-L	Lane Medical Library	DBS	U. S. National Bureau of Standards Library
CSthS	University of California, Santa Barbara Library, Goleta	DC	U. S. Department of Commerce Library
CSTmoR	Rand Corporation, Santa Monica, Calif.	DCU	Catholic University of America Library, Washington, D. C.
CU	University of California, Berkeley	DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
CU-A	University of California, Davis	DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
CU-B	Bancroft Library, Berkeley	DEF	Board of Governors of the Federal Reserve System
CU-E	East Asiatic Library, Berkeley	DGC	Gallaudet College Library, Washington, D. C.
CU-L	Law Library, Berkeley	DHEW	U. S. Department of Health, Education, and Welfare Library
CU-M	Medical Center, San Francisco	DHFF	U. S. Housing and Home Finance Agency Library
CU-Riv	College of Arts, Letters and Science, Riverside	DI	U. S. Department of the Interior Library
CU-S	Scripps Institution of Oceanography, La Jolla	DI-GS	Geological Survey Library
CaABU	University of Alberta, Edmonton, Canada	DM	U. S. Bureau of Mines Library. (Library integrated with DI)
CaBYu	Vancouver Public Library, Vancouver, Canada	DN	U. S. Department of the Navy Library.
CaBYaU	University of British Columbia, Vancouver, Canada	DN-HO	Naval Oceanographic Office Library
CaBYIPA	Provincial Archives, Victoria, Canada	DN-JB	Naval Observatory Library
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada	DN-RI	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
CaNBPU	University of New Brunswick, Fredericton, Canada	DNAL	National Agricultural Library
CaOKQ	Queen's University, Kingston, Canada	DNHI	National Institutes of Health Library, Bethesda, Md.
CaOL	London Public Library, London, Canada	DNLM	U. S. National Library of Medicine
CaOLU	University of Western Ontario, London, Canada	DNW	U. S. National War College Library, Fort McNair
CaOQA	Public Archives Library, Ottawa, Canada	DP	U. S. Patent Office Library
CaOQAg	Department of Agriculture, Main Library, Ottawa, Canada	DS	U. S. Department of State Library
CaOQCC	Carleton College, Ottawa, Canada	DSC	Scottish Rite Supreme Council Library, Washington, D. C.
CaODF	Department of Finance Library, Ottawa, Canada	DSI	Smithsonian Institution Library, Washington, D. C.
CaOOG	Geological Survey of Canada, Ottawa, Canada	DSI-AO	Astrophysical Laboratory Library
CaOQGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada	DSI-E	Bureau of American Ethnology Library
CaOQH	Laboratory of Hygiene, Ottawa, Canada	DSI-M	National Museum Library
CaOOM	Bureau of Mines Library, Ottawa, Canada	DWB	U. S. Weather Bureau Library
CaOON	National Research Council, Ottawa, Canada	DeU	University of Delaware, Newark
CaOONDR	Library, Directorate of Scientific Information Service, Defence Research Board, Ottawa, Canada	FMU	University of Miami, Coral Gables, Fla.
CaOONM	National Museum, Ottawa, Canada	FTASU	Florida State University, Tallahassee
CaODS	Dominion Bureau of Statistics, Ottawa, Canada	FU	University of Florida, Gainesville
CaODU	University of Ottawa, Ottawa, Canada		
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada		

GAT	Georgia Institute of Technology, Atlanta	MH-Mi	— Mineralogical Library
GEU	Emory University, Atlanta	MH-O	— Astronomical Observatory, the Phillips Library
GU	University of Georgia, Athens	MH-P	— Peabody Museum Library
HU	University of Hawaii, Honolulu	MH-PR	— Physics Research Library
HU-EWC	Center for Cultural and Technical Interchange between East and West	MH-SD	— Graduate School of Design Library
I	Illinois State Library, Springfield	MH-Z	— Museum of Comparative Zoology Library
IArg	Argonne National Laboratory, Argonne, Ill.	MMeT	Tufts University, Medford, Mass.
IC	Chicago Public Library	MNS	Smith College, Northampton, Mass.
ICA	Art Institute of Chicago, Chicago	MshM	Mount Holyoke College, South Hadley, Mass.
ICAC	American College of Surgeons Library, Chicago	MWalB	Brandeis University, Waltham, Mass.
ICF	Chicago Natural History Museum, Chicago	MWelC	Wellesley College, Wellesley, Mass.
ICJ	John Crerar Library, Chicago	MWhB	Marine Biological Laboratory, Woods Hole, Mass.
ICN	Newberry Library, Chicago	MdAN	U. S. Naval Academy, Annapolis
ICRL	Center for Research Library, Chicago. Midwest Interlibrary Center	MdBJ	Johns Hopkins University, Baltimore
ICU	University of Chicago, Chicago	MdBJ-W	— William H. Welch Medical Library
ICU-Y	Yerkes Observatory, Williams Bay, Wis.	MdBWA	Walters Art Gallery, Baltimore
ICarBS	Southern Illinois University, Carbondale	MdU	University of Maryland, College Park
IEN	Northwestern University, Evanston, Ill.	MeB	Bowdoin College, Brunswick, Maine
IEN-C	— Joseph Schaffner Library of Commerce, Chicago	MeWC	Colby College, Waterville, Maine
IEN-M	— Medical School Library, Chicago	MID	Detroit Public Library
IHi	Illinois State Historical Library, Springfield	MiDA	Detroit Institute of Arts
IU	University of Illinois, Urbana	MIDW	Wayne State University, Detroit
IU-M	— Medical Sciences Library, Chicago	MiEM	Michigan State University, East Lansing
IaAS	Iowa State University of Science and Technology, Ames	MiMidD	Dow Chemical Company, Midland, Mich.
IaU	State University of Iowa, Iowa City	MiU	University of Michigan, Ann Arbor
IaU-L	— College of Law Library	MiU-C	— William L. Clements Library
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho	MiU-L	— Law Library
IdU	University of Idaho, Moscow	MiWar	General Motors Corporation, Research Laboratories Division, Warren, Mich.
In	Indiana State Library, Indianapolis	GMR	James Jerome Hill Reference Library, St. Louis
InLA	Indiana Academy of Science Library, Indianapolis	MnSJ	University of Minnesota, Minneapolis
InLP	Purdue University, Lafayette, Ind.	MnU	— Department of Agriculture Library, St. Louis
InND	University of Notre Dame, Notre Dame, Ind.	MnU-A	— Bio-Medical Library
InU	Indiana University, Bloomington	MnU-B	— Law Library
KAS	St. Benedict's College, Atchison, Kan.	MnU-L	Central College, Fayette, Mo.
KMK	Kansas State University, Manhattan	MoFC	Linda Hall Library, Kansas City
KU	University of Kansas, Lawrence	MoKL	University of Missouri School of Mines and Metallurgy, Rolla
KU-L	— School of Law Library	MoRM	St. Louis Public Library
KU-M	— Medical Center Library, Kansas City	MoS	Missouri Botanical Garden, St. Louis
KyU	University of Kentucky, Lexington	MoSB	St. Louis University, St. Louis
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.	MoSU	Washington University, St. Louis
LU	Louisiana State University, Baton Rouge	MoSW	— Medical School Library
MA	Amherst College, Amherst, Mass.	MoSW-M	University of Missouri, Columbia
MB	Boston Public Library	MoU	Mississippi State University, State College
MBA	American Academy of the Arts and Sciences, Boston	MsSM	University of Mississippi, Oxford
MBat	Boston Athenaeum, Boston	MsU	Montana State College, Bozeman
MBM	Boston Medical Library, Boston	MtBC	Montana State University, Missoula
MBN	Boston Society of Natural History, Boston	MtU	New York State Library, Albany
MBU	Boston University	N	Wells College, Aurora, New York
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.	NAurW	Brooklyn Public Library
MCM	Massachusetts Institute of Technology, Cambridge, Mass.	NB	Brooklyn Museum Libraries, Brooklyn
MH	Harvard University, Cambridge, Mass.	NBB	Brooklyn College, Brooklyn
MH-A	— Arnold Arboretum, Jamaica Plain	NBC	Brooklyn Botanic Garden, Brooklyn
MH-AH	— Andover-Harvard Theological Seminary Library	NBG	Academy of Medicine of Brooklyn Library, Brooklyn
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.	NBM	
MH-BL	— Biological Laboratories Library	NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
MH-C	— Chemistry Library	NBuB	Buffalo Society of Natural Sciences, Buffalo
MH-F	— Farlow Reference Library	NBuU	University of Buffalo, Buffalo
MH-FA	— Fogg Art Museum Library	NCH	Hamilton College, Clinton, N. Y.
MH-G	— Gary Herbarium Library	NCornic	Corning Glass Works Library, Corning, N. Y.
MH-GM	— Gordon McKay Library	NCsC	Carnegie Institution, Department of Geology, Cold Spring Harbor, N. Y.
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)	NIC	Cornell University, Ithaca, N. Y.
MH-L	— Law School Library	NIC-A	— State Colleges of Agriculture and Home Economics
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston	NN	New York Public Library
		NNA	American Geographical Society, New York
		NNBG	New York Botanical Garden, Bronx Park, New York
		NNC	Columbia University, New York
		NNC-L	— Law Library
		NNC-M	— Medical Library
		NNC-T	— Teachers College Library

NNCC	Chemists' Club, New York	OSte	Carnegie Library, Steubenville, Ohio
NNCoCi	College of the City of New York, New York	OU	Ohio State University, Columbus
NNCorM	Cornell University Medical College Library, New York	OUCA	Chemical Abstracts, Ohio State University, Columbus
NNE	Engineering Societies Library, New York	OkS	Oklahoma State University, Stillwater
NNF	Fordham University, New York	OkU	University of Oklahoma, Norman
NNIS	Library for Intercultural Studies, New York	OrCS	Oregon State University, Corvallis
NNJ	Jewish Theological Seminary of America, New York	OrPR	Reed College, Portland, Ore.
NNM	American Museum of Natural History, New York	OrU	University of Oregon, Eugene
NNMM	Metropolitan Museum of Art Library, New York	P	Pennsylvania State Library, Harrisburg
NNNAM	New York Academy of Medicine, New York	PBL	Lehigh University, Bethlehem, Pa.
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York	PBm	Bryn Mawr College, Bryn Mawr, Pa.
NNR	Russell Sage Foundation, College of the City of New York	PHC	Haverford College, Haverford, Pa.
NNRI	Rockefeller Institute for Medical Research, New York	PLF	Franklin and Marshall College, Lancaster, Pa.
NNU	New York University Libraries, New York	PP	Free Library of Philadelphia
NNU-H	— University Heights Library	PPAN	Academy of Natural Sciences, Philadelphia
NNU-M	— Bellevue Medical Center Libraries (Includes Neuropsychiatric Library)	PPAmP	American Philosophical Society, Philadelphia
NNU-W	— Washington Square Library	PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
NNUN	United Nations Library, New York	PPC	College of Physicians of Philadelphia
NPV	Vassar College, Poughkeepsie, N. Y.	PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
NRE	Eastman Kodak Company, Rochester, N. Y.	PPF	Franklin Institute, Philadelphia
NRU	University of Rochester, Rochester, N. Y.	PPLas	La Salle College, Philadelphia
NSyU	Syracuse University, Syracuse, N. Y.	PPPM	Philadelphia Museum of Art
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.	PPT	Temple University, Philadelphia
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.	PPUC	Union Library Catalogue of the Philadelphia Metropolitan Area, Philadelphia
NYHi	International Business Machines Corporation, Thomas J. Watson Research Center, Yorktown Heights, New York	PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
NbU	University of Nebraska, Lincoln	PPi	Carnegie Library of Pittsburgh, Pittsburgh
NcD	Duke University, Durham, N. C.	PPiCi	Carnegie Institute of Technology, Pittsburgh
NcGW	Woman's College of the University of North Carolina, Greensboro	PPiU	University of Pittsburgh, Pittsburgh
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh	PRosC	Rosemont College, Rosemont, Pa.
NcU	University of North Carolina, Chapel Hill	PSC	Swarthmore College, Swarthmore, Pa.
NcU-H	— Division of Health Affairs. (North Carolina Memorial Hospital)	PSt	Pennsylvania State University, University Park
NdU	University of North Dakota, Grand Forks	PU	University of Pennsylvania, Philadelphia
Nh	New Hampshire State Library, Concord	PU-BZ	— Botany-Zoology Library
NhD	Dartmouth College, Hanover, N. H.	PU-EI	— Moore School of Electrical Engineering Library
NhU	University of New Hampshire, Durham	PU-FA	— School of Fine Arts Library
NJI	Irrington Free Public Library, Irvington, N. J.	PU-Math	— Mathematics-Physics Library
NjMuA	Air Reduction Company, inc., Central Research Department Library, Murray Hill	PU-Mu	— University Museum Library
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.	PU-Penn	— Penniman Library of Education
NjN	Newark Public Library, Newark, N. J.	PU-Se	— Towne Scientific School Library
NjP	Princeton University, Princeton, N. J.	RPB	Brown University, Providence, R. I.
NjPT	Princeton Theological Seminary, Princeton, N. J.	RU	University of Rhode Island, Kingston
NjR	Rutgers University, New Brunswick, N. J.	ScU	University of South Carolina, Columbia
NmUpU	New Mexico State University of Agriculture, Engineering and Science, University Park	TCU	University of Chattanooga, Chattanooga, Tenn.
NvU	University of Nevada, Reno	TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
O	Ohio State Library, Columbus	TOU	Oak Ridge Associated Universities, Oak Ridge, Tenn.
OCH	Hebrew Union College, Cincinnati	TU	University of Tennessee, Knoxville
OCLloyd	Lloyd Library and Museum, Cincinnati	TxCM	Agricultural and Mechanical College of Texas, College Station
OCU	University of Cincinnati, Cincinnati	TxDaM	Southern Methodist University, Dallas
OCi	Cleveland Public Library	TxHR	Rice Institute, Houston
OCIBHS	Benedictine High School, Cleveland	TxLT	Texas Technological College, Lubbock
OCICS	Case Institute of Technology, Cleveland	TxU	University of Texas, Austin
OCiJC	John Carroll University, Cleveland	ULA	Utah State University of Agriculture and Applied Science, Logan
OCIM	Cleveland Medical Library	UPB	Brigham Young University, Provo, Utah
OCIMA	Cleveland Museum of Art	ViBibV	Virginia Polytechnic Institute, Blacksburg
OCiW	Western Reserve University, Cleveland	ViU	University of Virginia, Charlottesville
OCoB	Battelle Memorial Institute, Columbus	ViU-L	— Law Library
ODW	Ohio Wesleyan University, Delaware, Ohio	ViW	College of William and Mary, Williamsburg
OH	Ohio State Historical Society, Columbus	VtMIM	Middlebury College, Middlebury, Vt.
OKentC	Kent State University, Kent, Ohio	ViU	University of Vermont and State Agricultural College, Burlington
OO	Oberlin College, Oberlin, Ohio	WAP	Institute of Paper Chemistry, Appleton
OOxM	Miami University, Oxford, Ohio	WHi	State Historical Society of Wisconsin, Madison
		WU	University of Wisconsin, Madison
		Wau	University of Washington, Seattle
		WvU	West Virginia University, Morgantown
		WyU	Wyoming University, Laramie

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PART A - MONOGRAPHIC WORKS

1. GENERAL.

[CALENDAR-REFERENCE BOOK FOR PERM PROVINCE, 1966] Kalendar'-spravochnik Permskoi oblasti 1966. Perm', Perm'skoe knizhnoe izd-vo, 1965, 199 p.

IRKUTSK, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [Collection of postgraduate papers: philosophy, history, and literary studies] Sbornik nauchnykh rabot: filosofiya, istoriya, literatura-vedenie. Irkutsk, 1964. 274 p. (CR-II)

KHUBINEV, UNIVERSITET. [Scientific session of the professors, instructors, and coworkers of the University, devoted to the results of research activity in 1964; summaries of reports] Nauchnaya sessiya professorov-prepodavatelevskogo sostava i sotrudnikov Universiteta, posvyashchennaya itogam nauchnoi delatelnosti za 1964 god; tezisy dokladov. Khabinev, 1965. 463 p. (RPI)

MOSCOW, VSEKHOZUZYNI INSTITUT NAUCHNOI I TEKHNIЧЕСКОЙ ИНФОРМАЦИИ. [Subject index to the changes of the abstracts journal of the All-Union Institute of Scientific and Technical Information] Predmetnyi ukazatel' k rubrikatoru referativnogo zhurnala VINITI. Moskva, 1966. 370 p.

ODESSA, UNIVERSITET. [Anniversary session dedicated to the centenary of the I.I. Mechnikov Odessa State University; philological sciences, education, and psychology (theses of the reports, May 10-10, 1965)] Iuvileina naukova sessiya, pryvnyachena 100-ricchchiu Odes'koho derzhavnogo universytetu im. I.I. Mechnikova; filologichni nauki, pedagogika ta psichologiya (tezy dopovidel', 10-10 travnia 1965 r.). Odessa, 1965. 81 p.

ODESSA, UNIVERSITET. [Anniversary session dedicated to the centenary of the I.I. Mechnikov Odessa State University; physics and mathematical sciences, astronomy, geography and geology (theses of the reports, May 26-27, 1965)] Iuvileina naukova sessiya, pryvnyachena 100-ricchchiu Odes'koho derzhavnogo universytetu im. I.I. Mechnikova; fiziko-matematichni nauky, astronomiya, geografika ta geologiya (tezy dopovidel', 26-27 travnia 1965 r.). Odessa, 1965. 60 p.

ODESSA, UNIVERSITET. [Anniversary session dedicated to the centenary of the I.I. Mechnikov Odessa State University; social and historical sciences, jurisprudence (theses of the reports, May 18-10)] Iuvileina naukova sessiya, pryvnyachena 100-ricchchiu Odes'koho derzhavnogo universytetu im. I.I. Mechnikova; sotsiial', istorychni ta iurydychni nauky (tezy dopovidel', 18-10 travnia). Odessa, 1965. 102 p.

SYRACUSE, NEW YORK, BIKOLA UKRAINOZNAVSTVA IM. LEBE UKRAINKY. [Flower of the Ukraine; an almanac published by the Leada Ukrainian School of Ukrainian Studies in Syracuse, 1954-1964] Tsvit Ukrainy; al'manakh... 1954-1964. Syracuse, Vyd-vo Biko-ly ukrainoznavstva im. Leada Ukrainky, 1965. 81 p.

2. BIBLIOGRAPHY

AKADEMIYA NAUK SSSR, Moskva. Fundamental'naya biblioteka. [A bibliography of the transactions published by the personnel of the departments of the Academy of Sciences of the White Russian S.S.R., 1961-1963] Bibliografiya trudov sotrudnikov uchrezhdenii Akademii nauk SSSR, 1961-1963 g.g. Moskva, 1965. 469 p.

GASS, I. V. [Classification of literature in geology; problems of methodology] Klassifikatsiya literatury po geologii; voprosy metodiki. Pod red. M. S. Filipova. Leningrad, DAN, 1966. 125 p.

GORNACHEVSKII, B. S. [From the first printed line] S pervoi pechatnoi stroki. Moskva, Znaniye, 1964. 94 p. (VU)

GOVOROV, A. A. [History of bookselling; a textbook for secondary schools in bookbinding and cooperative trade] Istoriya khizhnol' torgovli; uchebnoye posobie dlia knigo-torgovykh i kooperativnykh tekhnikumov. Moskva, Kolga, 1966. 263 p.

IVENSKII, N. G. [The art of the bookplate] Iskustvo khizhnogo znaka. Leningrad, Khudozhnik USSR, 1966. 110 p. Ilus.

[LITERATURE ON THE KOMI A. B. S. R. FOR 1964] Literatura o Komi ASSR za 1964 god. Syktyvkar, Komi knizhnoe izd-vo, 1965. 163 p.

LOSKUTOVA, T. I. [Flowers of the good, the immortal] Sotveti dobrego, vechnogo. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1964. 60 p. (CR-II)

MEZHODUNARODNOE SOVEICHANIE PO VOPROSAM O SOTRUDNICHESTVE MEZHDU BIBLIOTEKAMI V OBLASTI KOMPLEKTOVANIYA FONDОВ ЗАРУБЕЖНО-ГО ЛИТЕРАТУРЫ. Prague, 1965. [International Conference on the Problem of Library Cooperation in the Development of Collections of Foreign Literature] Mezhdunarodnoe soveshchaniye po voprosu o sotrudnichestve mezhdu bibliotekami v oblasti komplektovaniya fondov zarubezhnoi literatury. Prague, Gos. biblioteka CSSR, 1965. 77 p.

MOSCOW, PUBLICHNAIA BIBLIOTEKA. [Library and bibliographic classification; tables for scientific libraries] Bibliotечно-bibliograficheskaya klassifikatsiya; tablitsy dlia nauchnykh bibliotek. Moskva, Kolga. No. 19. [Ch. Culture, science, education] Ch. Kul'tura, nauka, prosveticheniye. 1966. 326 p.

MOSCOW, UNIVERSITET. Biblioteka. Metodicheskiy kabinet. [Combined plan of the bibliographical work of the libraries of institutions of higher learning for the years 1959-1965, and information on its progress] Svedeniya plan bibliograficheskikh rabot vuzovskikh bibliotek na 1959-1965 gg. i svedeniya o kheshego vypolneniya. Moskva, 1963. 90 p.

[OUR MUTUAL FRIEND; from the practice of library work] Nash obshchii drug; iz opyta biblioteknoi raboty. Frunze, Kirgizskoe gos. izd-vo, 1962. 126 p. (RU)

REZNIKOV, N. G. [Organization and technique of the book trade; with fundamentals of accounting and planning] Organizatsiya i tekhnika knizhnol' torgovli; a osnovaniya scheta i planirovaniya. Moskva, Kolga, 1965. 271 p. (MU)

3. PHILOSOPHY & RELIGION

AKADEMIYA NAUK SSSR, Institut filosofii. [Aesthetics and art; from the history of pre-Marxist aesthetic thought] Estetika i iskusstvo; iz istorii domarksalisticheskoi esticheskoi mysli. Moskva, Nauka, 1966. 368 p.

ANDREEV, I. M. [The excommunication of Leo Tolstoy by the Orthodox Church] Otkhachenie L'va Tolstogo ot Pravoslavnoy Tserkvi. Jordaniya, N. Y., Russian Orthodox Monastery, 1961. 16 p. (RC)

ANISHCHIKOVA, A. F. [Spiritual life of primitive society] Dukhovnaya zhizn' pervobytnogo obshchestva. Moskva, Nauka, 1966. 241 p.

BARACHEV, I. N. [Savior of the world; the gospel for children] Spasitel' mira; evangeley dlia detei. Roma, Let-vo Sava, 1966. 88 p. (CU)

BOI-SHAKOV, S. [Saint Nil Sorskii] Prepodobnyi Nil Sorskii. Paris, Le Conseil de l'Exarchat, 1960. P. 46-58. (CU)

[CURRENT PROBLEMS IN HISTORICAL MATERIALISM; talks on current problems of science] Aktual'nye voprosy istoricheskogo materializma; besedy po aktual'nym problemam nauki. Moskva, Znaniye, 1966. 45 p. (Novoe v khizni, nauke, tekhnike. II Seriya: Filosofiya, no. 11)

ENGELS, FRIEDRICH. [The holy family or, Critique of critical critique against Bruno Bauer and company. Translated from the German] Svlyato shchastlyvo, albo krytyka krytychnoi krytyky proty Bruno Bauera i kompanii. Kyiv, Derzh. vyd-vo patk. lit-ry USSR, 1966. 233 p. (CU)

FLEGINSKAYA, I. V. [A pilgrimage to the Holy Land in 1964] Palomnichestvo na Svlyatuu Zemlu v 1964 godu. New York, 1966. 87 p.

GURMAN, I. I. [Wherein lies the essence of freedom of conscience?] V chom sushchestvo? svobody sovesti? Moskva, Mysl', 1964. 96 p.

GRABBE, GEORGH. [Collected works] Sbraniye sochinenii. New York. Vol. 1. 1964. 1 v. (RU)

HAVERLYUK, P. I. [What are the laws of beauty? Shcho taku zakony knyasy. Kyiv, Poltitsidat Ukrainy, 1966. 86 p.

IGNATI, Hr. of Caucasus and Chernomors'ye. [From the works of Bishop Ignatius (Irlarchantsev)] Iz nachinnykh epistol Ignatii (Irlarchantseva). Jordaniya, N. Y., Holy Trinity Monastery. Vol. 1. 1962. 1 v. (CU)

IALEVYCH, A. D. [Brotherhoods and their role in the development of Ukrainian culture from the 16th to the 18th centuries] Bratstva ta ykh rol' v rozvytku ukrains'koi kul'tury XVI-XVIII st. Kyiv, Vyd-vo Naukova dumka, 1966. 248 p.

KALANDARISHVILI, G. M. [Problem of the reflection of movement in the logic of concepts] Problema odrazheniya dvizheniya v logice poimati. Tbilisi, Metsnereba, 1966. 166 p.

KOLONITSKII, P. F. [A word about the law of God; talks on religious morality] Slovo o zakone bozhe'm; besedy o religioznoi pravovennosti. [Moskva] Mosk. rabochi, 1966. 142 p.

LELOTE, FERNAND. [Solution of the problem of life; the Christian worldview. Translated from the French] Resheniye problemy zhizni; khristianskoe mirovoprenenie. Brumel's, Zheneva i Pariz, 1959. 300 p. (CU)

[NATURAL SCIENCES AND RELIGION] Luchshobudovaniya religioza. Tallinn, Eesti Raamat, 1966. 64 p. [In Estonian]

HEINFEI'DT, B. K. [Dialectics of the process of cognition] Dialektika protsessu poznaniya. Tomskar-tika, Povolzhskii knizhnikh. h-t, 1964. 88 p. (CR-II)

STOLI, HEINRICH ALEXANDER. [The cave by the Dead Sea. Abridged translation from the German] Pechera u Mertvogo moria. Moskva, Nauka, 1965. 265 p. (MU)

STROSSMAYER, JOSEF JURAJ, Bp. [On the vicar and infallibility of the Pope] O natsionichestvo i nepograshchennosti Pap. New York, Izd. "Svetskozhuga novya Karpatok Rusi," 1964. 32 p. (MU)

VAKHOMIN, N. K. [The laws of knowledge] Zakony znaniya - zakony poroznaniya. Moskva, Nauka, 1966. 166 p.

VARSHAVSKII, A. S., and K. M. PONICHEVA. [Famous heretics] Velikiye ereiki. Moskva, Detskaya literatura, 1965. 222 p.

4. HISTORY

- AINUTDINOV, S.KH. [There were no retreats] Otsuplenii ne bylo. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 78 p. (CSI-II)
- AKADEMIYA NAUK GRUZINSKOI SSR, Tbilisi. Institut rukopisei. [Some Georgian historical documents of the 14th to the 18th centuries] Neskol'ko gruzinskikh istoricheskikh dokumentov XIV-XVIII vv. Tbilisi, Metsniereba, 1964. 151 p. [In Georgian] (MH)
- AKADEMIYA NAUK SSSR. Bashkirskii filial, Ufa. Institut istorii, iazyka i literatury. [Archaeology and ethnography of Bashkiria] Arkheologiya i etnografiya Bashkiri. Pod red. R.G. Kuzeeva i K.V. Salnikova. Ufa, Bashkirskoe knizhnoe izd-vo. Vol. 2. 1964. 281 p.
- AKADEMIYA NAUK SSSR. Institut istorii. [Complete collection of Russian chronicles] Polnoe sobranie russkikh letopisei. Moskva, Nauka. Vol. 14. [1. "Tale of the honorable life of Fedor Ivanovich, Tsar and Grand Duke of Russia." 2. "The new chronicles." 3. Index to the Patriarch of Nikon chronicle (vols. 9-14)] 1. "Povest' o chestnom zhitii tsaria i velikogo kniazia Fedora Ivanovicha vseia Rusi." 2. "Novyi letopisets." 3. Ukazateli k Nikonovskoi letopisi (IX-XIV vv.). 1965. 154, 285 p.
- AKADEMIYA NAUK SSSR. Institut istorii. [History and historians; the historiography of world history; Istoriia i istoriki; istoriografiia vseobshchei istorii. Sbornik statei. Moskva, Nauka, 1966. 398 p.
- AKADEMIYA NAUK SSSR. Institut istorii. [The recent history of Western Europe and America, 1939-1945] Novelsiata istoriia stran Zapadnoi Evropy i Ameriki, 1939-1945. Moskva, Mysl'. Vol. 2. 1966. 556 p. [Map inserts] Karty - vkladki.
- ALEKSANDROV, N.I. [The Sevastopol armored train; a documentary tale] Sevastopolskii bronepoezd; dokumental'naiia povest'. Simferopol', Krym, 1966. 277 p.
- ALEKSANDROVSKII, P.I., and A.N. EGOROV. [Partisan Frits] Partizan Frits. [Moskva] Motodala gvardiia, 1965. 155 p. (Chest', otvaga, muzhestvo) (CSI-H)
- ALEKSEEV, I.U.G. [Agrarian and social history of northeastern Russia, the 15th-16th centuries; Pereiaslav County] Agrarnaia i sotsial'naiia istoriia Severo-Vostochnoi Rusi XV-XVI vv.; Pereiaslavskii uезд. Moskva, Nauka, 1966. 265 p.
- ALONG THE ROAD OF MILLENNIA; excursions through medieval Crimea] Dorogoi tyelacheletii; ekskursii po srednevekovomu Krymu. Simferopol', "Krym." 1966. 190 p.
- ANDREEV, V.L. [The heroes of Oleron] Gerol Olerona. Minsk, Belarus', 1965. 103 p. (MH)
- ASHURKOV, V.N. [The Tula Museum of Weapons; a guidebook] Tul'skii muzei oruzhiia; putevoditel'. Tula, Prikskoe knizhnoe izd-vo, 1965. 94 p. (CSI-H)
- BACSO, JANOS. [What happened behind the scenes. ikhodilo za
- BONDAREV, A.I. [Iakov Bograd; a historical and biographical sketch] Iakov Bograd; istoriko-biograficheskii ocherk. [Krasnolarsk] Krasnolarskoe knizhnoe izd-vo, 1965. 112 p. (CSI-II)
- BRUSOV, A.IU., and M.P. ZIMINA. [Bored battle axes of stone in the European part of the U.S.S.R.] Kamennye sverlenye boevye topory na territorii Evropeiskoi chasti SSSR. Pod red. B.A. Rybakova. Moskva, Nauka, 1966. 97 p. illus. (Arkheologiya SSSR; svod arkhologicheskikh istochnikov, no. 34-4)
- BRONSKII, N.I. [Objective and subjective factors in history] Ob'ektivnyi i sub'ektivnyi faktory istorii. [Cheliabinsk] Cheliabinskii rabochii, 1965. 80 p. (CSI-II)
- BURCHETT, WILFRED G. [Under the canopy of the jungles. Translated from the English] Pod sen'iu dzhunglei. Moskva, Pravda, 1965. 46 p. (Biblioteka Ogonek, no. 40) (MH)
- DZAUDZHUKAU, NAUCHNO-ISLEDOVATELSKII INSTITUT SEVERO-OSETINSKOI ASSR. [The civil war in Northern Osetia; according to the recollection of participants] Grazhdanskaya volna v Severnoi Osetii; po vospominaniam uchastnikov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1965. 381 p. (CSI-H)
- EKATI, B.P. [Bolsheviks of the Terek Valley at the forefront of the struggle against interventionists and the Internal counterrevolution, summer 1918-early 1919] Bol'sheviki Tereka vo glave bor'by protiv interventov i vnutrennei kontrrevoliutsii (leto 1918-nachalo 1919 gg.) Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1964. 54 p.
- [THE FIRST DAY, THE LAST DAY; June 22, 1941-May 9, 1945] Den' pervyi, den' posledni. 22. VI - 1941, 9. V - 1945. Moskva, Sovetskaiia Rossiia, 1966. 309 p. illus.
- [THE FIRST SOVIET OF WORKERS' DEPUTIES; the city of Ivanovo-Voznesensk, May-July 1905] Pervyi sovet rabochikh deputatov; gorod Ivanovo-Voznesensk, mai-iul' 1905 g. [Iaroslavl] Verkhne-Volzhskoe knizhnoe izd-vo, 1965. 91 p. (CSI-II)
- [FOR INDEPENDENCE; materials on the history of the Ukrainian Army] Za derzhavnist'; materialy do istorii vliis'ka ukrains'koho. Toronto, Ukrain's'kyi voleno-istorichnyi int-. Vol. 10. 1964. 254 p.
- [GENEROSITY; sketches of remarkable people of Kalmykia] Shchedrost'; ocherki o zamechatel'nykh liudiakh Kalmykii. Elista, Kalmykskoe knizhnoe izd-vo, 1965. 165 p. (CSI-II)
- [GRATEFUL PEOPLES TO THE SOLDIERS WHO LIBERATED THEM] Blagodarnnye narody - volnam-osvoboditeliam. Moskva, Voennoe izd-vo M-Va oborony SSSR, 1965. 147 p. (CaOTU)
- GRIGOR'EV, A.M. [Anti-imperialist program of the Chinese bourgeois revolutionaries, 1895-1905] Antiimperialisticheskaia programma kitaiskikh burzhuaiznykh revoliutsionerov, 1895-1905. Moskva, Nauka, 1966. 100 p.
- GUTERMAN, E.A. [The national revolutionary war in Spain in 1936-1939; a discussion of books] Natsional'no-revoliutsionnaya volna v Ispanii 1936-1939 gg.; beseda o knigakh. Moskva, Kolga, 1966. 16 p. (Istoricheskie znanlia - v massy, no. 3)
- [HEROES OF THE SOVIET LAND] Gerol zemli sovetskoi. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 341 p. (Viu)
- [HISTORY OF THE UKRAINE FOR CHILDREN OF SCHOOL AGE] Istoriia Ukrainy; dlia ditei shkol'nogo viku. Peredruk, z neznachnymi skorecheniia, i v'vis'koho vydannia "Svitu Dytny," 1934 rik. Winnipeg, Vydavnycha spika Tryzub, 1966. 228 p.
- HRUSHEVSKYI, MYKHAILO. [Autobiography] Avtobiografiia. Toronto, Ukrainian Canadian University Students' Union, 1965. 16 p.
- IAROSHENKO, A.D. [Ukrainian Mykhailovych Kotsiubyn's'kyi. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1965. 123 p. (Bortsi za velyku spravu) (InU)]
- IOANNISIAN, A.R. [Communist ideas during the years of the Great French Revolution] Komunisticheskie idei v roky Velikoi frantsuzskoi revoliutsii. Moskva, Nauka, 1966. 429 p.
- KALENDAR UKRAINS'KOHO HOLOSU. [Jubilee calendar-almanac of the "Ukrains'kyi Holos" for 1966; dedicated to the 75th anniversary of the first Ukrainian settlement in Canada and the 50th anniversary of Ivan Franko's death] Iuvileinnyi kalendar-al'manakh Ukrain's'koho Holosu; pryvliachnyi 75-tilitni ukrains'koho poselennia v Kanadi i 50-tilitni z dnia smerti Ivana Franka. Na zvychnykh spilkakh 1966. Winnipeg, Nak, i drukom Vydavnychoi spilky "Tryzub," 1966. 100 p.
- KAMENETSKII, B.A. [The struggle of the people's masses in European countries against feudal oppression; discussions of books] Bor'ba narodnykh mass v stranakh Evropy protiv feodal'nogo gnetu; besedy o knigakh. Moskva, Kolga, 1965. 22 p. (Istoricheskie znanlia v massy, no. 2) (CSI-H)
- KAZAN. DOM-MUZEI V.I. LENINA. [V.I. Lenin Residence - Museum in Kazan] Dom-muzei V.I. Lenina v Kazani. Kazan', Tatarskoe knizhnoe izd-vo, 1965. 38 p. (CSI-H)
- KIEV (Province) Oblastnoi gosudarstvennyi arkhiv. [Guidebook to the Kiev Province State Archives] Putevoditel'. Kiev, Izd-vo polit. lit-ry Ukrainy, 1965. 410 p. (NNC)
- KISHINEV. GOSUDARSTVENNYI ISTORIKO-KRAEVEDCHESKII MUZEI. [Guidebook to the exhibition of the Department of Moldavian History; the epoch of socialism] Putevoditel' po ekspozitsii otzela istorii Moldavii; epokha sotsializma. Kishinov, Karlin moldovenasko, 1965. 56 p. illus.
- KOLOSOVSKII, M.F. [Citizens of Shadrinsk who are "Heroes of the Soviet Union"] Shadrinskay - gerol Sovetskogo Soiuza. [Cheliabinsk] Iuzhno-Ural'skoe knizhnoe izd-vo, 1965. 114 p. (CSI-H)
- KOMIN, V.V. [Bankruptcy of the bourgeois and petite bourgeois political parties of Russia in the period of preparation for and victory of the Great October Socialist Revolution] Bankrotstvo burzhuaiznykh i melkoburzhuaiznykh parti Rossii v period podgotovki i pobedy Velikoi Oktobr'skoi sotsialisticheskoi revoliutsii. [Moskva] Moak. rabochii, 1965. 845 p.
- KOMMUNISTICHESKAIIA PARTIIA SOVETSKOGO SOIUZA. Saratovskii oblastnoi komitet. Partinnyi arkhiv. [To a man, friend, and leader] Cheloveku, drugu, vozhdii. Saratov [Privolzhskoe knizhnoe izd-vo] 1965. 102 p. (CSI-II)
- KOROTEEV, N.I. [Three heroic deeds] Tri podviga. Moskva, DOSAAF, 1966. 20 p.
- KOTLIAROV, I.U.S. [I shall come back to you, Russia!] IA vernus' k tebe, Rossiia! [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 60 p. (CSI-H)
- KRIVULIA, V.I. [He hated war] On nenavidel voynu. Moskva, Mysl', 1966. 212 p.
- KRUGLIKOVA, I.T. [The Bosphorus in the late classical period; essays on its economic history] Bospor v pozdneclassicheskoe vremia; ocherki ekonomicheskoi istorii. Moskva, Nauka, 1966. 222 p.
- KRUTIKOV, I.I. [In the forests along the front; diary of a partisan] U prifrontovnykh lesakh; zapiski partizana. [Leningrad] Lentizdat, 1965. 318 p. (NIC)
- LEBEDEV, N.I. [Downfall of the Antonescu dictatorship] Padenie diktatury Antonescu. Moskva, Mezhdunarodnye otnosheniia, 1966. 478 p.
- [LIFE DEVOTED TO STRUGGLE] Zhizn' otdannaiia bor'be. Izd. 2, ispr. i dop. Moskva, Nauka, 1966. 970 p.
- LITVINENKO, S.N. [I bequeath implacability; testimony of a man who survived his own death] Zaveshechnia neprimirnosti; svideitel'stvo cheloveka, perezhivshogo svoju smert'. Literaturnaia zapis' Igoria Minuko. Tula, Prikskoe knizhnoe izd-vo, 1965. 48 p. (CSI-H)

- LIUBLINSKAIA, A.D., ed.** [Internal policy of French absolutism, 1633-1649] Vnutrennaya politika frantsuzskogo absolutizma, 1633-1649 gg. Moskva, Nauka, 1966. 404 p. [In Russian and French]
- LOMATSK'YI, MYKHAILO.** [Rebels' nest] Opryskiv-s'ke huzdo. [Munich] 1964. 168 p. (NN)
- LOSKUTOV, S.I.** [Across the front] Cherez linii fronta. Moskva, Voennoe izd-vo, M-va oborony SSSR, 1965. 66 p. (CAOTU) (IU)
- LUNACHARSAKI, A.V.** [Silhouettes] Siluety. [Moskva] Molodaya gvardiya, 1965. 542 p. (Zhizn' zamchalei'nykh liudoi; seriya biografii) (NIC)
- MADER, JULIUS.** [Treasures of the "black order"; a documentary story. Translated from the German] Sokrovischitsa "chernogo ordena"; dokumental'nyi rasskaz. Moskva, Politizdat, 1965. 205 p. (CSH)
- MALKINA, I.L.** [Man's generous soul; an essay] Shchelnoi dushii chelovek; ocherk. [Leningrad] Lentizdat, 1965. 63 p. (IEN)
- MILORADOVA, K.A.** [A reconnaissance mission] V razvedke. Moskva, DOSAAF, 1966. 61 p.
- MOSCOW. TSENTRAL'NYI MUZEI VOORUZHENNYKH SIL SSSR.** [Central Museum of the Armed Forces of the U.S.S.R.] Tsentral'nyi muzei Vooruzhennykh Sil SSSR. [Moskva, Voenizdat, 1965] 1 v. (chiefly illus.) [Parallel texts in Russian, English, German, and French]
- MOZHEKO, I.V., L.A.SEDOV, and V.A.TIURIN.** [With a cross and a musket] S krestom i musketom. Moskva, Nauka, 1966. 255 p.
- NAGAITSEV, A.P., and I.P.SELISHCHEV.** [Under a foreign sky] Pod chuzhim nebom. Minsk, 1966. 44 p. (Biblioteka gazety "Holos Radzimy")
- NATIONAL-NO-OSVOBODITEL'NAIA BOR'BA ALBAN-SKOGO NARODA. THE NATIONAL-LIBERATION STRUGGLE OF THE ALBANIAN PEOPLE.** [n.p., Komitet kul'turnykh i druzhestvennykh svyazoi s zagranitsoi, Albanskaia Narodnaia Respublika, n.d.] 6, 9, 10, 10, 10 p. (chiefly illus.) [In 5 languages]
- NEUSTROEV, S.A.** [Path to the Reichstag] Put' k Reichstagu. 2., dop. i perer. izd. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 103 p. (CSH)
- NIKOL'NIKOV, G.L.** [Triumph of V.I. Lenin's strategy and tactics in the problems of war, peace and the revolution] Pobeda leninskoi strategii i taktiki po voprosam voyny, mira i revoliutsii. Kiev, Izd-vo Kievskogo univ., 1966. 230 p.
- [OCTOBER REVOLUTION IN LATVIA; documents and materials; forty years, 1917-1957] Oktabr'skaya revoliutsiia v Latvii; dokumenty i materialy; 40 let, 1917-1957.** Riga, Izd-vo Akad. nauk Latvieskoi SSR, 1957. 457 p. (Mosw)
- ORYSHKEVICH, PETRO** [Ukrainians of the western part of the San Valtay; a geographical and historical study] Ukrainci Zasiannia; geografichno-istorichnyi narys. Munich, Ukr. viti'nyi univ., 1962. 49 p. fold. map. (NN)
- [PAGES OF BATTLE GLORY] Stranitsy boevoi slavy. Shniferopoi', Krym, 1965. 62 p. (Biblioteka ocherka) (CSH)**
- [PEREYASLAV LEGEND] Pereiaslavs'ka legenda.** London, Kom-tilia vidznachennia 300-litnia borot'by Ukrainy proty Moskovshchyny, 1954. 32 p. (IU)
- PEVZNER, M.N.** [Two banners] Dva znameni. Moskva, Izd-vo DOSAAF, 1966. 158 p.
- POLITOV, Z.N., ed.** [Soldiers' letters] Soldatskie pis'ma. Moskva, Politizdat, 1965. 470 p. (MI)
- RAKHIMAT, ADKHAM.** [General Faizulla Norkhodzhaev] General Faizulla Norkhodzhaev. Toshkent, Uzbekiston KP Markazii Komitetning birlashgan nashriati, 1964. 39 p. [Uzbekiston SSR "Bilim" zhurnal, no. 43] [In Uzbek]
- SHMELEV, N.A.** [From low altitudes] S mal'nykh vysoi. Moskva, Voenizdat, 1966. 214 p. (Voennye memuary)
- [THE SHORES OF THE BALTIC REMEMBER...; reminiscences of the veterans who participated in the liberation of the republics in the Soviet Baltic Sea region] Berega Baltiki pomauiat...; vospominaniia uchastnikov boev za osvobodzheniye respublik Sovetskoi Priballiki.** Moskva, Politizdat, 1966. 262 p.
- SHURYGINA, A.P.** [Petersburg workers in the revolution of 1905-1907] Peterburgskie rabochie v revoliutsii 1905-1907 gg. Leningrad, Vses. ob-vo raspr. polit. i nauchn. znani, 1955. 30 p. (VIU)
- SIMONIAN, A.P.** [Erevan; an outline of the city's history, economy, and culture] Erevan; ocherk istorii, ekonomiki i kul'tury goroda. [2., dop. izd.] Erevan, [Mik] 1965. 529 p.
- SNORE, E., and ZEID, T., eds.** [Nukal burial ground] Nukalski mogil'nik. Riga, Izd-vo Akad. nauk Latvieskoi SSR, 1957. 145 p. illus. (NNC)
- SOKOLOV, M.A.** [Tashkent, its citizens, and Russia] Tashkent, tashkentsy i Rossiia. Tashkent, Izd-vo "Uzbekistan", 1965. 167 p. fold. map (in pocket) (CSH)
- SOKOLOV, V.M.** [A jump into the unknown] Pryzhok v neizvestnoe. Moskva, Voenizdat, 1966. 54 p. (Biblioteka soldata i matrosa)
- SOROKINA, V.K.** [Thorny path] Tornyistyi put'. Chicago [J. Sorokin] 1964. 280 p. (WU)
- STAVISKII, B.IA.** [Between the Pamirs and the Caspian; Central Asia in antiquity] Mezhdum Pamirami i Kaspiem; Srednaya Azia v drevnosti. Moskva, Nauka, 1966. 327 p.
- STEPANOV, I.V.** [Russian peasant war in 1870-1871; the rebellion of Stepan Razin] Krest'ianskaya volna v Rossii v 1870-1871 gg.; vosstanie Stepana Razina. [Leningrad] Izd-vo Leningr. univ. Vol. 1. 1966. 371 p.
- STEPANOV, M.K.** [People's hero] Narodnyi geroi. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 90 p. (Liudi, sobytia, gody) (CSH)
- STRUTINSKII, N.V.** [On the banks of the Goryn' and the Sluch'; a documentary tale. As told to S. Dranov] Na beregakh Goryni i Sluchi; dokumental'naya povest'. Literaturnaya zapiska S. Dranova. L'vov, Kameniar, 1966. 174 p.
- SUZDAL'SKII, IUP., and others.** [On the seven hills; essays on the culture of ancient Rome] Na sedmi kholmakh; ocherki kul'tury drevnego Rima. 2. izd. Moskva, Prosveshchenie, 1965. 398 p. (MI)
- SVERDLOV, A.V.** [On the Sea of Azov] Na more Azovskom. Moskva, Voenizdat, 1966. 222 p.
- TITKIN, F.I., comp.** [Do you remember, comrade; reminiscences of the fighters and commanders of the Tula partisan detachments] Ty pommish' tovarishch; vospominaniia boitsov i komandirov tui'skikh partizanskikh otriadov. Tula, Priokskoe knizhnoe izd-vo, 1965. 238 p. (MH)
- TRET'IAKOV, P.N.** [Results of archaeological study of the tribes of the Eastern Slavs] Rezultaty arkhieologicheskogo izucheniia vostochno-slavian'skikh plemen. Moskva, Izd-vo Akad. nauk SSSR, 1958. 34 p.
- TUVINSKAYA KOMPLEKSNAYA ARKHEOLOGO-ETNOGRA-FICHESKAYA EKSPEDITSIIA, 1959-1960.** [Transactions of the Tuva Joint Archaeological-Ethnological Expedition, 1959-1960] Trudy. Moskva, Nauka. Vol. 2. [Materials on the ethnology and archaeology of the Kemerik River basin regions] Materialy po etnografii i arkhieologii raiionov basseina r. Kemerichka. 1966. 357 p. illus.
- UFA. DOM-MUZEI V.I. LENINA.** [V.I. Lenin Residence-Museum in Ufa] Dom-muzei V.I. Lenina v Ufe. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 41 p. (CSH)
- VINOGRADSKAIA, P.S.** [Jenny Marx] Zhenni Marks. Izd. dop. Moskva, Mysl', 1966. 357 p.
- VOLOBUEV, P.V.** [V.I. Lenin on the general features of the Great October Socialist Revolution] V.I. Lenin ob obshchikh zakononomernostyakh Velikoi Oktabr'skoi sotsialisticheskoi revoliutsii. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. I Seriya: Istoriia, no. 12)
- VORONEZH, UNIVERSITET.** [From the history of modern and recent times] Iz istorii novogo i noveishego vremeni. Voronezh, 1965. 284 p. (CSH)
- VORONIN, N.N.** Vladimir, Bogoliubovo, Suzdal', Iur'ev-Pol'skoi. [Izd. 2. perer. Moskva, Iskustvo, 1965] 310 p. (CAOTU)
- VYSOTSKII, S.A.** [Old Russian inscriptions in the St. Sophia Cathedral in Kiev from the 11th to 14th centuries] Drevnerusskie nadpisi Sofii Kievskoi, XI-XIV vv. Kiev, Naukova dumka. No. 1. 1966. 237 p. illus.
- ZHELT'YI, V.V.** Pechora. [Syktyvkar] Koml knizhnoe izd-vo, 1965. 31 p. illus. (CSH)

5. SOCIAL SCIENCES

[ADVICE TO THE RURAL PROPAGANDIST] Sovety sel'skomu propagandistu. Moskva, Politizdat, 1960. 141 p.

AKADEMIA NAUK SSSR. Institut ekonomiki mirovoi sotsialisticheskoi sistemy. [Problems of cooperation between the socialist and developing countries; economic relations] Problemy sotrudnichestva sotsialisticheskikh i razvivaiushchikhsia stran; ekonomicheskie otnosheniia. [Moskva] Nauka, 1966. 254 p.

AKADEMIA NAUK SSSR. Institut ekonomiki mirovoi sotsialisticheskoi sistemy. [The world socialist economic system. An edition in four volumes] Mirovaia sotsialisticheskaya sistema khoziaistva. Izdaniia v chetyrekh tomakh. Moskva, Mysl'. Vol. 1. [The making of the world socialist economic system] Stanovlenie mirovoi sotsialisticheskoi sistemy khoziaistva. 1966. 516 p.

AKADEMIA NAUK SSSR. Institut geografii. [The Far East; economic and geographical characteristics] Dal'nii Vostok; ekonomiko-geograficheskaia kharakteristika. Moskva, Mysl', 1966. 493 p. (DS)

AKADEMIA NAUK SSSR. Institut geografii. [The Soviet Baltic Region; problems of economic geography] Sovetskaya Priballika; problemy ekonomicheskoi geografi. Moskva, Nauka, 1966. 275 p.

ANDREEVA, G.M. [Bourgeois sociology in search of a theory] Burzhuaznaia sotsiologiya v pol'skakh teori. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosofii, no. 12)

ARLAZOROV, MIKHAIL. [A letter for you] From the history of the world postal service] Vam pis'moi iz istorii mirovoi pochty. [Moskva, Sovetskaya Rossiia, 1966] 229 p.

ARTAMONOV, I.B. [Initiative and responsibility; the party committee as the organizer of an economic experiment] Initsiativa i otvetstvennost'; partkom - organizator ekonomicheskogo eksperimenta. Moskva, Politizdat, 1966. 40 p.

ASHIMBAEV, T.A. [Labor productivity and the use of capital assets in the industry of Kazakhstan] Ispol'zovanie osnovnykh fondov i proizvoditel'nost' truda v promyshlennosti Kazakhstana. Alma-Ata, Kazakhstan, 1966. 178 p.

ATLAS, Z.V. [Business accounting, profitability, and credit] Khozraschet, rentabel'nost' i kredit. [Moskva, Ekonomika, 1966] 41 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 5)

AVRUKH, A.I. [Problems of the cost of electric and thermal power] Problemy sebestoimosti elekticheskoi i teplovoi energii. Izd. 2., perer. i dop. Moskva, Energiia, 1966. 455 p.

- AZBEL, B.M. [Organization of work and the establishment of work norms on construction sites]. Organizatsiya i normirovaniye truda na stroikakh. [Moskva] Moskovskii rabochii, 1966. 119 p.
- [BEGINNING OF THE WORKERS' MOVEMENT AND THE SPREAD OF MARXISM IN RUSSIA, 1883-1894: consultations and methodological advice]. Nachalo rabocheho dvizheniya i rasprostraneniye marksizma v Rossii, 1883-1894 gody; konsultatsii, metodicheskie soveti. Moskva, Moskovskii rabochii, 1965. 124 p. (NcU)
- BELKIN, G.A. [Economic experiment in the store]. Ekonomicheski eksperiment v magazine. Moskva, Ekonomika, 1966. 71 p.
- BELKIN, V.D., and N.I. BUZOVA. [Economic methods of management and price review]. Ekonomicheskie metody khoziaistvennogo rukovodstva i pereasotit'sen. [Moskva, Ekonomika, 1966] 21 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 7)
- BELOVA, L.D., and others. [Network planning and management]. Setevoye planirovaniye i upravleniye. Moskva, Znanie, 1966. 45 p. (Novoye v zhizni, nauke, tekhnike, III Seriya; Ekonomika, no. 12)
- DIKRITSKII, B. [Communist attitude toward labor is the moral principle for a young builder of communism]. Mekhnataga kommunistik monasabtda bulish - kommunizm kuruvchi eshlaning ahok printsipli. Toshkent, KP MK ning nashriti, 1964. 39 p. (Uzbekiston SSR "Bilim" zhaniilati, no. 49) [In Uzbek]
- BORODAVKIN, A.N. [Establishment of norms and the use of working capital in nonferrous metallurgy enterprises]. Normirovaniye i ispol'zovanie oborotnykh sredstv na predpriyatiyakh tsvetnoi metallurgii. Moskva, Metallurgiya, 1966. 111 p.
- BULYGIN, I.A. [Condition of the peasantry and commodity production in Russia in the second half of the 18th century; based on the materials of the Penza Government]. Polozheniye krest'yan i tovarnoye proizvodstvo v Rossii (vtoraia polovina XVIII veka); po materialam Penzenskoi gubernii. Moskva, Nauka, 1966. 209 p.
- BYKHOVSKI, I.E. [It has been established by the investigation...]. Stedstviem ustanovleno... Leningrad, Ob-vo "Znanie" RSFSR, 1966. 39 p.
- CHERNIKOV, I.S. [Organization of accounting for the operation and repair of building machinery]. Organizatsiya ucheta ekspluatatsii i remonta stroitel'nykh mashin. Izd. 2., ispr. i dop. Moskva, Stroiizdat, 1966. 190 p.
- CHERTOK, E.A., and E.A. TSELYKOVAIA. [The new methods of planning in enterprises of automobile transport and the clothing industry]. Noveye metody planirovaniya na predpriyatiyakh avtomobil'nogo transporta i shveitnoi promyshlennosti. [Moskva, Ekonomika, 1966] 19 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 9)
- [CREATIVITY PLUS BUSINESS ACCOUNTING]. Tvorchestvo plus khoziaistlii raschet. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1965. 85 p. (CSt-H)
- DIBNER, M.I.A., G.A. ISAEV, and V.V. MIRONOV. [Accounting in state commerce]. Bukhgalterskii uchët v gosudarstvennoi torgovle. [Moskva] Ekonomika, 1966. 278 p.
- DIKANSKII, M.G., and V.A. SHIL'DKRUT. [International monopolies; the origin and development of the most important international cartels]. Mezhdunarodnye monopolii; vozniknoveniye i razvitiye vazhneishikh mezhdunarodnykh kartel. Moskva, Mysl', 1966. 270 p.
- DUDKIN, L.M. [Optimal material balance of the national economy; models for current and long-range planning]. Optimal'nyi material'nyi balans narodnoy khoziaistva; modeli dlia tekushchego perspektivnogo planirovaniya. Moskva, Ekonomika, 1966. 183 p.
- DUDORIN, V.I., and V.S. RUMIANTSEV. [Application of the network system of planning and management in industry; methodological instructions]. Primeneniye sistemy setevogo planirovaniya i upravleniya v promyshlennosti; metodicheskie ukazaniya. Moskva, Ekonomika, No. 3, 1966. 39 p.
- DUSHMALIEV, TASHTAN. [Outline history of the collectivization of the agriculture of Kirghizistan]. Ocherk istorii kollektivizatsii sel'skogo khoziaistva Kirgizii. Frunze, Ilim, 1965. 202 p. (CU)
- [EFFECT OF ROMANCE] Effekt romantiki. Moskva, Pravda, 1966. 77 p. (Biblioteka "Komsomol'skoi pravdy," no. 5)
- [EVENING AND NIGHT SERVICE IN THE CITY; a directory]. Dezhurnaya sluzhba goroda; spravochnik. [Moskva] Moskovskii rabochii, 1966. 39 p.
- FAINBERG, A.I., ed. [Economics, organization and planning of municipal electric transportation]. Ekonomika, organizatsiya i planirovaniye gorodskogo elektrotransporta. Moskva, Stroiizdat, 1966. 233 p.
- FAINGAR, I.M. [Outline of the development of German monopolistic capital]. Ocherk razvitiya germanskogo monopolisticheskogo kapitala. Otv. red. S.M. Ivanov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1958. 435 p. (CoU)
- FEOFANOV, O.A. [Happiness on credit; sketches on Canada]. Schast'ye v kredit; ocherki o Kanade. 2., obnovennoe i dop. izd. [Moskva, Politizdat, 1966] 318 p.
- [FOR RURAL TRADE-UNION ACTIVIST WORKERS ABOUT BUSINESS ACCOUNTING]. Sel'skoiu profaktiva o khoziaistvennom raschete. [Moskva] Proizdat, 1964. 39 p. (Biblioteka sel'skogo profsotluzhnogo aktivista, no. 6 (60))
- FRENKEL', A.A. [Multiple-factor correlative models of labor productivity]. Mnogofaktornyye korreliatsionnye modeli proizvoditel'nosti truda. Moskva, Ekonomika, 1966. 94 p.
- [FROM GENERATION TO GENERATION, 1917-1964]. Ot pokoleniya k pokoleniyu, 1917-1964. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 350 p. (CSt-II)
- GERASIMOV, G.N. [Activities of the party organizations in housing construction following the 20th Congress of the CPSU]. Delatel'nost' partinykh organizatsii v zhilishchnom stroitel'stve posle XX s'ezda KPSS. Vladivostok. Dal'nevostochnoe knizhnoe izd-vo, 1964. 22 p. (CSt-H)
- [GOLD PLACERS]. Zolotyie rossypti. Moskva, Sovetskaya Rossiya, 1966. 205 p. (Biblioteka "V pomoshch' sel'skoiu klubonnu rabotniku," no. 4)
- GONCHAROV, A.N. [French trusts in "Little Europe."]. Treslyi Frantsii v "Maloi Evrope." Pod red. E.P. Pletneva. Moskva, IMO, 1966. 157 p.
- GUNDYRIN, P.A., and V.F. SHILIN. [The new economic horizons; the decisions of the September 1965 Plenum of the Central Committee of the CPSU are an important economic reform]. Noveye ekonomicheskie gorizonty; resheniya sentyabrskogo Plenuma TsK KPSS 1965 goda - vazhnaia khoziaistvennaia reforma. Volgograd, Nizhne-Volzhskoe knizhnoe izd-vo, 1966. 72 p. (Ekonomicheskie znanlia vsen)
- GUN'KO, E.I., B.M. DZHUN', and V.A. TELEVSKAIA. [Labor and wages in communal housing and services; a manual]. Trud i zarabotnaya plata v zhilishchno-kommunal'nom khoziaistve; spravochnik. Kiev, Budivelnik, 1966. 357 p.
- IANIN, A.I., and I.U. S. KOTLIAROV. [Patrols of the people]. Dozornyye naroda. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 34 p. (CSt-H)
- [IDEOLOGICAL WORK AND PRODUCTION]. Ideologicheskaya rabota i proizvodstvo; sbornik. [Saratov, Mordovskoe knizhnoe izd-vo, 1965] 110 p. (CSt-II)
- ISTOMIN, L.I., and D.T. NOVIKOV. [Mathematical methods in the practice of managing the supply and sale of materials and equipment]. Matematicheskie metody v praktike upravleniya material'no-tekhnicheskimi snabzheniem i stytom. Moskva, Ekonomika, 1966. 126 p.
- IVCHENKO, V.I. [At a komsomol construction site]. Na komsomol'skoi stroike. Barnaul, Altai'skoe knizhnoe izd-vo, 1965. 34 p. (CSt-II)
- KANEVSKII, E.M., and A.V. PERESLAVTSEV. [They create good humor]. Oni sozdali khoroshee nastroyeniye. [Moskva] Moskovskii rabochii, 1966. 157 p.
- KATSEN, L.G., and M.R. LUK'IANOV. [Fixed assets and working capital in ferrous metallurgy in the Ukraine]. Osnovnye i oborotnye fondy chernoi metallurgii USSR. Kiev, Tekhnika, 1965. 190 p.
- KHANUKAEV, S.B. [The labor supply and the profitability of production]. Trudovyye resursy i rentabel'nost' proizvodstva. Moskva, Znanie, 1966. 61 p. (Narodnyi universitet; Sel'skokhoziaistvennyi fakul'tet, no. 4)
- KISHINEV, UNIVERSITET. [The subject of scientific communism; a textbook for students of the Kishinev State University]. Predmet nauchnogo kommunizma; uchebno-metodicheskoe posobie dlia studentov KGU. Kishinev, 1965. 14 p. (CSt-H)
- KISTANOV, V.V., and V.M. KOSTENNIKOV. [Territorial organization of production under the new conditions]. Territorial'naya organizatsiya proizvodstva v novykh usloviyakh. [Moskva, Ekonomika, 1966] 18 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 6)
- KLOCHKO, V.F. [Marxist-Leninist theory of the party and the development of this theory in the programs of the CPSU]. Marksistsko-leninskoe ucheniye o partii i ego razvitiye v programmakh KPSS. Moskva, Mysl', 1966. 74 p.
- KONONENKO, V.M. [Coal, coke, plastics; economic problems of the comprehensive use of Lvov-Volyn Basin coal for chemical processing and as fuel power]. Vuhillia, koka, plastmasy; ekonomichni pytannya kompleksnogo khimiko-energeticheskogo vykorystannia vuhillia Lviv's'ko-Volyn's'koho baselnu. [Lviv] Vyd-vo Lviv's'koho univ., 1965. 161 p.
- KORF, M.I., and V.I. PAVLOV. [Organization of bus transportation; practice of Moscow Province]. Organizatsiya avtobusnykh perevozok; opyt Moskovskoi oblasti. Moskva, Transport, 1966. 62 p.
- KOROBKEVICH, O.V., comp. [For you, girls!]. Vam devushki! [Moskva, Meditsina, 1966] 286 p. illus., fold. pattern insert. (Nauchno-populiarnaya meditsinskaya literatura)
- KOSSOV, V.V. [The interbranch balance]. Mezhraslevoe balans. Moskva, Ekonomika, 1966. 222 p.
- KRAPCHIN, I.P. [Expansion of the coal briquet industry in the U.S.S.R.]. Razvitiye uglebriketnoi promyshlennosti SSSR. Moskva, Nauka, 1966. 134 p.
- KRAUZE, G.L., and A.L. FINKEL'SHTEIN. [The new economic system in automotive transport; practice of the No. 1 Automotive Combine of the Main Motor Transport Administration of Moscow]. Novaya ekonomicheskaya sistema na avtomobil'nom transporte; opyt avtokombinata no. 1 Glavmosavtotransa. Pod red. L.A. Bronshteyna. Moskva, Transport, 1966. 101 p.
- KRIGER, V.A., I.I. KUR'IAN, and M.K. IAKOVENKO. [Consumer's cooperatives of eastern Siberia; a concise historical study]. Potrebitel'skaya kooperatsiya Vostochnoi Sibiri; kratkii istoricheski ocherk. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 62 p.
- KUDELIN, E.G. [Work is the necessity and joy of life]. Trud - potrebnost' i radost' zhizni. Moskva, Mysl', 1966. 196 p.
- KUYBYSHEV, OBLASTNAYA BIBLIOTEKA. [New holidays and rites should be accepted by the people; a list of recommended literature to aid the organizers of new holidays and rites and to workers of cultural and educational institutions]. Noveye prazdniki i obriady - v narodnyi byt; rekomendatsii nye spisk literatury v pomoshch' organizatoram novykh prazdnikov i obriadov i rabotnikam kul'turno-prosvetitel'nykh uchrezhdenii. Kuibyshev, 1965. 11 p. (CSt-II)
- KUZNETSOV, L.M. [Three in one controversy]. Tre v odnom spore. [Moskva] Molodcha gvardia, 1964. 98 p. (Rovensk shagael po planete) (IU)
- LAVROVSKII, V.M. [Study on the agrarian history of England in the 17th-19th centuries]. Issledovanie po agrarnoi istorii Anglii XVII-XIX vv. Moskva, Nauka, 1966. 248 p.
- LAZUNOVA, A.S., and S.A. LUKOSHIN. [Methods of calculating and ways of reducing the costs of fishery products]. Metodika kal'kulirovaniya i puti snazhneniya sebestoitnosti rybnol produktell. Moskva, Pishchevaia promyshlennost', 1966. 76 p.

- LENINGRAD, UNIVERSITET.** [Results and prospects for the social and economic development of young sovereign states; academic conference materials of the Department of the Economics of Modern Capitalism, October 20-29, 1965] Itogi i perspektivy sotsial'no-ekonomicheskogo razvitiia molodykh suverennykh gosudarstv; materialy nauchnoi konferentsii kafedry ekonomiki sovremennoho kapitalizma (20-29 oktiabria 1965 g.) [Leningrad] Izd-vo Leningr. univ., 1965. 125 p.
- LEONOV, I.E.** [Participation of the trade-union committee in planning for agricultural production] Uchashtie profsodnogo komiteta v planirovanii sel'skokhoziaistvennogo proizvodstva. [Moskva] Profizdat, 1964. 77 p. (Biblioteka sel'skogo profsodnogo aktivista, no. 4 (28))
- LEONT'EV, L.A.** [Plan and value] Plan i stolimost'. Moskva, Ekonomika, 1965. 31 p. (Reshenia sentabr'skogo plenuma TsK KPSS - v zhizn')
- LEONT'EV, L.A.** [The economic reform and some problems of economic theory] Khoziaistvennaia reforma i nekotorye voprosy ekonomicheskoi teorii. [Moskva, Ekonomika, 1966] 23 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 2)
- LISCHKIN, S.M.** [The petroleum industry of the capitalist countries of Western Europe] Neftianai promyshlennost' kapitalisticheskikh stran Zapadnoi Evropy. Moskva, Nedra, 1966. 230 p.
- LOSEV, A.V.** [The party organizations of the Central Chernozem provinces in the struggle for the development of agriculture, 1945-1964] Partinye organizatsii Tsentral'nogo Chernozem'ia v bor'bu za razvitiie sel'skogo khoziaistva, 1945-1964 gg. Voronezh, Voronezhskii gos. univ., 1965. 334 p. (CS-II)
- L'VOV, D.S.** [Principles of the economic designing of machinery] Osnovy ekonomicheskogo proektirovaniia mashin. Moskva, Ekonomika, 1966. 295 p.
- MAIZLIN, L.A.** [Planning in the textile industry] Planirovanie v tekstil'noi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry tegol' promyshl., 1963. 274 p. (CAOTU)
- MALYS, A.I.** [Formation of Marxist political economy] Formirovanie marksistskoi politicheskoi ekonomii. Moskva, Politizdat, 1966. 350 p.
- MALYSHEV, I.S.** [Economic laws of socialism and planning] Ekonomicheskie zakony sotsializma i planirovanie. [Moskva, Ekonomika, 1966] 33 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 3)
- MAMEDOV, P.IU.** [Problems of specialization, cooperation and combination in the petrochemical and petroleum refining industries of Azerbaijan] Voprosy spetsializatsii, kooperirovaniia i kombinirovaniia v neftekhimicheskoi i neftepererabatyvalushchei promyshlennosti Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 133 p.
- MARGULIS, A.SH.** [Accounting in the branches of the national economy] Bukhgalterskii uchët v otklaidakh narodnogo khoziaistva. 4., perer. izd. Moskva, Finansy, 1966. 471 p.
- MARGULOV, G.D., and DZH.N. NAMAZOV.** [Bukhara gas in the economy of the country] Mamlakatimiz ekonomikasida Bukhoro gazining urni. Toshkent, Uzbekiston KP Markazii Komitetining birlashgan nashrieti, 1965. 35 p. (Uzbekiston SSR "Blin" zhurnalai, no. 2(2) [In Uzbek])
- MASHINSKII, I.A.** [Establishing work norms in apparatus production] Normirovanie truda v apparaturnykh proizvodstvakh. Moskva, Ekonomika, 1966. 102 p.
- MASLOV, E.P.** [Productive forces of the Northern Caucasus; problems of economic geography and the development of resources] Proizvoditel'nye sily Severnogo Kavkaza; problemy geografii khoziaistva i osvoeniia resursov. Moskva, Nauka, 1966. 263 p.
- MASLOV, P.P.** [Technique of working with figures; practical exercises] Tekhnika raboty s tsiframi; prakticheskie ukazaniia. Izd. 2., ispr. i dop. Moskva, Statistika, 1966. 107 p.
- [MATHEMATICAL METHODS IN THE ECONOMICS OF METALLURGY]** Ekonomiko-matematicheskie metody v metallurgii. Donetsk, Donbass, 1966. 88 p.
- MOLOCHKO, A.D.** [On the objective and subjective prerequisites for further cultural relations and rapprochement among the socialist nations; a report presented at an inter-republic conference, dedicated to the 25th anniversary of the reestablishment of Soviet power in the Baltic regions]. Ob ob'ektivnykh i sub'ektivnykh predposylokakh dal'neishego kul'turnogo obshcheniia i sblizheniia sotsialisticheskikh natsii; doklad na mezhdrespublikanskoi konferentsii, posvashchennoi 25-letiu vosstanovleniia sovetskoi vlasti v Priballtike. Minsk, Pravlenie ob-va "Znanie" Belorusskoi SSR, 1965. 24 p. (CS-II)
- MOSCOW, AKADEMIIA ODSHCHESTVENNYKH NAUK.** [Problems of the party guidance of the development of the national economy] Voprosy partinogo rukovodstva razvitiem narodnogo khoziaistva. Moskva, Mysl', 1966. 174 p.
- MOSCOW, GORODSKOI SOVET PIONERSKOI ORGANIZATSII.** [Pioneer dawn] Pionerskie zori. [Izd. 2., dop. Moskva] Mosk. rabochii, 1966. 334 p.
- MOSCOW, INSTITUT NARODNOGO KHOZIAISTVA.** [Accounting and control during the period of the creation of the material and technical foundation of communism] Uchet i kontrol' v period sozdaniia material'no-tekhnicheskoi bazy kommunizma. Moskva, Ekonomika, 1966. 221 p.
- MOSCOW, UNIVERSITET DRUZHBY NARODOV.** Kafedra istoriko-ekonomicheskogo tsikla. [Historical and economic survey] Istoriiko-ekonomicheskii obzor. Moskva.
Pl. 1. [The precapitalist formations] Dokapitalisticheskie formatsii. 1963. 199 p.
- MOSKVA, E.T., and A.I. PETRIAKOV.** [Commercial statistics] Statistika torgovii. Moskva, Zaochnyi in-t sovetskoi torgovii.
Pl. 2. Rauzov, N.N., ed. [Statistics of the turnover of goods, prices, overhead, and labor costs in trade; a textbook for the students of marketing faculties] Statistika tovarooborota, tsen, izderzhok obraucheniiia i truda v torgovii; uchebnoe posobie dlia studentov tovarovednykh fakul'tetov. 1964. 140 p.
- MULIUKIN, F.P.** [Planning for capital investments in railroad transportation] Planirovanie kapital'nykh vloženiia na zheleznodorozhnoe transport. Moskva, Transport, 1965. 311 p. (CAOTU)
- NESMII, M.I.** [Analysis of the managerial and financial operation of collective farms] Analiz khoziaistvenno-finansovoi delatel'nosti kolhozov. Moskva, Finansy, 1966. 123 p.
- NIKITIN, M.A.** [The workers committee as an organizer of socialist competition] Rabochii komitet-organizator sotsialisticheskogo sorevnovaniia. [Moskva] Profizdat, 1964. 37 p. (Biblioteka sel'skogo profsodnogo aktivista, no. 8(32))
- NIKOLAEV, B.S., N.IA. PETRAKOV, and S.I. LUSHIN.** [Profit as an economic category of socialism] Pribyl'-ekonomicheskaiia kategoriiia sotsializma. [Moskva, Ekonomika, 1966] 18 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 4)
- OREL, V.N.** [Tam-tam and transistor] Tamtam i tranzistor. [Moskva] Molodaia gvardiia, 1965. 94 p. (CS-II) (EN)
- [ORGANIZATION OF TRADE IN MANUFACTURED GOODS]** Organizatsiia torgovii promyshlennymi tovarami [By] P.T. Bek-Kazarov i dr. Moskva, Ekonomika, 1966. 367 p.
- ORLOV, B.I.** [Accounting in fishing collectives; basic rules] Bukhgalterskii uchët v rybolovestkikh kollektivakh; osnovnye položeniiia. Moskva, Pishchevaia promyshlennost', 1966. 187 p.
- [OUR SEVEN-YEAR PLAN, 1959-1965]** Nasha semiletka, 1959-1965. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 1 v. (MII)
- [OUTLINE HISTORY OF THE GERMAN WORKERS' MOVEMENT.]** Translated from the German] Ocherki istorii nemetskogo rabocheho dvizheniia. Moskva, Izd-vo polit. lit-ry, 1964. 253 p. (CS-II)
- PANCHENKO, M.P., and IU.V. NIKOLENKO.** [Accumulation and collective farm production] Nahromadzhennia i kollektivnaie vyrobnytstvo. Kyiv, Naukova dumka, 1966. 118 p. (Naukovo-populiarnaia literatura)
- [THE PARTY GROUP IN AN ENTERPRISE]** Partinaiia grupa na predpriatii. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 65 p. (CS-II)
- [PARTY ORGANIZERS; from the practice in party work in villages]** Partorganizatory; iz opyta partinnoi raboty na sele. [Donetsk] Donetskoe knizhnoe izd-vo, 1963. 46 p. (Reshenia noiabr'skogo plenuma TsK KPSS - v zhizn')
- PAVLYKOV'SKA, IRYNA.** [The path of social work; on the 70th anniversary of the Ukrainian women's movement] Na hromadi kyt shitakh; z nadohy 70-letnia ukraina'kho zhinochoho rukhu. Philadelphia, Naki. Svitlovi federatsii ukraina'kykh zhinochykh organizatsii, 1966. 76 p. (NN)
- [THE PEOPLES' INSPECTORS ON THE MARCH]** Narodnye kontrolyery v pokhode. Vil'nius, Mintis, 1965. 187 p. (CS-II)
- PERVUSHIN, S.P.** [The necessity for and nature of economic reform] Neobkhodimost' i suashnost' khoziaistvennoi reformy. [Moskva, Ekonomika, 1966] 34 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 1)
- PETRIAEV, K.D.** [Modern Soviet historiography of the history of the workers' movement in Germany, 1871-1914; a lecture outline for correspondence students of the History Department of the University] Sovremennaiia sovetskaiia istoriografiia istorii rabocheho dvizheniia Germanii, 1871-1914 gg.; konspekt lektsii dlia studentov-zaochnikov istoricheskogo fakul'teta universiteta. Odessa, univ., 1965. 85 p. (CS-II)
- PETROV, G.P.** [Growth in the culture of the working class of Chuvashia] Rost kul'tury rabocheho klassa Chuvashii. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965. 40 p. (CS-II)
- FIGULEVSKAIA, E.A.** [Monopolies and financial oligarchy in modern Japan] Monopolii i finansovai oligarkhiia v sovremennoi Iaponii. Moskva, Nauka, 1966. 364 p.
- PIONTKOVSKII, V.F.** [Concise manual for the housing manager] Kratkiispravochnik upravliaushchego domami. Kiev, Budivelnik, 1966. 220 p.
- PISAREV, I.IU.** [The population and labor in the U.S.S.R.] Naselenie i trud v SSSR. Moskva, Ekonomika, 1966. 149 p.
- PLOTNEKOV, K.N.** [Efficiency of social production] Effektivnost' obshchestvennogo proizvodstva. Moskva, Znanie, 1966. 79 p. (Novoe v zhizni, nauke, tekhnike, III Seria: Ekonomika, nos. 9/10)
- POLJANSKII, A.A.** [Ways to increase labor productivity and to lower production costs in lumbering; work experience of Archangel Province logging enterprises] Puti povysheniia proizvoditel'nosti truda i snizheniia sebestoiimosti produktii na lesozagotovkakh; opyt raboty lespromkhozov Arkhangel'skoi oblasti. Moskva, Gostesbumizdat, 1961. 193 p. (NNC)
- PORSINEV, B.F.** [Social psychology and history] Sotsial'naiia psikhologiiia i istoriia. Moskva, Nauka, 1966. 212 p.
- PYKHOF, V.G.** [Economics, organization and planning for alcohol production] Ekonomika, organizatsiia i planirovanie spirtovoego proizvodstva. Moskva, Pishchevaia promyshlennost', 1966. 255 p.
- RAPOPORT, M.M., ed.** [Practice in the mechanization of accounting and computing work in agriculture] Opyt mekhanizatsii ucheta i vychislitel'nykh rabot v sel'skom khoziaistve. Moskva, Statistika, 1966. 242 p.
- RAUZANS, GUNARS.** [Toward the sun; pages from the history of the Komsomol organization of Central Latvia, 1917-1918] Saulei pretim rokas sniegams; appuses no komjauitates vidienas organizacijas venturos, 1917-1918. Riga, Latvijas Valsts izd-ba, 1963. 114 p. [In Latvian] (MH)
- RAZU, M.L.** [Application of the network system of planning and management in planning; methodological instructions] Primenenie sistemy setovogo planirovaniia i upravleniia v proektnom dele; metodicheskie ukazaniia. Moskva, Ekonomika, No. 1. 1966. 47 p.

- ROMANENKO, N.P. [Methods for improving industrial management; based on materials from Bryansk, Kaluga, Tula and Orel Provinces] Puti uluchsheniya upravleniya promyshlennosti; na materialakh Bryanskoi, Kaluzhskoi, Tul'skoi i Orlovskoi oblastei. Tula, Priokskoe knizhnoe izd-vo, 1965. 78 p. (U)
- RYMALOV, V.V. [Collapse of the colonial system and the world capitalist economy] Raspad kolonial'noi sistemy i mirovye kapitalisticheskoe khoziaistvo. Moskva, Mysl', 1966. 478 p.
- SAMARIN, V.A. [I live among friends; notes of a journalist] Zhivu sredi družei; zametki publistista. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. X Seriya: Molodezhnaya, no. 11)
- SHCHERBAN', A.N., ed. [Scientific organization of labor and management] Nauchnaya organizatsiya truda i upravleniya. 2. izd. Moskva, Ekonomika, 1966. 429 p.
- SHKURKO, S.I. [The new system of material incentives] Novaya sistema material'nogo stimulirovaniya. [Moskva, Ekonomika, 1966] 53 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 10)
- SHLEPAKOV, A.N. [Immigration and the American working class in the epoch of imperialism] Immigratsiya i amerikanskii rabochii klass v epokhu imperIALIZMA. Moskva, Mysl', 1966. 500 p.
- SIMPOZIUM "B". OSNOVNYE VOPROSY EKONOMICHESKOI GEOGRAFI SSSR. [Reports, materials for the Fourth Congress of the Geographical Society of the U.S.S.R.] Doklady, materialy k IV s'ezdu Geograficheskogo obshchestva SSSR. Leningrad. Pis. 1-2. 1964. 2 v. [MICROFILM]
- SKOPINA, K.P. [Kin to everybody] Vsem ljudiam rodina. [Moskva] Molodaya gvardiya, 1966. 157 p.
- SOBOLEV, A.N. [Generosity] Shchedrost'. Moskva, Znanie, 1966. 63 p. (Novoe v zhizni, nauke, tekhnike. X Seriya: Molodezhnaya, no. 9)
- SVERDLOVSK. URAL'SKII GOSUDARSTVENNYI UNIVERSITET. [Compendium on the history of economic theories; a textbook aid for students of the evening university of Marxism-Leninism] Sbornik statei po istorii ekonomicheskikh uchenii; uchebnoe posobie v pomoshch' slushateliam vechernego universiteta marksizma-leninizma. Sverdlovsk, 1964. 191 p. (CSI-H)
- TAJIK S.S.R. Statisticheskoe upravlenie. [Tajikistan for the last 40 years; a statistical abstract] Tadzhikistan za 40 let; statisticheskiy sbornik. Dushanbe, Statistika, 1964. 241 p. (CSI-H)
- TALAN, I.E.P. [Collective farms of the Ukrainian S.S.R. during the completion period of the building of socialism, 1951-1958] Kolhospy Ukrainy'koi RSR v period zaversheniya budivnytstva sotsializmu (1951-1958 rr.). Kyiv, Naukova dumka, 1966. 157 p.
- TERENT'EV, M.L. [Collective farms and commodity and monetary relations] Kolhozy i tovarno-denezhnye otnosheniya. Moskva, Ekonomika, 1966. 62 p. (Aktual'nye problemy ekonomiki sel'skogo khoziaistva)
- [THOUSANDS OF HELPERS] Tysyachi pomoshchnikov. [Chelabinsk] Nizhno-Ural'skoe knizhnoe izd-vo, 1965. 150 p. (CSI-H)
- TIMONOV, N.A. [Labor discipline in a collective] Trudovaya disiplina v kollektive. [Moskva] Profizdat, 1966. 44 p. (Biblioteka profsojuznogo aktivista, no. 7 (127))
- [TRADITIONS CALL TO GO FORWARD; from the history of the Krasnoyarsk Locomotive and Car Repairing Plant, the oldest enterprise of Krasnoyarsk Territory] Traditsii zovut vpered; iz istorii ordena Trudovogo Krasnogo Znameni Krasnoyarskogo parovozno-vagonoremontnogo zavoda—stareishago predpriyatiya Krasnoyarskogo kraia. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1965. 305 p. (CSI-H)
- TROITSKI, KH. L., and L.I. BLANK [Economics, organization and planning for the operation and repair of building machinery and equipment] Ekonomika, organizatsiya i planirovaniye okupatatsii i remonta stroitel'nykh mashin i oborudovaniya. Moskva, Stroiizdat, 1966. 201 p.
- TUZOZ, N.P. [The paths of transition to socialism are various] Puti perekhoda k sotsializmu mnogoobrazny. Leningrad, Znanie, 1966. 44 p.
- URLANIS, B.TS. [Growth of the population in the U.S.S.R.] Rost naseleniya v SSSR. Moskva, Statistika, 1966. 36 p. (Statistika dlia vsekh)
- UTKIN, E.A. [Along the road of independence; on the development of liberated countries along the path of social progress and national independence] Dorogoi nezavisimosti; o razvitiy osvobodivshikhsia stran po puti sotsial'nogo progressa i natsional'noi nezavisimosti. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no. 11)
- VAG, L.A. [Payment for capital assets and their efficient use] Plata za proizvodstvennye fondy i effektivnost' ikh ispol'zovaniya. [Moskva, Ekonomika, 1966] 31 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 8)
- VAGANOV, B.S., ed. [Foreign trade of socialist countries; problems of theory] Vneshnaya torgovlya sotsialisticheskikh stran; voprosy teorii. Moskva, Mezhdunarodnye otnosheniya, 1966. 252 p.
- VAN, V.L. [Economics of the power industry] Ekonomika energetiki. Khar'kov, Izd-vo Khar'kovskogo gos.univ., 1966. 271 p.
- VOROTILOV, V.A., and I.U. S. MAKOV. [Planning and analysis of the use of capital assets in industry] Planirovaniye i analiz ispol'zovaniya osnovnykh promyshlennno-proizvodstvennykh fondov. [Leningrad] Lenizdat, 1966. 121 p.
- VYSHECHAPAN, A.G., and M.E. MEL'MAN. [Food products] Prodovol'stvennye tovary. Izd. 2., ispr. i dop. Moskva, Ekonomika, 1966. 462 p.
- WHITE RUSSIA. Statisticheskoe upravlenie. [Industry of the White Russian S.S.R.; a statistical abstract] Promyshlennost' Belorusskoi SSR; statisticheskiy sbornik. Minsk, Statistika, 1965. 479 p.
- [WORK-INSPIRING WORD] Slovo, vdokhnovivshieshe na trud. Astrakhan', Volga, 1964. 47 p. (CSI-H)
- [WORLD AGRICULTURE] Mirovye sel'skoe khoziaistvo. Izd. 2., perer., i dop. [By] I.S. Kuvshinov i dr. Moskva, Kolos, 1966. 543 p.
- [YOUR NAMES ARE AMONG THE HEROES] Sredi geroev vashi imena. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1965. 324 p. (CSI-H)
- ZAITSEV, A.V., and A.P. LYSENKOV. [Public bureau of economic analysis on a state farm] Obshchestvennoe biuro ekonomicheskogo analiza v sovkhوزه. [Moskva] Profizdat, 1964. 36 p. (Biblioteka sel'skogo profsojuznogo aktivista, no. 9 (53))
- ZAMAKHOVSKAYA, A.G., N.D. KOGAN, and N.V. LAPINA. [Economics and the organization of ship repair] Ekonomika i organizatsiya sudoremonta. Moskva, Transport, 1966. 366 p.
- ZIMIN, V.N., and D.I. POPOV. [Economic use of metal] Ekonomika metatlov. Moskva, Ekonomika, 1966. 162 p.
- ZYKOV, A.N. [Builders of the future; from practices of mass-political work during the construction of the Bratsk Hydroelectric Power Station] Tvortsy budushchego; iz opyta massovo-politicheskoi raboty na stroitel'stve Bratskoi GES. Irkutsk, Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 105 p. (CSI-H)

6. POLITICAL SCIENCE

- ALLAKHAROV, F.G. [Merging the cultures of Soviet socialist nationalities during the period of the building of communism] Sblizheniye kul'tur sovetskikh sotsialisticheskikh natsii v period stroitel'stva kommunizma. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 135 p.
- ASHKABAD. INSTITUT ISTORI PARTII. [Studies in the history of the Communist Party of Turkmenistan] Ocherki istorii Kommunisticheskoi partii Turkmenistana. Red. kollegiya: Sh. Tashliev i dr. Izd. 2., dop. Ashkhabad, Turkmenistan, 1965. 815 p.

- BAKHSHIEV, D.IU. [New features in the Statute of the CPSU] Novoe v ustave KPSS. [Moskva] Moskovskii rabochii, 1966. 46 p. (Seriya "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")
- BONDAR', V.IA. [The national liberation movement] Natsional'no-osvoboditel'noe dvizheniye. [Moskva] Izd-vo Mosk. univ., 1965. 34 p.
- CHETVERIKOVA, M.P. [The development of the creative activity of the masses] Razvitiye tvorcheskoi aktivnosti mass. [Moskva] Moskovskii rabochii, 1966. 29 p. (Seriya "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")
- DIRENOK, E.D. [The Bolshevik Organization in Polesye in the struggle against the Tsarist regime, 1903-March 1917] Poleskaya organizatsiya bol'shevikov v bor'bu protiv tsarizma, 1903-mart 1917 gg. Minsk, Belarus', 1965. 108 p. (CSI-H)
- DOLGIKH, V.N. [Visual agitprop] Naглядnaya agitatsiya. [Kursk] Kurskoe knizhnoe izd-vo, 1964. 98 p. (Iz opyta partinnoi raboty) (CSI-H)
- DUSHANBE. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Kafedry istorii KPSS i politekonomii. [Studies of the Departments of History of the CPSU and Political Economy] Uchenye zapiski. Dushanbe, Ifron, 1964. 174 p. (CSI-H)
- [FROM KNOWLEDGE TO CONVICTIONS; an aid for propagandists of Marxist-Leninist philosophy] Ot znanii k ubezhdeniyam; v promoshch' propagandistam marksistsko-leninskoi filosofii. [Kulbyshev] Kulbyshevskoe knizhnoe izd-vo, 1965. 266 p. (CSI-H)
- GONCHAROV, V.N. [Workers' economic education during the period of the large-scale building of communism] Ekonomicheskoe obrazovaniye kadrov v period razvernutoho kommunizma. Barnaul, Altayskoe knizhnoe izd-vo, 1965. 129 p. (MH)
- IROSHNIKOV, M.P. [Formation of the Soviet central government apparatus; the Council of People's Commissars and the people's commissariats, October 1917-January 1918] Sozdaniye sovetskogo tsentral'nogo gosudarstvennogo apparata; Sovet Narodnykh Komissarov i narodnye komissariaty, oktyabr' 1917 g. - yanvar' 1918 g. Moskva, Nauka, 1966. 280 p.
- KARPOV, G.D. [Ideological sabotage by the enemies of peaceful coexistence] Ideologicheskie diversii protivnikov mirnogo sushchestvovaniya. Moskva, Mezhdunarodnye otnosheniya, 1965. 149 p. (CSI-H)
- KELIN, V.N. [Characteristics of the ideological struggle of the two world systems] Osobennosti ideologicheskoi bor'by dvukh mirovykh sistem. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike, VII Seriya: Mezhdunarodnaya, no. 11)
- KOLODEZNEV, M.G. [To meet the great change, 1905-February 1917] Navstrechu velikomu povorotu, 1905-fevral' 1917 g. Moskva, Politizdat, 1965. 108 p. (Molodomu komunistu ob istorii KPSS) (CSI-H)
- KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOIUZA. [Statute of the Communist Party of the Soviet Union] Ustav Kommunisticheskoi partii Sovetskogo Soiuza. Moskva, [Politizdat] 1964. 267 p. (CY)
- KRAVCHENKO, A.S. [What the Congress has said on primary organization] Chto skazal s'ezd o pervichnoi organizatsii. [Moskva] Moskovskii rabochii, 1966. 47 p. (Seriya "XXIII s'ezd i voprosy partinogo stroitel'stva")
- MAKSYMENKO, M., M. DAVYDIK, and O. VERHUN. [Agent provocateurs in the West continue their work] Provokatory na Zakhodi prodolzhat' diatya. Kyiv, T-va kulturnykh zvlazkiv z ukrainstamy za kordonom, 1963. 40 p. (CaOTU)
- MARETINA, S.A. [The commune among the lesser peoples of Assam] Obshchina u mal'kikh narodov Assama. Moskva, Nauka, 1964. 10 p. (NIC)
- MARX, KARL, and FRIEDRICH ENGELS. [Manifesto of the Communist Party] Manifest Kommunisticheskoi partii. Moskva, Politizdat, [1906] 68 p.

MOROZOV, P.D. [New demands on the work with membership groups] *Novye trebovaniya v rabote s kadrami*. [Moskva] Moskovskii rabochii, 1966. 46 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Problems of ideological party work] *Voprosy ideologicheskoi raboty partii*. Moskva, Mysl', 1966. 270 p.

NAIDIS, I.G. [New stage of party leadership in economic matters] *Partinnoe rukovodstvo khoziashtvom na novom etape*. [Moskva] Moskovskii rabochii, 1966. 47 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

NKRUMAH, KWAME, Pres. Ghana. [I speak of freedom; a statement of African ideology. Translated from the English] *IA govoriu o svobode; izlozhenie afrikanской ideologii*. Moskva, Izd-vo Inostr. lit-ry, 1962. 301 p. platen. (OU)

ROGAVA, KH.P. [The Soviet socialist state in the period of its transition from socialism to communism] *Sovetskoe sotsialisticheskoe gosudarstvo v period perekhoda ot sotsializma k kommunizmu*. Tbilisi, Metsnereba, 1966. 241 p.

SALYCHEV, S.S. [Ideology and policy of the French Socialist Party, 1944-1964] *Ideologiya i politika Frantsuzskoi sotsialisticheskoi partii (1944-1964 gg.)*. Moskva, Mysl', 1966. 503 p.

SHUTAREV, G.I. [Growing role of the CPSU and the tasks of party work] *Vozrastanie roli KPSS i zadachi partinnoi raboty*. [Moskva] Moskovskii rabochii, 1966. 61 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

SMIRNOV, S.S. [The first rank] *Pervaya shrennga*. Moskva, Izd-vo polit. lit-ry, 1965. 181 p. (NIP)

[STUDIES ON THE HISTORY OF THE CPSU; an inter-departmental collection] *Naukovi pratsi z istorii KPSS; mizhvidomchyi naukovyi zbirnyk*. [Kyiv] Vyd-vo Kyivskoho univ. No. 1 - 1965 - (CAOTU)

SUSEEV, A.I. [Essays...] *Ocherki...* Eliasta, Kalmytskoe knizhnoe izd-vo, 1965. 83 p. (NIC)

SVINARENKO, A.N. [The high honor of being a Communist] *Vysokoe zvanie kommunist*. [Moskva] Moskovskii rabochii, 1966. 47 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

TERIAEV, G.V. [The highest phase of communism. General laws of the transformation of socialism into communism] *Vysshaya faza kommunizma. Obshchie zakonomernosti pererastaniya sotsializma v kommunizm*. Moskva, Mysl', 1966. 101 p. (Osnovy nauchnogo kommunizma)

TIAPKIN, N.K. [A propagandist answers a provocative question] *Propagandist otvechaet na ostryi vopros*. [Moskva] Moskovskii rabochii, 1966. 62 p. (Besedy o propagandistskom masterstve)

TOGLIATTI, PALMIRO. [Selected articles and speeches. Translated from the Italian] *Izbrannye stat'i i rechi*. Moskva, Politizdat, 1965. 2 v. (CSI-II)

VITUKHNOVSKII, A.L. [One day spent by the planet; notes on the work of a lecturer and internationalist] *Den' prozhityi planetoi; zamechi o trude lekтора-mezhdunarodnika*. Izd. 2, ispr. i dop. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 62 p. (CSI-II)

VSESOIUZNYI LENINSKII KOMMUNISTICHESKII SOIUZ MOLODEZHI. 15th s'ezd, 1966. [Resolutions and documents of the 15th Congress of the Communist Youth League] *Rezoliutsii i dokumenty*. [Moskva] Molodaya gvardia, 1966. 43 p.

7. LAW

AKADEMIIA NAUK URSS. Klev. Sektor derzhavy i prava. [The rights of workers and employees under Soviet labor law; a manual] *Prava robitnykiv i sluzhbovtsiv za radnans'kym trudovym zakonodavstvom; dovidnyk*. Kyiv, Naukova dumka, 1966. 319 p.

AKADEMIIA NAVUK BSSR. Minsk. Instytut filasofii i prava. [Problems of Soviet law and law observance at the present stage] *Voprosy sovetskogo prava i zakonnosti na sovremennom etape*. Minsk, Nauka i tekhnika, 1965. 253 p.

BERCHENKO, A.IA. [Educational role of Soviet law] *Vospitatel'naya rol' sovetskogo prava*. Moskva, Mysl', 1966. 77 p.

DZHALILOV, D.R. [Persons having the status of parties to civil actions] *Litsa, uchastvuyushchie v grazhdanskikh delakh litovskogo proizvodstva*. Dushanbe, Irfon, 1965. 67 p.

GINTSBURG, V.G., ed. [The procurator protest in criminal cases] *Protest prokurora po ugolovnym delam*. [By] M.I. Bazhanov i dr. Moskva, Iuridicheskaya literatura, 1966. 127 p.

KALASHNIKOVA, N.IA. [Guarantees of the rights of the witness, expert witness, interpreter and official witness in Soviet criminal procedure] *Garantii prav svidetelia, eksperta, perevodchika i ponatogo v sovetskom ugolovnom protsessе*. [Moskva] Izd-vo Mosk. univ., 1966. 38 p.

KICHIGINA, E.V. [Liability for the violation of traffic safety in city transportation] *Otvetstvennost' za narusheniye bezopasnosti dvizheniya gorodskogo transporta*. Moskva, Iuridicheskaya literatura, 1966. 123 p.

KIRILLOVA, M.IA. [Limitation of actions] *Iskovaia davnost'*. Moskva, Iuridicheskaya literatura, 1966. 164 p.

KLINOV, N.I., and V.T. PROKHOROV. [Production life and Soviet laws] *Zhizn' proizvodstva i sovetskie zakony*. Sverdlovsk, Sredne-Uralskoe knizhnoe izd-vo, 1965. 134 p.

LARIN, A.M. [An investigator's work with evidence] *Rabota sledovatelya s dokazatel'stvami*. Moskva, Iuridicheskaya literatura, 1966. 165 p.

MULLAEV, M.M., and I.A. IAKOVLEV, eds. [Problems of criminal law and criminal procedure] *Voprosy ugolovnogo i ugolovno-protsessual'nogo zakonodatel'stva*. Dushanbe, Irfon, 1964. 172 p. (CSI-II)

ORLOVA, N.V. [Marriage and family under private international law] *Brak i sem'ia v mezhdunarodnom chasnom prave*. Moskva, IMO, 1966. 252 p.

POLENOV, G.S. [Liability for offenses against law enforcement] *Otvetstvennost' za prestupleniya protiv poriadka upravleniya*. Moskva, Iuridicheskaya literatura, 1966. 135 p.

[PROCURATORIAL SUPERVISION IN THE U.S.S.R.] *Prokurorski nadzor v SSSR*. Moskva, Iuridicheskaya literatura, 1966. 330 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. [Program on collective-farm law for law schools] *Programma po kolhoznomu pravu dlia iuridicheskikh vysshikh uchebnykh zavedenii*. [n.p.] Rosvuzizdat, 1962. 9 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. [Program on procuratorial supervision in the U.S.S.R. for law schools] *Programma po prokurorskому nadzoru v SSSR dlia iuridicheskikh vysshikh uchebnykh zavedenii*. [n.p.] Rosvuzizdat, 1962. 11 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. [Program on Soviet financial law for law schools] *Programma po sovetskomu finansovomu pravu dlia iuridicheskikh vysshikh uchebnykh zavedenii*. [Moskva] Rosvuzizdat, 1962. 11 p.

SHCHEGLOV, V.N. [Relations between persons under civil procedure laws] *Grazhdanskoe protsessual'noe pravootnosheniye*. Moskva, Iuridicheskaya literatura, 1966. 166 p.

SMOLIARCHUK, V.I. [The laws governing labor litigation; procedural safeguards to protect the labor rights of workers and employees] *Zakonodatel'stvo o trudovykh sporakh; protsessual'nye garantii okhrany trudovykh prav robitnykh i sluzhashchikh*. Moskva, Iuridicheskaya literatura, 1966. 227 p.

UKRAINE. Laws, statutes, etc. [Statute on elections to province, district, town, rural, and settlement soviets of workers' deputies of the Ukrainian S.S.R. Approved by the Decree of the Presidium of the Supreme Soviet of the Ukrainian S.S.R. of October 3, 1950, with changes and additions. . . of January 11, 1963] *Polozhenie o vyborakh v oblastiye, raiony, gorodskoe, sel'skie i poselkovye Sovety deputatov trudashchikha Ukrainskoi SSR*. Ulverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Ukrainskoi SSR ot 3 oktabria 1950 g., s izmeneniyami i dopolneniyami. . . ot 11 yanvarya 1963 g. Kiev, Izd-vo polit. lit-ry Ukrainy, 1965. 31 p. (CSI-II)

8. EDUCATION

[ADMISSION RULES AND EXAMINATION REQUIREMENTS FOR THOSE ENTERING SPECIAL SECONDARY (TECHNICAL, VOCATIONAL AND NORMAL) SCHOOLS OF THE U.S.S.R. IN 1966] *Pravila priema i programmy vstupitel'nykh ekzamenov dlia postupaiushchikh v arednie spetsial'nye uchebnye zavedeniya SSSR (tekhnikumy, uchilishcha, shkoly) v 1966 godu*. Moskva, Vysshaya shkola, 1966. 63 p.

AKADEMIIA PEDAGOGICHESKIH NAUK RSFSR, Moscow. [Speech defects in schoolchildren of the primary grades of mass schools] *Nedostatki rechi u uchashchikh na nachal'nykh klassov massovoi shkoly*. Pod red. R.E. Levina. Moskva, Prosveshchenie, 1965. 164 p.

[FOLK DANCES WITH A THEME] *Narodnye sluzhbenye tantsy*. Moskva, Sovetskaya Rossiya, 1966. 102 p. (Biblioteka "V pomoshch' khudozhestvennoi samodelatel'nosti", no. 12)

GIL'D, A.P., B.A. GORKHMAN, and F.M. TALYSHEV. [Water polo training] *Trenirovka vaterpolista*. Moskva, Fizkul'tura i sport, 1966. 166 p.

GUSHCHIN, A.P. [Target shooting with a small-caliber pistol and revolver] *Sportivnaya strel'ba iz malokalibernogo pistolota i revolvra*. Moskva, Izd-vo DOSAAF, 1965. 132 p.

[HANDBOOK FOR STUDENTS ENTERING INSTITUTIONS OF HIGHER EDUCATION OF THE UKRAINIAN S.S.R. IN 1966] *Dovidnyk dlia vstupnykh do vysshikh uchebnykh zakladiv Ukrain's'koi SSR na 1966 rik*. [Kyiv] Vyd-vo Kyivskoho univ., 1966. 254 p.

HRUSHKEVYCH, I.L. [S.V. Vasyl'chenko's pedagogic activity and views] *Pedagogichna diial'nist' i pedagogichni polihady S.V. Vasyl'chenka*. Kyiv, Radiane kna shkola, 1961. 61 p. (IU)

KHAKHAEV, E.T., comp. [Lenin's little "educational town" as a communist forge of the workers of Kabardino-Balkaria; a collection of reminiscences and documents] *Leninski uchebnyi gorodok - kommunisticheskaya kuznitsa kadrov Kabardino-Balkarii; sbornik vospominanii i dokumentov*. Na'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1964. 128 p. (CSI-II)

KUDELIN, P.G. [Where to rest on your day off; recreation zones of the Moscow area] *Gde otodhnut' v rekondit den'; Podmoskovnye zony otdykha*. [Moskva] Moskovskii rabochii, 1966. 92 p.

[LAUREL CROWN] *Vetka blagorodnogo lavra*. Moskva, Pravda, 1966. 63 p. (Biblioteka "Komsomol'skoi pravdy", no. 6)

MALIOVANOV, A.L. [The pedagogical tact in family education] *Pedagogicheski takt v semeinno vospitanii*. Moskva, Prosveshchenie, 1964. 44 p. (Knigi dlia roditel') (NIC)

MONOZON, E.I., ed. [Forming a philosophical outlook in students of eight-year schools during the course of instruction and work] *Formirovaniye mirovopozneniya uchashchikh na vos'miletnei shkoly v protsessе obucheniia i truda*. Moskva, Prosveshchenie, 1966. 254 p.

MOSCOW. GORODSKOI INSTITUT USOVERSHENSTVOVANIYA UCHITEL'EL. [A guide for teachers in covering the most difficult subjects in the program of primary grades; the second grade] *V pomoshch' uchitelu pri prokhozhenii naibolee slozhnykh tem programmy nachal'nykh klassov; vtoroi klass*. Moskva, Ogarkova, N.V. [Cards for independent work in arithmetic in the second grade; with some elements of self-control] *Kartochki dlia provedeniia samostoiatel'noi raboty po arifmetike vo vtorom klasse; s elementami samokontrolya*. 1966. 1 v.

MOSKOVKINA, A. D. [School matters are party matters; from experience in party guidance of the communist education of school children in the Kuban] Shkol'noe deio — deio partinnoe; iz opyta partinnoho rukovodstva kommunisticheskimi vospitaniam shkol'nikov Kubani. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1965. 81 p. (CSI-H)

[NEW BALLROOM DANCES] Novye bal'nye tantsy. Moskva, Sovetskaya Rossiya, 1966. 133 p. (Biblioteka "V pomoshch' khudozhestvennoi samodelatel'nosti," no. 4)

PETROSIAN — SPASSKII. Moskva, [Moskovskaya pravda] 1966. 63 p.

RYBAK, L. A. [Thinking in images and the literature lesson] Obraznoe myshlenie i urok literatury. Moskva, Prosveshchenie, 1966. 202 p.

SHKOL'NIKOV, L. S. [Stories about dances] Rasskazy o tantsakh. Moskva, Sovetskaya Rossiya, 1966. 127 p.

SVITOVA FEDERATSIIA UKRAINS'KYKH ZHINOCHNYKH ORGANIZATSII. [Konstantyna Malys'ka, educator of generations; public worker, pedagogue and writer] Vychovnytsia pokoini Konstantyna Malys'ka; hromads'ka diachka, pedagog i pys'mennitsia. Toronto, 1965. 124 p. (NN)

TARNOVYCH, IULIAN. [The Ukrainian Academic House in Lvov; a forge of the Ukrainian mind and character] Ukrains'kyi akademichnyi dim u Lvovi; kuznia ukrains'koho mozku i kharakteru. Toronto, Na storozhi, 1962. 79 p. (CAOTU)

VSESOJUZNYI LENINSKII KOMMUNISTICHESKII SOIUZ MOLODEZHI. Tsentral'nyi komitet. [Comrade; notebook of a Pioneer for the 1961/62 school year] Tovaryshch; zapiska knizhka pionera na 1961/1962 uchebnyi god. [Moskva] Molodai gvardiia [1961] 334 p. (NNC-T)

ZHIL'NIKOVA, V. M., ed. [Work education in the kindergarten; from the practices of the kindergartens of Moscow Province] Trudovoe vospitanie v detskom sadu; iz opyta raboty detskiikh sadov Moskovskoi oblasti. Moskva, Gos. uchebno-pedagog. izd-vo, 1963. 85 p. (NIC)

9. MUSIC, THEATER & MOTION PICTURES

AFONIN, L. N. [A tale about the Orel Theater] Povest' ob Orlovskom teatre. Tula, Priokskoe knizhnoe izd-vo, 1965. 243 p.

AVERKIN, A. P. [With a song in formation and at rest; a collection of songs (with accordion accompaniment)] S pesnei v stroiu i na privale; sbornik pesen (v soprovozhdenii balana). Moskva, DOSAAF, 1966. 159 p.

ERIVAN. GOSUDARSTVENNAIA RESPUBLIKANSKAI BIBLIOTEKA. [Khristofor Kara-Murza; a brief bibliography. Khristofor Kara-Murza; kratkai bibliografiia. Sost.: N. A. Teimurazian. Erevan] 1956. 89 p. [In Armenian] (CU)

HORDYNS'KA-KARANOVIYCH, D., and others. [Problems in musical historiography; articles and reviews. Apropos of A. Rudnyts'kyi's book "Ukrainian music"] Problemy muzychnoi istoriografii; statii ta retsenzii. Z pryvodu polavy knyzhky A. Rudnits'koho "Ukrains'ka muzyka." New York, 1965. 55 p.

[I LOVE OUR COUNTRY; a collection of pieces for singing] Liubliu nash kraj; repertuarnyi zbornik. Minsk, Viazda, 1966. 94 p. (Biblioteka gazety "Holos Radzimy")

KARTASHOVA, N. N. [Invitation to the dance; dairy of a ballet master] Priglasenie k tantsu; zapiski baletmeistera. [Cheliabinsk] Izuzhno-Ural'skoe knizhnoe izd-vo, 1965. 82 p. (NIC)

KHENTOVA, S. M. [Van Cliburn] Ven Klaiborn. Izd. 3., dop. Moskva, Muzyka, 1966. 106 p.

KREIN, I. G. [Debussy's and Ravel's instrumental chamber works] Kamerno-instrumental'nye ansambl'i Debussy i Ravela. Moskva, Muzyka, 1966. 107 p. (Biblioteka stuzhatelia kontsertov)

KHUCHECHNIKOV, N. V. [Speech in the movies] Slovo v fil'me. Moskva, Iskusstvo, 1964. 184 p. (VU)

KUDRIAVTSEV, I. F. [Goshia is in the arena] Na arene, Goshia. Izhevsk, Izd-vo Udmurtiia, 1964. 148 p. (MH)

LENINGRAD. GOSUDARSTVENNYI INSTITUT TEATRA, MUZYKI I KINEMATOGRAFII. [Stage direction in progress] Rezhissura v puti; sbornik statei. Leningrad, Iskusstvo [1966] 212 p.

MUKHA, A. I. [Principle of the program in music] Pryntsyp programnosti v muzytsi. Kyiv, Naukova dumka, 1966. 173 p.

[MUSICIANS AND COMPOSERS OF SOVIET LATVIA] Podomju Latvijas muzikas darbinieki. Riga, Liesma, 1965. 063 p. [In Latvian]

NEJEDLY, ZDENEK. [Selected works. Translated from the Czech] Izbrannye trudy. Moskva, Gos. muzyk. izd-vo, 1960. 516 p. (LU)

NOVSKI, L. A. [Birth of an actor] Rozhdenie aktera. Moskva, Molodai gvardiia, 1965. 126 p. (NCU)

PASTERNAKOVA, MARIA. [Ukrainian women in choreography] Ukrains'ka zhinka v khoreografi. 2. dop. vyd. Winnipeg, Nakladom Soluzu ukrainok Kanady, 1964. 238 p. (CU)

PAZOVSKI, A. M. [A conductor's notes] Zapiski dirizhera. Obshchala red. V. Kukharskogo. Moskva, Muzyka, 1966. 561 p.

SAMVELIAN, V. T. [Nadezhda Papalian. Translated from the Armenian] Nadezhda Papalian. Erevan, Atastan, 1965. 127 p.

[SHEVCHENKO AND MUSIC] Shevchenko i muzyka; zbirnik statei. Kyiv, Mystetstvo, 1966. 102 p.

SHTEINPRESS, D. S., and I. M. LAMPOL'SKII. [Encyclopedic music dictionary] Entsiklopedicheskii muzykal'nyi slovar'. Izd. 2., ispr. i dop. Moskva, Sovetskai Entsiklopediia, 1966. 631 p.

SLONOVA, N. I. [Actor's honor; I. A. Slonov on the stage and in life] Chest' akterskai; I. A. Slonov na scene i v zhizni. Moskva, Iskusstvo, 1960. 234 p.

SMILGIS, EDUARDS, ed. [Amateur art activities; an aid for the leaders of drama groups] Pasaarbilas skatuve; palige dramatisko putinu vaditajeni. Red. K. J. J. J. Riga, Latvijas Valsts izd-va, 1965. 249 p. [In Latvian] (MH)

SURITS, E. I. A., comp. [Everything about the ballet; a dictionary manual] Vse o baleti; slovar'-spravochnik. Pod red. I. I. Slonimskogo. Moskva, Muzyka, 1966. 453 p.

TIULIN, I. U. N. [Theory of harmony] Uchenie o garmooni. Izd. 3., ispr. i dop. Moskva, Muzyka, 1966. 222 p.

TSETETELI, K. D. [The youth of the screen; outline history of the Georgian silent motion pictures] Iunost' ekrana; ocherki istorii gruzinskogo nemogo kino. [Tbilisi, Literatura da kineiroba, 1965] 148 p. (NIC)

[UKRAINIAN MUSIC STUDIES, 1964; a methodological interdepartmental annual] Ukrainakoe muzykovedenie 1964; nauchno-metodicheski mozhvedomstvennyi ezhegodnik. Kiev, Mystetstvo, 1966. 336 p.

VAISFELD, I. V., comp. [The plot in movies] Sluzhet v kino; sbornik statei. Moskva, Iskusstvo, 1965. 328 p. (Voprosy kinodramaturgi, no. 5) (MH)

VANSLOV, V. V. [The works of Shostakovich; for his 60th birthday] Tvorchestvo Shostakovicha; k 60-letiiu so dnia rozhdenia. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. VI Seriya: Literatura i Iskusstvo, no. 10)

VERTOV, DZIGA. [Dziga Vertov; articles, diaries, projects] Dziga Vertov; statii, dnevniki, zamysly. Moskva, Iskusstvo, 1966. 319 p.

VSESOJUZNYI GOSUDARSTVENNYI FOND KINOFIL'MOV. "Chapaev." Moskva, Iskusstvo, 1966. 212 p. illus. (Shchedvy sovetskogo kino)

ZHDAN, V. N. [Specific character of motion-picture portrayal] Speisifika kinoobraza. Moskva, Iskusstvo, 1965. 172 p. (MH)

ZHDANOV, L. T. [Matia Plisetskai; a photographic album] Matia Plisetskai; fotoalbum. Moskva, Iskusstvo, 1965. 1 v. (chiefly illus.) [In Russian, English, and French]

10. FINE ARTS

AVDYSHEV, A. I. [Kizhi album; engravings] Kizhskii album; graviury. [Petrozavodsk, Karel'skoe knizhnoe izd-vo, 1965] 1 v. (chiefly illus.) [Parallel texts in 5 languages]

DATANOVA, E. I., and N. V. VORONOV. [Soviet ornamental glassware] Sovetskoe khudozhestvennoe steklo. Moskva, Iskusstvo, 1964. 145 p. 113 plates.

BILBIN, I. IA, I. Bilbin. [Moskva, Sovetskii khudozhnik, 1961] 1 v. (chiefly illus.) (CU)

FEODOSIYA, KARTINNAIA GALERIJA IMENI I. K. AIVAZOVSKOGO. [The I. K. Aivazovskii Picture Gallery in Feodosiya; a guidebook] Feodosiiskaia kartinnai galeriia imeni I. K. Aivazovskogo; putevoditel'. [Kyiv, Mystetstvo, 1965] 84 p. illus., 24 plates. (NIC)

GLINKA, V. M., and A. V. POMARNATSKII, eds. [The Patriotic War of 1812 in artistic and historical monuments from the collections of the Hermitage] Otchestvennaia Volna 1812 goda v khudozhestvennykh i istoricheskikh pamiatnikakh iz sobrani Ermitazha; [a/bom] Leningrad, Izd-vo Gos. Ermitazha, 1963. 143 p. 93 plates (NNC)

GORIACHEV, A. D., and E. E. ELIASBERG. [Methods of visual representation; a manual for students] Metody nagladnogo izobrazhenia; posobie dlia studentov. Moskva, Prosveshchenie, 1965. 230 p. illus.

GOSUDARSTVENNYI NAUCHNO-ISLEDOVATEL'SKII MUZEI ARHITEKTURY IMENI A. V. SHCHUSEVA. [Russian wood architecture] Russkoe dereviannoe zodchestvo. Moskva, Sovetskii Khudozhnik, [1965] 21 p. 85 illus. [In Russian and English]

GREKOVA, T. T. [M. Grekov, singer of an heroic feat] Povest' podviga M. Grekov. Moskva, Voenizdat, 1966. 97 p. illus.

KAPTEREVA, T. P. [El Greco; a monographic sketch] El Greko; monograficheski ocherk. Moskva, Iskusstvo, 1965. 104 p. illus., plates. (MH)

KRYZHITSKII, G. K. [Fate of an artist; reminiscences about K. I. Kryzhitaki] Sud'ba khudozhnika; vospominania o K. I. Kryzhitakom. Kiev, Mystetstvo, 1966. 67 p. illus.

KUZNETSOVA, I. U. P. [Fedor Denisovich Konstantinov] Fedor Denisovich Konstantinov. Moskva, Sovetskii Khudozhnik, 1965. 103 p. (NCU)

LABUNSKAIA, G. V. [Discussions on painting] Besedy o zhivopisi. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. X Seriya: Molodezhnaya, no. 10)

LAPINS, A. [Franciska Varslavans; his life and work] Franciska Varslavans; dzivo un darba. Riga, Liesma, 1965. 49 p., 48 plates. [In Latvian]

MESTECHKIN, G. A. Hanna Sobachko. Kyiv, Mystetstvo, 1965. 40 p. illus. [Text in five languages] (RPB)

- MOSCOW. IUVILEINNA KHUDOZHNIYA VYSTAVKA, PRY-SVIACHENNA 150-RICHCHU Z DNIYA NARODZHENNIA T. H. SHEVCHENKA. [Jubilee Art Exhibition dedicated to the 150th Anniversary of the birth of T. H. Shevchenko] IUVileinna khudozhniya vystavka, pryvslachena 150-richchihu z dnia narodzhennia T. H. Shevchenka. Kyiv, Myetystvo, 1965. 21 p. (chiefly illus.) [In Ukrainian, Russian, and English]
- OVSIANNIKOV, I. M. [Sculptor in a red robe; Natalia Iakovlevna Dan'ko and her work] Skul'ptor v krasnomu khatalate: Natal'ia Iakovlevna Dan'ko i ee tvorchestvo. [Moskva, Sovetskii khudozhnik, 1965] 103 p. (MH)
- [PATHS OF DEVELOPMENT OF RURAL HOUSING CONSTRUCTION] Puti razvitiia sel'skogo zhiishchynogo stroitel'stva v SSSR. Moskva, 1961. 59 p. (DHF)
- REPIN, I. E. [Far and near] Dalekoe-blizkoe. [Izd. 7] Moskva, Iskusstvo, 1964. 511 p. illus. (TNJ)
- RYNDINA, O. M. Pavel Alekseevich Vlasov, 1857-1935. Leningrad, Khudozhnik RSPSR, 1965. 64 p. illus. (MH)
- SARAD'IANOV, D. [Russian painting of the 19th century] Russkaia zhivopis' XIX veka. Moskva, Izgiz, 1962. 10 p. 04 plates.
- TSAMTSISHVILI, A. I. [Georgian art workers abroad. Gruziny - dielateli iskusstva za rubezhom. Tbilisi] 1962. 101 p. [In Georgian] (CLU)
- USHENIN, KH. A. Petr Aleksandrovich Krivonogov. Moskva, Sovetskii khudozhnik, 1965. 47 p. (NCU)
- VTUNIK, V. A. [The Square of the Arts] Ploshchad' Iskusstv. [Leningrad] Leningrad, 1966. 132 p. (Dostoprimechitel'nosti Leningrada)
- [WORKERS IN RUSSIAN CULTURE] Delateli russkoi kul'tury. Moskva, Izd-vo Sovetskii khudozhnik, 1960-1 v. of ports. in folder. (IU)
- ## 11. LANGUAGE, LITERATURE & FOLKLORE
- [A. N. OSTROVSKII IN THE REMINISCENCES OF HIS CONTEMPORARIES] A. N. Ostrovskii v vospominaniakh sovremennikov. [Moskva] Khudozhestvennaya literatura, 1966. 630 p. (Serlia literaturnykh memuarov)
- ABDUKAKHKhAR, SAMIG. [Strong hand; new stories. Translated from the Uzbek] Sil'naya ruka; novye rasskazy. [Tashkent] Tashkent, 1965. 83 p. (IU)
- [ADVENTURES; a collection of tales and stories of adventure] Priklucheniia; sbornik prikluchencheskikh povestei i rasskazov. [Moskva] Molodaiia gvardiia, 1966. 447 p.
- AGEEV, N. E. [Sunny heart; verse and a poem] Solnechnoe serdtsie; stikhi, poema. Moskva, Sovetskaiia, 1965. 100 p. (Poeticheskaiia Rossiia) (NIC)
- AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [Correspondence between A. M. Gorkii and I. A. Gruzdev] Perepiska A. M. Gor'kogo s I. A. Gruzdevym. Moskva, Nauka, 1966. 382 p. (Arkhiv A. M. Gor'kogo, vol. 11)
- AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [Problems of ancient literature and classical philology] Voprosy antichnoi literatury i klassicheskoi filologii. [Moskva] Nauka, [1966] 634 p.
- AKADEMIIA NAUK SSSR. Institut narodov Azii. [A terrible night; short stories by Algerian writers. Translated from the Arabic and French] Strašnaya noch'; novyie aizhrekikh pisatelei. Moskva, Nauka, 1966. 118 p. (Sovromennaya vostochnaya novella)
- AKADEMIIA NAUK SSSR. Institut russkoi literatury. [Russian-European literary ties; a collection of studies on the occasion of M. P. Alekseev's 70th birthday] Russko-evropeiskie literaturnye svyazi; sbornik statei k 70-letiiu so dnia rozhdeniia akademika M. P. Alekseeva. Moskva, Nauka, 1966. 473 p.
- AKADEMIIA NAUK URSS. Kiev. Institut movoznavstva. [Ukrainian manuscripts of the 15th century] Ukrain-s'ki hramoty XV st. Kyiv, Naukova dumka, 1965. 162 p. (Pamiatky ukrains'koi movy XV st. Serlia lurydychnoi literatury)
- AKADEMIIA NAUK URSS. Kiev. Institut mystetstvo-znavstva, fol'kloru i etnografii. [Folk poetry] Narodna poetychna tvorchist'. [Kyiv] Radians'ka shkola, [1965] 417 p. (VIU)
- AKADEMIIA NAUK URSS. Kiev. Ukrain'ska onomastychna komisliia. [Onomastics] Onomastyka. Kyiv, Naukova dumka, 1966. 180 p. (Respublikans'kyi mizhvidomchyi zbirnyk. Serlia "Pytannia movoznavstva")
- AKADEMIIA NAVUK BSSR. Minsk. Institut literatury. [History of Soviet White Russian literature in two volumes] Istoryia belaruskaii savetskaii literatury u dyvkh tsmakh. Minsk, Navuka i tekhnika, Vol. 2. [1941-1964] 1941-1964 hh. 1966. 605 p.
- AKITANOV, TAKHIAVI. [The sorrow of love; tales and stories] Pechal' liubvi; povesti i rasskazy. Alma-Ata, Zhazushy, 1965. 226 p. (IU)
- AKOPIAN, AKOP. [Verse. Translated from the Armenian] Stikhi. Moskva, Khudozhestvennaya literatura, 1966. 246 p. (Biblioteka sovetskoi poezii)
- AKSENOV, V. P. [Halfway to the moon; a book of stories] Na polputi k Lune; kniga russkazo. [Moskva, Sovetskaiia Rossiia, 1966] 181 p.
- ALAGER, VASILII. [At the crossroads; a tale] Na peroput'e; povest'. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965. 63 p. (IU) (MH)
- ALESIN, N. P. [Countrymen; a tale] Zemliaki; povest'. Arosnivi'. Verkhnevolzhskoe knizhnoe izd-vo, 1965. 180 p. (IU)
- AMAEV, M. A., and S. TUMANOV. [Writers of Soviet Dagestan; a manual] Pisateli sovetskogo Dagestana; spravochnik. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1964. 169 p. (NNC) (WU)
- [THE AMBER ROOM; a collection of science-fiction and adventure tales and stories] IAntarnaia komnata; sbornik nauchno-fantasticheskikh i prikluchencheskikh povestei i rasskazov. Leningrad, Gos. izd-vo detetskoi lit-ry, 1961. 813 p. (IU)
- AMIRKIAN, FATIKH. [Selected works. Izbrannye proizvedeniia. Kazan, Tatknigizdat] 1957- [In Tatar] (InU)
- ANDIEVS'KA, EMMA. [Elements] Pervni. [Munich] Suchasnist', 1964. 34 p. (CIY) (NN)
- ANTOSHIN, E. A. [Flint steel; verse] Ognivo; stikhi. [Moskva, Mosk. rabochii, 1966. 89 p. (IU)
- ANTRUSHIN, A. D., and L. USPENSKII. [Companion for a fifteen-year-old captain] Sputnik pntnadtsatiletnego kapitana. Leningrad, Gos. izd-vo detetskoi lit-ry, 1955. 412 p. (Dna starshogo vozrasta) (IU)
- ANUCHINA, E. N. [Savoyard Boulevard; from unfinished notes] Savoyarskii bul'var; iz nakochnennykh zapisk. Moskva, Mosk. rabochii, 1965. 98 p. (NIC) (NIP)
- ARENSTEIN, A. I. ["Nina" will stay in Baku; a tale] "Nina" osiatetsia v Baku; povest'. [Izd. 2.] Moskva, Detskaiia literatura, 1966. 205 p. (Shkol'naiia biblioteka)
- [AT THE TRIAL OF A. SINYAVSKY AND YU. DANIEL] Sinyavskii i Daniel'na skam'e podsudimnykh. New York, Mezhdunarodnoe literaturnoe sdruzhestvo, 1966. 128 p. [In French and Russian]
- AVAKIAN, SMBAT. [From the history of the periodical press of the Baku Commune. Iz istorii periodicheskoi pechatii Bakinskoi kommuny. Erevan, Arman-skoe gos. izd-vo] 1962. 176 p. [In Armenian] (MH)
- BADAEV, MAMARSUL. [Selected works. Izbrannye proizvedeniia. Tashkent, Goslitizdat UzSSR] 1958. 414 p. [In Uzbek] (InU)
- DADKIN, A. M., and V. V. SHENDETISOV. [Dictionary of foreign expressions and words, used untranslated in the Russian language, in two books] Slovar' ino-azychnykh vyrazhenii i slov, upotrebliaushchikhsia v russkom yazyke bez perevoda v dvukh knigakh. Moskva, Nauka, 1966. 2 v.
- BAHRIANYI, IVAN. [A man running on the brink of a precipice; a novel] Liudyna blizhyt' nad prirvolyu; roman. Neu-Ulm, West Germany, "Ukraina," 1965. 331 p.
- BAKLANOV, G. I. [July of 1941; a novel] Iul' 41 goda; roman. Moskva, Sovetskii pisatel', 1965. 266 p. (CU)
- BAKUMENKO, D. O. [Sun in formation; verse] Solntse v stroiu; stikhi. Moskva, Voen. izd-vo, 1965. 124 p. (IU)
- BALAKAEV, M. [Kazakh: its grammar, orthography and language development; textbook for the 4th grade of elementary schools] Kazak tili: grammatika, emle, til danyty; bastynaysh mektepli 4 klasyia arnalgan okulyk. On birnaisd baslylyb. Almaty, Kazaktyn melektilik oku-pedagogika baspasy, 1967. 140 p. [In Kazakh]
- BAISKIN, V. I. [Volga tales] Volzhskie povesti. Moskva, Detskaiia literatura, 1966. 287 p. (Shkol'naiia biblioteka)
- BARAK, VASYL'. [Psalm of the field of doves; poetry] Psalmom golubynogo polia; poezii. New York, Solovo, 1958. 32 p. (IU)
- BATURIN, A. A. ["I shall return soon..."] "IA skoro vernus'..." [Moskva, Molodaiia gvardiia, 1965] 237 p. (NIC)
- BAZDYREV, A. G. [If you are a man; tales and stories] Est li chelovek; povesti i rasskazy. Barnaul, Altai-skoe knizhnoe izd-vo, 1965. 114 p. (IU) (NIC)
- BAZHAN, M. P. [Works in two volumes; poetry and narrative poems] Tvery v dvukh tomakh; poezii i povesti. Kyiv, Dnipro, 1965. 2 v. (NNC)
- BEDNYI, DEMTIAN. [Everyday exploits; verse and songs] Podvly ezhdnevnyi; stikhi i pesni. [Moskva, Voenizdat, 1966] 239 p.
- BELEN'KII, G. B. [Don't rob yourself] Ne obvorot sobia. Moskva, Sovetskaiia Rossiia, 1965. 169 p. (Kortikle povesti i rasskazy) (IEN) (MH)
- BELKINA, M. I. [Man and the mountain; sketches] Chelovek i gora; ocherki. Moskva, Sovetskii pisatel', 1965. 261 p. (NIC)
- BELKINA, M. I. [There is no end to the road] Doroge net konca. Moskva, Izd-vo polit. lit-ry, 1965. 140 p. (Vremia i ljudi) (NIC)
- BELOUSOV, V. N. [Walled-in letters; a tale and stories] Zamurovannyye pis'ma; povest' i rasskazy. Tula, Priokskoe knizhnoe izd-vo, 1965. 125 p.
- BILETS'KYI, O. I. [Collected works in five volumes] Zibramnia prats' u p'laty tomakh. Red. kolegiia: M. K. Hudzil ta inshi. Kyiv, Naukova dumka. Vol. 3. [Soviet Ukrainian literature, theory of literature] Ukrain'ska radians'ka literatura, teoriia literatury, 1966. 606 p.
- BILOKON', N. H. [The jeers of Uncle Savka; humor and satire] Shchyapavky diad'ka Savky; humor ta satyra. [Odesa, Malak, 1965] 61 p. (IU)
- BIIRUKOV, N. Z. [In sleep passes; a narrative of the centuries-long path of struggle and achievement of our people] Na krutykh perevalakh; povostovanie o vekovom puti bor'by i sversheni nashogo naroda. Simferopol', Izd-vo Krym. Vols. 1-2. 1965. 2 v. (MH)

- BIRYLA, M.V. [White Russian anthroponymy; personal, descriptive, and patrimonial names, and nicknames] Belaruskaja antropanymika; uiasnyia imiony, imiony-mianushki, imiony pa bats'ku, prozvischy. Minsk, Navuka i tekhnika, 1966. 326 p.
- BIRZE, MIERVALDIS. [Accidentally overheard conversations; frivolous short stories] Nejausi noklausitas sarunas; nenopietni stasitini. Riga, Izd-ba Liesma, 1965. 180 p. [In Latvian] (MH)
- BOLESLAVSKII, L.I. [Heart beats] Udry serditsa. Khar'kov, Prapor, 1966. 49 p.
- BOL'SHAK, V.H. [The insult; a novel] Ohida; roman. Moskva, Sovetskii pisatel', 1965. 386 p. (IU)
- BONDAREV, I.U.V. [Quiet. Two] Tishina. Dvoe. Moskva, Sovetskii pisatel', 1964. 399 p. (NHD)
- BORNHOE, EDUARD. [Works; historical tales] Teosed; ajaloolised jutustused. Tallinn, Eesti Riiklik Kirjastus, 1964. 340 p. [In Estonian]
- BRIANTSEV, G.M. [On thin ice; tales] Po tonkomu l'du; povesti. Moskva, Voennoe izd-vo, 1964. 1 v. (Voennyye prikluchenia) (IU)
- BRYL', I.A. [The beginning of maturity] Pachatak stalastsi. Minsk, Dzharzh.vyd-va BSSR, 1957. 133 p. (IU)
- BULANOV, I.A. [To you, life] Tebe, zhizn'. Moskva, Sovetskaja Rossia, 1965. 262 p. (IU)
- BUNIN, I.A. [Collected works] Sobranie sochinenii. Pod obshech. red. A.S. Miasnikova, B.S. Riurikova, A.T. Tvardovskogo. Moskva, Khudozhestvennaja literatura, 1965. 9 v. (Wau)
- BUSHMAN, I.N. [The poetic art of Mandel'shtam] Poeticheskoe iskusstvo Mandel'shtama. Munich, Int po izucheniu SSSR, 1964. 73 p. (NHD)
- ČAPEK, KAREL. [R.U.R. The Makropoulos secret. War with the newts. Fantastic stories. Translated from the Czech] R.U.R. Sredstvo Makropulosa. Volna s salamandrami. Fantasticheskie rasskazy. Moskva, Mir, 1966. 564 p.
- CHAIKOV'SKYI, ANDRII. [Escape from the Tatars. Prodigal son; stories for young people] Z tatars'koi nevoli. Bludnyi syn; opovidannia dla molodi. Winnipeg, Tryzub, 1963. 102 p.
- CHALMAEV, V.A. [Literature of the fate of a people; about the paths of development and innovation of Soviet multinational literature] Literatura sud'by narodnoi; o putiakh razvitiia i novatorstve sovetskoi mnogonatsional'noi literatury. Moskva, Znaniye, 1966. 157 p. (Narodnyi universitet; Fakul'tet literatury i isskustva, nos.5/6)
- CHAVAIN, S.G. [Elnet; a novel. Translated from the Cherevits] Elnet; roman. Ioskar-Ola, Martiskoe knizhnoe izd-vo, 1969. 103 p. (IU)
- CHEKHOVA, Z.K. [Death cannot take such people] Smert'iu takikh ne vziat'. Murmansk, Knizhnoe izd-vo, 1965. 91 p. (IEN)
- CHIRVA, F.E. [In the morning the sky is blue; a novel] Utrom nebo goluboe; roman. Alma-Ata, Zhazushy, 1965. 223 p. (NIC)
- [CHRISTOMATHY OF UKRAINIAN LITERATURE] Khrestomatiia z ukrains'koi literatury. Vyd.2. pereroblene. [L'viv] Vyd-vo L'viv's'koho univ., 1966. 727 p.
- [CONTEMPORARY TURKISH POETRY. Translated from the Turkish] Turetskaia poeziia nashikh dnei. Moskva, Izd-vo inostr.lit-ry, 1968. 133 p. (CIY)
- DAGUROV, V.G. [Sunny wind; verse] Solnechnyi veter; stikhi. Moskva Molodai gvardia, 1965. 87 p. (NIC)
- DANLOV, S.P. [My north; verse and a poem. Translated from the Yakut] Sever mol; stikhi i poema. Moskva, Khudozhestvennaja literatura, 1965. 207 p. (IU)
- DANILOV, SOFRON. [Two in the tundra; stories. Translated from the Yakut] Dvoe v tundre; rasskazy. Iakutsk, Iakutskoe knizhnoe izd-vo, 1965. 293 p. (MH)
- DANYLENKO-SLOBIDSKYI, KOST'. [Unfinished song; a collection of lyric and epic poems] Nedospivanna piania; zbirka lirichno-epichnykh poezii. New-York, West Germany [Ukrains'ki visti] 1966. 76 p.
- DAVYDOV, I.IU. [Fighters have left on assignment; a tale and stories about partisans] Bol'tey ushli na zadanie; povest' i rasskazy o partizanakh. Moskva, Voenizdat, 1966. 213 p.
- DAVYDOV, S.I., and I.U.D. SEVERINENKO. [Russian literature] Russkaja literatura. Moskva, Vyeshala shkola, 1965. 550 p. (MIDW)
- DEMENT'EV, A.G. [At the new stage; articles on literature] Na novom etape; stat'i o literature. Moskva, Sovetskii pisatel', 1965. 505 p. (NIC) (RPB)
- DICHAROV, Z.L. [In that country; stories] V tom kraiu; rasskazy. Moskva, Voenizdat, 1966. 135 p. (Biblioteka soldata i matrosa)
- DOMASHOVETS', HR. [By new roads; stories] Novymy shchinkhamy; opovidannia. Hartford, Conn. 1957-63. 2 v. in 1. (IU)
- DOROSHO, P.O. [Alarm in the night; a dramatic poem] Spolokh u nochi; dramatychna poema. Kyiv, Radian's'kyi pys'mennyk, 1965. 167 p. (IU)
- DOSTOEVSKII, F.M. [F.M. Dostoevskii at work on the novel "A raw youth." F.M. Dostoevskii v rabote nad romanom "Podrostok"; tvorcheskie rukopisi. Moskva, Nauka, 1965. 517 p. (Literaturnoe nasledstvo, vol.77) (CIU)
- DRAGONSKII, V.I. [Today and everyday; a tale] Segodnia i ozhe dnevo; povest'. Moskva, Sovetskaja Rossia, 1965. 141 p. (IEN) (MH)
- DRIGO, S.V. [Good wishes to you, people; verse] Dobra vam, ljudi; stikhi. [Kalinigrad] Kalinigradskoe knizhnoe izd-vo, 1965. 37 p. (IEN) (IU) (NIC)
- DRILINGA, A.F. [Selected lyrics. Izbrannai lirika. Moskva] Molodai gvardia, 1960. 31 p. (Biblioteka izbrannoi liriki)
- DUZENOV, MUKHAMEDZHAN. [The path is short yet long; collected plays. Put' korotki, no dolgi; sbornik p'es. Alma-Ata, Izd-vo "Kazakhstan," 1964. 110 p. [In Kazakh] (MH)
- EDSCHMID, KASIMIR. [Kasimir Edschmid's selected works] Vybranyi Kasimir Edschmid. Munich, Na hori, 1960. 135 p. illus., facsim. (Seria "Dlia amatoriiv") (IU)
- EKKERT, V.K. [German orthography; spelling and punctuation; a textbook for teachers] Nemetskaja orfografiia; pravopisanie i punktuatsiia. Posobie dlia prepodavatelei. Moskva, Gos. uchebno-pedagog. izd-vo, 1969. 143 p. (NIC)
- ELIZAVETIN, G.V. [There will be no volte-face! A tale] Smeny vokh ne budet! Povest'. Moskva, Sovetskaja Rossia, 1965. 68 p. (Korotkie povesti i rasskazy) (NIC)
- EMTSEV, M.T., and E.I. PARNOV. [The green shirt] Zelenaia krovetka. Moskva, Detskaja literatura, 1966. 300 p.
- FEDIN, K.A. [How we write] Kak my pishem. Moskva, Sovetskaja Rossia, 1960. 91 p. (Pisatel i tvorchestvo)
- FEDOTOV, A.V. [Commandant Joel] Komandante Dzhoel'. Moskva, Sovetskaja Rossia, 1966. 134 p.
- FEIN, G.N. [L.N. Tolstol's novel "War and peace"; an integral analysis. From a teacher's work experience] Roman L.N. Tolstogo "Volna i mir"; teostatnyi analiz. Iz opyta raboty uchiteila. Moskva, Prosveshchenie, 1966. 273 p.
- FEUCHTWANGER, LION. [Exile; a novel] Izgnanie; roman. Moskva, Izd-vo inostr. lit-ry, 1960. 646 p. (NRU)
- FILEV, B.A. [Rapids; a tale and stories] Porogi; povest' i rasskazy. [Kirov] Volgo-Viatskoe knizhnoe izd-vo, 1965. 67 p. (NIC)
- FININBERG, EZRA. [Verse. Translated from the Yiddish] Stikhi. Moskva, Khudozhestvennaja literatura, 1965. 141 p.
- FIRSOV, V.I. [Adonis; verse] Goritsvet; stikhi. Moskva Molodai gvardia, 1965. 117 p.
- [FIRST STORM; a collection of one-act plays] Pervaya groza; sbornik odnoaktykh p'es. Moskva, Sovetskaja Rossia, 1966. 110 p. (Biblioteka "V pomoshch' khudozhestvennoi samodelatel'stviu," no. 9)
- FOMICHEVA, M.F. [Developing a correct accent in children] Vospitanie u detei pravil'nogo proiznosheniia. Moskva, Prosveshchenie, 1966. 216 p. plates, chart (insert)
- FROLOVA, T.D. [Trilogy of N. Pogodin about V.I. Lenin; from the cycle of lectures on Soviet literature for correspondence students] Trilogiia N. Pogodina o V.I. Lenine; iz tsikla lektsii po sovetskoi literature dlia studentov-zaochnikov. Makhachkala, Dagestanskii gos. univ., 1963. 30 p. (MH)
- GABDIROV, I.KH. [M. Gor'kii and Soviet Kazakh literature] M. Gor'kii i kazakhskaja sovetskaja literatura. Alma-Ata, Nauka, 1966. 248 p.
- GALI, GUMER. [Selected works. Izbrannye proizvedeniia. Kazan, Tatarstan kitap neshitiaty] 1956. 379 p. [In Tatar] (IU)
- GALI, MUSA. [The song of Akidel'; a poem. Translated from the Bashkir] Pesnia Akideli; poema. Moskva, Sovetskaja Rossia, 1965. 67 p. (Poeticheskaii Rossiia) (IU)
- GALI, MUSA. [Sun and tears; verse and a poem. Translated from the Bashkir] Solntse i slezy; stikhi i poema. Moskva, Sovetskii pisatel', 1965. 97 p. (IU)
- GAN'SKII, LEONID. [Words; verse] Slova; stikhi. Paris, 1965. 63 p. (NIC)
- GERASIMOV-SHERWOOD, BORIS. [Two tigers; stories] Dva tigre; rasskazy. San Francisco, 1963. 142 p. (NN)
- [GERMAN-RUSSIAN SCHOOL DICTIONARY, 8,000 key words in context] Deutsch-Russisches Lehrwörterbuch. 8 000 Stichwörter in Wendungen. [By] N.A. Liperovskai i E.A. Ivanova. Moskau, Sowjetenzyklopedie, 1966. 749 p.
- GIAURGIEV, KH. Z. [Adverb in Kabardian-Cherkess] Naroche v kabardino-cherkesskom iazyko. Na'el'ik, Kabardino-Balkarskoe knizhnoe izd-vo, 1963. 120 p. (MH)
- KADYRZADE, SALAM. [The bird-cherry tree, tales and stories. Translated from the Azerbaijani] Cherevits; povesti i rasskazy. Moskva, Sovetskii pisatel', 1965. 280 p. (MH)
- KAFKA, FRANZ. [Novel, novelle, parables. Translated from the German] Roman, novelli, pritchi. Sost. i avtor predisl. B. Suchkov. Moskva, Progress, 1965. 613 p. (CU)
- KATTUKOV, G.KH. [Conversation with the sun; verse] Razgovor s solntsem; stikhi. Moskva, Sovetskii pisatel', 1965. 65 p. (IU)

- KAKHIMAR, ABDULLA. [A little bird; a tale and stories; Translated from the Uzbek] Plichka-nevelchka; povest'. Rasskazy. Moskva, Khudozhestvennaya literatura, 1965. 317 p. (MH)
- [GIFT FROM NIMAN; modern Lithuanian poetry. Translated from the Lithuanian] Podarunok z nimanu; suchasna tytova'ka poezija. Kyiv, Radlans'kyl pys'mennyk, 1963. 286 p. (IU)
- GLADILIN, A.T. [The first day of the new year; a tale and stories] Pervyi den' novogo goda; povest' i rasskazy. Moskva, Sovetskii pisatel', 1965. 180 p. (NKC)
- GOLANOV, I.G. [Morphology of modern Russian] Morfologiya sovremennoy russkoyazyka. Izd. 2., ispr. i dop. Moskva, Vysshaya shkola, 1965. 285 p. (NeU)
- GONCHAROV, I.A. [An ordinary story] Obyknovennaya istoriya. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 310 p. (NJR)
- GORBUNOV, D.M. [Sun in the reins; selected verse, 1910-1964] Solntse na povod'nykh; izbrannye stikhi, 1910-1964. Moskva, Sovetskii pisatel', 1965. 114 p. (NIC)
- GORDEICHEV, V.G. [Gray pigeons; verse] Sedye golubi; stikhi. Moskva, Pravda, 1966. 30 p. (Biblioteka Ogonek, no. 8)
- GORKI, MAKSIM. [Plays] P'esy. Moskva, Detskaya literatura, 1966. 316 p.
- GRANIN, D.A. [General of the Commune, Jaroslav Dabrowski] General Kommuny, Jaroslav Dombrowski. [Izd. 4., dorabotannoe] Moskva, Sovetskaya Rossiya, 1965. 268 p. (MH)
- GRANTS, JANE, pseud. [Commander of a dock] Doka komandieris. Riga, Liesma, 1965. 115 p. [In Latvian] (MH)
- GRIGOR'EV, I.N. [Heart and the sword; verse] Serdtshe i mech; stikhi. Moskva, Voennoe izd-vo, 1965. 108 p. (IU)
- GRIGOR'EV, N.F. [Stories] Rasskazy. Leningrad, Detskaya literatura, 1966. 287 p.
- GROSSMAN, V.S. [Stepan Kot'chugin; a novel] Stepan Kot'chugin; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 828 p. (Biblioteka sovetskoy prozy) (MIEM)
- GUDZIL, N.K. [History of old Russian literature] Istoriya drevney russkoy literatury. Izd. 7., ispr. i dop. Moskva, Prosveshchenie, 1966. 543 p.
- [GUIDE FOR THE WALL NEWSPAPER ACTIVIST] Sputnik aktivista stengazety. [Moskva] Moskovskii rabochii. 1966. 193 p.
- GUKOV, O.IA. [Twenty vials of penicillin] Dvadsat' puzyr'kov penitsillina. [Murmansk] Murmanskoe knizhnoe izd-vo, 1965. 86 p. (IU) (NIC)
- GUZHVA, V.F., ALEKSANDRA LARKINA, and TAT'YANA SHAROVA. [A little light; verse] Ogonek; stikhi. Kiev, Radlans'kyl pys'mennyk, 1965. 149 p. (IU)
- GVARDZHALADZE, I.S., ed. [500 English proverbs and sayings] 500 angliiskikh poslovits i pogovorek. Sost. I.S. Gvardzhaldze, A.L. Gubertson, T.O. Kochinashvili, 4. izd. Moskva, Izd-vo lit-ry na inostr.azykakh, 1959. 34 p. (MIU)
- HASEK, JAROSLAV. [The good soldier Schweik. Translated from the Czech] Pokhozhdeniya bravogo soldata Shveika. Kishinev, Ucheb.-pedagog. izd-vo Moldavskoi SSR, 1968. 708. (OU)
- [THE HEART SINGS. Translated from the Moldavian] Serdtshe poet. Kishinev, Karla moldovenaske, 1964. 41 p. (NKC)
- [HELLO, ROMANCE! Essays] Zdravstvui, romantika! Ocherki. Moskva, Krasnaya zvezda, 1966. 29 p. (Biblioteka "Krasnoi zvezdy," no. 10(190))
- HLEBKA, PIATRO. [Days of a great time; verse] Dni velikogo vremeni; stikhi. Moskva, Sovetskii pisatel', 1965. 140 p. (IU)
- ILIBOV, L.I. [The adorned donkey; selected works] Tsilats'kovanyi osel; vybraniye tvory. Kyiv, Vyd-vo dytichoi lit-ry "Veselka," 1965. 157 p. (Shkol'na biblioteka)
- ILUKHEN'KYI, M.H. [The Kolivshchyna uprising; an historical novel] Kolivshchyna; istorichnyi roman. Kyiv, Radlans'kyl pys'mennyk, 1968. 425 p.
- INYDUK, M.A. [Jump into a legend] Pryzhok v legendu. Kiev, Molod', 1966. 330 p.
- IONCHAR, O.T. [A man in the steppe; stories] Chelovek v stepi; rasskazy. Moskva, Pravda, 1966. 45 p. (Biblioteka "Ogonek," no. 1) (MH)
- IONTYN'KYI, IE.M. [Tribe of the possessed] Plemia oderzhymykh. Kyiv, Molod', 1965. 105 p. (IU)
- IRINCHENKO, BORYS. Bright stars; a five-act drama. Abridged and adapted for use in schools. Iden zori; drama v p'iat'okh dnyakh. Skorochno i prysposbleno dlia vyhytku v shkolakh. Winnipeg, Trident Press Ltd., 1964. 100 p.
- IRINCHENKO, BORYS. [Poetry] Poezija. Kyiv, Radlans'kyl pys'mennyk, 1965. 408 p. (Biblioteka poeta) (CU)
- IURINENKO, P.V. [Two days of silence; a tale] Dvi doby molchaniia; povest'. Kyiv, Radlans'kyl pys'mennyk, 1965. 222 p. (IU) (MH)
- IAKHININ, Z.IA. [Borders; verse] Granitsy; stikhi. Moskva, Sovetskii pisatel', 1965. 65 p. (IU)
- IL'IN, V.A. [Ivan's got a head...; a tale] Dana Ivanu golova...; povest'. [Moskva] Molodaya gvardiya, 1966. 169 p.
- ISANBAEV, N.I. [Adverbial participles in Mari] De-eprichastia v mariiskom yazyke. Ioshkar-Ola, Mariiskii nauchno-issled. inst. yazyka, lit-ry i istorii, 1961. 148 p. (MH)
- ISANGULOV, F.A. [Rasima; stories. Translated from the Bashkir] Rasima; rasskazy. Moskva, Sovetskaya Rossiya, 1965. 84 p. (Korotkie povesti i rasskazy) (IU)
- IUSHCHENKO, O.IA. [Songs and work] Pisenia i pratsiu. Kyiv, Znannia, 1964. 38 p. (CaOTU)
- [IVAN FRANKO; his life, public activity, and literary work] Ivan Franko; zhittia, hromads'ka diial'nist' i literaturna tvorchist'. New York, Liga amerykans'kykh ukrainstsi, 1956. 128 p. (Do 100-ricchcia z dnia narodzhennia) (IU)
- IVANOV, K.V. [Narspi; a poem] Narspi; poema. [Moskva, Khudozhestvennaya literatura, 1965] 140 p. (IU)
- IVANUS'EVA, L.F. [The track gives birth to the road; a tale] Stizh rozhdeniia dorogi; taezhnaya povest'. Moskva, Sovetskaya Rossiya, 1965. 141 p. (IU)
- IWANKO, B. [In search for his sister; a play in 5 acts from the time of the Cossack wars (a dramatization of A. Chalkov's tale)] Za sestrou; p'iesa na 5 dli z chasu koznochynny (histenzatsiia povisty A. Chalkova'koho). Prysposbleno dlia vyhytku v shkolakh. Winnipeg, Tryzub, 1963. 56 p.
- IZBORNIK SVIATOSLAVA. [Manuscript collection of the Grand Duke Sviatoslav Iaroslavich, 1073; published by Timofei Savvich Morozov] Izbornik velikogo kniazia Sviatoslava Iaroslavicha, 1073 goda; izdveniem Timofeia Savvicha Morozova. Peterburg 1880; Wiesbaden, O. Harrassowitz, 1965. x, 532 p. facsim. (Monumenta linguae slavicae dialecti veteris. Fontes et dissertationes, 1.3) (OU)
- JANONE, JULIUS. Ave, vita. Medzio graviuros Vlado Zilava, Vilnius, Vaga, 1964. 134 p. [In Lithuanian] (MH)
- KALGAN, A.D. [Murder with out (They got married); a comedy in three acts] Shito v meshke (Zheniti); komedia v trekh deistviakh. Chelovsary, Chuvaskoe knizhnoe izd-vo, 1964. 54 p. (MH) (WU)
- KAMBULOV, N.I. [Thirteen shell splinters; tales] Trinadtsat' oskolkov; povesti. Moskva, Voenizdat, 1966. 422 p.
- KAMIANSKII, V.K. [Polovstian field; historical stories] Polovtskoe pole; istoricheskie rasskazy. [Moskva] Moskrabochii, 1965. 92 p. (IU)
- KANTIN, V.I. [On Batyi's path; a tale] Na trope Batyevoi; povest'. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 126 p. (IU)
- KAPCHEVSKAIA, A.A. [A collection of texts on the subject "The complex sentence"; an aid for the teacher] Sbornik tekstov po teme "Slozhnoe predlozhenie;" posobie dlia uchitelia. Leningrad, Prosveshchenie, 1965. 221 p. (MIDW)
- KARAMZIN, N.M. [Complete collected verse] Polnoe sobranie stikhotvoreni. Vstup. stat'ia podgotovka teksta i primchania Iu.M. Lotmana. Moskva, Sovetskii pisatel', 1966. 423 p. (Biblioteka poeta. Bol'shaya seria. 2. izd.)
- KARAS', P.P. [Dawning; poetry] Ozarunia; poezija. Kyiv, Molod', 1965. 58 p. (Persha knyha) (IU)
- KARASHCHUK, P.M. [Affixal word formation in the English language] Afiksatsionnoe slovoobrazovanie v angliiskom yazyke. Moskva, Vysshaya shkola, 1965. 171 p.
- KARPOV, E.L. [S.A. Esenin; bibliographical manual] S.A. Esenin; bibliograficheskii spravochnik. Moskva, Vysshaya shkola, 1966. 160 p.
- KARRYEV, MEREDKULI. [They let the little goat free into the kitchen garden. Pustili kozia v ogorod; satiricheskie stikhi. Ashkhabad, Turkmenizdat] 1964. 53 p. [In Turkmen] (MH)
- KARTOPOLOV, I.I. [Through the fire; verse] Cherez ogon'; stikhi. [Cheliabinsk] Ruzhno-Uralskoe knizhnoe izd-vo, 1965. 56 p. (IU) (NIC)
- KATEPHORES, NIKOS. [When we hammered at the sky; a novel. Translated from the Greek] Kogda my dobili nebo; roman. Red. E. Kostrova. Moskva, Progress, 1966. 165 p.
- KEDRA, MITTEI, pseud. [Selected works. Translated by the author from the Udmurt. Izbrannoe. V avtorskikh perevodakh s udmurtskogo. Predist. A. Ermoinev.] Izhevsk, Izd-vo Udmurtii, 1965. 199 p. (MH)
- KIADAIAKOV, S.M. [Studies of Lak dialectology] Ocherki lakskoi dialektologii. Moskva, Nauka, 1966. 243 p.
- KIAL'FIN, K.IA. [Plays] P'esy. Moskva, Sovetskii pisatel', 1965. 414 p. [Publ. under his pseud. Konstantin Flin] (IU) (NIC)
- KIALOV, P.V. [Bearing 307. To all who hear me; tales] Peleng 307. Vsem, kto menia slyshit; povesti. Magadan, Magadanskoe knizhnoe izd-vo, 1965. 190 p. (NeU)
- KHNGOIAN, ATABEK. [Selected pages. Izbrannye stranitsy. Erevan, Armianskoe gos. izd-vo] 1961. 274 p. [In Armenian] (MH)
- KHODCHENKO, P.S. [The glow at daybreak; memoirs, 1905-1968] Dosviitni zahray; memuary 1905-1968. Kyiv, Radlans'kyl pys'mennyk, 1965. 302 p. (MH)
- KHODULIN, V.G. [Engraving; verse] Graviura; stikhi. Tula, Priokskoe knizhnoe izd-vo, 1965. 86 p. (IU)

- KHORUNZHIY, A.M. [The city above us; a story] Gorod nad nami; povest'. Moskva, Sovetskii pisatel', 1965. 197 p. (MIU)
- KHORUNZHIY, ANATOLII. [Three willows] Try verby; povisti. Kyiv, Dnipro, 1965. 351 p. (CAOTU) (IU)
- KHOTKEVICH, HNAT. [Dovbush; an historical tale from the first half of the 18th century] Dovbush; istorichna povist' z pershoi polovyny XVIII viku. L'viv, Kamennar, 1965. 424 p.
- KHUSNI, FAYKHI, pseud. [Thirtieth year; a novel. Translated from the Tatar] God tridsiaty; roman. Moskva, Sovetskaya Rossiya, 1965. 365 p. (IU)
- KHIVEDAROVICH, MIKOLA. [After the storm; selected verse, 1925-1961] Pislia naval'nitsy; vybranae, 1925-1961. Minsk, Belarus', 1965. 366 p. (NN)
- KLENTSKAYA, I.A. [Conversations with young literary scholars] Besedy s molodymi slovesnikami. Moskva, Prosveshchenie, 1966. 105 p.
- KOCHIN, N.I. [Wenchies; a novel] Devki; roman. Moskva, Khudozhestvennaya literatura, 1965. 502 p. (MH)
- KOLESIKOV, L.P. [Line of behavior] Linia povedeniya. [Moskva] Glav. polit. upr. Sovetskoi Armii i Voenno-Morskogo Flota, 1966. 45 p. (Biblioteka zhurnalov "Sovetskii voyn", no. 10(533))
- KOLISNYK, H.A. [Under the sun; a novel and a tale] Pid sonsem; roman, povist'. Kyiv, Radlans'kyi pry'mennyk, 1965. 249 p. (IU)
- KOLOKOL'TSEV, N.V. [Creative work of students in the process of studying literature] Tvorcheskaya rabota uchashchikhsia v protsesse izucheniia literatury. Moskva, Prosveshchenie, 1964. 45 p. (Pedagogicheskie chteniia) (NIC)
- KOMOV, V.E. [Honesty in the balance; humor and satire] Chestnost' na balanse; humor i satira. Moskva, Sovetskii pisatel', 1966. 135 p.
- KONWICKI, TADEUSZ. [Contemporary dream book; a novel. Translated from the Polish] Sovremennyy sonnik; roman. Moskva, Progress, 1966. 342 p.
- KOROLENKO, V.G. [Children of the vaults] Deti podzemlia. Leningrad, Detskaya literatura, 1966. 61 p. (Shkol'naya biblioteka)
- KOROTOVSKII, M.P. [The savior goose] Gus'-spasitel'. Alma-Ata, "Kazakhstan", 1965. 29 p. (IU)
- KOSACH, IURII. [The golden gate; verse] Zoloti vorota; poezii. New York, Novi obrli, 1966. 47 p.
- KOTOV, A.A. [In jest and in earnest] V shuklu i vse-raz. [Moskva] Molodaya gvardia, 1965. 349 p.
- KOTSUBYNS'KYI, MYKHAILO. [Works] Tvory. Kyiv, Dnipro, 1965. 3 v. (IU)
- KOVALENKO, A.A. [Good, different...; literary portraits] Khorocho, raznye...; literaturnye portrety. [Moskva] Mosk.rabochi, 1966. 189 p.
- KOVALENKO, LEONID. [Sun in the pupils; poetry] Sonets v zinytsiakh; poezii. Kyiv, Molod', 1965. 91 p. (Persha knyha) (IU)
- KOVALEVA, L.E. [Three days to think it over; a play in three acts] Tri dni na razmyshleniye; p'esa v trekh deystviakh. Leningrad, Iskustvo, 1965. 87 p.
- KOZHEVNIKOV, V.M. [Shield and sword; a novel] Shchit i mech; roman. Moskva, Sovetskii pisatel', 1965. 1030 p. (IEN) (MH)
- KRANJEC, MISKO. [I loved them; tales and stories. Translated from the Slovenian] JA ikh lubil; povesti i rasskazy. Moskva, Khudozhestvennaya literatura, 1965. 277 p. (IU)
- KRAPIVIN, V.P. [A brother who was seven; a tale and stories] Brat, kotoromu sem'; povest' i rasskazy. Moskva, Detskaya literatura, 1966. 172 p.
- KRON, A.A. [Home and ship; a novel] Dom i korabl'; roman. Moskva, Sovetskii pisatel', 1965. 560 p. (IU)
- KRYVDA, H.F. [Not someone else's mother; stories] Ne chuzhaia mat'; povest', rasskazy. Moskva, Sovetskii pisatel', 1965. 179 p. (IU)
- KUCHER, V.S. [The cold waves are spinning; a novel] Pleschut khodnyye volny; roman. Moskva, Voen. izd-vo, 1964. 374 p. (NNC)
- KUNGUROV, G.F. [Siberia and literature] Sibir' i literatura. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 202 p.
- KUROCHKIN, V.A. [Naden'ka from Apalevo; stories] Naden'ka iz Apaleva; povesti. Leningrad, Sovetskii pisatel', 1965. 345 p. (IU) (NIC)
- KUVAEV, O.M. [Funny people live in the East; tales and stories] Chudaki zhivut na Vostoke; povesti i rasskazy. [Moskva, Molodaya gvardia, 1965] 286 p. (Molodye pisateli) (IU)
- KYZYL, TUVINSKII NAUCHNO-ISLEDOVATELSKII INSTITUT IAZYKA, LITERATURY I ISTORII. [Tuvinnian literature; a short history. Tuvinskaya literatura; kratkaya istoriya. Kyzyl, Tuvnigoizdat] 1964. 236 p. [In Tuvinnian] (MH)
- LAPKO, V.M. [Strides; verse] Shagi; stikhi. [Cheliabinsk] Uzhno-Ural'skoe knizhnoe izd-vo, 1965. 81 p. (IU)
- LAPTEV, A.E. [Steering light; verse] Putevoly ogonek; stikhi. [Cheliabinsk] Uzhno-Ural'skoe knizhnoe izd-vo, 1964. 40 p. (NIC)
- LAVRINAITIS, V.B. [Golden ravine; a tale] Pad' zolotaya; povest'. [Moskva] Gos. izd-vo detskoi lit-ry [1950] 285 p. (Biblioteka priklyucheni i nauchnoi fantastiki) (NN)
- LAVROV, A.S. [Soldiers in the blue greatcoats; from stories about Inspector Streptov and his comrades] Soldaty v sinikh shinelakh; iz rasskazov o sledovatele Streptove i ego tovarishchakh. [Moskva] Molodaya gvardia, 1965. 173 p. (MH)
- LAVROV, I.M. [The charmed one; a story] Ocharovannaya; povest'. [Moskva] Molodaya gvardia, 1965. 201 p. (IU)
- LEBEDENE, E. [Bibliography of Kristijonas Donelaitis] Kristijono Donelaitis bibliografija. Vilnius, Vaga, 1964. 381 p. [In Lithuanian]
- LERMONTOV, M.IU. [Poems] Poemy. Moskva, Gos. izd-vo detskoi lit-ry, 1955. 77 p. (Shkol'naya biblioteka) (IU)
- LERMONTOV, M.IU. [Selected works] Izbrannye proizvedeniia. [Leningrad] Lentsdal, 1965. 630 p. (NIR)
- LESS, A.L. [Unread pages; stories] Neprochitannye stranitsy; rasskazy. Moskva, Sovetskii pisatel', 1960. 310 p.
- LEVAKOVSKAYA, E.V. [September is the best month; a novel] Sentjabr' luchshii mesiat; roman. Moskva, Sovetskii pisatel', 1965. 270 p. (MH)
- LEVITIN, MIKHAIL. [Miniatures for the stage] Estradnye miniatyury. Leningrad, Iskustvo, 1965. 78 p. (NIC)
- LIBEDINSKII, I.U.N. [First steps] Pervyye shagi. Moskva, Sovetskaya Rossiya, 1965. (Biblioteka molodogo literatora) (NNC)
- LIKHANOV, I.A. [A lieutenant lives in the garrison...] Zhitel' v garnizone leitenant.... Moskva, Voenizdat, 1966. 102 p.
- LONGINUS, CASSIUS. [Spurious and doubtful works. On sublimity. Translated from the Greek] O'vozvyshennom. Moskva, Nauka, 1966. 148 p. (Literaturnye pamiatniki)
- LOVTSOVA, O.V. [French literature, 1917-1965] Literatura Frantsii (1917-1965), izd. 2. Moskva, Vysshaya shkola, 1966. 223 p.
- LOZNEVOI, A.N. [The road into the mountains] Doroga v gory. Moskva, Voenizdat, 1966. 140 p. (Biblioteka soldata i matrosa)
- L'VOV, A.S. [Studies of the vocabulary of the monuments of Old Slavic literature] Ocherki po toleske pamiatnikam staroslavianskoi pis'mennosti. Moskva, Nauka, 1966. 310 p.
- MALIAREVSKII, P.G. [Plays: Before the storm; Camp fire; Sleep and banks; The stone bird] P'eny; Kuznitsa grozy, Koster, Krutye perekaty, Kamenn' ptitsa. Moskva, Sovetskii pisatel', 1965. 328 p. (NN)
- MALYSHKO, ANDRII. [Little nightingale, nightingale] Solov'uk, solov'iu. Kyiv, Dorzh. vyd-vo dyticheskoi lit-ry URSHI, 1964. 14 p. (Dla doshkil'noi viku) (IU)
- MARTYNOV, V.V. [Cybernetics, semiotics, linguistics] Kibernetika, semiotika, lingvistika. Minsk, Nauka i tekhnika, 1966. 145 p.
- MASHINSKII, S.I. [N.V. Gogol's "Dead souls"] Mertyve dushi' N.V. Gogolia. Moskva, Khudozhestvennaya literatura, 1966. 140 p. (Massovaya istoriko-literaturnaya biblioteka)
- MATSEVICH, APOLLINARI. [The wrath of Nemesis; a novel] Gniv Nemozdy; roman. Kyiv, Radlans'kyi pry'mennyk, 1965. 371 p. (IU)
- MATSHIKIN, V.S. Liubasha. Moskva, Khudozhestvennaya literatura, 1966. 46 p. (Roman-gazeta, no. 23 (361))
- MATVEEV, V.V. [Pine trees on granite; verse] Smoly na granite; stikhi. Moskva, Voen. izd-vo, 1965. 117 p. (NIC)
- MAZAEV, V.M. [Birds don't sing in the fog; stories] Ptitsy ne poit v tuman; rasskazy. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 120 p. (MH) (NIC) (NIP)
- MELENT'EV, V.G. [Blue people of the pink land; a science fiction tale] Golubye ljudi rozovoi zemi; fantasticheskaya povest'. Moskva, Detskaya literatura, 1966. 254 p.
- MEL'NYCHUK, O.S. [Development of the structure of the Slavic sentence] Rozvytok struktury slov'ann'hoi rechenia. Kyiv, Naukova dumka, 1966. 322 p.
- MIKHAELIAN, DARUIR. [Tracks on one's heart; verse and ballads. Sledy na serdse; stikhi i ballady. Erevan, Alpetrat] 1963. 98 p. [In Armenian] (MH)
- MIKHAILOVA, O.E., and E.I. SHENDEL'S. [A guide to the grammar of the German language for grades 9-11 of the secondary school] Spravochnik po grammatike nemetskogo iazyka dlia IX-XI klassov srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo, 1963. 275 p. (NIC)
- MIL'CHAKOV, A.I. [Storms and grasses; verse] Gromy i travy; stikhi. [Kirov] Volgo-Viatskoe knizhnoe izd-vo, 1965. 44 p. (IU)
- MINSK, DZIARZHAUNAYA BIBLIOTEKA BSSR. Adziet bialaruskai literatury i bibliografii. [Platrus Brouka; for his 60th birthday; a bibliographic index] Platrus' Brouka; da 60-hoddzia z dnia naradzhennia; bibliografichny davednik. Minsk, Knizhnaia palata BSSR, 1965. 211 p. (CAOTU)

- MIRUMBEI, I. V. [Studies of the classical; Defoe, Vol. 1, Goethe, Hoffmann, Heine, German poets of the 19th Revolution, Heinrich Mann] *Stati o khudozhnik*; Defo, Vol. 1, Goethe, Hoffmann, Heine, Heinebake poetry Revoluti 19th goda, Genrich Mann. Moskva, Khudozhestvennaya literatura, 1960, 250 p.
- MIRMUKHIN, [Selected works. Izbrannoe. Tashkent, Gostizdat Uzbeki] 1959, 334 p. [In Uzbek] (RU)
- MISHCHENKO, D. O. [Devechana; a novel] *Novelnyy roman*. 1. vyp. vyd. Kyiv, Dzh. vyd. vo khudozh. lit-ry, 1961, 334 p. (RU)
- MOKULCHIK, B. B. [Russian literature; the Renaissance and Enlightenment] *Russkaya literatura, Vozrozhdeniye i Osvishcheniye*. Moskva, Vysheishaya shkola, 1960, 210 p.
- MOJICOW, VIKTORUZHNA GORDARBEVICHNAIA BIBLIOTKA PROSTRANNOI LITERATURY. [Calendar of memorable dates in foreign literature for 1965] *Kalendar' pamiatnykh dat po zarubezhnoi khudozhe skoye literature na 1965 god*. Moskva, Kalga, 1964, 50 p. (RU)
- MOVA, VASYL'. [Poetry] *Poezii*. Kyiv, Radnau'nyi pyshennykh, 1965, 291 p. (Biblioteka poezii)
- MUKHAMEDOV, M. M. [On the heels of a hero; taken and stories]. *Na sledakh geroia; povesti i rasskazy*. Tashkent, Gostizdat Uzbeki] 1960, 271 p. [In Uzbek] (RU)
- MUKHAMEDZHANOV, KALTAI. [Under a wolfskin cap, play]. *Pod volch'ey shapok, p'esa*. Alma Ata, Zhazirnyy, 1965, 170 p. [In Kazakh] (RU)
- MUKHINA-PETRECHKAIA, V. M. [At the eternal throne hold] *Na vechnom perego*. Rostov, Privolzhskoe izd-vo, 1965, 105 p. (RU) (NR)
- MURATOVA, R. D. [Beginnings of socialist realism in Russian literature]. *Vozniknoveniye sotsialisticheskogo realizma v russkoy literature*. Moskva, Nauka, 1966, 370 p.
- MUSTAFIN, RAFAEL'. [Poetry of courage, for the 60th anniversary of the birth of Musa Dzhamil'] *Poezitsiya muzhenstva; k 60-letiyu rojdeniya Musy Dzhamila*. Moskva, Znaniye, 1966, 31 p. (Novoye y zhizni, nauka, tekhniko. VI Gornit' literatura i iskusstvo, no. 3)
- MYRKO, VASYL'. [The Dnieper flows into the mountain] *Dnipro teche v kormontsi, naryv*. Kyiv, Radnau'nyi pyshennykh, 1962, 50 p. (CAOTU)
- NAGIBIN, B. M. [Payuk; a tale] *Payuk, povest'*. Moskva, Voennoe izd-vo, 1960, 100 p. (RU)
- NAKHVIDA, M. I. [Mountain top, poetry] *Gora ki verkhovnyy, poezii*. Kyiv, Radnau'nyi pyshennykh, 1960, 50 p. (NR)
- NAROVCHATOV, B. B. [Verse] *Stikhi*. Moskva, Gon. izd-vo khudozh. lit-ry, 1962, 214 p. (RU)
- NAUBESOV, JUREI. [Memory, third book of verse] *Pamiat'; tret'ya kniga stikhov*. [Washington, D.C.] Rosskaya kniga, 1965, 46 p. (RPIU)
- NASEDKIN, F. I. [Road to the heart; taken and stories] *Dorozhka k serdtsu; povesti i rasskazy*. Moskva, Khudozhestvennaya literatura, 1965, 655 p. (RU) (NR)
- [NATIVE POETRY, verse of the Russian classic poets of the 19th and early 20th centuries] *Russkaya poezii, skhodivshiesya russkikh poetov klassikov XIX i nachala XX veka*. [Ed. 3] Moskva, Detalskaya literatura, 1960, 200 p. (Biblioteka biblioteka)
- NAWAT, ALI SHIR. [Verse and poems] *Stikhotvoreniya i pesni*. Leningrad, Novykh p'isatel', 1965, 660 p. (Biblioteka poezii. Mavala seriya. Ed. 3.) (NR)
- NEDOLIA, I. K. [The little dreamer; stories] *Malen'kiy dnozavt; rasskazy*. Moskva, Detalskaya literatura, 1960, 20 p.
- [NEFERETTE'S SMILE; stories] *Olybka Neferiti; rasskazy*. Moskva, Izd-vo gazety "Krasnaya zvezda," 1960, 30 p. (Biblioteka "Krasnaya zvezda," no. 3 (1960))
- NERGAZOV, N. A. [Front, the red named] *Moroz, krasnyi nos*. Moskva, Gon. izd-vo detnah lit-ry, 1959, 62 p. (RU)
- NETER, P. A. [The small stars also beautify the sky] *Malnye zvezdy ubashchali nebo...* [Moskva] *Moskovskii rabochi*, 1964, 252 p. (RU)
- NIKOLAEVA, G. E. [Our garden] *Nash sad*. Moskva, Sovetskaya Rossiya, 1960, 94 p. (Korotkie povesti i rasskazy)
- NIKULIN, M. A. [At the crossing; taken and stories] *Na peresekovke; povesti i rasskazy*. Moskva, Sovetskii pisatel', 1965, 446 p. (RU)
- NOBISHVILL, I. E. [In the land of Kazakhstan; a notebook of verse] *Translated from the Georgian] Na zemle Kazakhstana, tebiad' stikhov*. Moskva, Sovetskii pisatel', 1965, 40 p. (RU)
- NOZOV, E. I. [The meadow fence rustles; stories] *Shumit bopovaya ovchastka; rasskazy*. Moskva, Pravda, 1960, 40 p. (Biblioteka Ogon'ka, no. 4) (RU)
- NOVIKOV, V. A. [Of the sea, the sea] *O more, more*. Alma Ata, Zhazirnyy, 1965, 132 p. (RU) (RU) (RU)
- NUZHAIKHOV, AZILKHAN. [Love song; a tale] *Translated from the Kazakh] Pamyat' Babu; povest'*. Alma Ata, Zhazirnyy, 1965, 162 p. (RU)
- ONEVY ZAKAM, REZAM al-DIN, d. ca. 1370. [A poetry book, Translated from the Persian] *Venetskaya kniga*. Moskva, Nauka, 1965, 174 p.
- OURIEV, V. F. [Journey into poetry] *Puteshestvie v poezii*. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1964, 50 p. (RU)
- OKHANSKI, B. M. [A noisy god-forsaken place; from the life of two writers] *Glasnoye zakhodit'e; iz zhizni dvukh pisatel'*. [Kulyshev] Kulyshevskoye knizhnoe izd-vo, 1965, 235 p.
- OKUDZHAHA, B. B. [On the road to Tbilisi] *Na dorozhku k Tbilisi*. Tbilisi, Literatura da khudozhestva, 1964, 140 p. (PPIU)
- ORLICH, O. G. [Gordano Bruno; a tragedy in 4 acts, 12 scenes] *Dzhordano Bruno; tragediya v 4 detyakht, 12 khatnakh*. Leningrad, Iskustvo, 1965, 65 p. (Biblioteka na starye) (RU) (RU) (NR)
- ORLICH, BILIAN, poet. [Vampires; taken] *Uperet; povesti*. L'viv, Kamenski, 1965, 401 p. (RU)
- ORSH, MYKHAILO. [Late stories; fifth book of verse] *Pozni voprosy; kniga poezii p'jata*. Munch, Is-t lit-ry na, Mykhailo Orsha, 1965, 78 p. (RU)
- ORLOV, V. V. [Picketed watermelon; a novel] *Rubnyy arbu; roman*. Moskva, Sovetskii pisatel', 1965, 260 p. (RU)
- OROVETSKY, P. A. [Ruby ray; a tale] *Rubinovyi prazhik; povest'*. Kyiv, Molit', 1965, 138 p. (RU)
- OSTROVSKII, A. N. [The gulf; scenes from Moscow life] *Pachina; stseny iz moskovskoi zhizni*. Moskva, Iskustvo, 1964, 88 p. (Ru, P'eny) (CAOTU)
- OVAKIMIAN, GRIG. [The youth of Huri. 10-part] *Huri. Erevan, Armanakoe gos. izd-vo] 1962, 94 p. [In Armenian] (NR)*
- [PAGE OF TAIK POETRY; selected translations] *Stranitsy budzhitskoy poezii; izbrannyye perevody*. Stalinabad, Tadzhikgostizdat, 1961, 258 p.
- PAKHOVA, M. P. [E. V. Gladkov's autobiographical tales and the traditions of M. Gor'ki] *Autobiograficheskie povesti E. V. Gladkova i traditsii M. Gor'kogo*. Moskva, Nauka, 1966, 197 p.
- PAISI, I. R. [Essays on the methodology of Russian; a textbook for students of pedagogical institutes and teachers] *Ocherki po metodike russkogo yazyka; posobie dlia studentov pedagogicheskikh institutov i uchitel'ei*. Moskva, Prosveshcheniye, 1965, 331 p. (PPIU)
- PANOV, N. N. [Sea tales] *Morskoe povest'*. [Murmansk, Marmanskoe knizhnoe izd-vo, 1964- 411 p. (NR)
- PARONIAN, AKOP. [Selected works. Translated from the Armenian] *Izbrannoe*. Erevan, Ahtan, 1965, 265 p.
- PARYGINA, N. D. [One false step; taken and stories] *Odn nevernyi shag; povesti i rasskazy*. Tula, Prihodnoe knizhnoe izd-vo, 1965, 230 p. (RU)
- PASENIUK, I. M. [Bury and sting your wings; a novel] *Spush spash' kryl'a; roman*. Moskva, Sovetskii pisatel', 1965, 339 p. (RU) (NR)
- PASTERNAK, B. L. [Doctor Zhivago; a novel] *Doktor Zhivago; roman*. [Paris] Editions d'Edition et d'impression Mondiale, Vol. 2, 1960, 634 p.
- PERISHIN, B. I. [Ask your conscience] *Spash avulu moyu*. Moskva, Izd-vo polit. lit-ry, 1965, 117 p. (Vremena i ljudi) (RU) (NR)
- PETROPAVLOVSK-KAMCHATSKII. OBLASTNOI DOK NAHBERSKO TVORCHESTVA. [Hello, Kamchatka morning; a collection of works by authors of the Kamchatka National Area] *Zdravstvui, stro kamchatkoye; sbornik proizvedenii avtorov Kamchatskogo natsional'nogo oblasa*. Petropavlovsk-Kamchatskii, Kamchatskaya pravda, 1964, 31 p. (RU)
- PETROVSKII, R. G. [Modeling of phonological systems and methods for comparing them] *Modelirovaniye fonologicheskikh sistem i metody ikh sravneniya*. Moskva, Nauka, 1966, 280 p. maps fold (in pocket)
- [POETRY DAY; new verse, Russian poets, publications and memories; on poets and poetry, epigrams, parodies and translations] *Dzen' poezii; novyye vershy, russkaya poezii, publikatsii i vspominy; prapoezitsiya i epigramy, parodiy, peraktydy*. Munk, "Belarus," 1965, 195 p. (RU)
- POLAKOV, K. F. [On the other side of the wall] *Pod tolik stoy*. Kyiv, Dnipro, 1965, 274 p. (RU)
- POPEKHEVICH, A. G. [Right trains; verse and poems] *Pravyye poezitsy; stikhi i pesni*. Moskva, Voennoe izd-vo, 1965, 63 p. (RU)
- POREZIO, WALTER. [Branching in the Indo-European language area. Translated from the German] *Chleneniye indoevropelskoi yazikovoi oblasti*. Red. i predisl. A. V. Donitskoi. Moskva, Progress, 1964, 331 p. (NR)
- PRINSHKAYA, E., comp. [Hey, anybody, their names; a collection for the stage] *Ei, kto-nibud', ikh imya; reperturnyy sbornik*. [Moskva, Iskustvo, 1965] 130 p. Blun. (Repertuar khudozhestvennoi amnodelat'stvi, no. 23) (RU)
- PROKOF'EV, A. A. [Collected works] *Sobranie sochineni*. Moskva, Khudozhestvennaya literatura, 1965, 4 v. (NR)
- PROKOF'EV, A. A. [Selected lyrics] *Izbrannaya lirika*. [Moskva] Molokaya yavdila, 1965, 31 p. (Biblioteka izbrannoi liriki) (RU)

- PSKOVITIANIN, IURIL. [The Scythian; a novel] Skif; roman. "Escita." Buenos Aires, 1964. 127 p. (CtY)
- PUSHKIN, A.S. [Belkin's tales] Povesti Belkina. Moskva, Detskaya literatura, 1965. 94 p. (Shkol'naya biblioteka)
- PUSHKIN, A.S. [Evgenii Onegin; a novel in verse] Evgenii Onegin; roman v stikhakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1963. 245 p. illus. (Narodnaya biblioteka) (TxU)
- PUSHKIN, A.S. [Lyrics] Lirika. Moskva, Gos. izd-vo khudozh. lit-ry, 1963. 221 p. (Viu)
- PUTINTSEV, A.G. [One's own; a novel] Svoi; roman. Dnepropetrovsk, "Promin", 1965. 390 p. (IEN)
- RASTREPIN, N.M. [The heart commands] Serdtse veit. Moskva, Sovetskaya Rossiya, 1965. 111 p. (NIC)
- [THE RENDEZVOUS TOOK PLACE; a collection of stories and short tales] Svidaniye sostoiлося; sbornik rasskazov i malen'kikh povestей. Moskva, Voen. izd-vo, 1965. 237 p. (NIC)
- ROD'KO, M.D. [Soviet literature in the Western Ukraine, 1920-1939; a critical essay] Radians'ka literatura v Zakhidni Ukraini, 1920-1939; literaturno-krytychnyi narys. Kyiv, Radians'kyi pys'mennyk, 1964. 159 p. (CaOTU)
- ROMANOVA, A.V. [Sketches of the Uchur, Maya, and Totta dialects] Ocherki uchurskogo, malskogo i tottinskogo govorov. Pod red. G.M. Vasilievich. Leningrad, Nauka, 1964. 169 p. (Dialektologicheskie materialy po govoram evenkov IAKutskoi ASSR, no. 2) (CaOTU)
- ROZANOV, S.K. [Blue absinth] Golubaya polyn'. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 151 p. (IU)
- RUBINOV, A.Z. [I know everything] IA znau vse. Moskva, Znanie, 1965. 93 p. (Prochti, tovarishch) (IU)
- [RUMANIAN-RUSSIAN POCKET DICTIONARY. About 8,000 words] Karmanyl rumynsko-russkii slovar'. Okolo 8000 slov. Sost. B.A. Andrianov. Izd. 3., ispr. i dop. Moskva, Sovetskaya Entsiklopediya, 1964. 314 p.
- RYBAKOV, M.A. [First snow; a novel] Pervoputok; roman. [Moskva] Mosk. rabochii, 1966. 180 p.
- RYLENKOV, N.I. [Selected lyrics, 1926-1964] Izbrannaya lirika, 1926-1964. [Moskva] Mosk. rabochii, 1965. 382 p. (IU)
- RYL'S'KYI, MAKSYM. [Journey into youth; a poem] Puteshestvie v molodost'; poema. [Moskva, Khudozhestvennaya literatura, 1965] 166 p. (MIDW)
- RZA, RASUL. [I am the earth; verse. Translated from the Azerbaijani] IA - zemlia; stikhi. Moskva, Khudozhestvennaya literatura, 1965. 239 p. (IU)
- SABALENKA, R.K. [The unmarried widow; a tale] Nezamuzhnaiya vdova; povest'. Moskva, Sovetskii pisatel', 1965. 281 p. (MH)
- SABINA, L.P. [Thus boundaries are obliterated] Tak stralutsia grani. Simferopol', Krym, 1965. 33 p. (CSL-H)
- SAFRONOV, E.I. [Rain by the handfist; a tale and stories] Dozhd' v prigorodnikakh; povest' i rasskazy. [Moskva] Molodaya gvardiya, 1965. 236 p. (IEN) (IU)
- SALINGER, JEROME DAVID. [Tales... stories. Translated from the English] Povesti... rasskazy. [Moskva] Molodaya gvardiya, 1965. 251 p. (CtY)
- SAMUILIONAK, EDUARD. [The theory of Kalenbrun; a tale and stories] "Teoriya Kalenbrun"; povest', rasskazy. Moskva, Khudozhestvennaya literatura, 1965. 278 p. (IU)
- SANGI, V.M. [First shot; stories and a tale] Pervyi vystrel; rasskazy i povest'. Moskva, Sovetskaya Rossiya, 1965. 123 p. (Korotkie povesti i rasskazy) (NIC)
- SARTS, JANIS. [Gate; a novel] Varti; romans. Riga, "Liesma", 1966. 413 p. [In Latvian]
- SAZONOV, M.L. [From heart to heart] Ot serdtsa k serdtsu. [Leningrad, Lenizdat, 1965] 109 p. (NJP)
- [A SCIENTIFIC AND LITERARY COLLECTION AND THE WHITE RUSSIAN CALENDAR FOR 1961] Navukova i literaturny zbornik i belaruskii kalendar 1961. Biatystok, Batumae praitenne belaruskaha hramadska-kul'turnaha t-va u Pot'shechy [1960] 303 p. (CaOTU)
- [SECOND REQUEST; stories] Vtoraia pros'ba; rasskazy. Moskva, Izd-vo gazety "Krasnaya zvezda", 1966. 30 p. (Biblioteka "Krasnoi zvezdy", no. 7, (1977))
- SELLANKIN, O.K. [School of winners] Shkola pobeditel'. Perm', Permskoe knizhnoe izd-vo, 1960. 2 v. (NIC)
- SEL'VINSKII, I.L. [Letters to students] Pis'ma k studentam. Moskva, Sovetskaya Rossiya, 1965. 71 p. (IEN)
- SEMCHUK, STEPAN. [Reflections; fifth book of verse] Refleksii; poezii knyzhka piata. Winnipeg, 1965. 51 p.
- SEMCHUK, STEPAN. [Springs; sixth book of verse] Zherela; poezii knyzhka shesta. Winnipeg, 1966. 49 p.
- SERGEEV, D.G. [Dolomite gorge; fantasy and adventures] Dolomitovoe ushche; fantastika i priklucheniya. [Irkutsk] Vostochno-Sibirskoe knizhnoe i izd-vo [1965] 190 p. (V mire priklucheni i fantastiki) (MH)
- SHAKH-AZIZOVA, T.K. [Chekov and western European drama of his time] Chekhov i zapadno-evropeiskaya drama ego vremeni. Moskva, Nauka, 1966. 149 p.
- SHAMILOV, ARAB. [The road to happiness; a novel] Doroga k schasti'iu; roman. [Moskva, Sovetskii pisatel', 1965] 462 p. (MH)
- SHAMSHURIN, IU.I. [Man goes through the North; stories and a tale] Chelovek idet po Severu; rasskazy, povest'. Moskva, Sovetskii pisatel', 1965. 308 p. (IU)
- SHCHERBAKOV, V.N. [Shadows retreat; a tale] Teni otstupali; povest'. [Leningrad] Lenizdat, 1965. 93 p. (IEN) (IU) (NIC)
- SHCHIPACHEV, S.P. [Selected works] Izbrannye proizvedeniya. Moskva, Khudozhestvennaya literatura, 1965. 2 v. (MIU)
- SHERGIN, BORIS, comp. [A kind, fine fellow; Russian proverbs] Dobryi molodets; russkie poslovi'tsy. Moskva, Detskaya lit-ra, 1964. 32 p. (Shkol'naya biblioteka) (Mdu)
- SHKLOVSKII, V.B. [Stories about prose; thoughts and critiques] Povesti o proze; razmysleniya i razbory. Moskva, Khudozhestvennaya literatura, Vol. 1. [In which Western prose is discussed, for the main part] Rasskazyvalushchii, glavnym obrazom, o zapadnoi proze. 1966. 335 p. (IuU) (OWoC)
- SHOLOKHOV, M.A. [Quiet flows the Don; a novel in four books] Tikhii Don; roman v chetyrekh knigakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 4 v. (Biblioteka sovetskoi prozy) (IuU) (OWoC)
- SHOSHIN, V.A. [The poet and the world; creative individuality in Soviet poetry] Poet i mir; o tvorcheskoi individualnosti v sovetskoi poezii. Moskva, Nauka, 1966. 184 p.
- SHITOK, I.V. [Three dramas and two comedies] Tri dramy i dve komedii. Moskva, Iskustvo, 1965. 389 p. (IU)
- SILVET, J., comp. [Estonian-English dictionary] Eesti-inglise sõnaraamat. Tallinn, Kirjastus, Eesti Raamat, 1965. 500 p. (MH)
- SINITSYN, T.P. [The arrow of a revolt] Strela vostaniia. [Arkhangelsk] Arkhangel'skoe knizhnoe izd-vo, 1963. 151 p. [Publ. under his pseud. Pella Pumukh]
- SKLIARENKO, SEMEN. [Works in five volumes] Tvory v p'iaty tomakh. Kyiv, Dnipro, 1965. 5 v. (NN)
- SKUJINS, ZIGMUNDIS. [Fornarina; a novel]. Translated from the Latvian Fornarina; roman. [Moskva] Molodaya gvardiya, 1965. 351 p. (MH)
- SIANOV, GABDOL. [Contemporaries; essays and stories. Sverstulki; ocherki i rasskazy. Alma-Ata, Izd. Knazgostizdatu] 1968. 251 p. [In Uzbek] (IuU)
- SLOVIN, LEONID. [Such work; a tale] Takaya rabota; povest'. Iaroslavl', Verkhne-Volzhske knizhnoe izd-vo, 1965. 277 p. (IU) (NIC)
- SMIRNOV, V.A. [Discovery of the world; a tale] Otkrytie mira; povest'. Moskva, Detskaya literatura, (Shkol'naya biblioteka) Book 3. 1966. 283 p.
- SMIRNOV, V.A. [Discovery of the world; a tale] Otkrytie mira; povest'. Moskva, Gos. izd-vo khudozh. lit-ry, 1963. 64 p. (VIMIM)
- SMIRNOV, V.A. [Discovery of the world; a novel] Otkrytie mira; roman. [Moskva] Sovetskii pisatel', 1965. 707 p. (NIC)
- SMIRNOV, V.D. [Gleb Uspenskii and Saitkov-Shekhedri G.I. Uspenskii in the "Otechestvennye zapiski"] Gleb Uspenskii i Saitkov-Shekhedri; G.I. Uspenskii v "Otechestvennykh zapiskakh". [Saratov] Izd-vo Saratovskogo univ., 1964. 137 p. (CU)
- SENEGOV, S.A. [The sea begins from the shore] More nachinaetsia s berega. [Kalinigrad] Kalinigradskoe knizhnoe izd-vo, 1964. 220 p. (NJP)
- [THE SNOWS WHISPER; stories] Shopchut snega; rasskazy. Moskva, Izd-vo gazety "Krasnaya zvezda", 1966 30 p. (Biblioteka "Krasnoi zvezdy", no. 4 (1944))
- SOBKOV, V.M. [Ten days of happiness; tales] Desiat' dney schastiia; povesti. Kyiv, Radians'kyi pys'mennyk 1965. 300 p. (IU)
- SOCHYVETS', I.O. [Uncle Th's orbit; humoresques] Orbitsa d'ida Tyta; humoresky. Kyiv, Radians'kyi pys'mennyk, 1965. 116 p. (IU)
- SOKOLOV, V.N. [Alternation of days; verse] Smena dney; stikhi. [Moskva] Molodaya gvardiya, 1965. 215 p. (IEN)
- SOKOLOV, V.V. [Alarms of the heart; poetry] Tryvoly serdtsa; poezii. Kyiv, Radians'kyi pys'mennyk 1965. 72 p. (IU)
- [SOVIET WRITERS; autobiographies] Sovetskii pisatel' avtobiografi. Moskva, Khudozhestvennaya literatura Vol. 3. 1966. 768 p.
- [THE STAGE] Estrada. Moskva, Sovetskaya Rossiya (Biblioteka "V pomoshch' khudozhestvennoi samodelatnosti", no. 13) No. 3. 1966. 116 p.
- STEFANKIN, IU.S. [Pianets in December; stories] Pianet v dekabre; rasskazy. [Kemerovo, Kemerovskoe knizhnoe izd-vo, 1965] 41 p. (Kuzbasska literatura) (NIC)

- SULEIMANOV, BAGAMED. [Phonetics and morphology of the Dargi language; a textbook for university students. Fonetika i morfologiya darginskogo yazyka; posobie dlia studentov. Makhachkala, Dagestanskoe uchebno-pedagog. izd-vo, 1964. 211 p. [In Dargwa] (MH)
- TAGIROV, A. M. [Selected works. Izbrannye proizvedeniia. Ufa, Bashkirskoe knizhnoe izd-vo] 1958. 1 v. [In Bashkir] (InU)
- TAMMSAARE, A. H. [The new devil from hell; a novel. Translated from the Estonian] Novyi Nechislai iz Pekla; roman. Moskva, Khudozhestvennaia literatura, 1965. 261 p. (Narodnaia biblioteka) (NIU)
- TARAKHOVSKAIA, E. IA. [A bird; verse] Ptitsa; stikhi. Moskva, Sovetskii pisatel', 1965. 78 p. (IU) (MI) (NIC) (NNC)
- TATAY, SANDOR. [Night with two swords; a tale. Translated from the Hungarian] Viliuz's dvumia mechami; povest'. Moskva, Detskaya literatura, 1960. 140 p.
- TAT'IANICHEVA, L. K. [Selected lyrics, 1940-1965. Izbrannaya lirika, 1940-1965. (Chelabinsk)] Uzhno-Ural'skoe knizhnoe izd-vo, 1965. 338 p. (MH)
- TATKIAN, SHAHEN. [His path. Ego doroga. Erevan, Aipetrat] Vol. 1. 1964. 1 v. [In Armenian] (MIU)
- TERTZ, ABRAM, pseud. [Thought unaware] Mysli vraspiokh. Vstup. stat'ia A. Fil'd. New York, Izd-vo i knizhnoe agentstvo I. G. Rauzena, 1960. 157 p. [In English and Russian]
- TILVYTIS, TEOFILOS. [A trip around the table. Translated from the Lithuanian] Puteshestvie vokrug stola. [Vilnius, Gos. izd-vo khudozh. lit-ry Litovskoi SSR, 1959] 360 p. (CSU)
- TIMOFEEV, L. I. [Fundamentals of the theory of literature] Osnovy teorii literatury. Izd. 3., ispr. Moskva, Prosveshchenie, 1966. 477 p.
- TKACH, M. M. [On spruce-tree winds; lyrics] Na smerekovykh vitrakhi; lirika. Kyiv, Radians'kyl pys'mennyk, 1965. 110 p. (IU) (MI)
- TOLSTOI, L. N. [Collected works in twenty volumes] Sobranie sochinenii v dvadtsati tomakh. Pod obshchimi red. N. N. Akopovoi i dr. Moskva, Khudozhestvennaia literatura, Vol. 10. [Diarion, 1847-1894] Dnevnik, 1847-1894 gg. 1965. 622 p.
- TOLSTOI, L. N. [Selected works in two volumes] Izbrannye proizvedeniia v dvukh tomakh. [Moskva] Leningrad, 1964. 2 v. (ICarib)
- TOMAN, N. V. [Unknown earth; science fiction tales] Neizvestnaya zemlia; nauchno-fantasticheskie povesti. [Moskva] Molodaja gvardiia, 1960. 235 p.
- TOMCHIANI, M. I. [Footprint in the cement] Stid u tsementi. Kyiv, Dnipro, 1960. 415 p. (MIU)
- TORAGIROV, SULTANMAKHUT. [Selected works] Izbrannoe. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1958. 165 p. (InU)
- TOROPYGIN, V. V. [Selected lyrics. Izbrannaya lirika. Moskva] Molodaja gvardiia, 1966. 29 p. (Biblioteka izbrannoi liriki)
- TRETYAKOV, R. S. [Palette] Paleta. Kharkiv, Prapor, 1965. 98 p. (IU)
- TSAGARAEV, MAKSIM. [Ossetian true stories; tales and short stories. Translations from the Ossetic] Ossetinskaya byl'; povesti i rasskazy. Moskva, Sovetskii pisatel', 1965. 397 p. (IU)
- TUMASOV, B. E. [Russia behind the forests; an historical tale] Rus' za lesami; istoricheskaya povest' [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1960. 326 p.
- TYNIAV, I. N. [The young Vitushishnikov] Maloletnyi Vitushishnikov. Moskva, Khudozhestvennaia literatura, 1966. 82 p.
- UDALOV, A. A. [The chalice of patience; a novel] Chasha terpeniia; roman. Moskva, Sovetskii pisatel', 1966. 404 p.
- UKRAINKA, LESIA. [Selected works] Vybrane. Kyiv, Dnipro, 1966. 717 p.
- ULZYTUEV, D. A. [Deer horn; verse. Translated from the Buryat] Oleudi rog; stikhi. Moskva, Sovetskii pisatel', 1965. 129 p. (IU)
- UPITS, ANDREJS. [Collected works in twelve volumes. Translated from the Latvian] Sobranie sochinenii v dvanadtsati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry. Vols. 1-2, 5-10. 1966. 7 v. (NBuU)
- UST'YANTSEV, V. A. [The ocean does not sleep; tales] Okean ne spit; povesti. Moskva, Voenizdat, 1966. 358 p.
- UZHGOROD, ZAKARPATSKA DERZHAVNA OBLASNA BIBLIOTEKA DLIA DOROSLYKH. [Writers of Soviet Transcarpathia; a short index to the literature] Pys'mennyy Radlans'koho Zakarpattia; korotkiy pokazchik literatury. Vyd. 2. Uzhgorod, Zakarpats'ke ob. vyd-vo, 1960. 69 p. (MI)
- VAKHOV, A. A. [Blizzard at night; a novel] Purga v noch; roman. [Magadan, Magadanskoe knizhnoe izd-vo, 1962] 358 p. (MI)
- VANSHENKIN, K. IA. [Verse] Stikhotvoreniia. Red. kol. V. M. Inber i dr. Moskva, Khudozhestvennaia literatura, 1960. 294 p. (Biblioteka sovetskoi poezii)
- VARLAMOVA, I. G. [The window; stories] Okno; rasskazy. [Moskva] Molodaja gvardiia, 1965. 206 p. (IU)
- VASILEVSKII, V. S. [In the forefront; tales and stories] Na porednem krae; povesti i rasskazy. Moskva, Voenizdat, 1966. 199 p.
- VASYL'CHENKO, S. V. [On the guelder rose bridge] Na kalyonim mosti. Kyiv, Dnipro, vyd-vo khudozh. lit-ry, 1960. 267 p. (CUU)
- VERSHIGORA, P. P. [People with a clean conscience; a raid for the Dnieper. With greetings from the front (by) V. V. Ovechkin] Liudi s chistoi sovisti; reid za Dnepr. S frontovym privetom [by] V. V. Ovechkin. Moskva, Khudozhestvennaia literatura, 1960. 403 p. (Velikaya Oleshestvennaia...)
- VINOKUROV, E. M. [Poetry and thought] Poeziia i mysli. Moskva, Sovetskaya Rossiia, 1960. 86 p. (Pisatel i tvorchesvo)
- VODNEVSKII, NIKOLAI. [My breathing; fourth book of verse] Moe dykhanie; chetvertaya kniga stikhov. [Buenos Aires]. 1950. 111 p. (NIC)
- VOGAU, B. A. [The murder of the army commander; tale of the unextinguished moon] Ubistvo komandarma; povest' nepogashennoi luny. Red. V. Chuguev. London, Flegon Press, 1965. 48 p. (Publ. under his pseud. Boris Filinik) (CaOTU) (NIC) (RPP)
- [VOICE OF THE HEART; poets for peace] Holas sertsai; poety za mir. [Minsk, Dzharzh. vyd-va BSSR. Red. mashtatskai lit-ry, 1962] 179 p. (NN)
- VOLKOV, V. A. [Last bride; a tale and stories] Poslednaya nevesta; povest' i rasskazy. Tula, Priokskoe knizhnoe izd-vo, 1965. 98 p.
- VOLOSKOV, V. V. [Man wants happiness; a novel] Chelovek khochet sчас't'ia; roman. [Perm'] Permskoe knizhnoe izd-vo, 1965. 347 p. (MI)
- VOROB'EV, K. D. [Gray poplar; stories] Sedoi topol'; rasskazy. Moskva, Sovetskaya Rossiia, 1965. 67 p. (IU) (NIC)
- VOZNIUK, IA. O. [From village to village; humoresques] Od sela do sela; humoresky. Kyiv, Radlans'kyl pys'mennyk, 1965. 140 p. [Publ. under his pseud. Danylo Okyichenko] (IU)
- VYSHNEVSKYI, D. K. [I love you, mother; tales] IA lubiu vas, mamo; povisti. Kharkiv, Prapor, 1965. 397 p. (IU)
- [THE WEEPING OF A DOE; Turkish folk poetry in the translations of N. Grebnev] Plach lani; turetskaja narodnaia poeziia v perevodakh N. Grebneva. Moskva, Khudozhestvennaia literatura, 1966. 100 p.
- WEINERT, ERICH. [Selected works. Translated from the German. Izbrannoe] Moskva, Izd-vo khudozh. lit-ry, 1958. 485 p. (OU)
- [THE WRITER AND MODERN TIMES; articles of literary criticism] Pisatel' i sovremennost'; sbornik literaturno-kriticheskikh statei. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 297 p. (NCU)
- [YASNAYA POLYANA COLLECTION; articles, materials, and publications] Iasnopolianskii sbornik; stat'i, materialy, publikatsii. Tula, Priokskoe knizhnoe izd-vo. [No. 5] 1965. 225 p.
- YOSUKAR-OLA, MARISKII NAUCHNO-ISSLEDOVATELSKII INSTITUT IAZYKA, LITERATURY I ISTORII. [Russian-Marit dictionary. About 35,000 words] Russko-mariskii slovar'. Okolo 35 000 slov. Moskva, Sovetskaya Entsiklopediia, 1966. 848 p.
- YOURNYAK, ANATOL. [Creative components of literary creation] Tvorchii komponenty literaturnogo tvor. Chicago, 1964. 87 p. (CoU)
- ZABOLOTSKII, N. A. [Verse and poems] Stikhotvoreniia i poemy. Moskva, [Sovetskii pisatel'] 1965. 502 p. (Biblioteka poeta. Bol'shaya seriia. 2. izd.) (MCM)
- ZAHREBEL'NYI, P. A. [Shepit; a novel] Shopit; roman. Kyiv, Radlans'kyl pys'mennyk, 1966. 400 p.
- ZAKONOV, I. P. [Laughing through all the difficulties] Smeikom—po vsem pomelkam. Moskva, Sovetskaya Rossiia, 1965. 76 p. (IEN) (IU)
- ZANGEZUROV, G. I. [At the walls of Moscow; a novel] U sten Moskvy; roman. [Moskva] Moskovskii rabochii, 1966. 392 p.
- ZAPOLSKA, GABRIELA. [Morals of Mrs. Dutska; plays, stories, tales. Translated from the Polish] Morali pani Dul'skoi; p'esy, rasskazy, povesti. [Moskva, Khudozhestvennaia literatura, 1965] 1 v. (MIU)
- ZARINA, MONIKA. [Embroidered ribbon designs; poems] Prievisu raksti; dzaja. [Riga] Zvaigzne, 1965. 40 p. [In Latvian]
- ZASENKO, P. P. [At the fair of the winds; poetry] Na iarmarku vtriv; poeziia. Kyiv, Molod', 1965. 121 p. (IU)
- ZBANATSKYI, IURII. [Generous little hedgehog] Shchedryi izhachok. Kyiv, Dnipro, vyd-vo dytshol lit-ry URSSR, 1964. 16 p. (Dlia doshkil'noho viku) (IU)
- ZEMNOI, V. P. [With a song through life; verse] S pesnei po zhizni; stikhi. Moskva, Sovetskii pisatel', 1965. 131 p. (NIC)
- ZEMSKII, A. M., S. E. KRIUCHKOV, and M. V. SVETLAIEV. [Russian; a textbook for pedagogical institutions] Russkii iazyk; uchebnik dlia pedagogicheskikh uchilissh. Pod red. V. V. Vinogradova. Izd. 7. Moskva, Prosveshchenie. Pt. 2. [Syntax] Sintaksis. 1966. 182 p.
- ZERCHANINOV, A. A., and D. IA. RAKHIN. [Russian literature; a high school textbook] Russkaya literatura; uchebnik dlia srednei shkoly. Izd. 23. Moskva, Prosveshchenie, 1965. 343 p. (Mdu)

- ZHGENT, SULIKO. [Father of a soldier; a movie script] Otets soldata; kinostsenarij. Moskva, Iskustvo, 1965. 79 p. (Biblioteka kinodramaturgii) (NIC)
- ZHIUKOV, V.N. [Earthly worries; a novel] Zemnaya trevoga; roman. Moskva, Voenizdat, 1966. 288 p.
- ZIEDONIS, I.A. [Resin and amber; verse. Translated from the Lithuanian] Smola i lantar'; stikhi. Moskva, Sovetskii pisatel', 1965. 92 p. (IU)
- ZOTOV, A.P. [Voices; verse] Golosa; stikhi. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 70 p. (IU)
- ZUL'FIA, psevd. [Gift of the valley; new verse. Translated from the Uzbek] Dar doliny; novye stikhotvoreniya. Moskva, Pravda, 1966. 30 p. (Biblioteka "Ogonek", no. 2) (MII)
- ZVEREV, O.E. [Confluence of streams; verse] Stitsanie ruch'ev; stikhi. Moskva, Sovetskii pisatel', 1965. 62 p. (IU) (NIC) (NNC)
- ## 12. GEOGRAPHY & GEOLOGY
- AFANAS'EV, A.P. [Mineralogy of the Pre-Glacial weathering surface of the Kola Peninsula and vermiculite deposits confined to it] Mineralogiya doednikovoi kory vyvetrivaniya Kotskogo poluostrova i priurochennykh k nei mestorozhdenii vermiculita. Moskva, Nauka, 1966. 169 p.
- AKADEMIYA NAUK GRUZINSKOI SSR, Tiflis. Institut paleobiologii. [Manual on the ecology of marine bivalve mollusks; the way of life of bivalve mollusks belonging to genera represented in Cenozoic marine and sub-marine water sediments in the southern U.S.S.R.] Spravochnik po ekologii morskikh dvustvorok; obraz zhizni dvustvorchatykh molluskov, priadlezhashchikh k rodam, predstavlyennym v morskikh i solonovodnykh otlozheniyakh kaimozola Iuga SSSR. [By] K.G. Bagdasarian i dr. Kh. red. L.Sh. Davlatshvili i R.L. Merklin. Moskva, Nauka, 1966. 351 p.
- AKADEMIYA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrologii, mineralologii i geokhimii. [Essays on the geochemistry of endogenic and hypergenic processes] Ocherki geokhimii endogennykh i gipergennykh protsessov. Moskva, Nauka, 1966. 334 p.
- AKADEMIYA NAUK SSSR. Institut narodov Azii. [Present-day Iraq; a handbook] Sovremennyyi Irak; spravochnik. Moskva, Nauka, 1966. 277 p.
- AKADEMIYA NAUK SSSR. Kotskii filial, Kirovsk. [Ancient volcanic-sedimentary and metamorphic complexes of the Kola Peninsula] Drevneishie osadochno-vulkanogenye i metamorficheskie kompleksy Kotskogo poluostrova. Moskva, Nauka, 1966. 117 p.
- AKADEMIYA NAUK SSSR. Kotskii filial, Kirovsk. [Geophysics and tectonics of the Kola Peninsula] Geofizika i tektonika Kotskogo poluostrova. Moskva, Nauka, 1966. 88 p.
- AKADEMIYA NAUK SSSR. Komissiya po izucheniiu chetvertichnogo perioda. [Recent and Quaternary continental lithogenesis] Sovremennyyi i chetvertichnyi kontinental'nyi litogenez. Moskva, Nauka, 1966. 106 p.
- AKADEMIYA NAUK SSSR. Okeanograficheskaya komissiya. [Studies of hydrodynamic and morphodynamic processes occurring in seashore zones] Issledovaniya gidrodinamicheskikh i morfodinamicheskikh protsessov beregovoi zony moria. Moskva, Nauka, 1966. 28 p.
- AKADEMIYA NAUK SSSR. Sibirskoe otdelenie. Institut geografii Sibiri i Dal'nego Vostoka. [Cartographic methods of integrated geographical studies] Kartograficheskie metody kompleksnykh geograficheskikh issledovaniy. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 191 p.
- AKADEMIYA NAUK URSS, Kiev. [Tectonics of the Carpathians] Tektonika Karpat. Kiev, Naukova dumka, 1966. 88 p. (Respublikanskii mezhdomestvennyi sbornik: Seriya "Geologiya i geokhimiya goruchikh iskopayemykh")
- AKADEMIYA NAUK URSS, Kiev. Sektor geografii. [Paleogeography and paleogeography of the Ukraine] Paleogeografichni umovy terytorii Ukrainy v plitseni ta antropogeni. Kiev, Naukova dumka, 1966. 124 p. (Respublikanskii mizividomchyi zbirnyk. Fizychna geografiya ta geomorfologiya)
- ALEKSEEV, E.P. [Karachays and Balkars, ancient people of the Caucasus] Karachaevtsy i balkartsy, drevni narod Kavkaza. Cherkessk, Karachaev-Cherkesskoe knizhnoe izd-vo, 1963. 92 p. (MII)
- AL'TSHULER, V.M. [Practical problems of the analysis and calculation of oceanic tides] Prakticheskie voprosy analiza i rascheta morskikh prilivov. Leningrad, GIMIZ, 1966. 310 p.
- BABAEV, A., A. LAVROV, and K. AMANMURADOV. [Geography of Turkmenistan; textbook for grade 8] Turkmenistanyň geografiasy; VIII klas uchin okuv kitaby, birinshi nashir. A. Babayev redaktatsiay bilen. Ashgabat, Turkmenistan neshirlyaty, 1964. 80 p. [In Turkmen]
- BOGOMOLOV, G.V., and A.I. SILIN-BEKCHURIN. [Underground waters and their study] Podzemnye vody i ikh izuchenie. Minsk, Nauka i tekhnika, 1966. 252 p.
- BYKOVA, M.S. [Lower Carboniferous corals of eastern Kazakhstan] Nizhnemokarnyuzhnye korally Vostochnogo Kazakhstana. Alma-Ata, Nauka, Kazakhskoi SSR, 1966. 213 p.
- CHEBANENKO, I.I. [Fracture tectonics of the Ukraine] Rozlomna tektonika Ukrainy. Kiev, Naukova dumka, 1966. 177 p.
- CHERNOV, G.A. [Tourist trips to the "Pechora Alps"] Turistskie pokhody v "Pecherskie Al'py." Izd. 2., perer. i dop. Moskva, Fizkul'tura i sport, 1965. 158 p. (Po rodnym prostoram)
- CHISTOV, A.A. [Through Tunisia and Libya] Po Tunisu i Livi. Moskva, Nauka, 1966. 126 p. (Puteshestviya po stranam Vostoka)
- CHUPAKHIN, V.M. [From deserts to snow-capped summits] Ot pustyn' do snezhnykh vershin. Alma-Ata, Izd-vo "Kazakhstan", 1966. 193 p.
- GEOGRAFICHESKOE OBSHCHESTVO SSSR. [Statute of the Geographical Society of the U.S.S.R.] Ustav. [Leningrad] 1965. 31 p. [MICROFILM]
- GEOGRAFICHESKOE OBSHCHESTVO SSSR. Novosibirskii otdel. [Problems of cartography] Voprosy kartografii. Novosibirsk, 1961. 115 p.
- GLAGOLEV, A.A. [Metamorphism of Pre-Cambrian rocks in the Kursk Magnetic Anomaly; petrography and the characteristics of the metamorphism of the iron formation and some other Pre-Cambrian rocks of the Staroselskiy iron-ore region in the Kursk Magnetic Anomaly] Metamorfizm dokembrijskikh porod KMA; petrologiya i zakonornosti metamorfizma zhelezistoi formatsii i nekotorykh drugikh dokembrijskikh porod Staroselskogo zhelezorudnogo raiiona Kurskoi magnitnoi anomalii. Moskva, Nauka, 1966. 157 p. illus.
- GRANIN, D.A. [A month head over heels] Mesiaty vverkh nogami. [Leningrad] Lenizdat, 1966. 132 p.
- GRUDZINSKII, M.E. [The road leads to the mountains; reference guidebook on the Malaya Almaatinka Valley] Doroga vedet v gory; spravochnik putevoditel' po doline Maloi Almaatinki. Alma-Ata, Izd-vo "Kazakhstan" 1965. 184 p. illus.
- [THE HILL OF GLORY; a guidebook] Khoim slavy; putevoditel'. L'vov, Kamenar, 1965. 60 p. (CS-H)
- IBAD-ZADE, IU. A., and T.N. KHASBEILI. [Evolution of riverbeds] Formirovaniye rusel rek. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 223 p.
- KASUMOVA, G.M. [Flora of the Oligocene deposits of the northeastern foothills of the Lesser Caucasus (Azerbaijan) and its stratigraphic significance] Flora oligotsenovykh otlozhenii severo-vostochnykh predgorii Malogo Kavkaza (Azerbaidzhan) i ee stratigraficheskoe znachenie. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 56 p. plates.
- KNIPOVICH, IU.N., and IU.V. MORACHEVSKII, eds. [Analysis of mineral raw materials] Analiz mineral'nogo syr'ya. Izd. 3., stereotipnoe, ispr. Leningrad, Goskhimizdat, 1959. 1055 p.
- KOLESOV, A.N., comp. [Manual for army tourists] Spravochnik armijskogo turista. Moskva, Voenizdat, 1966. 231 p. (Turist SSSR)
- KOMARNYTS'KYI, A.A. [Chernovtsy] Chernivtsi. Kyiv, Mysl'istvo, 1965. 1 v. (chiefly illus.) (CaOTU)
- KONOVALOV, E.M., and IU. G. LIPE'TS. [Malawi] Malavi. Moskva, Mysl', 1966. 76 p. (U karty mira)
- KRASNYI, L.I., ed. [Geological structure of the north western part of the Pacific Ocean mobile belt] Geologicheskoe stroenie severo-zapadnoi chasti Tikhookeanskogo podvzhnogo polosa. Moskva, Nedra, 1966. 515 p. 515 p. folded diagrs. (insert)
- MANINA, A.I. [The Komsomol Prospect] Komsomol'skii prospekt. [Moskva] Moskovskii rabochii, 1966. 60 p.
- MASANOV, E.A. [Outline history of the ethnographic study of the Kazakh people in the U.S.S.R.] Ocherk istorii etnograficheskogo izucheniya kazakhskogo naroda v SSSR. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 321 p.
- MEKHITIEV, N.N. [Dynamics and morphology of the western coast of the southern Caspian; from the Byandovan Cape to the Astarachay River] Dinamika i morfologiya zapadnogo poluost'va Iuzhnogo Kaspiya; ot m. Byandovan do r. Astarachal. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 111 p.
- MIRONOV, A.E. [Ice odyssey (notes of a member of the "Chetuskina" expedition; a documentary narrative) Ledovaya odysseya (zapiski chetuskintsa); dokumental'naya povest'. [Moskva] Moluchia gvardiya, 1966. 220 p.
- NIKOLAEV, V.D. [Dangerous virus; feutitosis] Opasnyi virus; feutitosis. Moskva, Pravda, 1966. 62 p. (Biblioteka Ogonek, no. 7) (MII)
- PAISTU, Tallinn, Kirjastus "Eesti Raamat," 1965. [1] p. (chiefly illus.) [In Estonian]
- PANOV, D.G. [General geomorphology] Obshchaya geomorfologiya. Moskva, Vysshaya shkola, 1966. 420 p.
- PEREVOSICHKOV, A.P. [Nature of Udmurtia; textbook for grade 4] Priroda Udmurtii; uchebnoe posobie dlya 4-go klassa. Izd. 2., ispr. i dop. Izhevsk, Udmurtia, 1965. 49 p.
- RAUDVER, G. [Inapsalu] Kharapsalu. [2. teondatud trukk]. Tallin, Eesti Raamat, 1965. 121 p.
- SARKISIAN, A.S. [Fundamentals of the theory and calculation of ocean currents] Osnovy teorii i raschet okeanicheskikh techenii. Leningrad, Gidrometizdat, 1966. 121 p.
- SHIGER, A.G. [Political map of the world, 1900-1965; a reference book] Politicheskaya karta mira (1900-1965); spravochnik. Izd. 2., dop. [Moskva, Politizdat, 1966. 207 p. map (insert)]
- SOLOUKHIN, V.A. [Slavic notebook; selected studies] Slavianskaya tetrad', izbrannye etudy. Moskva, Sovetskaya Rossiya, 1965. 148 p. (NeU)
- SOVESHCHANIYE PO EKSPERIMENTAL'NOI I TEKHNIChESKOI MINERALOGII I PETROGRAFI. 7th. L'vov, 1964. [Experiment in technical mineralogy and petrography; based on materials of the ...] Eksperiment v tekhnicheskoi mineralologii i petrografii; po materialam.... Moskva, Nauka, 1966. 335 p.
- [STUDY OF GEOLOGY OF THE U.S.S.R.] Geologicheskaya izuchennost' SSSR. Kiev, Naukova dumka. Vol. 31. [Ukrainian SSR; western provinces. Period 1940-1950] Ukrainskai SSR; zapadnye oblasti. Period 1940-1950. No. 1. [Published literature and notations] Opublikovannyye raboty i obzornyye glavy. 1966. 148 p. Vol. 32. [Ukrainian S.S.R.; central and eastern provinces. Period 1940-1950] Ukrainskai SSR; tsentral'nyye i vostochnyye oblasti. Period 1940-1950. No. 1. [Published literature and notations] Opublikovannyye raboty i obzornyye glavy. 1966. 241 p.
- [STUDY OF THE GEOLOGY OF THE U.S.S.R.] Geologicheskaya izuchennost' SSSR. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR. Vol. 42. [Azerbaijan S.S.R. Period 1951-1955] Azerbaidzhanskai SSR. Period 1951-1955. No. 1. [Published literature] Opublikovannaya literatura. 1966. 253 p.

- SVET, I.A.M. [History of the discovery and exploration of Australia and Oceania] Istorija otkrytiya i issledovaniya Avstralii i Okeanii. Moskva, Mysl', 1966. 399 p. (Otkrytie Zemli)
- [TOURIST ROUTES FOR 1966] Turistskie marshruty na 1966 god. [Moskva] Profizdat, 1966. 174 p. illus.
- TUGARINOV, A.I., and G.V. VOITKEVICH. [Pre-Cambrian geochronology of the continents] Dokenbril'skaya geokhronologiya materikov. Moskva, Nedra, 1966. 386 p.
- UKRAINSKO-CHEKOSLOVATSKAYA KONFERENTSIYA PO BENTONITAM, Uzhgorod, 1965. [Bentonite clays of Czechoslovakia and the Ukraine; transactions] Bentonitovy gilyb Chekosllovakii i Ukrainy; trudy. Kiev, Naukova dumka, 1966. 200 p.
- VASIL'EV, I.V. [Aid for a tourist instructor] V pomoshch' instruktora turizma. [Moskva] Profizdat, 1966. 150 p.
- VEKLYCH, M.F. [Paleogeomorphology of the Ukrainian Shield region; Mesozoic and Cenozoic] Paleogeomorfologiya oblasti Ukrainy koho shchyt; mezozoi i kainozoi. Kyiv, Naukova dumka, 1966. 110 p. map (insert)
- VOLOSHINA, A.P. [Heat balance of the surface of high mountain glaciers in summer; based on the example of Mt. Elbrus] Teplovoy balans poverkhnosti vysokogor'nykh lednikov v letniy period; na primere El'brusa. Moskva, Nauka, 1966. 146 p.
- VTURINA, E.A. [Cryogenic sloping terraces] Kriogennye sklonovyye terrasy. Moskva, Nauka, 1966. 94 p.
- ### 13. SCIENCE
- ADABASHEV, I.T. [Conquering the "sky-blue continent."]. Pokorenie "golubogo kontinenta." Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnika. XII Seriya: Estestvoznaniye i religiya, no. 6)
- AKADEMIYA MEDITSINSKIKH NAUK SSSR, Moscow, Institut eksperimental'noi endokrinologii. [Problems of experimental and clinical endocrinology; materials of the 4th Conference of Young Scientists, April, 8-9, 1965] Voprosy eksperimental'noi i klinicheskoi endokrinologii; materialy IV Konferentsii molodykh uchenykh, 8-9 aprilya 1965 goda. Moskva, 1965. 100 p.
- AKADEMIYA NAUK SSSR, Aleksandr Petrovich Shennikov. Vstup. stat'ia T.A. Rabotnova i N.V. Dylysa. Bibliografiya sostavlena M.M. Shennikovoi i G.N. Flnashinov. Moskva, Nauka, 1966. 67 p. (Materialy k bibliografiye uchenykh SSSR. Seriya biologicheskikh nauk. Botanika, no. 8)
- AKADEMIYA NAUK SSSR, Nikolai Nikolaevich Semenov. Izd. 2., dop. Sost. N.M. Emanuel'. Moskva, Nauka, 1966. 65 p. (Materialy k bibliografiye uchenykh SSSR. Seriya khimicheskikh nauk, no. 38)
- AKADEMIYA NAUK SSSR, Institut morfologii zhivotnykh. [Mechanisms of flight and orientation in birds] Mekhanizmy poleta i orientatsii ptits. Moskva, Nauka, 1966. 222 p.
- AKADEMIYA NAUK SSSR, Kol'skii filial, Kirovsk. Polarnyy geofizicheskii institut. [High-latitude studies in the field of geomagnetism and aeronomy] Vysokoshirynnye issledovaniya v oblasti geomagnetizma i aeronomii. Moskva, Nauka, 1966. 110 p.
- AKADEMIYA NAUK SSSR, Nauchnyi sovet po kompleksnoi probleme "Fotosintez." [Highly productive systems of photosynthesis] Fotosinteziruiushchie sistemy vysokoi produktivnosti. Moskva, Nauka, 1966. 222 p.
- AKADEMIYA NAUK SSSR, Nauchnyi sovet po problemam molekularnoi biologii. [Molecular principles of the biology of viruses] Molekulyarnyye osnovy biologii virusov. Moskva, Nauka, 1966. 469 p.
- AKADEMIYA NAUK SSSR, Sibirskoe otdeleniye. Institut gornogo dola. [Organization and efficiency of scientific research] Organizatsiya i effektivnost' nauchnykh issledovaniy. Novosibirsk, Nauka, 1965. 195 p.
- AKADEMIYA NAUK SSSR, Vychislitel'nyi tsentr. [Tables of incomplete cylindrical functions] Tablitsy nepolnykh tsilindricheskikh funktsii. [By] M.M. Agrest i dr. Moskva, 1966. 320 p. (Matematicheskio tablitsy)
- AKADEMIYA NAUK URSS, Kiev. [Insects of the Ukrainian Carpathians and Transcarpathia] Komakhy Ukrainy - s'kykh Karpat i Zakarpattia. Kyiv, Naukova dumka, 1966. 173 p. (Respublikanska kyiv mizhvidomchii zbirnyk. Seriya: "Problemy zoologii")
- AKADEMIYA NAUK URSS, Kiev. [Physics of the moon and planets] Fizika luny i planet. Kiev, Naukova dumka, 1966. 108 p. (Respublikanskiy mezhviedomstvennyi sbornik. Seriya: "Astronomiya i Astrofizika")
- AKADEMIYA NAUK URSS, Kiev. Institut matematyki. [Mathematical physics] Matematicheskaya fizika. Kiev, Naukova dumka, 1966. 193 p. (Respublikanskiy mezhviedomstvennyi sbornik)
- AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent. Institut matematiki. [Limit theorems and statistical deductions] Predel'nye teoremy i statisticheskie vyvody. Tashkent, Izd-vo "Fan" Uzbekskoi SSR, 1966. 101 p.
- AKADEMIYA NAVUK BSSR, Minsk. Institut eksperymental'noi botaniki. [Studies in plant physiology and biochemistry] Issledovaniya po fiziologii i biokhimiye rasteniy. Minsk, Nauka i tekhnika, 1966. 184 p.
- AKADEMIYA NAVUK BSSR, Minsk. Institut eksperymental'noi botaniki i mikrobiologii. [Physiological and biochemical studies on plants] Fiziologo-biokhimicheskie issledovaniya rasteniy. Minsk, Nauka i tekhnika, 1965. 113 p.
- AKADEMIYA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Encyclopedia of elementary mathematics] Entsiklopediya elementarnoi matematiki. Moskva, Nauka, Book 5. [Geometry] Geometriya. 1966. 624 p.
- ARSENIN, V.IA. [Mathematical physics; basic equations and special functions] Matematicheskaya fizika; osnovnye uravneniya i spetsial'nye funktsii. Moskva, Nauka, 1966. 307 p. (Fiziko-matematicheskaya biblioteka inzhenera)
- ARTAMKIN, V.N., and D.A. USHIKOV. [Unusual transformations of atomic energy] Neobyknovennyye prevrashcheniya atomnoi energii. Izd. 2., dop. Moskva, Atomizdat, 1966. 109 p.
- ARTSEMOVICH, L.A. [Elementary plasma physics] Elementarnaya fizika plazmy. Izd. 2., pererab. dop. Moskva, Atomizdat, 1966. 199 p.
- BORKHISENIUS, N.S. [Catalog of the scale insects (Dipterididae) of the world fauna] Katalog shchitovok (Dipterididae) mirovoi fauny. Moskva, Nauka, 1966. 448 p.
- BOURBAKI, NICOLAS, pseud. [Functions of real variables; elementary theory. Translated from the French] Funktsii detsyativnogo peremennogo; elementarnaya teoriya. Moskva, Nauka, 1965. 424 p. (Ili: Elementy matematiki) (NIC)
- BYKOV, D.B. [Little zoological garden in school; its organization and equipment] Zoologicheskii zhivotnyy ugotok v shkole; organizatsiya i oborudovanie. [Leningrad] Leningrad, 1966. 92 p.
- CHERNOVA, N.M. [Zoological characteristics of composts] Zoologicheskaya kharakteristika kompostov. Moskva, Nauka, 1966. 153 p.
- DANN, D.S. [Inevitability of a strange world] Nolzbezhnost' strannogo mira. Izd. 3. [Moskva] Molodaya gvardiya, 1966. 374 p.
- DAVITASHVILI, L.SH. [Current status of evolution theory in the West] Sovremennoye sostoyaniye evolyutsionnogo ucheniya na Zapade. Moskva, Nauka, 1966. 242 p.
- ERDNEV, P.M. [Use of the opposition method in an arithmetic class in the first grade; textbook for teachers of elementary grades] Metod protivopostavleniya na urokakh aritmetiki v pervom klasse; posobie dlia uchitel'ei nachal'nykh klassov. Moskva, Prosveshchenie, 1966. 135 p.
- FROLOV, I.U.P. [Song and speech in the light of I.P. Pavlov's theory] Penie i rech' v svete ucheniya I.P. Pavlova. Moskva, Muzyka, 1966. 97 p. (V pomoshch' pedagogu-muzykantu)
- FUCHS, L. [Partially ordered algebraic systems. Translated from the English] Chastlichno uporiadchennyye algebracheskije sistemy. Moskva, "Mir", 1965. 342 p. (NN)
- GEMBITSKII, P.A., D.S. ZHUK, and V.A. KARGIN. [Chemistry of ethylenimine] Khimiya etilenimina. Moskva, Nauka, 1966. 255 p.
- GOL'SHTEIN, E.G., and D.B. IUDIN. [New trends in linear programming] Novyye napravleniya v lineinoy programirovaniy. Moskva, Sovetskoe radio, 1966. 524 p.
- GROSSGEIM, A.A., and M.F. SAKHOKIA. [A review of the latest systems of flowering plants] Obzor novykh sistem tsvetkovykh rasteniy. Red. i predisl. M.F. Sakhokia. Tbilisi, Metsnereba, 1966. 196 p. diagrs. (insert)
- [HANDBOOK ON ELEMENTARY MATHEMATICS, MECHANICS AND PHYSICS] Spravochnik po elementarnoi matematike, mekhanike i fizike. Izd. 9. Minsk, Nauka i tekhnika, 1966. 200 p.
- HERVE, MICHEL. [Functions of several complex variables; local theory. Translated from the English] Funktsii mnogikh kompleksnykh peremennykh; lokal'naya teoriya. Moskva, Mir, 1965. 164 p. (RPB)
- IAROSLAV, S.IU. [Physiology of man and animals] Fiziologiya cheloveka i zhivotnykh. Kyiv, Radnashka shkola, 1965. 391 p.
- IL'UCHENOK, R.IU. [Neurohumoral mechanisms of the reticular formation of the brainstem] Neurohumoral'nye mekhanizmy retikulyarnoi formatsii silovoi mozga. Moskva, Nauka, 1965. 257 p. (DNLM)
- IVANOV, A.F., A.V. PONOMAREVA, and T.F. DERIUGINA. [Relation of woody plants to the moisture and acidity of soils] Otnosheniye drevesnykh rasteniy k vlazhnosti i kislotnosti pochvy. Minsk, Nauka i tekhnika, 1966. 231 p.
- IZUMOV, I.U.A., and R.P. OZEROV. [Magnetic neutron diffraction examination] Magnitnaya neitronografika. Moskva, Nauka, 1966. 532 p. (Fiziko-matematicheskaya biblioteka inzhenera)
- KAPUTSKII, F.N. [Manual of chemistry for students entering institutions of higher learning] Posobie po khimii dlia postupaushchikh v vuzy. Minsk, Vysshaya shkola, 1965. 322 p.
- KIEV. UNIVERSYTET. Astronomicheskaya observatoriya. [Catalogue of the position of faint stars in the PFKSZ system in the region from 10° to 30° degrees by declination] Katalog polozheniy slabnykh zvezd v sisteme PFKSZ, zona ot 10° do 30° po skloneniyu. Kiev, Izd-vo Kievskogo univ., 1964. 206 p. (MIU)
- KISHINEV. POLITEKHNIЧЕСКИЙ ИНСТИТУТ. [Slide subgroup elements; transition elements. A methodological manual for students in "General and inorganic chemistry."]. Elementy pobechnykh podgrupp; perekhodnye elementy. Uchebno-metodicheskoe posobie dlia studentov, izuchaiushchikh kurs "Obshchey i neorganicheskoi khimii." Kishinev, 1965. 20 p.
- KONFERENTSIYA PO KOSMICHESKOI BIOLOGII I MEDITSINE, 1964. [Materials of the Conference on Space Biology and Medicine] Materialy. Pod red. A.V. Lobedinskogo, I.U.G. Nefedova i I.M. Khazena. Moskva, In-t mediko-biologicheskikh problem, 1966. 150 p.
- KONFERENTSIYA PO TEORII PLASTIN I OBOLOCHEK, Kazan, 1966. [Transactions of the Conference on the Theory of Plates and Shells] Trudy. Kazan', Kazanskii gos. univ., 1961. 428 p. (RPB)
- KOROLEV, F.A. [Theoretical optics] Teoreticheskaya optika. Moskva, Vysshaya shkola, 1966. 554 p.
- KRUGLIAK, I.U.A. [Tables of quantum chemistry integrals] Tablitsy integralov kvantovoi khimii. Khar'kov, Izd-vo Khar'kovskogo univ. Vol. 2. [Tables of certain molecular two-center one-electron integrals] Tablitsy nekotorykh molekulyarnykh dvukhtsentrovnykh odnoelektronnykh integralov. 1966. 179 p.
- KURSKOV, A.N. [Living radars] Zhivyye radary. Minsk, Nauka i tekhnika, 1966. 91 p.
- KUZNETSOV, B.G. [Development of physical ideas from Galileo to Einstein in the light of modern science] Razvitiye fizicheskikh idei ot Galileia do Einsteina v svete sovremennoi nauki. 2. Izd. Moskva, Nauka, 1966. 517 p.

- KHARKOV, UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TUBERKULEZA. [Scientific session of the Institute; summaries of reports, June 16-17] Nauchnaya sessiya instituta; tezisy dokladov, 16-17 iyunia. Khar'kov, Obshchestvo ob-vo fizitsitov, 1964, 113 p. (DNLM)
- KHOROSHI, I.D. [First years of the development of Soviet public health programs in the Ukraine, 1910-1920] Pervye gody razvitiia sovetskogo zdoravookhraneniia na Ukraine (1910-1920). Kiev, Gos. med. izd-vo USSR, 1963, 206 p. (NIC)
- KIRIUSICHENKO, A.P. [Leucorrhea] Bell, Moskva, Meditsina, 1966, 18 p. (Nauchno-populiarnaya meditsinskaya literatura) (DNLM)
- KOVALENKO, P.P., and V.A. EMELIANOV. [Preservation and transplantation of cartilage; experimental clinical research] Konservirovaniye i peresadka khryashcha; eksperimental'no-klinicheskie issledovaniya. Moskva, Meditsina, 1966, 166 p. (Biblioteka prakticheskogo vracha) (DNLM)
- KRIVCHIKOV, I.U. [Technique of connecting and shunting blood vessels] Tekhnika soedineniya i shuntirovaniya krovenosnykh sosudov. Kiev, Zdorov'ia, 1966, 172 p. (DNLM)
- KROL', M.B., and E.A. FEDOROVA. [Basic neuropathological syndromes] Osnovnye nevropatologicheskie sindromy. Moskva, Meditsina, 1966, 511 p. (DNLM)
- LASKOV, B.I. [Problems of enuretics] Problemy enureza. Izd. 2. Moskva, Meditsina, 1966, 288 p. (DNLM)
- [LITTLE MEDICAL ENCYCLOPEDIA] Malaya meditsinskaya entsiklopediya. Otv. red. V.Kh. Vasilenko. Moskva, Sovetskaya Entsiklopediya, Vol. 2. [Bronchadenitis - gonotomy] Bronkhoadenit-gonotomiya. 1966, 1200 columns, 2 phonorecords (insert)
- LUK'IANCHENKO, B.IA. [Lymphography] Limfografiya. Moskva, Meditsina, 1966, 217 p. (DNLM)
- MOSCOW, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EPIDEMIOLOGII I MIKROBIOLOGII. [Typhoid fever; specific prevention, immunity and serological diagnosis. Materials of the scientific conference organized by the Moscow Scientific Research Institute of Epidemiology and Microbiology of the Ministry of Public Health of the R.S.F.S.R., the Problem Commission on Epidemiology, Microbiology and Virology of the Scientific Council of the Ministry of Public Health of R.S.F.S.R., and the All-Russian Scientific Medical Society of Epidemiologists, Microbiologists and Infectious Disease Specialists] Bruzhnoi tif; spetsificheskaya profilaktika, immunitet i serologicheskaya diagnostika. Materialy nauchnoi konferentsii, organizovannoi Moskovskim nauchno-issledovatel'skim institutom epidemiologii i mikrobiologii Ministerstva zdoravookhraneniia RSFSR, Problemnnoi komissiei po epidemiologii, mikrobiologii i virusologii Uchenogo sovesha Ministerstva zdoravookhraneniia RSFSR i Vsesoiuzniskim nauchno-meditsinskim obshchestvom epidemiologov, mikrobiologov i infektsionistov. Moskva, 1965, 240 p. (DNLM)
- MOSCOW, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIIGIENY. [Hygienic problems of the planning and sanitary protection of the atmospheric air] Voprosy gigieny planirovki i sanitarnoi okhrany atmosfery vozdushnogo sredy. Moskva, 1966, 173 p. (Uchenye zapiski)
- MOSCOW, PUBLICHNAIA BIBLIOTEKA. [For your health; a list of recommended popular literature] Dlia vashogo zdorov'ia; rekomendatsii na obozore nauchno-populiarnoi literatury. Moskva, 1963, 33 p. (V pomoshch' chitatelei, no. 1)
- MOSCOW, VTOROI MEDITSINSKII INTISUT. [Medicine in the monuments of Latin and Greek literature] Meditsina v pamiatnikakh latinskoi i grecheskoi literatury. Moskva, 1966, 271 p. (Ist. Trudy)
- NAUCHNOE SOVESICHANIE PO PROBLEMAM MEDITSINSKOI GEOGRAFI. 2d. 1965. [Reports of the Second Scientific Conference on Problems of Medical Geography. Doklady] Leningrad, Geogr. ob-vo Sotuz SSR. Pis. 1-2. 1965, 2 v. (MICROFILM)
- NEGOVSKII, V.A., ed. [Principles of the science of resuscitation] Osnovy reanimatsologii. Moskva, Meditsina, 1966, 399 p. (DNLM)
- NESTEROVA, A.P., and V.A. OLENEVA. [Therapeutic diet in peptic ulcer] Lechebnoe pitaniye pri iazvennoi bolezni. Izd. 2. Moskva, Meditsina, 1966, 57 p. (Nauchno-populiarnaya meditsinskaya literatura) (DNLM)
- NILOV, EVGENII. Botkin. Moskva, Molodaia gvardiya, 1966, 156 p. (Zhizn' zamchatel'nykh liudei. Seriya biografii, no. 2(419))
- PANCHENKO, V.M. [Coagulation and anticoagulation systems in the pathogenesis and treatment of intravascular thromboses] Svertyvalushchaya, protivosvertyvalushchaya sistemy v patogeneze i lechenii vnutrisosudistyykh trombozov. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 31 p. (DNLM)
- PEREL'MAN, V.M. [X-ray diagnosis in urological practice] Rentgenodiagnostika v urologicheskoi praktike. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 50 p. (DNLM)
- PETROV, I.U. V. [Prevention of breast cancer] Preduprezhdeniye raka molochnoi zhelezy. Moskva, Meditsina, 1966, 23 p. (Nauchno-populiarnaya meditsinskaya literatura) (DNLM)
- POGOSEV, V.S. [Partial resections of the larynx in its cancerous lesion] Chastichnyye rezektsii gorlani pri rakovom ee porazhenii. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 53 p. (DNLM)
- POLIAKOV, V.A. [Characteristics of the course and the principles of the treatment of combined radiation lesions] Osobennosti techeniya i printsipy lecheniya kombinirovannykh radiatsionnykh povrezhdenii. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 38 p. (DNLM)
- PORUDOMINSKII, V.I. Pirogov. Moskva, Molodaia gvardiya, 1965, 301 p. (Zhizn' zamchatel'nykh liudei. Seriya biografii) (MID)
- POTAPOV, I.I., and I.U. M. OVCHINNIKOV. [Handbook for mastering the methodology and technique of surgery on the stapes for otosclerosis and adhesive middle otitis] Praktikum po ovladeniiu metodikoi i tekhnikoi operatsii na stromechke po povodu otoskleroza i adgeziivnogo srednego otita. Pod red. I.I. Potapova. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1965, 39 p. (DNLM)
- PUSIKAR', I.U. T., and D.M. ARONOV. [When your heart pains you] Kogda boit serdtse. Moskva, Znaniye, 1966, 44 p. (Narodnyi universitet: Fakul'tet zdorov'ia, no. 11)
- RIGA, MEDICINAS INSTITUTS. [Chemistry and medicine; materials of the 12th Session] Khimii i meditsina; materialy XII nauchnoi sessii. Riga, 1964, 114 p. (DNLM)
- SHUL'PINA, N.B. [Methodology of the microscopy of the living eye] Metodika mikroskopi zivogo glaza. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 23 p. (DNLM)
- SHUL'PINA, N.B. [Microgonoscopy] Mikrogonoskopiya. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 28 p. (DNLM)
- SHUL'PINA, N.B. [Rim lamp and its use] Shechelevaya lamp i ee primenenie. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 30 p. (DNLM)
- SKVORTSOV, V.V., V.S. KIKTENKO, and V.D. KUCHERENKO. [Survival and indication of pathogenic microbes in the external environment] Vyzhivaiemost' i indikatsiya patogennykh mikrobov vo vneshnoi srede. Izd. 2. Moskva, Meditsina, 1966, 359 p.
- STANETS', M.P. [Therapeutic properties of celandine] Pro likuvani vlastyosti chystotliu zvychnocho. Kyiv, Zdorov'ia, 1966, 77 p. (DNLM)
- STEPANOV, V.S. [Organization of the work of the apparatus of public health organs] Organizatsiya raboty apparata organov zdoravookhraneniia. Moskva, TsINTI, 1966, 44 p. (DNLM)
- [TOXOPLASMOSES; its epidemiology, clinical aspects, treatment and prevention] Toksoplazmoz; epidemiologiya, klinika, terapiya i profilaktika. [By] L.K. Korovitskii i dr. 2., perer. i dop. izd. Kiev, Zdorov'ia, 1966, 287 p. (Biblioteka prakticheskogo vracha) (DNLM)
- VEBER, L.G. [Sanitary and epidemiological service in the system of health protection for the population of the U.S.S.R.; a textbook for doctors attending group courses with previous group training in the organization of sanitary and epidemiological affairs and the organization of public health] Sanitarno-epidemiologicheskaya sluzhba v sisteme okhrany zdorov'ia naseleniya SSSR; uchebnoe posobie dlia vrachei-kursantov tsiklov s predelkoi podgotovki po organizatsii sanitarno-epidemiologicheskogo dela i organizatsii zdoravookhraneniia. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 117 p. (DNLM)
- VOTCHAL, B.E. [Essays on clinical pharmacology] Ocherki klinicheskoi farmakologii. Moskva, Gos. izd-vo med. lit-ry, 1963, 413 p. (RPE)
- ZELENSKII, N.M. ["Berezovskiy mineral waters", the springs of health] Rodniki zdorov'ia "Berezovskiy mineral'nye vody." 2., izd., perer. i dop. Khar'kov, Prapor, 1965, 142 p.
- ZHENDRINSKII, I.P. [Pregnancy and jaundice; Botkin's disease] Boremenost' i zhetukha; bolezni Botkina. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966, 49 p. (DNLM)

15. AGRICULTURE

- AKADEMIA NAUK KIRGIZSKOI SSR, Frunze. Institut biologii. [Fungus diseases of agricultural plants in Kirghizistan] Gribnye bolezni sel'skokhoziaistvennykh kul'tur v Kirgizii. Frunze, Ilim, 1966, 111 p. (DNAL)
- AKADEMIA NAUK SSSR. Dal'nevostochnyi filial, Vladivostok. Biologo-pochvennyi institut. [Breeding and seed production of potatoes; control of degeneration] Selektatsiya i semenovodstvo kartofelia; bor'ba s vyrozhdeniem. Moskva, Nauka, 1966, 215 p. (DNAL)
- AKADEMIA NAUK SSSR. Dal'nevostochnyi filial, Vladivostok. Biologo-pochvennyi institut. [Virus diseases of potatoes] Virusnye bolezni kartofelia. Moskva, Nauka, 1966, 211 p. (DNAL)
- AKADEMIA NAUK SSSR. Institut lesa i drovesiny. [Forests of the U.S.S.R. in five volumes] Lesa SSSR v pliatonakh. Moskva, Nauka, Vol. 2. [Subzone of the southern taiga and mixed forests] Podzona tuzhnoi taigi i smeshannykh lesov. 1966, 470 p. (DNAL)
- AKADEMIA NAUK SSSR. Sibirskoe otdeleniye. Institut lesa i drovesiny. [Micro-organisms in the control of forest pests] Mikroorganizmy v bor'be s vreditelami lesnoy khoziaistva. Moskva, Nauka, 1966, 265 p. (DNAL)
- ALEKSEEVA, N.IU., and P.F. D'ACHENKO. [New data on the casein complex of milk] Novye dannye o kazelnovom komplekse moloka. Moskva, TsINTI Pishcheprom, 1965, 10 p.
- ALESKEROV, A.S. [Agricultural specialization in the western zone of Azerbaijan] Azerbaidzhan SSR-in gerb zonasy kend teserrufatynyn ikhtisashashdyrylmasy. Bakı, Azerbaidzhan SSR Elmier Akademiasy nashirlyaty, 1965, 114 p. [In Azerbaijanian] (DNAL)
- AMOZOV, A.F., A.I. VAKHRUSHEV, and A.N. NOVOZHILOV. [Tapping and turpentine in forests of the north-west] Podsochka i osmolopodsochka v lesakh Severozapada. Petrozavodsk, Karel'skoe knizhnoe izd-vo, 1965, 74 p. (DNAL)

- AYTEMICHEV, M.A. [Prescription manual on poultry diseases] Retsepturnyi spravochnik po boleznyam ptits. Moskva, Kolos, 1966. 151 p. (DNAL)
- BAZEGSKII, E.P. [Phosphorus fertilizers] Fosfornye udobreniia. Moskva, Rosset'khozizdat, 1965. 37 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 3) (DNAL)
- [BIBLIOGRAPHIC INDEX OF LITERATURE ON THE PROBLEMS OF HYDRAULIC ENGINEERING AND LAND IMPROVEMENT PUBLISHED IN THE U.S.S.R. IN 1960-1962] Bibliograficheskii ukazatel' literatury po voprosam gidrotekhniki i melioratsii izdannoi v SSSR v 1960-1962 gg. Moskva, Giprovdokhoz. No. 3. 1964. 170 p.
- CHERNIGOVSKAIA GOSUDARSTVENNAIA SEL'SKOKHOZIAISTVENNAIA OPYTNAIA STANTSIA. [Fifty years of the Chernigov (formerly Nosovka) agricultural experiment station] 50 let Chernigovskoi (byvshei Nosovskoi) sel'skokhoziaistvennoi opytnoi stantsii. Kiev, Gos. izd-vo sel'khoz. lit-ry Ukrainskoi SSR, 1963. 184 p. (ICRL)
- [CONCISE MANUAL ON THE LIMING OF ACID SOILS] Kratkiy spravochnik po izvestkovaniiu kisl'nykh pochv. Minsk, Urozhai, 1969. 215 p. (DNAL)
- [FERTILIZER AND CROPS] Udobreniia i urozhai. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1964. 168 p. (Peredovoi opyt v sel'skom khoziaistve Kubani) (CU)
- GOCHOLASHVILI, M.M., and SH.G. ZALDASTANISHVILI. [Biological bases for the cultivation of tea plants in Georgia] Biologicheskie osnovy kul'tury chainogo kusta v Gruzii. Tbilisi, "Tsodna", 1963. 238 p. (DNAL MICROFILM)
- GRAFSKII, M.G. [Vladimir orchards and farms] Vladimirske sady i fermy. Moskva, Kolos, 1966. 217 p. (DNAL)
- [A HUNTER'S BOOK] Kniga okhotnika. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1966. 275 p.
- IAKOVLEVA, V.V., and T.A. DANILOVA. [Trace element fertilizers] Mikroudobreniia. Moskva, Rosset'khozizdat, 1965. 45 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 5) (DNAL)
- KENTSIN, A.A. [Technology of the growing and procurement of reed; from practices in the Rumanian People's Republic] Tekhnologiya vyrashchivaniia i zagotovki trostnika; iz opyta Rumynskoi Narodnoi Respubliki. Alma-Ata, Kainar, 1965. 41 p. (DNAL)
- KOLOSKO, S.I. [Technology and organization of tapping] Tekhnologiya i organizatsiia podsochniki. Moskva, Lennai promyshlennost', 1966. 158 p. (DNAL)
- KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Kamchatskiy oblasti komitet. Ideologicheskii otdel. [Out to the sea] V more. Petropavlovsk-Kamchatski, Dal'nevostochnoe knizhnoe izd-vo, 1964. 182 p.
- KONDION, A.K. [Grapes; growing, processing, and storage in domestic conditions] Vinograd; vyrashchivanie, pererabotka, khranenie v domashnikh usloviakh. Alma-Ata, Kazakhskoe gos. izd-vo, 1964. 186 p. (CU)
- KONSTANTINOV, P.N. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1963. 696 p. illus., diagrs., facsim., tables. (RPB)
- KOREN'KOV, D.A. [Nitrogen fertilizers] Azotnye udobreniia. Moskva, Rosset'khozizdat, 1965. 56 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 1) (DNAL)
- KRIVOSHEEVA, L.S., I.U.S. POTOTSKAIA, and E.N. SHUBINA. [Flowering ornamental plants for landscaping populated places in Kirghizistan] Tsvetochno-dekorativnye rasteniia dlia ozeleneniia naselennykh punktov Kirgizii. Frunze, Akad. nauk Kirgizskoi SSR, 1966. 19 p. (DNAL)
- KRONITIS, J. [Management of Latvian forests] Latvijas mezu apsaimniekosana. Riga, Liesma, 1965. 115 p. [In Latvian] (DNAL)
- MAKSIMOV, D.S. [Cultivation practices for obtaining large crops of perennial grasses] Agrotehnika vysokikh urozhaev mnogoletnikh trav. Moskva, Rosset'khozizdat, 1966. 175 p. (DNAL)
- MAMAEV, K.A., A.M. MITROFANOV, and A.M. NIKIFOROV. [Fundamentals of agricultural chemistry and the use of poisonous chemicals] Osnovy agrokhimii i primeneniie iadokhimikatov. Moskva, Vysshiaia shkola, 1965. 104 p. (DNAL)
- MAMCHENKOV, I.P. [Organic fertilizers] Organicheskie udobreniia. Moskva, Rosset'khozizdat, 1965. 52 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 6) (DNAL)
- MEDVEDIEVA, V.T. [Provide high-quality feeds in animal husbandry] Tvarymystvu—vysokokakliski kormy. Kharkiv, Prapor, 1966. 44 p. (DNAL)
- MIGUTSKII, A.S. [Ways of reclaiming and increasing the productivity of Solonetz soils in Western Siberia] Puti osvoiniia i povysheniia plodorodlia solontsovykh pochv Zapadnoi Sibiri. Moskva, Kolos, 1966. 151 p. (DNAL)
- MINSK, BELARUSKI INSTYTUT MEKHANIZATSYI SEL'SKAI NASPADARKI. [Problems of improving the mechanization of agricultural production] Problemy uchisheniia mekhanizatsii sel'skokhoziaistvennogo proizvodstva; sbornik nauchnykh trudov. Minsk, Urozhai, 1963. 188 p. (DNAL)
- MOSCOW, VSESIOUZYNYI INSTITUT NAUCHNO-TEKHNI-CHESKOEI INFORMATSYI PO SEL'SKOMU KHOZIAISTVU. [Genetic bases of cattle breeding; a review of the foreign literature for the past decade] Geneticheskie osnovy razvedeniia krupnogo rogovogo skota; obzor inostranoi literatury poslednego desiatiletia. Moskva, 1965. 199 p. (Obzor inostranoi literatury, no. 4) (DNAL)
- MOSCOW, VSESIOUZYNYI INSTITUT NAUCHNO-TEKHNI-CHESKOEI INFORMATSYI PO SEL'SKOMU KHOZIAISTVU. [Soil erosion and its control; a review of the literature for 1950-1964] Eroziia pochv i mery bor'by s nei; obzor literatury za 1950-1964 g.g. Moskva, 1965. 148 p. (Obzor inostranoi literatury, no. 5) (DNAL)
- MURMANSKAIA GIDROMETEOROLOGICHESKAIA OBSERVATORIIA. [Agroclimatic manual for Murmansk Province] Agroklimaticheskii spravochnik po Murmanskoi oblasti. Leningrad, Gidrometeorizdat, 1961. 86 p. (DNAL)
- OGIEVSKII, V.V. [Forest plantations in Western Siberia] Lesnye kul'tury Zapadnoi Sibiri. Moskva, Nauka, 1966. 186 p. (DNAL)
- PCHELKIN, V.U. [Potassium fertilizers] Kalitnye udobreniia. Moskva, Rosset'khozizdat, 1965. 30 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 2) (DNAL)
- PERSOV, M.P. [Furniture beetle and measures for its control] Mebel'nyi tchit'shechik i mery bor'by s nim. Leningrad, Stroiizdat, 1966. 34 p. (DNAL)
- P'LIANYKH, M.M. [Efficiency of green and black fallows] Effektivnost' chist'nykh i zant'nykh parov. Moskva, Kolos, 1966. 104 p. (DNAL)
- PROKHOROV, M.I. [Microbiological method for controlling harmful rodents] Mikrobiologicheskii metod bor'by s vrednymi gryzunami. Izd. 2., perer. i dop. Leningrad, Kolos, 1966. 172 p. (DNAL)
- PUCHKOV, V.G. [Main leaf bugs parasitizing on field crops] Glavnye listovye stepenaki - vrediteli sel'skokhoziaistvennykh kul'tur. Kiev, Naukova dumka, 1966. 170 p. (DNAL)
- REZNICHENKO, A.G. [Orchard; the structure, development, and fruiting of plants] Plodovyi sad; struktura, razvitiie i plodonosienie rastenii. Moskva, Nauka, 1966. 224 p. (Nauchno-populiarnaiia seriya) (DNAL)
- RUNOV, B.A. [Electrification and mechanization of livestock farms in the U.S.A.] Elektrifikatsiia i mekhanizatsiia zhivotnovodcheskikh ferm v SSHA. Izd. 2., perer. i dop. Moskva, Kolos, 1966. 188 p. (DNAL)
- RUSSIA (1923- U.S.S.R.) Ministerstvo sel'skokhoziaistvennogo khoziaistva. [Research work of beekeepers for 1963-1963] Opytnaiia rabota pchelovodov za 1962-1963 g.g. [Moskva] Mosk. rabochii, 1964. 183 p. illus., tables. (CU)
- SAVICH, I.A. [Swine raising] Svinovodstvo. Izd. 2., perer. Moskva, Kolos, 1966. 358 p. (Biblioteka i uchebnye posobia dlia sel'skokhoziaistvennykh tekhnikumov) (DNAL)
- SENDRIAKOV, I.F., and B.A. GLAVATSKII. [Mechanization of the preparation and use of fertilizers] Mekhanizatsiia prigotovleniia i vneseeniia udobrenii. Moskva, Rosset'khozizdat, 1965. 83 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 11) (DNAL)
- SHEDEROV, S.G. [Liming of acid soils] Izvestkovanie kisl'nykh pochv. Moskva, Rosset'khozizdat, 1963. 46 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 4) (DNAL)
- SINIAGIN, I.I. [Compound fertilizers] Kombinirovannyye udobreniia. Moskva, Rosset'khozizdat, 1965. 22 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 7) (DNAL)
- SLOININ, A.D. [Physiology of thermoregulation and thermal adaptation of farm animals] Fiziologicheskaia regulatsiia i termicheskaia adaptatsiia sel'skokhoziaistvennykh zhivotnykh. Moskva, Nauka, 1966. 184 p. (DNAL)
- SOBOLEVSKII, I.U.A. [Stability of the abutment of drainage canals] Ustoichivost' otkosov meliorativnykh kolkov. Minsk, Urozhai, 1965. 211 p. (DNAL)
- STEPANIANTS, R.S. [Reception and quality of grapes; selection of grapes] Priem i opredeleniie kachestva i vybora grada. Moskva, Kolos, 1965. 158 p. illus., tables. (CU)
- TIURIN, I.V. [Problems of the genoph and fertility of soils] Voprosy genezii i plodorodlia pochv. Moskva, Nauka, 1966. 260 p.
- TSYNKOV, M.IU. [Organization of animal husbandry on farms] Organizatsiia zhivotnovodstva na fermakh. Moskva, Kolos, 1965. 367 p. (DNAL)
- USANOVA, V.M., and V.I. PERFILEVA. [Guide to forage plants in Yakutia; grasses, sedges, legumes] [Rukovodstvo] kormovykh rastenii Yakutii; Zlaki, krovovye, Bobovye. Moskva, Nauka, 1966. 115 p. (DNAL)
- VASIL'EV, P.V. [Treasures of the Soviet forests. Discussions on forestry] Sokrovishcha sovetskikh lesov; besedy o lesnom dele. Moskva, Lennai promyshlennost', 1966. 188 p. (DNAL)
- VOITOV, P. [Experiments in the use of ammoniacal liquor on farms in Moscow Province] Opyt primeneniia vodnogo ammiaka v khoziaistvakh Moskovskoi oblasti. [Moskva] Mosk. rabochii, 1965. 43 p. (DNAL)
- VSESIOUZYNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I. LENINA. [Problems of controlling leishmaniasis in cattle] Problemy bor'by s leishmaniozom krupnogo skota. Pod red. I.A. R. Kozlovskoi dr. Moskva, Kolos, 1965. 231 p. (DNAL)
- VSESIOUZYNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I. LENINA. [Problems of the chemicalization of animal husbandry; the use of biologically active preparations] Voprosy khimicheskoi zhivotnovodstva; primeneniie biologicheskii aktivnykh preparatov. Sbornik rabot. Moskva, Nauka, 1964. 289 p. (DNAL)

- VSESOIUZNIY SEMINAR PO METODIKE SELEKTSII I SEMENOVODSTVA OVOSHCHNYKH KULTUR, Leningrad. [Methodology of the breeding and seed production of vegetable crops; materials] Metodika selektsii i semenovodstva ovoshchnykh kultur; materialy. Pod obshchey red. D.D. Brezhneva. Leningrad, Kolos, 1964. 311 p. (DNAL)
- ZAGAEVSKII, I.S. [Salmonella infections of farm poultry] Salmonellozy sel'skokhoziastvennykh ptits. Moskva, Kolos, 1966. 110 p. (DNAL)
- ZAKHAROV, I.V. [30 centuries of winter crops per hectare] 30 tsesnturov ozimnykh s hektara. [Moskva] Mosk. rabochii, 1965. 53 p. (Ikh opyt dostupen vsem) (DNAL)
- ZASLAVSKI, M.N. [Soil erosion and farming on slopes] Eroziya pochv i zemledelie na sklonakh. Kishinev, Karita moldovenianke, 1966. 493 p. (DNAL)
- ## 16. TECHNOLOGY
- [ACADEMIC GENERALIZATION OF PROGRESSIVE PRACTICE] Nauchnoe obobshchenie peredovogo opyta. Moskva, Ekonomika, 1966. 108 p. (Ekonomicheskii eksperiment, peredovoi opyt)
- [ACHIEVEMENTS OF SCIENCE: Geodesy 1964] Iragi nauki: Geodeziya 1964. Moskva, Akad. nauk SSSR, 1966. 115 p. (Seriya: Geodeziya)
- AIZERMAN, M.A. [Theory of automatic control] Teoriya avtomaticheskogo regulirovaniya. Izd. 3., perer. i dop. Moskva, Nauka, 1966. 452 p.
- AKADEMIYA NAUK SSSR. Institut avtomatiki i telemekhaniki. [Technical cybernetics] Tekhnicheskaya kibernetika. Moskva, Nauka, 1965. 429 p. (CAOTU)
- AKADEMIYA NAUK SSSR. Institut biokhimi. [Biochemistry and the progressive technology of tea production] Biokhimiya i progressivnaya tekhnologiya chalnogo proizvodstva. Moskva, Nauka, 1966. 401 p.
- AKADEMIYA NAUK SSSR. Nauchnyi soviet po kompleksnoi probleme "Kibernetika." [Cybernetics and documentation; mechanization of the accumulation, storage, and location of scientific information] Kibernetika i dokumentatsiya; mekhanizatsiya protsessov nakopleniya, khraneniya i poliska nauchnoi informatsii. Moskva, Nauka, 1966. 175 p. (Seriya "Organizatsiya i upravleniye")
- AKADEMIYA NAUK SSSR. Sibirskoe otdeleniye. Energeticheskii Institut. [Use of mathematical modeling in the selection of the parameters of thermal power systems] Priimeneniye matematicheskogo modelirovaniya pri vybere parametrov teploenergeticheskikh ustanovok. Moskva, Nauka, 1966. 173 p.
- AKADEMIYA NAUK URSS. Kiev. [Hydrodynamics of hydraulic machinery] Gidrodinamika gidromashin. [Kiev] Naukova dumka, 1966. 118 p. (Respublikanskiy mezhdunarodnyy sbornik. Gidromekhanika)
- AKADEMIYA NAUK URSS. Kiev. [Modeling and automation of electrical systems] Modelirovaniye i avtomatizatsiya elektricheskikh sistem. [Kiev, Naukova dumka, 1966] 186 p. (Respublikanskiy mezhdunarodnyy sbornik; Problemy tekhnicheskoi elektrodinamiki)
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- AKADEMIYA NAUK BSSR. Minsk. Fiziko-tekhnicheskii Institut. [Metallography and the heat treatment of metals] Metallovedeniye i termicheskaya obrabotka metallor. Otv. red. E.G. Kononov. Minsk, Nauka i tekhnika, 1965. 222 p.
- AKSENOV, V.I., and others. [The K-125 and K-175 motorcycles and their modifications; working principles, operation and catalog of interchangeable parts] Mototsikly K-125, K-175 i ikh modifikatsii; ustroystvo, ekspluatatsiya i katalog vzaimozamenimykh detalei. Izd. 2., perer. i dop. Moskva, Mashinostroenie, 1966. 215 p.
- ALEKSHIN, S.A., and K.A. OSTROVSKAYA. [Automatic and remote control in oil fields] Avtomatizatsiya i telemekhanizatsiya promyslov. Moskva, Nedra, 1966. 78 p.
- ALEKSANDROV, L.I., N.P. ARTEMENKO, and L.M. FEL'DMAN. [Machine parts; a laboratory manual] Detali mashin; laboratornye raboty. Izd. 2., perer. i dop. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1966. 162 p. diagra. (insert)
- ALEKSEEV, M.V., and A.G. EPRAVNIKOVA. [Fire prevention in the production of plastics and synthetic fibers] Pozharnaya profilaktika pri proizvodstve plasticheskikh mass i khimicheskikh volokon. Pod red. M.V. Alekseeva. Moskva, Stroiizdat, 1966. 179 p.
- ALUKER, SH.M. [Electrical measurements] Elektricheskie izmereniya. Moskva, Kolos, 1966. 439 p. (Uchebniki i uchebnye posobia dlya vysshikh sel'skokhoziastvennykh uchebnykh zavedenii)
- ANIOVICH, V.I.A., and TU, T. VODOLAZHENKO. [Design and calculations of farm tractors; a manual] Konstruirovaniye i raschet sel'skokhoziastvennykh traktorov; spravochnoe posobie. Pod red. B.P. Kushuba. Moskva, Mashinostroenie, 1966. 520 p.
- APOKIN, I.A. [Technology of the manufacture of ferromagnetic films] Tekhnologiya izgotovleniya ferromagnitnykh plenek. Moskva, Energiya, 1966. 79 p. (Biblioteka po avtomatike, no. 178)
- APOLTSEV, IU.A. [Operation of synchronous compensators] Ekspluatatsiya sinkhronnykh kompensatorov. Moskva, Energiya, 1966. 80 p. (Biblioteka elektromontera, no. 195)
- ARTEMENKO, M.A. [Safety measures in the production of man-made fibers] Tekhnika bezopasnosti pri proizvodstve khimicheskikh volokon. Moskva, Khimika, 1966. 145 p.
- ATSUKOVSKII, V.A. [Capacitive displacement transducers] Emkostnye preobrazovately peremeshcheniya. Moskva, Energiya, 1966. 277 p.
- [AUTOMATION OF ORE-DRESSING PLANTS] Avtomatizatsiya obogatsitel'nykh fabrik. [By] B.D. Kosharskii i dr. Moskva, Nedra, 1966. 411 p.
- BAIKOV, A.V., and S.D. VYGODSKII. [Operation of motor vehicles] Ekspluatatsiya avtomobilov. Moskva, DOSAAF, 1966. 189 p.
- BAITSUR, A.I. [Large underground structures for metallurgy] Krupnougabarityye podzemnye sooruzheniya metallurgicheskoi promyshlennosti. Kiev, Budivelnik, 1964. 41 p.
- BARAN, P.I., G.N. KOZLOV, and I.P. SOVERSHENNYI. [Surveying and mapping underground engineering systems; a concise handbook] S'emka i kartografirovaniye podzemnykh inzhenernykh setei; kratkoe rukovodstvo. Kiev, Budivelnik, 1966. 94 p.
- BARIEV, N.V. [Electrical equipment of construction excavators] Elektrooborudovaniye stroitel'nykh ekskavatorov. Moskva, Energiya, 1966. 144 p. (Biblioteka elektromontera, no. 192)
- BARIEV, N.V. [Installation of a cable and the checking of its operational state] Montazh kabela i proverka ego ispravnosti. Moskva, Nedra, 1966. 122 p.
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- BARKAN, V.F., and V.K. ZHIDANOV. [Radio receivers] Radiopriemnye ustroystva. Izd. 3., perer. i dop. Moskva, Sovetskoe radio, 1966. 485 p.
- BARON, L.I., ed. [German-Russian technical dictionary. About 40,000 terms] Nemetsko-russkii tekhnicheskii slovar'. Okolo 40 000 terminov. Moskva, Sovetskaya Entsiklopediya, 1966. 725 p.
- BAZHENOV, S.N., and V.L. BENIN. [Automatic control in power systems] Avtomaticheskoe regulirovaniye v energosistemakh. Kiev, Tekhnika, 1966. 411 p.
- BELEVTSYEV, A.T. [Installation and regulation of radio equipment] Montazh i regulirovka radioapparaty. Moskva, Vysshaya shkola, 1966. 294 p.
- BELOUSOV, E.D., and others. [Polyester poured floors in public and industrial buildings; experience of the Main Division for Housing and Civilian Construction in the city of Moscow] Polifirnye natynnye poly v grazhdanskikh i promyshlennykh zdaniyakh; opyt Glavnoostroina. Moskva, Stroiizdat, 1965. 23 p. (Novosti stroitel'noi tekhniki SSSR)
- BERSUDSKII, V.E., V.N. KRYSIN, and S.I. LESNYKH. [Production of honeycomb structures] Proizvodstvo sotovykh konstrukttsii. Moskva, Mashinostroenie, 1966. 281 p.
- BIGEYEV, A.M. [Calculation of open-hearth smelting; technological part] Raschety martenovskikh splovok; tekhnologicheskaya chast'. [Moskva] Metallurgiya, 1966. 387 p.
- BIRUKOV, V.A., L.T. KIM, and E.Z. RAPOPORT. [V-2 multiplexing apparatus for rural telephone communication] Apparaturnaya uplotneniya V-2 dlia sel'skoi telefonnoi svyazi. Moskva, Svyaz', 1966. 56 p. (Novoe v tekhnike svyazi)
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- BOIARCHENKOV, M.A., and others. [Pulse-type controllers using contactless magnetic elements] Impul'snye regulatory na beskontaktnykh magnitnykh elementakh. Moskva, Energiya, 1966. 119 p. (Biblioteka po avtomatike, no. 186)
- BOIKO, O.A. [Adjustment of the commutation of d. c. machines] Nastadka kommutatsii mashin postoiannogo toka. Moskva, Energiya, 1966. 43 p. (Biblioteka elektromontera, no. 182)
- BOKSHCHANIN, IU.R., V.A. MISHIN, and P.P. SOSUNOV. [Preparing saw logs for sawing] Podgotovka pilovchnogo syr'ia k raspilovke. Moskva, Lesnaia promyshlennost', 1966. 75 p. (Nastoiichivo vnedriat' peredovoi opyt v proizvodstve)
- BONDAR', V.KH., and I.E. MASSEVER. [Welding in construction and assembly operations] Svarka na stroitel'no-montazhnykh rabotakh. Kiev, Budivelnik, 1966. 64 p. (Peredovoi opyt stroitel'stva)
- BONDIN, IU.N. [Safety manual for the raw-fiber welder] Pamiatka po tekhnike bezopasnosti dlia varshchika voloknistogo syr'ia. Moskva, Stroiizdat, 1966. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)
- BORISOV, M.I. [Organizing the fitting and lubrication of motor vehicles] Organizatsiya zapravki i mazaniya avtomobilov. Moskva, Transport, 1966. 229 p.
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- BUBLIKOV, E.V., and others. [Handbook for the operator of a hoisting machine in mine building] Spravochnik mashinista pod'emnoi mashiny na stroitel'stve shakht. Moskva, Nedra, 1965. 181 p.
- BULYGA, A.V. [Semiconductor thermoelectric vacuum meters] Potupravadnikovyye teploelektricheskie vakuummetry. Moskva, Energiya, 1966. 151 p. (Biblioteka po avtomatike, no. 177)
- BURGACHEV, S.A. [Electric power plants, substations and systems] Elektricheskie stantsii, podstantsii i sistemy. Izd. 2., perer. i dop. Moskva, Kolos, 1966. 687 p. (Uchebniki i uchebnye posobia dlya vysshikh sel'skokhoziastvennykh uchebnykh zavedenii)
- BURKOV, IU.P., and V.M. PITTSYN. [Thermal processing of granite] Termicheskaya obrabotka granita. Kiev, Budivelnik, 1966. 36 p. (Peredovoi opyt stroitel'stva)
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- [CASTING THIN-WALLED STRUCTURES] Lit'e tonkostennyykh konstrukttsii. [By] IU.A. Stepanov i dr. Pod red. G.F. Balandina. Moskva, Mashinostroenie, 1966. 254 p.
- CHAGUNAVA, V.T. [Research on the use of manganese contact materials in the chemical industry] Issledovaniya po primeneniyu margantsyevykh kontaktov v khimicheskoi promyshlennosti. Tbilisi, Metallercha, 1965. 138 p.
- CHAPOVSKI, E.G. [Laboratory studies in pedology and soil mechanics] Laboratornye raboty po gruntovedeniyu i mekhanike gruntov. Izd. 3., ispr. i dop. Moskva, Nedra, 1966. 303 p.

- CHEBOTAREVA, I. I., I. D. SHCHERBINA, and E. A. KUZNETSOV. [Reliability of potentiometer pickups and their technological guarantee] Nadezhnost' potentsiometricheskikh datchikov i ee tekhnologicheskoe obespechenie. Moskva, Mashinostroenie, 1966. 113 p.
- CHEFRANOV, I. V. [Production of glutamic acid and sodium glutamate in sugar factories] Proizvodstvo glutaminovoi kisloty i glutaminata natriia na sakhar-nykh zavodakh. Moskva, TsINTIPishcheprom, 1965. 64 p.
- CHERNORECHENSKI KHIMICHESKII ZAVOD, Dzerzhinsk. [Chernorech's Chemical Plant is 50 years old] Chernorechskii khimicheskii... (50 let). [Gor'kii] Voiko-Vlaskoe knizhnoe izd-vo, 1965. 309 p.
- CHERNYKH, E. N. [History of the earliest metallurgy in Eastern Europe] Istoriia drevneishet metallurgii Vostochnoi Evropy. Moskva, Nauka, 1966. 141 p.
- CHERNYSHEV, V. N., A. G. SHERMET'EV, and V. V. KOBZEV. [Lasers in communication systems] Lazery v sistemakh svyazi. [Moskva] Svyaz', 1966. 319 p.
- [CONSTITUTIONAL DIAGRAMS OF METAL SYSTEMS PUBLISHED IN 1963 (no. 9)] Diagrammy sostoiat na metallicheskh sistem, opublikovanyye v 1963 godu (vypusk 9) [By] L. P. Granikova, R. S. Mints i L. A. Petrova. pPod red. N. V. Ageeva. Moskva, Proizvodstvenno-izdatel'skii kombinat VINTI, 1966. 277 p.
- DEMICHEV, G. M. [Storing and packing facilities] Skladskoe i tarnoe khozlaistvo. Moskva, Vysshaya shkola, 1966. 214 p.
- DERBASOV, N. M. [Increasing the reliability and durability of machinery] Povyshenie nadezhnosti i dolgozhestnosti mashin. Moskva, Nedra, 1966. 166 p.
- [DESIGN AND MANUFACTURE OF MACHINERY] Proektirovanie i proizvodstvo mashin; sbornik trudov. Riga, Zvaigzne, 1965. 562 p.
- DOBROSLAVSKII, L. I., and others. [Overall mechanization of production in the heavy machinery industry] Kompleksnaia mekhanizatsiia proizvodstva v tiazhe-lyom mashinostroenii. Pod obshch. red. M. G. Um-niatgina. Moskva, Mashinostroenie, 1966. 242 p.
- DOGADOV, V. S., and B. D. SADIYEV. [Purifying the water used for conveying and washing at sugar plants] Ochlata transporterno-mochnykh vod na sakhar-nykh zavodakh. Moskva, TsINTIPishcheprom, 1965. 33 p.
- DOGANOVSKI, S. A., and V. A. IVANOV. [Time-delay devices and their use in automatic control systems] Ustroistva zapazdyvaniia i ikh primenenie v avtomati-cheskikh sistemakh. Moskva, Mashinostroenie, 1966. 279 p.
- DONSKOI, A. V., and V. V. VOLODIN. [Improvement of the characteristics of high-frequency electrothermal systems] Uлучshenie kharakteristik vysokochastotnykh elektotermicheskikh ustanovok. Moskva, Energiia, 1966. 134 p. (Biblioteka elektotermista, no. 26)
- DROBNIS, V. F., and S. E. GEFTER. [Technology and operation of the anode of an aluminum electrolytic cell with current supply from the top] Tekhnologiya i obsluzhivanie anoda aluminievogo elektrolizera s verkhnim tokopodvodom. Moskva, Metallurgiya, 1966. 96 p.
- EDUARDOV, M. S., and M. M. EFROS. [Metal heating in open-flame and electric furnaces] Nagrev metalla v planennykh pechakh i elektronagrevatel'nykh ustanov-kakh. Pod obshch. red. P. V. Kamneva. Moskva, Mashgiz, 1958. 67 p.
- EFREMOV, I. S., and G. V. KOSAREV. [Electrical equip-ment and automatic control of the rolling stock of urban transportation] Elektricheskoe oborudovanie i avtomatizatsiia podvijnogo sostava gorodskogo transporta. Moskva, Stroiizdat, 1965. 335 p.
- EIL'MAN, L. S., V. I. KOROLEV, and V. M. TESARSKII. [Conducting materials for cables and wires] Provod-nikove materialy dlia kabelei i provodov. Moskva, Energiia, 1966. 176 p.
- [EQUIPMENT FOR MEASUREMENTS IN LONG-DISTANCE COMMUNICATION SYSTEMS] Apparatura dlia izme-renii v dal'nei svyazi; informatsionnyi sbornik. Mo-skva, Svyaz', 1966. 166 p. (Tekhnika svyazi)
- ESTERKIN, R. I. [Operation of boiler units on gaseous fuel] Eksploatatsiia kotloagregatov na gazobraznom toplivo. Izd. 2., perer. i dop. Leningrad, Nedra, 1966. 196 p. (Biblioteka mastera gazovogo khozlaist-sva)
- FAINSHTAIN, S. M. [Preparation of the surfaces of semi-conductor devices] Obrabotka poverkhnosti poluprovod-nikovykh priborov. Moskva, Energiia, 1966. 255 p.
- FARBMAN, S. A., and A. I. BUN. [Repair and moderniz-ation of transformers] Remont i modernizatsiia transformatorov. Izd. 2., dop. Moskva, Energiia, 1966. 623 p. (Transformatory, no. 16)
- FAVORSKII, V. E. [Cold extrusion] Kholodnnaia shtampov-ka vydavlivaniem. Izd. 2., perer. i dop. Moskva, Ma-shinostroenie, 1966. 159 p.
- FAVSTOVA, V. N. [Production of instant dry milk] Proizvodstvo bystrorastvorimogo sukhogo moloka. Moskva, TsINTIPishcheprom, 1965. 35 p.
- FEDOROVA, Z. M., R. N. KHAZHIKOV, and V. M. KACHEROVSKI. [Mine hoisting installations] Rudnichnye pod'emnye ustanovki. Moskva, Nedra, 1966. 307 p.
- FENIN, N. K., V. I. GROMOV, and V. G. JASINETSII. [Plan-ning hydraulic engineering operations in drainage and irrigation constructions] Proektirovanie proizvodstva gidromeliorativnykh rabot. Moskva, Kolos, 1966. 270 p. (Uchebniki i uchebnye posobia dlia sel'skokhoziaistven-nykh vuzov)
- FLAKSERMAN, I. U. N. [Development of thermal power engineering in the U.S.S.R.] Razvitiie teploenergetiki SSSR. Moskva, Energiia, 1966. 198 p.
- FOMIN, S. F. [Working principles and adjustment of turret lathes] Ustroistvo i naladka tokarno-revol'-vernnykh stankov. Izd. 2., perer. Moskva, Mashino-stroenie, 1966. 241 p.
- FOMIN, V. V. [Hydraulic erosion of metals] Gidro-eroziia metallov. Moskva, Mashinostroenie, 1966. 290 p.
- FRAIFEL'D, S. E., ed. [Dynamics and strength of struc-tures] Dinamika i prochnost' sooruzhenii. Kiev, Bu-divel'nyk, 1965. 140 p.
- FROLOV, A. D. [Couplings in radio equipment compo-nent structures; mechanical couplings] Soedineniia v konstruktsiakh radiotekhnicheskikh izdelii; mekha-nicheskie soedineniia. Moskva, Energiia, 1966. 455 p.
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- GANCHEV, I. A., P. A. ANATOL'EVSKII, and O. M. SINE-ROV. [Boring operations in construction] Proizvod-stvo burovnykh rabot v stroitel'stve. Pod obshch. red. N. A. Plotnikova. Moskva, Stroiizdat, 1966. 330 p.
- GAZARIAN, G. S. [Problems of labor safety organiza-tion in round-trip operations in oil and gas well drilling] Voprosy bezopasnoi organizatsii truda pri spusko-pod'emnykh operatsiakh v burenii nefita-nykh i gazovykh skvazhin. Moskva, Nedra, 1965. 38 p.
- GEISHTOR, V. S. [Productivity losses of automatic ma-chines in the baking industry and methods for their determination] Poteri proizvoditel'stva mashin-avio-matov v khlebopekarnoi promyshlennosti i metody ikh opredeleniia. Moskva, TsINTIPishcheprom, 1965. 13 p.
- GEL'FAND, I. A. S., M. L. GOLUBEV, and M. I. TSAREV. [A. C. operational relay protection and electric and automatic control] Releimnaia zashchita i elektro-avtomatika na peremennom operativnom toke. Pod obshch. red. M. I. Tsareva. Moskva, Energiia, 1966. 287 p.
- GEL'MAN, R. E. [Magnetic starters] Magnitnye puskateli. Moskva, Energiia, 1966. 63 p. (Biblioteka elektromontera, no. 194. Spravochnaia seriia)
- GEVORKIAN, A. M., and others. [Technology of build-ing airplane engines; manual on a diploma project] Tekhnologiya aviadvigatel'stroeniia; uchebnoe posobie po diplomnomu proektirovaniu. Moskva, Mashino-stroenie, 1966. 174 p.
- GIBSHMAN, M. E. [Theory and calculation of prestressed reinforced-concrete bridges considering protracted deformations] Teoriia i raschet predvaritel'no napria-zhennykh zhelezobetonnykh mostov s uchedom dlitel'-nykh deformatsii. Moskva, Transport, 1966. 335 p.
- GLAZER, S. I. [Calculation of the reinforced concrete supports of one-story industrial buildings] Raschet zhelezobetonnykh stoev odnoetazhnykh promyshlen-nykh zdani. Kiev, Budivel'nyk, 1966. 189 p.
- GLUSHKO, M. F. [Steel hoisting ropes] Stal'nye pod'emnye kanaty. Kiev, Tekhnika, 1966. 327 p.
- GOLGER, L. I. [Mechanization and airtightness control of technological fermentation processes] Mekhanizatsiia i germotizatsiia tekhnologicheskikh protsessov fermentnogo proizvodstva. Moskva, TsINTIPishche-prom, 1966. 50 p.
- GONCHAROV, G. I. [Composition and reading of drawings in machinery manufacture] Sostavlenie i chitatie chertezhei v mashinostroenii. Izd. 3., perer. i dop. Moskva, Mashinostroenie, 1966. 211 p.
- GONCHAROV, V. M., and L. G. MURZIN. [Fuel, lubri-cant, water] Toplivo, smazka, voda. Izd. 3., perer. i dop. Moskva, Transport, 1966. 175 p.
- GORDIN, RUFIN. [Living alloy] Zhiivoi splav. Kishinev, Karla Moldovenaske, 1966. 144 p.
- GORSKII, A. I., GELIER, R. L., and L. F. LOKUMO-VICH. [Design of machines used in founding] Raschet mashin litelnogo proizvodstva. Moskva, Mashinostroenie, 1966. 403 p.
- GRATSIANSKII, V. N., and F. G. DEGTIAREV. [Recent develop-ments in the refrigeration machinery of dairy enterprises] Novoe v kholodil'nom khoziaistvo mo-lochnykh predpriatii. Izd. 2., perer. i dop. Mo-skva, Pishchevaia promyshlennost', 1965. 49 p. (Lek-tsiia dlia zuchnogo obucheniia)
- GRIGOR'EV, I. U. E. [Construction and erection of elec-tric power transmission lines] Stroitel'stvo i montazh linii elektropereдача. Moskva, Energiia, 1966. 183 p.
- GRIGULEVICH, V. I., and I. A. IMMOREEV. [Radio pulse frequency conversion] Radionapul'snoe preobrazovanie chastoty. Moskva, Sovetskoe radio, 1966. 334 p.
- GRODNIK, M. G., and A. I. A. VELICHANSKII. [Design and operation of carbonic acid plants] Proektirovanie i eksploatatsiia uglekislotykh ustanovok. Moskva, Pishchevaia promyshlennost', 1966. 272 p.
- GUREVICH, G. I. [Field training in safety procedures in electric equipment installation] Instruktazh po tekhnike bezopasnosti na rabochem meste elektromontazhnik Moskva, Energiia, 1966. 66 p. (Biblioteka elektromon-tera, no. 185)
- GUROV, A. F. [Stress analysis and vibrations in rocket engines] Raschet na prochnost' i kolebaniia v raketnykh dvigatel'nykh. Moskva, Mashinostroenie, 1966. 455 p.
- HERASYMOV, S. M., and L. Z. KRYKSUNOV. [Optical quantum generators] Opticheski kvantovi generatory. Kyiv, Tekhnika, 1965. 178 p.
- IAKUB, N. I. [Job training of the electricians of munic-ipal telephone exchanges] Proizvodstvennoe obuchenie montirov gorodskikh telefonnykh stantsii; metodiche-skoe posobie. Moskva, Vysshaya shkola, 1966. 107 p.
- IDZON, M. F., ed. [Manufacture of gas turbine engines; handbook] Proizvodstvo gazoturbinskiykh dvigatelei; spravochnoe posobie. [By] A. M. Abramov i dr. Moskva, Mashinostroenie, 1966. 472 p.
- IL'INSKII, N. F. [Calculation and selection of resist-ances for electric motors] Raschet i vybor soprotivl-enii dlia elektrodvigatelei. Izd. 2., perer. i dop. Mo-skva, Energiia, 1966. 70 p. (Biblioteka elektro-montera, no. 188)

- INOZEMTSEV, V.G. [Heat calculations in the design and operation of brakes] Teplovye raschety pri proektirovani i eksploatatsii tormozov. Moskva, Transport, 1966. 38 p.
- [INTEGRATED METHOD SHOULD BE USED BY ALL BUILDERS] Kompleksnyi metod - vseni stoitel'm. Ufa, Bashkirskoe knizhnoe izd-vo, 1964. 94 p.
- [INTENSIFICATION OF STRIP MINING OPERATIONS] Intensifikatsiya gornykh rabot v kar'erakh. [By] A.I. Arsen'ev i dr. [Moskva, Nedra, 1965] 276 p.
- IUDIN, M.I., N.A. TROSHCHENKOV, and I.N. AVRAMENKO. [Roll method for the production of cold-rolled sheets] Rolovnyy sposob proizvodstva kholodnokatanykh listov. Moskva, Metallurgiya, 1966. 149 p.
- IUMADILOV, A.IU. [Practice in using mobile derricks and masts] Praktika primeneniya perezvyeznykh vyshok i masts. Moskva, Nedra, 1966. 59 p. (Obmen proizvodstvennykh opytom)
- IUROV, G.V., and A.I. FEL'DMAN. [Automation of the counting of containers and manufactured items in enterprises of the beer and nonalcoholic beverage industry] Avtomatizatsiya ucheta tary i potovoi produktov na predpriyatiakh pivno-bezalkogol'noi promyshlennosti. Moskva, TsINTIPlisheprom, 1965. 27 p.
- IVANCHENKO, G.E. [Principles of the theory for the design of automatic control systems for mine hoisting machines] Osnovy teorii rascheta sistem avtomaticheskogo upravleniya rudnichnykh pod'emnymi mashinami. Moskva, Nedra, 1966. 354 p.
- IYANOV, K.I. [Selection of design diagrams for determining the optimal dimensions of coal support pillars; research paper] Vybore raschetnykh skhem dlia opredeleniia optimal'nykh razmerov opornykh upol'nykh tsel'kov; nauchnyi doklad. Moskva, In-t gornogo dela im. A.A. Skochinskogo, 1965. 32 p.
- IYANOV, S.N. [Modern designs of high-speed automatic sheet-stamping presses; survey] Sovremennye konstruktivnye bystrokhodnykh stantsionnykh press-avtomatov; obzor. Riga, Latvieskii respubl. in-t nauchno-tekhn. informatsii i propagandy, 1965. 32 p.
- IYANOV, V.F. [Wooden and plastic elements] Konstruktsii iz drevi i plastmass. Leningrad, Stroizdat, 1966. 352 p.
- IYEV, N.G. [Safety manual on roofing] Pamiatka po tekhnike bezopasnosti pri rabote na kryshe. Moskva, Stroizdat, 1966. 27 p. (Tekhnika bezopasnosti v kommunal'nom khoziaistve)
- KAGANER, M.G. [Heat insulation in low temperature equipment] Teplovaia izoliatsiia v tekhnike nizkikh temperatur. Moskva, Mashinostroenie, 1966. 274 p.
- KAMALIUTDINOVA, M.KI. [Surface finish of lumber by a frame saw] Chislota povorkhnosti pilomaterialov ramnoi raspilovki. Moskva, Lesnaia promyshlennost', 1966. 57 p.
- KAN, S.N. [Structural mechanics of shells] Stroitel'naya mekhanika obolochek. Moskva, Mashinostroenie, 1966. 507 p.
- KARIMOV, Z.F., and V.I. CHERNIKHIN. [Use of mechanical separators in the transportation of petroleum, petroleum products, and liquefied gases] Primeneniye mekhanicheskikh razdelitelei pri transporte nefli, nefteproduktov i szhizhennykh gazov. Moskva, Nedra, 1966. 95 p.
- KARNAUKHOV, N.M. [Technology of the retreatment of collective concentrates by means of electric separation] Tekhnologiya dovodki kollektivnykh kontsentratsii s pomoshch'iu elektricheskoi separatsii. Moskva, Nedra, 1966. 105 p.
- KARPENKO, A.V. [In key positions; the party organization in the fight for technological progress] Na kluchevykh pozitsiakh; partiorganizatsiia v bor'bu za tekhnicheskii progress. [Kursk] Kurskoe knizhnoe izd-vo, 1963. 35 p. (CS-H)
- KARPENKO, G.V., and others. [Steel hardening by mechanical methods] Upricheniye stali mekhanicheskoi obrabotkoi. Pod red. G.V. Karpenko. Kiev, Naukova dumka, 1966. 201 p.
- KARTASHEV, G.I., and L.G. TELEGIN. [Organizational and technical preparation of the construction of pipeline structures] Organizatsionno-tekhnicheskaya podgotovka stroitel'stva lineinnoi chasti magistral'nykh truboprovodov. Moskva, Nedra, 1966. 51 p.
- KASPERSKAYA, E.I., ed. [Food industry] Pishchevaia promyshlennost'. Kiev, Tekhnika, 1965. 2 v. (Mezhvedomstvennyi respublikanskiy nauchno-tekhnicheskii sbornik) (MIU)
- KAZANTSEV, A.P. [Stages of the future] Stupeni gradushchego. 2, dop. izd. Moskva, Gos. izd-vo poit. lit-ry, 1963. 111 p. (NN)
- KAZINIK, M.L., and N.A. SAFROSHIN. [Fundamentals of television] Osnovy televideniia. Moskva, Vysshaya shkola, 1966. 183 p.
- KHAR'KOVSKII INSTITUT GORNOGO MASHINOSTROENIA, AVTOMATIKI I VYCHISLITEL'NOI TEKHNIKI. [Problems of safety techniques in the mining industry] Voprosy tekhniki bezopasnosti v gornoj promyshlennosti. Moskva, Nedra, 1965. 167 p.
- KHYZIHNIAK, ANTON. [The unique Kiev Hydroelectric Power Station; a sketch] Kyivs'ka unikal'na; narys. Kyiv, Radians'kyi pys'mennyk, 1962. 34 p. (CaOTU)
- KIRILLOV, A.F., and M.S. SOKOLOVSKII. [Mechanical and architectural drawing] Chertenie i risovanie. Moskva, Vysshaya shkola, 1966. 330 p.
- KISELEV, A.A. [Protecting devices for slush pump manometers] Predokhraniteli k manometram burovykh nasosov. Moskva, Nedra, 1966. 16 p.
- KITAEV, E.V., and M.F. GREVTSEV. [Course in general electrical engineering] Kurs obshchego elektrotekhniki. Izd. 6., perer. i dop. Moskva, Vysshaya shkola, 1966. 558 p.
- KITUNOVICH, F.G. [General and specialized electrical engineering] Obshchaya i spetsial'naya elektrotekhnika. Minsk, Vysshaya shkola, 1966. 234 p.
- KLEPIKOV, S.N. [Calculating frameless large-panel buildings for uneven settlement of the foundation beds] Raschet beskrasnykh krupnopanel'nykh zdani na neravnomernye osadki osnovanii. Kiev, Budiveln'nyk, 1966. 96 p.
- KLUJEV, N.I. [Informational principles of data transmission] Informatsionnye osnovy peredachi soobshchenii. Moskva, Sovetskoe radio, 1966. 359 p.
- KLOPOTOV, K.K. [The tomorrow of municipal services] Zavtra kommunalnogo khoziaistva. Moskva, Stroizdat, 1966. 91 p. (Nauchno-popul'narnaya seriia)
- KNIGINA, G.I. [Building materials made of burned rocks] Stroitel'nye materialy iz gorelykh porod. Moskva, Stroizdat, 1966. 206 p.
- KOCINEV, F.P. [Passenger traffic on railroads] Passazhirskie perovozki na zheleznykh dorogakh. Izd. 4., perer. i dop. Moskva, Transport, 1966. 350 p.
- KOILOV, V.G. [Determining the parameters of concrete pillars capable of resisting the effect of hole blasting; design methods] Opredeleniye parametrov betonnykh tsel'kov, sposobnykh protivostoiat' vozdeystviu vzyvov skvazhin; metodika rascheta. Moskva, Institut gornogo dela im. A.A. Skochinskogo, 1965. 11 p.
- KOKHAN, N.D. [Organization and planning of electric equipment installation operations in the construction of 110-500 kv. thermal electric power plants and substations] Organizatsiia i planirovaniye elektromontaznykh rabot na stroitel'stve teplovykh elektrostantsii i podstantsii 110-500 kv. Moskva, Energiia, 1966. 209 p.
- KOLACHEV, B.A. [Hydrogen brittleness of nonferrous metals] Vodorodnaya khrupkost' tsvetnykh metallov. Moskva, Metallurgiya, 1966. 255 p.
- KOLOSOV, M.A. [Attention—long distance reception!] Vnimanie—dali priemi! Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauke, tekhnike. XIV Seriya: Radioelektronika i svyaz', no. 8)
- KOMOLOV, M.M., and D.P. KHLUTKOV. [Improving the organization of industrial construction] Sovershenstvovanie organizatsii promyshlennogo stroitel'stva. [Leningrad] Lenizdat, 1966. 160 p.
- KONKIN, A.A., and M.P. ZVEREV. [Polyolefin fibers] Poliolefinovye volokna. Moskva, Khimika, 1966. 278 p.
- KOROTICH, V.I. [Theoretical principles of nodulizing iron ore materials] Teoreticheskie osnovy okomkovaniia zhelezorudnykh materialov. [Moskva] Metallurgiya, 1966. 150 p.
- KORSHUNOV, E.S., and S.G. EDIGAROV. [Losses of petroleum products, and gases and means for reducing them] Poteri nefli, nefteproduktov i gazov i меры ikh sokrashcheniia. Moskva, Nedra, 1966. 118 p.
- KOSHELEV, I.U.D., and L.R. JAVICH. [Artificial satellites and radio communication] Iskusstvennye sputniki i radiosv'yaz'. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. XIV Seriya: Radioelektronika i svyaz', no. 1)
- KOVALEVSKII, I.I. [Furnace-building operations] Pechnye raboty. Izd. 5. Moskva, Vysshaya shkola, 1966. 239 p. diagra. (insert)
- KOZHEVNIKOV, S.N., ed. [Dynamics of machinery] Dinamika mashin; sbornik statei. Moskva, Mashinostroenie, 1966. 506 p.
- KOZULIN, N.A., V.N. SOKOLOV, and A.IA. SHAPIRO. [Examples and problems in a course on the equipping of chemical plants] Primery i zadachi po kursu oborudovaniia zavodov khimicheskoi promyshlennosti. Pod obshch. red. N.A. Kozulina. Moskva, Mashinostroenie, 1966. 401 p.
- KRAITSBERG, M.I. [Electric drive with autonomous power supply] Elektricheskoe pri avtonomnoi istochnike energii. Moskva, Energiia, 1966. 223 p.
- KRAVCHENKO, I.I., and N.G. IMANAEV. [Combating the flooding of wells] Bor'ba s obvodneniem skvazhin. Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 63 p.
- KRAVCHENKO, S.F. [Recent developments in the technology of the production of starch products; separator station for the production of cornstarch] Novoe v tekhnologii proizvodstva krakmaloproduktov; separatornaya stantsiia proizvodstva kukuruznogo krakhmala. Moskva, TsINTIPlisheprom, 1965. 50 p.
- KROTOV, V.R. [Building materials] Stroitel'nye materialy. Moskva, Lesnaia promyshlennost', 1966. 220 p.
- KRUG, E.K., T.M. ALEKSANDRID, and S.N. DILIGENSKI. [Digital controllers] TSifrovyye regulatory. Moskva, Energiia, 1966. 503 p.
- KULESHOVA, V.D. [Production of whole milk products] Proizvodstvo tsel'nomolochnoi produktov. Moskva, Pishchevaia promyshlennost', 1966. 117 p.
- KULIKOV, I.G. [Safety engineering and fire prevention in plants of the rubber industry] Tekhnika bezopasnosti i protivopozharnaya tekhnika na zavodakh rezinovoi promyshlennosti. Moskva, Khimika, 1966. 210 p.
- KULIKOV, I.S. [Thermal dissociation of compounds] Termicheskaya disotsiatsiia soedinenii. [Moskva] Metallurgiya, 1966. 250 p.
- KURBATOV, N.V., and E.B. IANOVSKII. [Handbook on magnetic tape recorders] Spravochnik po magnitofonom. Izd. 2., ispr. i dop. Moskva, Energiia, 1966. 110 p. (Massovaya radiobiblioteka, no. 606)
- KUZNETSOV, A.I. [Repair of the parts of road machinery; fundamentals of the multiple method of part repair] Remont detalей dorozhnykh mashin; osnovy gruppovogo metoda remonta detalей. Moskva, Transport, 1966. 133 p.
- KUZNETSOV, E.S., and V.A. SOROKIN. [Studying the performance of assembly lines for the servicing of motor vehicles] Issledovanie raboty potochnykh lini tekhnicheskogo obsluzhivaniia avtomobilei. Moskva, Transport, 1966. 81 p.
- KUZNETSOV, I.U.I. [Machine-tool attachments with hydraulic drives; design and construction] Stanchiye prisoobleniia s gidravlicheskimi privodami; konstruirovaniye i raschet. Moskva, Mashinostroenie, 1966. 155 p.
- KUZNETSOV, M.I. [Safety manual for workers of hydraulic dredges (towed and self-propelled)] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh na gidromekhanicheskikh snaradakh (privyuchiki i naavtichody) Moskva, Transport, 1965. 48 p.
- KUZNETSOV, N.V. [Simplified calculation of reinforced concrete beams and slabs for flexure and lateral force action] Uproshchennyi raschet zhelezobetonnykh balk i plit na progib i deystvie poperechnykh sil. Kiev, Budiveln'nyk, 1966. 70 p.

- KUZNETSOV, V. A. [Production of sulfate pulp for the manufacture of extremely strong cord fiber] Proizvodstvo sulfatnoi tsellulozy dlia vyrobki sverkh-prochnogo kordnogo volokna. Moskva, Tsentr. nauchno-issl. i informatsii i tekhniko-ekon. issledovaniy po lesnoi, tsellulozno-bumazhnoi, derevo-obrabatvalushchei promyshli. i lesnomu khoz., 1965. 17 p. (Bumaga i tselluloza)
- LAMIN, G. I., and V. D. KOKIN. [D-543 loader with hydraulic control; practices of the Bryansk Road Machinery Plant] Pogruzhchik D-543 s gidravlicheskim upravleniem; opyt Bryanskogo zavoda dorozhnykh mashin. Moskva, Izd-vo lit-ry po stroit., 1965. 32 p.
- LATYSHOVA, M. G. [Practical manual on the interpretation of the diagrams of geophysical methods for the study of oil and gas wells] Prakticheskoe rukovodstvo po interpretatsii diagramm geofizicheskikh metodov issledovaniya neflianykh i gazovykh skvazhin. Pod red. D. I. D'akovna. Moskva, Nedra, 1966. 170 p. (folded diagrs. (insert))
- LAVRIK, V. V. [Route-relaying interlocking system of subways] Marshrutno-releinaia tsentralizatsiia metropolitena. Moskva, Stroizdat, 1966. 165 p.
- LAZAREVA, S. E., and others. [Flax spinning with boiling of the roving] Priadenie Pna s varoi rovnitay. Moskva, Legkaya industriia, 1966. 124 p.
- [LEATHER FOOTWEAR, BASIC AND AUXILIARY MATERIALS AND SUPPLIES] Obuv' kozhannaia, osnovnye i vspomogatelnye materialy i furnitura. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1966. 650 p. 2 inserts (SSSR. Gosudarstvennye standarty)
- LEMBERG, M. D. [Relay devices of pneumatic control] Releinye ustroystva pnevmavtomatiki. Moskva, Energila, 1966. 127 p. (Biblioteka po avtomatike, no. 173)
- LIAMIN, A. A., and A. A. SKVORTSOV. [Calculation and design of heating networks] Proektirovanie i raschet konstruktivnykh teplovykh setei. Izd. 2., perer. i dop. Moskva, Stroizdat, 1965. 295 p.
- LIBMAN, A. Z. [Arrangement and operation of the electrical equipment of railway mail cars] Ustroystvo i ekspluatatsiia elektrobudovaniia pochtovykh vagonov. Moskva, Svyaz', 1966. 110 p.
- LITINSKII, S. A. [Automatic driving of automotive vehicles; motor-vehicle pilots] Avtomatizatsiia vozhdeniia samokhodnykh mashin; avtomatizatsiia, Moskva, Energila, 1966. 142 p. (Biblioteka po avtomatike, no. 166)
- LIVSHITS, B. S., and G. L. GRICOREV. [Principles of telephony and telephone stations of rural and long-distance telephone exchanges] Osnovy telefonii i telefonnyye stantsii sel'skoi i mezhdugorodnoi svyazi. [Moskva] Svyaz', 1966. 486 p.
- LIVSHITS, P. S. [Operation of electrical machinery brushes in metallurgical plants] Ekspluatatsiia elektroschetok v metallurgicheskoi promyshlennosti. [Moskva] Metallurgiya, 1966. 197 p.
- LOMANOVICH, V. A. [Handbook on radio components; resistors and condensers] Spravochnik po radio-detaлям; soprotivleniya i kondensatory. Moskva, DOSAAF, 1965. 61 p.
- LUGININ, N. G. [Technology of the repair of diesel locomotives] Tekhnologiya remonta teplovozov. Izd. 2., perer. Moskva, Transport, 1966. 262 p.
- LYSENKO, I. Z. [Principles of mining high-mountain deposits] Printsipy razrabotki vysokogornnykh mestorozhdenii. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 395 p.
- [MAJOR CONSTRUCTION OF HEALTH RESORT INSTITUTIONS] Kapital'noe stroitel'stvo kurortnykh uchrezhdenii. [By] G. M. Vinogradov i dr. [Moskva] Profizdat, 1965. 478 p.
- MAKAROV, L. S., and I. Z. URETSKII. [Casting of the rotors of large electrical motors] Zallivka rotorov elektrodvigatelei bol'shikh gabaritov. Moskva, Energila, 1966. 128 p.
- MAKHINACH, A. S., ed. [Lithology and geochemistry of Devonian sediments in the Pripiet fault in connection with their oil potential] Litologiya i geokhimiia devonskikh otlozhenii Pripiet'skogo progliba v svyazi s ikh nefteobnochnost'iu. [By] A. S. Makhinach i dr. Minsk, Nauka i tekhnika, 1966. 314 p.
- MAKOGON, I. U. F., and G. A. SARKIS'YANTS. [Prevention of the formation of hydrates in the production and transportation of gas] Preduprezhdenie obrazovaniia gidratov pri dobyche i transporte gaza. Moskva, Nedra, 1966. 185 p.
- MALAN'TIN, M. I., and R. M. MALAN'IN. [Sampling of kimberlites] Oprobovanie kimberlitov. Moskva, Nedra, 1966. 163 p.
- MALININ, R. M., ed. [Handbook for the beginning radio amateur] Spravochnik nachinalushchego radiolubitel'a. Izd. 3., perer. Moskva, Energila, 1965. 654 p. (Massovaya radiobiloteka, no. 581)
- MALOIAN, A. V., and V. I. PLOKHOV. [Water well drilling; a brief handbook] Burenie skvazhin na vodu; kratnii spravochnik. Moskva, Nedra, 1966. 302 p.
- MALYSHEV, G. A. [Increasing the durability of motor-vehicle bodies; structural and technological measures] Uvelichenie dolgovechnosti avtomobil'nykh kuzovov; konstruktivnye i tekhnologicheskie меры. Moskva, Mashinostroenie, 1966. 218 p.
- MAJONKIN, I. G. [Amplifiers] Usilitel'nye ustroystva. Moskva, Svyaz', 1966. 399 p.
- MANOILOV, V. E. [Principles of electrical safety] Osnovy elektrobezopasnosti. Moskva, Energila, 1966. 342 p.
- [MANUAL FOR STUDYING THE REGULATIONS ON THE TECHNICAL OPERATION OF ELECTRIC POWER STATIONS AND NETWORKS: Pipelines and feeding systems, steam turbine systems] Posobie dlia izucheniia pravil tekhnicheskoi ekspluatatsii elektricheskikh stantsii i setei; Truboprovody i pitatel'nye ustanovki, paroturbinye ustanovki. Moskva, Energila, 1966. 180 p.
- [MANUAL FOR THE ELECTRICAL ENGINEER OF THE LOGGING CAMP] Spravochnik elektromekhanika les-promkhozha. Izd. 2., dop. i perer. Moskva, Lesnaya promyshlennost', 1966. 389 p.
- MEDNIS, J. [New developments in repair and construction work] Novoe v mekhanizatsii remonta-stroitel'nykh rabot. Izd. 2., dop. i perer. Riga, Latvskii respubl. in-t nauchno-tekhn. informatsii i propagandy, 1965. 81 p.
- MEL'NIKOV, N. A. [Matrix method for the analysis of electrical networks] Matrichnyi metod analiza elektricheskikh tsepei. Moskva, Energila, 1966. 216 p.
- [METAL SPRAYING] Metallizatsiia raspyleniem. [By] N. V. Kats i dr. Moskva, Mashinostroenie, 1966. 197 p.
- [METALLURGY OF COPPER, NICKEL, AND COBALT; alternative course] Metallurgiya medi, nikelia i kobalta; alternativnyi kurs. [By] V. I. Smirnov i dr. Moskva, Metallurgiya. Pt. 2. [Metallurgy of nickel and cobalt] Metallurgiya nikelia i kobalta. 1966. 404 p.
- METREKIN, A. A. [Antenna-waveguide circuits of radio relay communication lines] Antenna-volnovodnye traktory radioreleinykh linii svyazi. Moskva, Svyaz', 1966. 112 p. (Novoe v tekhnike svyazi)
- MIKHAEV, S. I., and L. A. BENIN. [Technology of fitting] Tekhnologiya armaturostroenia. Moskva, Mashinostroenie, 1966. 338 p.
- MIKULINSKII, A. S. [Electrometallurgical processes] Protsessy rudnoi elektrometallurgii. [Moskva] Metallurgiya, 1966. 280 p.
- MIKUTSKII, G. V. [System for treating and coupling high-frequency communication channels] Ustroystva obrabotki i prisochleniia vysokochastotnykh kanalov. Moskva, Energila, 1966. 183 p.
- [MINING OF MINERAL DEPOSITS] Razrabotka mestorozhdenii poleznykh iskopaemykh. [By] I. A. Z. Nekrasovskii i dr. Moskva, Nedra, 1966. 550 p.
- MITCHKIN, G. S. [Microbiology of meat] Mikrobiologiya miasa. Moskva, Pishchevaia promyshlennost', 1966. 83 p.
- MOISEEV, M. P., ed. [Handbook for the machine-shop foreman] Spravochnik mastra mekhanicheskogo tsakha. [By] M. P. Moiseev i dr. Izd. 2., dop. i ispr. Moskva, Mashinostroenie, 1966. 703 p.
- MOROZENKO, V. V., and I. F. TURUK, comp. [Concise English-Russian dictionary on automatic information handling] Kratkiy anglo-russkii slovar' po avtomaticheskoi obrabotke informatsii. Pod obshelei red. M. A. Koroleva. Moskva, Mash. ekonomiko-stat. in-t, 1965. 32 p.
- MOSCOW, ENERGETICHESKII INSTITUT. [Reports of a scientific and technological conference on the results of scientific and research work conducted in 1964-1965; section on the electrification and automation of industry and transportation, subsection on the electrical equipment of industrial enterprises] Doklady nauchno-tekhnicheskoi konferentsii po itogam nauchno-issledovatel'skikh rabot za 1964-1965 gody; sektsija elektrifikatsii i avtomatizatsii promyshlennosti i transporta, podsektisija elektrobudovaniia promyshlennykh predpriiatii. Red. M. G. Chilikin. Moskva, 1965. 105 p.
- MOSCOW, ENERGETICHESKII INSTITUT IMENI G. M. KRZHIZHANOVSKOGO. [Heat engineering units for the utilization of solar radiation] Teplovyie ustanovki dlia ispol'zovaniia solnechnoi radiatsii. Moskva, Nauka, 1966. 161 p.
- MOSCOW, ENERGETICHESKII INSTITUT IMENI G. M. KRZHIZHANOVSKOGO. [Heat exchange in power engineering systems] Teploobmen v elementakh ustanovok. Moskva, Nauka, 1966. 221 p.
- MOSCOW, GOSUDARSTVENNYI NAUCHNO-ISSEDOVATELSKII INSTITUT TSVETNYKH METALLOV. [New reagents for the flotation of nonferrous metal ores] Noveye reagenty dlia flotatsii rud tsvetnykh metallov. Moskva, 1965. 15 p.
- MOSCOW, INSTITUT AVTOMATIKI I TELEMEXHANIKI. [Abstract and structural theory of relay devices] Abstraktnaia i strukturnaia teoriia releinykh ustroystv. Moskva, Nauka, 1966. 308 p.
- MOSCOW, INSTITUT AVTOMATIKI I TELEMEXHANIKI. [Engineering cybernetics. Problems of control and information; problems of Soviet science] Tekhnicheskaya kibernetika. Problemy upravleniia i informatsii; voprosy sovetskoi nauki. Moskva, Nauka, 1966. 103 p.
- MOSCOW, INSTITUT GORUCHIKH ISKOPEMYKH. [New methods of burning fuel and problems of the theory of combustion] Noveye metody szhiganiia topliv i voprosy teorii goreniia. Moskva, Nauka, 1965. 205 p.
- MOSCOW, INSTITUT GORNOGO DELA IMENI A. A. SKOCHINSKOGO. [Rock breaking by mechanical methods; transactions] Itzrushenie gornyykh porod mekhanicheskimi sposobami; [trudy] Moskva, Nauka, 1966. 277 p.
- MOSCOW, NAUCHNO-ISSEDOVATELSKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Maintenance and repair of imported motor vehicles; a provisional handbook] Tekhnicheskoe obsluzhivanie i remont importnykh avtomobilov; vremennoe rukovodstvo. Moskva, Transport, 1966. 118 p.
- MOSCOW, NAUCHNO-ISSEDOVATELSKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Storage batteries; their operation, technical maintenance and repair] Akkumulyatornye batarei; ekspluatatsiia, tekhnicheskoe obsluzhivanie i remont. Moskva, Transport, 1966. 238 p.
- MOSCOW, NAUCHNO-ISSEDOVATELSKII INSTITUT ORGANIZATSII, MEKHAIZATSII I TEKHICHESKOE POMOSICHII STROITEL'STVU. [Instructions for major repairs of machinery used in construction work] Ukazaniia po kapital'nomu remontu mashin, zaniatykh v stroitel'stvo (U5-04). Moskva, Stroizdat, No. 10 [Technological specifications for major repairs of S-404A and MSK-3-5/20 tower cranes] Tekhnicheskoe uslovie na kapital'nyi remont bashennykh kranov S-404A i MSK-3-5/20. 1965. 246 p.
- MOSCOW, TSENTRAL'NYI INSTITUT NAUCHNO-TEKHICHESKOEI INFORMATSII LEGKOEI PROMYSHLENNOSTI. [Process of shaping elastic buttons directly on clothing] Protsess formovaniia pugoiv iz plastmass neposredstvenno na shveinykh izdeliiakh. Moskva, 1965. 13 p. (Obzor)

MOSCOW. TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSI (Founded 1959). [Technical means for automatic and remote control] Tekhnicheskie sredstva avtomatizatsii i telemekhanizatsii. Moskva, 1962. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 28)

No. 1. Kadzharov, M. V. [Contactless decoder of binary code using magnetic and transistor elements. Network for calculating the Gray code to a binary code] Bezkontaktnyi dechifirator dvoichnogo koda na magnitnykh i poluprovodnikovyykh elementakh. Skhema pereschetu koda Greia v dvoichnyi kod. 11 p. (No. A-62-1/1)

No. 2. Bukhgal'ts, V. P. [Equipment for the automatic control of water discharging systems in mines] Apparatura dlia avtomaticheskogo upravleniia rudnichnymi vodootlivnymi ustanovkami. 11 p. (No. A-62-2/2)

No. 5. 28 p. (No. A-62-6/5)

No. 6. 24 p. (No. A-62-10/6)

No. 7. 12 p. (No. A-62-11/7)

No. 8. [Collection] Sbornik. 23 p. (No. A-62-12/8)

No. 9. Strinber, L. A., and others. [Contactless position indicators and their use in positional systems of program control. Coincidence systems and contact transducers for program control systems] Bezkontaktnye datchiki poloziel'nosti i ikh primenenie v pozitsionnykh sistemakh programmogo upravleniia. Sistemy sovpadeniia i kontaktnye datchiki dlia sistem programmogo upravleniia. 23 p. (No. A-62-13/9)

No. 10. 20 p. (No. A-62-16/10)

No. 11. Bamdas, A. M., S. V. Shapuro, and I. V. Binnov. [Static ferromagnetic frequency multipliers for automatic control systems] Staticheskie ferromagnitnye umnozhiteli chastoty dlia sistem avtomatiki. 20 p. (No. A-62-17/11)

No. 12. Abezgauz, M. L., I. M. Abovskii, and O. I. Liherman. [Contactless devices for the automatic control of continuous lines using ferrite and transistor elements and semiconductor devices] Bezkontaktnye ustroistva upravleniia avtomaticheskimi liniami na ferrito-tranzistornykh elementakh i poluprovodnikovyykh priborakh. 31 p. (No. A-62-18/12)

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII I PROEKTNO-EKSPERIMENTAL'NYI INSTITUT PROMYSHLENNYKH ZDANII I SOORUZHENII. [Instructions on the manufacture of glass reinforced plastic roofs] Instrukttsiia po ustroistvu smaltichnykh krovlei, armirovannykh steklomaterialami. Moskva, Stroizdat, 1966. 30 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII I PROEKTNO-EKSPERIMENTAL'NYI INSTITUT PROMYSHLENNYKH ZDANII I SOORUZHENII. [Wear and protection of structural elements of industrial buildings in a corrosive medium generated during the production process] Iznos i zashchita konstruktivnykh elementov zdaniiskh i sooruzheniiskh v korrozivnoi sredy, obrazuemoi pri proizvodstve. Pod red. K. N. Kartashova. Moskva, Stroizdat, No. 2, 1966. 150 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT STROITEL'NYKH KONSTRUKTSII. [Instructions for calculating flooring for impulsive loads] Instrukttsiia po raschetu perekrytiia na impul'snye nagruzki. Moskva, Stroizdat, 1966. 133 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT STROITEL'NYKH KONSTRUKTSII. [Technological recommendations on the welding of reinforcements for reinforced-concrete elements] Tekhnologicheskie rekomendatsii po svarkie armatury zhelezobetonnykh konstruktiv. Moskva, Stroizdat, 1966. 86 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSEDOVATEL'SKII I PROEKTNO-KONSTRUKTSIONSKIY INSTITUT ELEKTROVODOSTROENIIA. [Problems of joining railroads electrified by different current systems. Electric rolling stock with mixed current supply, a bibliographical list of Soviet and foreign literature for 1960-1963] Problemy stykovanii zheleznykh dorog, elektrifitsirovannykh na razlichnykh sistemakh toka. Elektropodvizhnoi sostav smeshannogo pitaniia; bibliograficheski ukazatel' otechestvennoi i inostrannoi literatury za 1960-1963 gg. Moskva, Otdel nauchno-tekhn. informatsii, standartizatsii i normalizatsii v elektrotekhnike. No. 1, 1964. 83 p.

MOSKOVSKIY ELEKTROLAMPOVYI ZAVOD, Moskva. [Metals and alloys for electric vacuum apparatus] Metally i splavy dlia elektrovakuumnykh priborov. Pod obshelei red. R. A. Nilendera. Moskva, Energiia, 1965. 90 p. illus.

MOZHUL', V. G. [Safety engineering and fire prevention measures at lumbering camps] Tekhnika bezopasnosti i protivopozharnai tekhnika na lesozagotovkakh. Izd. 4., perer. Moskva, 1966. 182 p.

MUSHKAT, M. I. [Operation of voice-frequency telegraphy apparatus with frequency modulation] Tekhnicheskai ekspluatatsiia apparatury tonal'nogo telegrafirovaniia s chastotnoi modulatsiei. [Moskva] Sviaz', 1966. 97 p.

NAGIBIN, G. V., V. F. PAVLOV, and M. A. ELLERN. [Technology of heat insulating and gypsum materials. Tekhnologiya teploizolatsionnykh i gipsovykh materialov. Pod red. M. A. Matveeva. Moskva, Vysshia shkola, 1966. 466 p.

NAKHODKIN, M. D. [Some problems of the theory of a.c. machines; a lecture outline] Nekotorye voprosy teorii mashin peremennogo toka; konspekt lektsii. Moskva, Mosk. in-t inzhenerov zhelezn. transporta, 1965. 111 p.

NEMIROVSKII, M. S. [Interference rejection in radio communication] Pomekoustoiichivost' radiosvazi. Moskva, Energiia, 1966. 295 p.

NEPRIMEROV, N. N., and A. G. SHARAGIN. [Characteristics of center-to-edge flooding of oil layers] Osobennosti vnutrikontornoi vyrabotki neflanykh plastov. [Kazan'] Izd-vo Kazanskogo univ., 1961. 212 p. (RPD)

NIFONTOV, B. I., and others. [Construction of underground structures] Stroitel'stvo podzemnykh sooruzhenii. Moskva, Nedra, 1966. 263 p.

NIKOLAEV, A. F. [Synthetic polymers and plastics based on them] Sinteticheskie polimery i plasticheskie massy na ikh osnove. Izd. 2., ispr. i dop. Moskva, Khimiia, 1966. 768 p.

NIKOLAEV, A. S. [Advanced methods of painting building facades; from the work experience of the Fasadremstroi-1 Trust in Leningrad] Progressivnye metody okrasok fasadov zdani; iz opyta raboty tresta Fasadremstroi-1 v Leningrade. Leningrad, Stroizdat, 1966. 72 p.

NIKOLAEV, G. A., ed. [Strength of welded structures] Pruchnost' svarynykh konstruktiv. Moskva, Mashinostroenie, 1966. 254 p.

NOVIKOV, A. I. [To work in the communist way is to work without accidents; practice in the struggle for "Work without accidents and the improvement of the art of production" in the Grigiskos Pilot Paper Combine, an enterprise of communist labor] Rabotat' po kommunistsheskii - rabotat' bez travm; opyt borby "za rabotu bez travm i povyshenie kul'tury proizvodstva" na Grigiskoskom opytnom bumazhnom kombinat'e - predpriatii kommunistsheskogo truda. Moskva, Lesnaya promyshlennost', 1966. 18 p.

OKHREMENKO, N. S., and N. K. KURAKSINA. [Technology of the making of semi-dried wines] Tekhnologiya prigotovleniia polosnatskikh vin. Simferopol', Krymizdat, 1961. 71 p. (Nauchnye dostizheniia - v proizvodstvo) (CU-A)

OKSMAN, A. K. [Transmission of television signals through coaxial cables] Peredacha televizionnykh signalov po koaksial'nym kablami. [Moskva] Sviaz', 1966. 199 p.

OKUNEV, A. I., I. A. KOST'YANOVSKII, and P. A. DONCHENKO. [Fuming of slags; theory and practice] Fumirovanie shlakov: teoriia i praktika. Moskva, Metallurgiya, 1966. 258 p.

ORLIN, A. S., and B. N. STRUNGE, eds. [Two-cycle combined piston engines] Dvukhtaktnye kombinirovannye porshnevyye dvigateli; sbornik statei. Moskva, Mashinostroenie, 1966. 142 p.

OSIPOV, L. G., P. P. SERBINOVICH, and V. E. KRASENSKII. [Public and industrial buildings; architectural design features and elements of buildings] Grazhdanskie i promyshlennyye zdaniia; arkhitekturno-konstruktivnye skhemy i elementy zdaniia. Izd. 4., perer. i dop. Pod obshelei red. L. G. Osipova. Moskva, Vysshia shkola, 1966. 479 p.

OSTROUMOV, B. A., comp. [Nizhny Novgorod pioneers of Soviet radio engineering] Nizhegorodskie pionery sovetskoi radiotekhniki. Moskva, Nauka, 1966. 213 p.

OVERALL MECHANIZATION OF EARTHWORK] Kompleksnaia mekhanizatsiia zemlanykh rabot. [By] A. I. Astakhov, i dr. Moskva, Stroizdat, 1965. 287 p.

PANKRAT'EV, L. D., and others. [A.C. servo drive with transistor amplifiers] Siedlatschii privod peremennogo toka s poluprovodnikovymi ustroistvami. Moskva, Energiia, 1966. 103 p. (Biblioteka po avtomatike, no. 175)

PAVLOV, I. U. B., and A. B. GORDIN. [A wonderful assistant] Chudesnyi pomoshchnik. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 169 p.

PAVLOV, N. I. [Structural ceramics and foam glass; practices of the Moscow Combine of Ceramic Facing Materials] Stroitel'nai keramika i penosteklo; iz opyta Moskovskogo kombinata keramicheskikh oblitsovochnykh materialov. Moskva, Stroizdat, 1966. 187 p. (Avtomatizatsiia proizvodstva stroitel'nykh materialov i izdelii)

PEKARSKAIA, Z. P. [Equipment and organization of work in training centers for painters and plasterers] Oborudovanie i organizatsiia raboty uchebnykh kabinetov dlia malinov i stukturov. Moskva, Vysshia shkola, 1966. 55 p.

PEROV, A. N. [Working principle and repair of automatic brakes] Ustroistvo i remont avtomaticheskikh. Izd. 7., perer. i dop. Moskva, Transport, 1966. 251 p. diagrs. (insert)

PEROVO. GOSUDARSTVENNYI VSESOIUZNYI NAUCHNO-ISSEDOVATEL'SKII TEKHNOLIGICHESKII INSTITUT REMONTA I EKSPLOATATSII MASHINNO-TRAKTORNOGO PARKA. [Album of technological charts for the repair of DT-20 and DT-14B tractor parts] Albom tekhnologicheskikh kart na remont detaiei traktorov DT-20 i DT-14B. Moskva, Kolos, 1966. 277 p. (Tipovai tekhnologiya remonta traktorov)

PEROVO. GOSUDARSTVENNYI VSESOIUZNYI NAUCHNO-ISSEDOVATEL'SKII TEKHNOLIGICHESKII INSTITUT REMONTA I EKSPLOATATSII MASHINNO-TRAKTORNOGO PARKA. [Album of technological charts for the repair of MTZ-5L and MTZ-5M tractor parts] Albom tekhnologicheskikh kart na remont detaiei traktorov MTZ-5L i MTZ-5M. Moskva, 1966. 199 p. (Tipovai tekhnologiya remonta traktorov)

PEROVO. GOSUDARSTVENNYI VSESOIUZNYI NAUCHNO-ISSEDOVATEL'SKII TEKHNOLIGICHESKII INSTITUT REMONTA I EKSPLOATATSII MASHINNO-TRAKTORNOGO PARKA. [Album of technological charts for the repair of S-80 and S-100 tractor parts] Albom tekhnologicheskikh kart na remont detaiei traktorov S-80 i S-100. Moskva, Kolos, 1966. 274 p. (Tipovai tekhnologiya remonta traktorov)

PETRI, V. N., I. P. PERMIKIN, and A. A. CHEREMISIN. [Sawdust boards and articles] Drevesno-opilochnye plity i izdeliia. Moskva, Lesnaya promyshlennost', 1966. 80 p.

PETROKAS, L. V., ed. [Theory of automatic machines and pneumatic and hydraulic drives] Teoriia mashin-avtomatov i pnevmogidroprivodov; sbornik statei. Moskva, Mashinostroenie, 1966. 367 p.

PIASTOLOV, A. A., E. L. SHATS, and V. A. BLUMBERG. [Operation and repair of electrical equipment] Eksploatatsiia i remont elektrobordurovaniia. Moskva, Kolos, 1966. 351 p. (Uchebniki i uchebnye posobia dlia vysshikh sei'skokhoziaistvennykh uchebnykh zavedenii)

PIROG, P. I. [Heat insulation of refrigerators] Teploizolatsiia kholodil'nikov. 2., perer. i dop. Izd. Moskva, Pishchevaya promyshlennost', 1966. 271 p.

PIZHURIN, A. A., and V. T. SURIKOV. [Electric machinery and electric driving of lumbering equipment] Elektricheskie mashiny i elektropriivod lesozagotovitel'nogo oborudovaniia. Moskva, Lesnaya promyshlennost', 1966. 305 p.

PLIATSEVSKII, I. A. [Information systems in technology and economics] Informatsionnye sistemy v tekhnike i ekonomike. [Moskva] Mosk. rabochi, 1966. 173 p.

POLOSIN-NIKITIN, S. M. [Mechanization of road construction] Mekhanizatsiia dorozhnykh rabot. Moskva, Transport, 1966. 308 p.

POLUKHIN, I. U. D. [On a level with the birds] Vroven' s ptitsami. [Moskva] Molodaii gvardia, 1966. 222 p.

POMERANTS, L. I., and V. T. CHUKIN. [Industrial geophysical apparatus and equipment] Promyslovo-geofizicheskai apparatura i oborudovanie. Moskva, Nedra, 1966. 313 p.

- POPOV, A.P., and I.U.A. POPOV. [Gas-fired blast-furnace operator] *Gazovshchik domnoy pechi*. Moskva, Metallurgiya, 1966. 154 p.
- POPOV, P.A. [Transistor as a four-terminal network] *Tranzistor kak chetyrekhpolusnik*. Moskva, Energiya, 1966. 39 p. (Massovaya radiobiblioteka, no. 597)
- [PRESERVED RAW INTESTINES] *Kishki-syrets konservirovaniye*. (OST KZ SNK 365—OST KZ SNK 369) Izd. offtsiat'noe. Moskva, Izd-vo Standartov, 1964. 19 p. (SSSR, Gosudarstvennyye standarty)
- PROEKTNIY I NAUCHNO-ISSEDOVATELSKIY INSTITUT "URAL'SKIY PROMSTROINIPROEKT." [Extending the life of cellular concrete panels] *Povysheniye dolgoveshnosti paneli iz lacheleykh betonov*. Pod red. E.S. Silenkov. Moskva, Stroiizdat, 1965. 214 p.
- PUKHOV, G.E., and K.D. ZHUK. [Synthesis of multiply-coupled control systems using the inverse operator technique] *Sintez mnogovsvyaznykh sistem upravleniya po metodu obratnykh operatorov*. Kiev, Naukova dumka, 1966. 217 p.
- PUL'MANOV, N.V. [Mobile compressor stations] *Peredvizhnyye kompressornye stantsii*. Moskva, Vysshaya shkola, 1966. 271 p.
- PUTINTSEV, N.D. [Equipment check of digital control computers] *Apparatnyi kontrol' upravlyayushchikh tsifrovyykh vychislitel'nykh mashin*. Moskva, Sovetskoye radio, 1966. 424 p.
- RABINOVICH, G.A., and A.I. SITKOVSKIY. [Automation of belt conveyors] *Avtomatizatsiya lentochnykh konvelerov*. Moskva, Energiya, 1966. 80 p. (Biblioteka elektromontera, no. 177)
- RACHKOVSKIY, N.G. [Fundamentals of the theory of automatic air navigation] *Osnovy teorii avtomatizirovannogo samoletovozhdeniya*. Moskva, Mashinostroenie, 1966. 126 p.
- RADZIKOVSKAYA, S.V., and V.I. MARCHENKO. [Sulfides of rare earth metals and actinoids] *Sul'fidy redkozemel'nykh metallov i aktinoidov*. Kiev, Naukova dumka, 1966. 139 p.
- RAIKO, M.V. [Design of machine parts and units] *Rozrakhunok detalei i vuzlov mashyn*. Kyiv, Tekhnika, 1966. 491 p.
- RAZORENOV, V.F. [Determining structural properties of soils using the penetration and rotation shearing methods] *Opreделение stroitel'nykh svoystv gruntov metodami penetratsii i vrashchatel'nogo srezha*. Pod red. E.V. Platonova. Kiev, Budivelnik, 1966. 136 p.
- [REFERENCE TABLES ON MACHINE PARTS IN TWO VOLUMES] *Spravochnye tablitsy po detaliam mashin v 2-kh tomakh*. [By] V. Z. Vasil'ev, 1 dr. 5. izd., ispr. i dop. Moskva, Mashinostroenie. Vol. 2. 1966. 600 p.
- [REFRACTORIES AND REFRACTORY PRODUCTS] *Ogneupory i ogneupornyye izdeliya*. Izd. offtsiat'noe. Moskva, Izd-vo Standartov, 1966. 459 p. (SSSR, Gosudarstvennyye standarty)
- REIN, A.I. [Automatic control of the mechanical conveying of loose materials] *Avtomatika mekhanicheskogo transporta sypuchikh gruzov*. Moskva, Energiya, 1966. 70 p. (Biblioteka po avtomatike, no. 182)
- RIVIN, E.I. [Dynamics of machine-tool drives] *Dinamika privoda stankov*. Moskva, Mashinostroenie, 1966. 203 p.
- RIZHSKIY VAGONOSTROITEL'NIY ZAVOD, Riga. [Ultrasonic testing of welded joints in the manufacture of electric cars] *Ul'trazvukovoy kontrol' svarynykh soedineniy v elektrovagonostroeni*. Riga, Latviyskii respubl. In-t nauchno-tekhn. informatsii i propagandy, 1965. 10 p.
- ROSSI, B.D. [Poisonous gases during underground blasting operations] *Iadovitye gazy pri podzemnykh vzryvnykh rabotakh*. Moskva, Nedra, 1966. 82 p.
- RUDOLF, V.V. [Planned maintenance repair of the technological equipment for nonalcoholic beverage plants] *Plannovye-predupreditel'nyi remont tekhnologicheskogo oborudovaniya zavodov bezalkogol'nykh napitkov*. Moskva, Pishchevaya promyshlennost', 1966. 139 p.
- RUSSIA (1917— U.S.S.R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Instructions for the inspection, adjustment and testing of mine hoisting equipment with asynchronous motors] *Instruktsiya po revizii, nastadke i lepyaniyu shakhtnykh pod'emnykh ustanovok s asinkhronnyimi dvigateliami*. Moskva, Nedra, 1966. 211 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi geologicheskii komitet. [Collection of uniform, regional standard estimates for geological prospecting operations] *Sbornik edinykh poratennykh edinchnykh raschetov na geologorazvedochnyye raboty*. Moskva, Kartpredpriyatie VGF. No. 10. [Construction of temporary buildings and structures] *Postroika vremennykh zdani i sooruzhenii*. [2., ispr. i dop. izd.] 1965. 461 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction norms and regulations] *Stroitel'nyye normy i pravila*. Moskva, Stroiizdat. Pt. 2. Sec. G. Ch. 12 [Gas supply. Gas-distribution stations. Liquefied gas bottling and tank installations; design specifications] *Gazosnabzheniye. Gazorazdatochnyye stantsii. Ballony i rezervuary ustanovki szhizhennogo gaza; normy proektirovaniya* (SNIP II-G, 12-65), 1966. 20 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions on designing and assembling dolomite filters for stabilizing water in internal water-supply systems] *Ukazaniya po proektirovaniyu i montazhu magnomassovykh fil'trov dlya stabilizatsii vody vnutrennykh sistem vodoabzheniya* (SN 332-65). Moskva, Stroiizdat, 1966. 28 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Provisional instructions for making joints and seams in large-panel residential buildings constructed according to standard projects in series 1-480A] *Vremennyye ukazaniya po ustroystvu stykov i shvov v krupnopanel'nykh zhylykh domakh, sooryzhaemykh po tipovym proektam serii 1-480A* (PCIH 89-63). Kiev, 1962. 52 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform norms and estimates for construction, assembly, and repair work] *Edinye normy i raschetnyye i montazhnyye i remontno-stroitel'nyye raboty*. Moskva, Stroiizdat. Sbornik 4. [Reinforced concrete and concrete construction] *Zhelezobetonnyye i betonnyye raboty*. No. 1. [Assembly of precast reinforced concrete and concrete elements of buildings and structures] *Montazh sbornykh zhelezobetonnykh i betonnykh konstruktivnykh zdani i sooruzhenii*. 1966. 39 p. Sbornik 6. [Carpentry and joinery work] *Plotnichnyye i stolarnyye raboty*. No. 3. [Manufacture of wooden structural elements and parts] *Izgotovleniye derevyannykh konstruktivnykh detalei*. 2., ispr. i dop. izd. 1965. 95 p. Sbornik 28. [Assembly of hoisting equipment] *Montazh pod'emno-transportnogo oborudovaniya*. No. 2. [Intermittent-action equipment] *Oborudovaniye preryvnogo delaniya*. 2., ispr. i dop. izd. 1965. 184 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform norms and estimates for construction, assembly, and repair work for 1960; estimates recalculated on the basis of the new price scale] *Edinye normy i raschetnyye na stroitel'nyye, montazhnyye i remontno-stroitel'nyye raboty 1960 g.; raschetnyye perschitanye iskhoroda iz novogo masshtaba tsen*. Moskva, Stroiizdat. [Collection 34] *Sbornik 34. [Forging and fitting operations] Kuznechno-svarenyye raboty*. 1960. 72 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu i arkhitekture. [Instructions on designing structural elements for large-panel residential buildings] *Ukazaniya po proektirovaniyu konstruktivnykh krupnopanel'nykh zhylykh domov* (SN 321-65). Moskva, Stroiizdat, 1966. 159 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu i arkhitekture. [Instructions on designing structural elements for large-panel residential buildings in seismic regions] *Ukazaniya po proektirovaniyu konstruktivnykh krupnopanel'nykh zhylykh domov stroiaschikh v seismicheskikh rayonakh* (SN 326-65). Moskva, Stroiizdat, 1966. 20 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Caliper gauges with tapered jaws] *Kalibry-skobyy no skoshennym gubkam* (MN 471-64—MN 473-64; MN 476-64). Moskva, Izd-vo Standartov, 1964. 22 p. (SSSR, Normali mashinostroeniya)
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Copper vessels and apparatus; technical requirements] *Sosudy i apparaty mudyoye tekhnicheskyye trebovaniya* (MN 5200-64). Moskva, Izd-vo Standartov, (SSSR, Normali mashinostroeniya) Sbornik 7. 1964. 11 p.
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Diameters for the holes for screw threads; diameters] *Diametry otvornits pod rez'bu; razmery* (MN 5364-64—MN 5369-64). Moskva, Izd-vo Standartov, 1964. 28 p. (SSSR, Normali mashinostroeniya)
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Dies for cold forging; shock absorbers] *Shlumpy dlya kholodnoi shlapkovki; bufernyye ustroystva* (MN 4954-63—MN 4965-63). Moskva, Izd-vo Standartov, 1964. 106 p. (SSSR, Normali mashinostroeniya)
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Elastic bushed pin catches] *Mufly uprugie vliuchno-pal'tsovye* (MN 2096-64). Moskva, Izd-vo Standartov, 1964. 20 p. (SSSR, Normali mashinostroeniya)
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Friction multi-disc couplings] *Mufly friktsionnyye mnogodiskovyye* (MN 5056-65—MN 5065-65). Moskva, 1965. 103 p. (SSSR, Normali mashinostroeniya)
- RUSSIA (1923— U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Radio-frequency cables] *Kabeli radiochastotnyye* (GOST 11320-65—GOST 11353-65). Izd. offtsiat'noe. Moskva, Izd-vo Standartov, 1966. 105 p. (SSSR, Gosudarstvennyye standarty)
- RUSSIA (1923— U.S.S.R.) Ministarstvo melioratsii i vodnogo khozaystva. [Materials on labor protection and safety engineering in water management construction] *Sbornik materialov po okhrane truda i tekhnike bezopasnosti v vodokhozaystvennom stroitel'stve*. Moskva, Kolos, 1966. 300 p.
- RUSSIA (1923— U.S.S.R.) Ministarstvo putey soobshcheniya. *Tsentral'naya nauchno-tekhnicheskaya biblioteka*. [Automation and remote control of the power supply systems of electrified railroads; a bibliographic index of Soviet and foreign literature for 1961-1964] *Avtomatizatsiya i telemekhanicheskyye ustroystva energosnabzheniya na elektrifitsirovannykh zheleznykh dorogakh; bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury za 1961-1964 gg*. Moskva, Transport, 1966. 27 p.
- RUSSIA (1923— U.S.S.R.) Uchebno-metodicheskoye upravleniye po vysshim uchebnym zavedeniyam. [Program for the course "Hydraulics" for majors in "Hydraulic engineering construction of river structures, hydroelectric power stations" and "Hydraulic engineering construction of sea channels and ports" of institutions of higher learning] *Programma kursa "Gidravlika" dlya spetsial'nostei "Gidrotekhnicheskoye stroitel'stvo rechnykh sooruzhenii, gidroelektricheskikh stantsii" i "Gidrotekhnicheskoye stroitel'stvo vodnykh morekikh putey i portov" vysshikh uchebnykh zavedenii*. [Moskva, Vysshaya shkola, 1962] 10 p.
- SANDLER, A.S. [Regulation of the angular velocity of large asynchronous motors] *Regulirovaniye skorsti vrashcheniya moshechnykh asinkhronnykh dvigatel'nykh mashin*. Moskva, Energiya, 1966. 310 p.
- SANDLER, A.S., and R.S. SARDATOV. [Frequency control of asynchronous motors] *Chastotnoye upravleniye asinkhronnyimi dvigateliami*. Moskva, Energiya, 1966. 144 p. (Biblioteka po avtomatike, no. 179)

- SAPRYKIN, V.M. [Power engineering of today and tomorrow] Energetika nastoiashchego i budushchego. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 170 p.
- SAVOST'IANOV, A.I. [Peak current protection system] Maksimal'naya tokovaya zashchita. Moskva, Energiia, 1966. 68 p. (Biblioteka elektromonera, no. 181. Spravochnaya seriya)
- SAVIN, I.U.M. [Pumped-storage electric power plants] Gidroakkumulirulushchie elektrostantsii. Moskva, Energiia, 1966. 135 p.
- SEKHINASHVILI, E. [Vibrations of elastic systems] Kolobaniia uprugikh sistem. Tbilisi, Sabchota Sakartvelo, 1966. 546 p.
- SERGEVIN, I.V. [Theory of mechanisms and machines] Teoriia mekhanizmov i mashin. Moskva, Vses. zaocnyi in-t tekstil'noi i legkoj promyshl. Pt. 1. [Kinematics of mechanisms] Kinetika mekhanizmov. 1965. 255 p.
- SERIN, V.A. [Equipment of training centers in construction organizations] Oborudovanie uchebnykh kabinetov v stroitel'nykh organizatsiyakh. Moskva, Vysshaya shkola, 1966. 77 p.
- SEVAST'IANOV, V.I. [Designing and building of dams in Italy] Proektirovanie i stroitel'stvo plotin v Italii. Moskva, Energiia, 1966. 102 p.
- SHAKHIGUL'DIAN, V.V., and A.A. LIAKHOVNIK. [Automatic phase frequency regulation] Fazovaya avtopodstroika chastoty. Moskva, Svyaz', 1966. 333 p.
- SHAKHTAKHTINSKII, G.B., and G.A. ASLANOV. [Arsenate method for the iodometric determination of magnesium and calcium] Arsenatnyi metod iometricheskogo opredeleniia magniia i kal'tsiia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 123 p.
- SHCHEDRIN, N.N. [Simplification in the modeling of electrical systems] Uproshchenie elektiricheskikh sistem pri modelirovani. Moskva, Energiia, 1966. 156 p.
- SHEKSHINIA, V.L. [Abstracts of lectures in a course on "Servo systems"] Konspekt lektsii po kursu "Sladiashchie sistemy." Red. S.A. Khrizolitova. Moskva, Energ. in-t. No. 1. 1966. 137 p.
- SHEVAKIN, I.U.F., and F.S. SEIDALIEV. [Cold pipe rolling mills] Stany khlodnoi prokatki trub. [Moskva] Metallurgiya, 1966. 210 p.
- SHIMDT, L.G. [Effect of carbon dioxide and air on beer quality and methods for their determination] Vliianie uglekislogo gaza i vozdukh na kachestvo piva i metody ikh opredeleniia. Moskva, TSentr. i in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1966. 51 p.
- SHORIN, V.I. [Flat knitting machines manufactured in the German Democratic Republic] Ploskofangovye mashiny GDR. Moskva, TsINTIAM, 1964. 15 p. (Seriya OS-XVI: Oborudovanie dlia legkoj promyshlennosti)
- SHUL'MAN, M.S. [Sorptions of amylolytic enzymes] Sorbtisia amiloiticheskikh fermentov. Moskva, Pishchevaia promyshlennost', 1966. 80 p.
- SIDOROV, M.A. [Laboratory work in the special technology for sanitary engineering (filters)] Laboratorno-prakticheskie raboty po spetsialnoi tekhnologii dlia slesarei-sanitnikov. Moskva, Vysshaya shkola 1966. 62 p.
- SIROTOV, V.I. [Safety engineering and fire prevention measures in the construction and use of logging roads] Tekhnika bezopasnosti i protivopozharnaya tekhnika na stroitel'stve i ekspluatatsii lesovoznykh dorog. Moskva, Lesnaya promyshlennost', 1966. 154 p.
- SKLIARENKO, I.A. [Drawing of radio circuits] Kresleniia radioskhem. Kiev, Radians'ka shkola, 1964. 20 p.
- SLAVIANSKII, A.K. [New methods of wood pyrolysis] Novyye metody piroliza drevessiny. Moskva, Lesnaya promyshlennost', 1966. 252 p.
- SLOBODIANIK, I.A. [Building materials and products] Stroitel'nye materialy i izdeliia. Izd. 3., perer. i dop. Kiev, Duvitel'nyk, 1966. 430 p.
- SMIDOVICH, E.V. [Technology of petroleum and gas refining] Tekhnologiya pererabotki nefli i gaza. Moskva, Khimika, Pt. 2. [Destructive processing of petroleum and gas] Destruktsivnaya pererabotka nefli i gaza. 1966. 386 p.
- SMIRNOV, L.P. [Cabling electrician] Monter-kabel'shchik. Izd. 2., perer. i dop. Moskva, Vysshaya shkola, 1966. 390 p.
- SNARSKII, A.A., and M.V. MARKOV. [Lines for automatic control, remote control, and communications in railroad transportation] Linii avtomatiki, telemekhaniki i svyazi na zheleznodorozhnom transporta, Izd. 2., perer. i dop. Moskva, Transport, 1966. 403 p.
- SOKOLOV, M.L., and S.A. TRESKINSKII. [Surveying and designing automobile roads in mountainous terrain] Izyskanie i proektirovanie avtomobil'nykh dorog v gornoi mestnosti. Moskva, Nauchno-tekhn. Izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 254 p. (ICJ)
- SOKOLOVSKII, V.T. [Insulating operations] Izoliatsionnye raboty. 2. izd., perer. i dop. Leningrad, Stroiizdat, 1966. 268 p. (Seriya posobie dlia nachinal'shchikh rabochikh)
- SOLOV'EV, V.I. [Ageing of meat; theory and practice of the process] Sozrevanie miasa: teoriia i praktika protezsa. Moskva, Pishchevaia promyshlennost', 1966. 337 p.
- SONIN, E.K. [Radio electronics of artificial satellites] Radioelektronika sputnikov. Moskva, Energiia, 1966. 71 p. (Massovaya radiobiblioteka, no. 604)
- SOTNIKOV, S.K. [Conversion of television receivers] Peredatka televizorov. Izd. 2., perer. i dop. Moskva, Energiia, 1966. 119 p. (Massovaya radiobiblioteka, no. 595)
- STARIN, I.P., S.F. CHARKIN, and V.G. SHIRMAN. [Beneficiation of coarse filling material aggregates in heavy media] Obogashchenie krupnogo zapolnitel'ia v tiazhelykh sredakh. Moskva, Energiia, 1966. 110 p.
- STRUZHESKII, S.I.A. [N.E. Zhukovskii - the founder of the science of aerodynamics] N.E. Zhukovskii - osnovopolozhnik aviatsionnoi nauki. Izd. 2., perer. i dop. Pod red. G.F. Burago. Moskva, Voenizdat, 1966. 137 p. (Nauchno-popul'naya biblioteka voennogo izdatel'stva)
- STRUNGE, B.N., and others. [Automated high-capacity type D100 diesel gas generator] Avtomatizirovannyye dizel'-generatory bol'shoi moshchnosti tipa D100. Moskva, Mashinostroyeniye, 1966. 269 p.
- SUKHAREV, S.S. [Stabilization and control of flushing fluids in well drilling] Stabilizatsiia i regulirovanie promyshlennykh zhidkostei pri burenii skvazhin. Moskva, Nedra, 1966. 207 p.
- SVECHARNIK, D.V. [Distance-type transmission systems; telemetering and remote control systems] Distantsionnye poredachi; sistemy izmereniia i upravleniia na rasstoyanii. Izd. 2., perer. i dop. Moskva, Energiia, 1966. 476 p.
- SVIAKOV, S.N. [Pneumatic transportation of ground wood] Pnevmaticheskii transport izmet'shemoi drevessiny. Moskva, Lesnaya promyshlennost', 1966. 316 p.
- TAGUNOV, M.I. [Operation of the gas equipment in industrial enterprises] Ekspluatatsiia gazovogo khozinstva promyshlennykh predpriatii. Moskva, Nedra, 1966. 311 p.
- [TECHNOLOGY OF FISHERY PRODUCTS] Tekhnologiya rybnykh produktov. [By] V.P. Zaitsev i dr. Moskva, Pishchevaia promyshlennost', 1965. 752 p.
- TENENBAUM, M.M. [Resistance to abrasive wear of structural materials and machine parts] Iznosostoi-kost' konstruktivnykh materialov i detalей mashin pri abrazivnom iznashivani. Moskva, Mashinostroyeniye, 1966. 330 p.
- [THEORY OF TRANSMISSIONS IN MACHINES] Teoriia poredach v mashinakh; sbornik statei. Moskva, Mashinostroyeniye, 1966. 310 p.
- TIKHOMIROV, V.B. [Nonwoven fiber-bonded materials] Nitkanye kleemye materialy. [Leningrad] Legkaya industriia, 1966. 349 p.
- TIURLAEV, I.A. [Physicochemical and technological principles of the production of butyl from butadiene and butylene] Fiziko-khimicheskie i tekhnologicheskie osnovy proizvedeniia divinitila iz butana i butilena. Moskva, Khimika, 1966. 179 p.
- TRET'IAKOV, A.V., and E.A. GARBER. [Design of rolls for cold rolling] Raschet i isledovanie kholodnoi prokatki. Moskva, Mashinostroyeniye, 1977 p.
- TRUSOV, A.A. [Hard-alloy tools; a handbook] Tverdye splavy instrumenty; spravochnik. Moskva, Mashinostroyeniye, 1966. 273 p.
- TSKIERMAN, L.I.A., and G.S. KESELMAN. [Deep grounding elements for anticorrosive units] Glubokie zazemliteli dlia protivokorroziionnykh ustroystv. Moskva, Metallurgiya, 1966. 80 p.
- TSIPES, N.D. [PTU-5M tubular pasteurization apparatus] Trubchataya pasterezatsionnaya ustroystvo PTU-5M. Moskva, TsINTPishcheprom, 1966. 22 p.
- TSYPLAKOV, I.U.S. [Bipolar mechanisms] Bipo-larnyye mekhanizmy. Moskva, Mashinostroyeniye, 1966. 86 p.
- USACHEV, N.S., I.U.D. DAVYDOV, and A.P. SOL. [Failure control practices during oil well drilling] Praktika bor'by s oslozheniyami pri burenii skvazhin. Moskva, Nedra, 1966. 79 p.
- VAISMAN, B.A. [Advanced technology of the production of wooden chests] Progressivnaya tekhnologiya proizvodstva derev'nykh lashchikov. Moskva, TSentr. nauchno-issl. in-t informatsii i tekhniko-ekonom. isledovaniy po lesnoi, tselulozno-bumaznoi i papernoi promyshlennosti. 1965. 46 p. (Derevozobrabotka)
- VASIL'EV, V.S., and others. [Saddle-shaped suspension] Viskhashe sedlobraznoe pokrytie. Kiev, vol'nyk, 1965. 75 p.
- VAVILOV, M.A. [Booklet for the driver of a dump truck] Pamiatka shoferu avtomobila-samovala. Izd. 3., lapr. Moskva, Transport, 1964. 57 p. (Tekhnika bezopasnosti na avtotransporte)
- VENTSENOSTSEV, I.U.N. [Fundamentals of the theory of lumbering] Osnovy teorii lesopromyshlennykh proizvodstv. Moskva, Lesnaya promyshlennost', 1966. 100 p.
- VESELOVSKII, V.S. [Carbon and graphite structural materials] Ugli'nyye i grafitnyye konstruktivnye materialy. Moskva, Nauka, 1966. 225 p.
- VINOGRADOV, N.V., and I.U.N. VINOGRADOV. [To design and build an electric motor yourself] samomu rasschitat' i sdelat' elektrodvigatel'. Izd. 2., perer. i dop. Moskva, Energiia, 1966. 175 p.
- VISLOUKH, L.A., and others comps. [French-Russian railroad dictionary. 25,000 terms] Frantsuzsko-russkii zheleznodorozhnyi slovar'. 25 000 slov. Pod red. A.G. Faina. Moskva, Sovetskaii tsiklopedii, 1966. 610 p.
- VLASOV, O.E., ed. [Practical problems of thermodynamics in the construction of large-panel buildings] cheskie zadachi stroitel'noi toplotiziki krupnopan-zdani. Moskva, Stroiizdat, 1966. 120 p.
- VOL'BERG, N.E., and I.A. SHVARTS. [Mounting of fugate compressor machines; mounting machines and mechanisms of the chemical industries] Montazh trobeznykh kompressornykh mashin; montazh mekhanizmov khimicheskikh proizvodstv. Moskva, Stroiizdat, No. 1. 1966. 234 p.
- VOLCHANSKII, R.A. [Production of precast reinforced concrete structural elements and parts] Izgotovleniye sbornnykh zhelezobetonnykh konstruktivnykh detalей. 3., perer. i dop. Moskva, Vysshaya shkola, 1966. 348 p.
- VOLKOV, A.P., and L.A. ZHOGOL'. [Color in the interior decoration of industrial buildings] Tsvet v inter'ere promyshlennykh zdani. Kiev, Duvitel'nyk, 1966. 34 p.
- VOROB'EV, A.A., and G.A. VOROB'EV. [Electric puncture and breakdown of solid dielectrics] Elektricheskie probity i razrusheniye tverdykh dielektrikov. Moskva, Vysshaya shkola, 1966. 221 p.

VOROB'EV, B.M., V.V. BRILLIANTOV, and A.P. DMITRIYEV. [Principles of mining and the dressing of minerals] Osnovy gornogo dela i obogashcheniya poleznykh iskopaemykh. Moskva, Nedra, 1966. 484 p.

VSESOIUZNOE SOVESHCANIE PO FERRITAM. 4th, Minsk. [Physical and physicochemical properties of ferrites; materials of the reports] Fizicheskie i fiziko-khimicheskie svoystva ferritov; [materialy dokladov]. Minsk, Nauka i tekhnika, 1966. 352 p.

VSESOIUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT NEFTEKHIMICHESKIKH PROTSESSOV. [Purification of waste waters from fuel manufacturing and petrochemical synthesis] Ochistka stochnykh vod toplivnoi promyshlennosti i neftekhimicheskogo sinteza. Moskva, Khimika, 1965. 121 p.

VYMKOROV, B.M. [Geothermal electric power plants] Geotermal'nye elektrostantsii. Moskva, Energiya, 1966. 110 p. (Biblioteka tekhnika, no. 14)

[WELDING IN CONSTRUCTION] Svarka v stroitel'stve. [By] B.D. Malyshev i dr. Moskva, Stroiizdat, 1966. 558 p.

ZAKHARENKO, I.P., and M.Z. MIL'SHTEIN. [Structural parameters of hard-alloy metal-cutting tools machined with diamond wheels] Konstruktiivnye parametry tverdosplavnogo metallorezhushchego instrumenta, obrabatyvaemogo almaznymi krugami. Pod obshech. red. V.N. Bakutia. Kiev, Tekhnika, 1966. 22 p.

ZAROKHOVICH, A.A. [Multicut planing] Mnogolezvilnoe stroganie. Moskva, Mashinostroyeniye, 1966. 109 p.

ZAVERIUKHA, N.V., L.A. VOLKOV, and A.V. CHECHETKIN. [Steel pourer] Razlivshchik stali. [Moskva] Metallurgiya, 1966. 172 p.

ZHITOMIRSKIY, V.K. [Mechanical vibrations and practice in eliminating them] Mekhanicheskie kolebaniya i praktika ikh ustraneniya. Moskva, Mashinostroyeniye, 1966. 174 p.

ZHUKOVSKAYA, Z.I. [Calculating and designing gas pipelines] Raschet i projektirovaniye magistral'nykh gazoprovodov. Minsk, Nauka i tekhnika, 1966. 211 p.

ZHULAEV, A.ZH., and TS.A. NAZAROV. [Cold weather operation of diversion-hydroelectric power stations on mountain rivers in Kazakhstan] Zimnaya ekspluatatsiya derivatsionnykh GES na gornykh rekakh Kazakhstana. Pod red. V.P. Zakharova. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1963.

ZHURAVLEV, A.M. [Cosmetics industry] Kosmeticheskoe proizvodstvo. Moskva, Pishchevaya promyshlennost', 1966. 231 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

ZOREV, N.N., and Z.M. FETISOVA. [Machining high-melting alloys; based on molybdenum] Obrabotka rezantem tugoplavkikh splavov; na osnove molibdena. Moskva, Mashinostroyeniye, 1966. 224 p.

ZOTOV, B.K. [Aluminum wires, cables and busbars] Aluminiyevye provoda, kabeli i shyny. Moskva, Energiya, 1966. 84 p. (Biblioteka elektromontera, no. 187)

ZYBIN, I.U.P. [Manufacture of leather articles; shoes and their manufacture] Konstruirovaniye izdelii iz kozhi; obuv' i ee konstruirovaniye. Izd. 2. Moskva, Legkaya industriya, 1966. 319 p.

17. MILITARY & NAVAL SCIENCES

ANTONOVICH, S.A. [Dynamic characteristics of the controlled members of marine diesel engines] Dinamicheskie kharakteristiki ob'ektov regulirovaniya sudovykh dizel'nykh ustanovok. Leningrad, Sudostroeniye, 1966. 233 p.

ARISTOV, I.U.K. [Repair of the equipment of dredges] Remont oborudovaniya dnochubitel'nykh suarladov. Moskva, Transport, 1966. 207 p.

BEREZIN, P.F., and others. [Military aviation dictionary] Voenno-aviatsionnyi slovar'. Moskva, Voenizdat, 1966. 472 p.

BREGMAN, V.I. [Solution of problems in ship statics by the use of electronic computers] Reshenie zadach statiki korablia na EVM. Leningrad, Sudostroeniye, 1966. 219 p.

CARTER, WERRALL REED. [Far from bases; material and technological supplying of U.S. warships in the Pacific Ocean during the Second World War. Abridged translation of the author's "Beans, bullets, and black oil"] Vdali ot baz; material'no-tekhnicheskoe obespecheniye VMS SShA na Tikhom okeane v gody Vtoroi mirovoi voyny. Moskva, Voennoe izd-vo, 1965. 274 p. (CS-II)

CHUKOVSKII, V.S., and O.M. PALIL. [Principles of the theory of reliability of ship hulls] Osnovy teorii nadezhnosti sudovykh korpusnykh konstruksii. Leningrad, Izd-vo Sudostroeniye, 1965. 323 p. (CU)

CHUVIKOVSKIY, V.S., O.M. PALIL, and V.E. SPIRO. [Shells of ship structures; new methods of solving linear and nonlinear problems] Obolochki sudovykh konstruksii; novye metody resheniya lineynykh i nelineynykh zadach. Leningrad, Sudostroeniye, 1966. 183 p.

DUBININ, A.I. [Sailing to Antarctica] Plyvaniye v Antarktidu. Moskva, Transport, 1966. 242 p.

GIRS, I.V., A.A. RUSetskii, and I.U. A. NETSVE'AEV. [Testing the seaworthiness of ships] Ispytaniya morekhodnykh kachestv sudov. Leningrad, Sudostroeniye, 1965. 238 p.

GROVES, LESLIE R. [Now it can be told. Translated from the English] Teper' ob etom mozhno rasskazat'. Moskva, Atomizdat, 1964. 299 p. (MU)

IAKOVLEV, V.D. [Soviet Navy] Sovetskii Voenno-Morskoi Flot. Moskva, DOSAAF, 1966. 60 p. (Metodezhi o Vooruzhennykh Silakh)

[IN THE NAME OF LENIN; a brief historical description of the V.I. Lenin Military-Political Academy] Imeni Lenina; kratkii istoricheskii ocherk o Voenno-politicheskoi ordena Lenina Krasnoznamennoi akademii imeni V.I. Lenina. Moskva, Voenizdat, 1966. 252 p.

IOSSEL', I.U.A., E.S. KOCHANOV, and M.G. STRUNSKII. [Problems in the calculation and simulation of the electrochemical protection of ships against corrosion] Voprosy rascheta i modelirovaniya elektrokhimicheskoi antikorroziionnoi zashchity sudov. Leningrad, Sudostroeniye, 1965. 271 p.

KHETAGUROV, M.G. [Auxiliary mechanisms and systems of ships] Sudovye vspomogatel'nye mekhanizmy i sistemy. Izd. 3., perer. i dop. Moskva, Transport, 1966. 375 p. fold. diagr. (insert)

KONOPLIA, P.I., and N.A. MAIKOV. [The tank battalion in combat] Tankovyi batal'on v boiu. Moskva, Voenizdat, 1966. 190 p.

KOZLOV, I.A., and V.S. SHLOMIN. [The Northern Fleet] Severnyi Flot. Moskva, Voenizdat, 1966. 265 p.

KUZNETSOV, V.A., G.I. TSYGANENKO, and V.V. IAKOVLEV. [High-strength cast iron in shipbuilding] Vysokoprochnyi chugun v sudostroyenii. Leningrad, Sudostroeniye, 1965. 113 p.

LIBEFORT, G.B. [Mechanical equipment of high-speed launches] Mekhanicheskie ustanovki lyastrokhodnykh katerov. Leningrad, Sudostroeniye, 1966. 293 p.

MISHCHENKO, I.U.A. [Radar targets] Radiolokatsionnye tseli. Moskva, Voenizdat, 1966. 138 p. (Radiolokatsionnaya tekhnika)

MITSEVICII, A.T. [Ships of the refrigerator fleet] Suda refrizhikatornogo flota. Moskva, Akad. nauk SSSR, In-t nauchnoi informatsii, 1965. 123 p. (Itogi nauki i tekhniki: Sudostroeniye 1965. Seriya "Mashinostroyeniye")

MOCHALOV, V.V. [The big lie about small wars; the bourgeois theory of limited wars] Bol'shaya lozh' o mal'kikh voynakh; o burzhuaznoi teorii ograniichennykh voyn. Moskva, Voennoe izd-vo, 1965. 100 p. (CS-II)

[THE PERM ROCKET REGIMENT] Permskie minometchiki. [Perm] Permskoe kulzhnoe izd-vo, 1964. 139 p. (CS-II)

POPILOV, L.IA. [Electrophysical and electrochemical methods of processing materials in shipbuilding] Elektrofizicheskie i elektrokhimicheskie metody obrabotki materialov v sudostroyenii. Leningrad, Sudostroeniye, 1965. 358 p.

SAVICHEV, G. [There are Magellans in Russia; notes on the circumnavigatory voyages of Soviet atomic submarines] Zhivut magellany v Rossii; zametki o krugosvetnom puvanii sovetskikh atomnykh podvodnykh lodok. Moskva, Izd-vo gazety "Krasnaya zvezda," 1960. 31 p. (Biblioteka "Krasnoi zvezdy," no. 11(101))

SGIBNEV, A.A. [Attention, strategic rocket troops!] Vnimanie, strategicheskie! Moskva, Voenizdat, 1966. 110 p.

SMIRNOV, E.E. [Romantics of the skies; a collection of sketches on aviators and parachute partisans] Romantiki neba; sbornik ocherkov ob aviatorakh i desantnikakh. Moskva, DOSAAF, 1966. 60 p.

TUMM, I.D. [Mechanization and automation in marine transportation] Mekhanizatsiya i avtomatizatsiya na morskoi transporte. Moskva, Transport, 1966. 61 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

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a. SCHOLARLY JOURNALS

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EESTI NSV TEADUSTE AKADEEMIA, Toimetised, Uhiskonnateaduste seria. Izvestiia Akademii nauk Estonskoi SSR, Seriya obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin, Series in the Social Sciences], Tallinn, vol. 15, no. 2, 1966.

IRKUTSK, UNIVERSITET, Trudy [UNIVERSITY, Transactions], Vol. 32, 1963. Seriya iuridicheskaya [Juridical Series], no. 8, pt. 2.
Contents: Pertitsk, V. A. [Problems of local self-government in the U.S.S.R.] Problemy mestnogo samoupravleniya v SSSR. 308 p.

KHARKOV, UNIVERSITET, Uchenye zapiski [UNIVERSITY, Studies], Vol. 140, 1963. Trudy Biologicheskogo fakul'teta po genetike i zoologii [Transactions of the Biology Department of Genetics and Zoology], vol. 38.

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- Savan, I. A., Borisova, Z. U. - Effect of the heat treatment and small bismuth admixtures on the electric conductivity of vitreous arsenic selenides. p. 153.
- Lakubchik, A. I., and others. - Spectral features of the heterogeneous catalytic hydrogenation of polymers as exemplified by sodium - polybutadiene. p. 156.
- LYSTY DO PRYIATELIV. LETTERS TO FRIENDS. Newark, vol. 14, no. 3/4(155-166), 1966.
- OREKHOVO-ZUYEVO. PEDAGOGICHESKH INSTITUT. Uchenye zapiski [PEDAGOGICAL INSTITUTE. Studies]. Moscow, vol. 19, 1962. Contents: [Some methods for increasing the yield of potatoes, cabbage, and tomatoes in sandy-loam soils of the Moscow region] Nekotorye priemy povysheniya urozhainosti kartofolia, kapusty i pomidorov na supeschnykh pochvakh Podmoskov'ia. 74 p. [MICROFILM]
- RIGA, UNIVERSITATE. Uchenye zapiski Latvinskogo gosudarstvennogo universiteta [UNIVERSITY. Studies]. Vol. 57, 1964. Khimii [Chemistry].
- TARTU, ULIKOOL. Toimetised. Uchenye zapiski Tartuskogo gosudarstvennogo universiteta [UNIVERSITY. Studies]. No. 169, 1964.

ULAN-UDE. BURIATSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [BURYAT STATE PEDAGOGICAL INSTITUTE. Studies]. No. 24, 1961. Biology.

- Table of contents translated:
- Starkov, I. A. - Honey plants of Buryatia. p. 3.
- Ignaveva, O. S. - Lake vegetation of the Barguzin Valley as food for water fowl. p. 11.
- Gotskokov, V. G. - Aquatic vegetation of the Setenga Delta lakes. p. 17.
- Bernshelm, V. A., Avdeeva, O. S. - Effect of ultrasonic treatment of seeds on the growth, development, and yield of corn. p. 20.
- Machul'skii, S. N. - Outline of the development of regional parasitology in the Buryat A. S. S. R. p. 35.
- Pronin, N. M. - Coccidia of some bird species of the Barguzin Valley. p. 51.
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- Iushina, M. S. - From practices in the manufacture of visual aids in biology by students. p. 157.

[MICROFILM]

ULAN-UDE. BURIATSKII KOMPLEKSNIY NAUCHNO-ISSLEDOVATELSKII INSTITUT. Trudy [BURYAT SCIENTIFIC RESEARCH INSTITUTE. Transactions]. No. 10, 1962. From the history of the peoples of the Buryat A. S. S. R.

- Table of contents translated:
- Ochirov, T. S. O. - Some problems relating to the study of Buryat history in the light of the decisions of the 23d Congress of the CPSU. p. 3.
- Mitupov, T. S. - Efforts of the party organizations of industrial plants to use the internal potentialities of their enterprises. p. 15.
- Banzhiev, G. L. - Organization and unity of poor peasants in the Buryat A. S. S. R. in 1926-1929. p. 27.
- Klimpnev, P. T. - The cultural development of Buryatia during the October Revolution. p. 30.
- Datsev, V. V. - Efforts of the soviets in the Bulka Lake region to develop local industry in 1910. p. 40.
- Manculov, N. R. - Agrarian policy of the revolutionary government in Buryatia during the period of imperialism. p. 57.
- Zalkind, E. M. - History of the colonization of Transbaikalia by Russian peasants from the 10th to the early 19th century. p. 73.
- Zolotov, A. K. - Heroic deeds of Buryat servicemen in the front-line regions of the Great Patriotic War; documentary materials. p. 84.
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- Khamarov, P. T. - Preamble and anti-famine movements. p. 99.
- Iakhimov, A., Parnikova, M. - Revolutionary organizations of Irkutsk youth. p. 111.
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- TSibikov, B. D. - Tsyben Zhamtsaranov on the 80th anniversary of his birth. p. 121.
- Asalkhanov, I. A. - The estate of I. I. Pirozhkov, a Buryat nobleman, in the second half of the 19th century. p. 141.
- Zalkind, E. M. - "Register of the landed estates of Selenga District." p. 157.
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- Kazantsev, A. I., Khoroshikh, P. P. - Ancient Buryat burial grounds on Ol'khon Island. p. 170.

[MICROFILM]

b. POPULAR MAGAZINES

ANGLIA [ENGLAND]. London, no. 2, 1966.

AZIJA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 9, no. 6, June 1966.

- Table of contents translated:
- Maka, Leon. - Under the banner of social liberation. p. 2.
- Knsalind, D. - Intrigues of the oil kings. p. 4.
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- Table of contents translated:
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BARVINOK [PERIWINKLE]. Issued by Tsentral'nyi komitet Leninsk'kogo kommunisticheskogo soluzu molodi Ukrainy and Respublikansk'ka rada Vsesoluznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and Republic Council of the All-Union Lenin Pioneers]. Kiev, nos. 6-7, June-July 1966.

BELARUS' [WHITE RUSSIA]. Organ of Soluz pis'mennikau BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 23, no. 7(252), July 1966.

BIAROSKA [THE LITTLE BIRCH]. Issued by Tsentral'nyi komitet Leninsk'kogo kommunisticheskogo soluzu molodi Belarusi and Respublikanski Savet planerskai arganizatsii imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 42, nos. 6-7, June-July 1966.

DADZIS [THISTLE]. Riga, no. 11(227), 1966. [In Latvian]

DRUZHINO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrains'kykh trudashchykh Chekhoslovachyiny [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Presov, vol. 16, no. 6(216), June 1966. [In Ukrainian]

KAPKAN; chuvashskii satiricheski zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, nos. 10 (490)-13(502), May-July 1966. [In Chuvash]

KHORPUSHTAK [HEDGEHOG]. Dushanbe, nos. 9(160)-11(162), May-June 1966. [In Tajik]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Publishing House for Literature in Foreign Languages]. Peking, no. 6, 1966.

KOREIA [KOREA]. Pyongyang, nos. 5(118)-8(121), 1966.

KOSTER [CAMPFIRE]. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzu melodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, nos. 6-7, June-July 1966.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda," Moscow, vol. 45, nos. 16(1810)-19(1813), June-July 1966.

KRYLATI [THE WINGED ONES]. Issued by Tsentral'na uprava SUM [Central Committee of the Ukrainian Youth Association]. New York, vol. 2, nos. 11-12, Nov.-Dec. 1964; vol. 3, no. 3, Mar. 1965; vol. 4, nos. 2-3, 5-6/7, Feb.-Mar., May-July 1966.

KULTURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soluz sovetskikh obshchestv druzhby i kul'turnoi svyazi s zarubezhnyimi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 10, no. 7, 1966.

KULTUROS BARAI [LANDMARKS OF CULTURE]. Issued by LTSR Kulturos ministerija [Ministry of Culture of the Lithuanian S. S. R.]. Vilnius, nos. 1-3(15), 5(17)-6(18), 1966. [In Lithuanian]

KULTUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministerium and Eesti NSV Ametiuhingute Nõukogu [Ministry of Culture of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tallinn, vol. 6, nos. 6-7, June-July 1966. [In Estonian]

LIESMA [FLAME]. Issued by Latvijas LKJS Centrālā komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, no. 6(99), June 1966. [In Latvian]

MEDENIET ZHENE TURMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.]. Alma-Ata, nos. 5(95)-6(96), May-June 1966. [In Kazakh]

MOKSLEIVIS [THE STUDENT]. Issued by Lietuvos Lenino komjaunimo sąjungos Centro komitetas and LTSR Švietimo ministerija [Central Committee of the Lenin Communist Youth League of Lithuania and the Ministry of Education of the Lithuanian S. S. R.]. Vilnius, no. 5(63), May 1966. [In Lithuanian]

MURZILKA. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzu melodezhi and Tsentral'nyi soviet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 6, June 1966.

NIVA [FIELDS OF GRAIN]. Moscow, no. 6, 1966.

NOORUS [YOUTH]. Issued by Eesti Maa Leninliku Kommunistliku Noorsooühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, vol. 21, no. 6(236), June 1966. [In Estonian]

NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Foreign-Language Publishing House]. Pyongyang, nos. 5(218), 7(220), 1966.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 44, nos. 26(2035)-27(2036), June-July 1966.

PACHEMYSH [WASP]. Ioshkar-Ola, nos. 1(109)-7(115), Jan.-July 1966.

PILT JA SONA [PICTURE AND WORD]. Tallinn, vol. 21, no. 6(241), June 1966. [In Estonian]

PIONEER [PIONEER]. Issued by ELKNU Keskkomitee and Eesti NSV Pioneerilorganisatsioon Nõukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S. S. R.]. Tallinn, vol. 24, no. 3(281), Mar. 1968. [In Estonian]

PIONER [PIONEER]. Issued by Central Committee of the Turkmenistan Communist Youth League of Lenin, Ashkhabad, no. 3, May 1966. [In Turkmen]

PIONER [PIONEER]. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzha molodezhi and Tsentral'nyi sovet Vsesoluznogo pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 43, nos. 6-7, June-July 1966.

POL'SHA [POLAND]. Warsaw, no. 7(143), 1966.

RANOK [MORNING]. Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, vol. 14, no. 6(158), June 1966.

RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., nos. 146-149, July-Aug. 1966.

SHMEL' [BUMBLEBEE]. Alma-Ata, vol. 11, no. 5(125), June 1966. [In Kazakh]

SKYNTIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin, Kishinev, vol. 36, no. 6, June 1966. [In Moldavian]

SLUOTA [THE BROOM]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 9(280), 11(282), May, June 1966. [In Lithuanian]

SOTSIALISTYCHNA KULTURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, nos. 6-7, June-July 1966.

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, no. 8(198), 1966.

SOVREMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 10, no. 5(100), May 1966.

SVODODNOE SLOVO; exhemesiachnyi karpato-russkii zhurnal [FREE WORD; Carpatho-Russian Monthly]. Newark, vol. 7, no. 5/6(77-78), 1965; vol. 8, no. 3/4(87-88), 1966.

SVYTURY [THE LIGHTHOUSE]. Vilnius, vol. 18, nos. 9(417)-11(419), May-June 1966. [In Lithuanian]

TANEKE [THE LITTLE STAR]. Issued by ELKNU Keskkomitee and ENSV Pioneerorganisatsioon Nourkogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S.S.R.]. Tallinn, no. 11, 1965. [In Estonian]

TURIST [TOURIST]. Issued by VTsSPS [All-Union Central Council of Trade Unions]. Moscow, vol. 1, nos. 1-5, 1966.

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 26, nos. 25(493)-27(495), June-July 1966.

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelente Soluzha pisateloi and Sverdlovskie promyshlennyi i sel'skii obkomy VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 9, no. 5, May 1966.

UZBEKISTON [UZBEKISTAN]. Tashkent, vol. 25, no. 5(293), May 1966.

V'ETNAM [VIETNAM]. Hanoi, Vietnam, no. 3(102), 1966.

VOPROSY I OTVETY [QUESTIONS AND ANSWERS]. Moscow, nos. 5(186)-6(187), May-June 1966.

VOZHATYI [PIONEER GUIDE]. Published by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzha molodezhi and Tsentral'nyi sovet Vsesoluznogo pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 42, no. 6, June 1966.

VOZHNYK [HEDGEHOG]. Minsk, vol. 26, nos. 10(632), 12(634), May-June 1966.

VYZVOL'NYI SHLIKH [LIBERATION PATH]. London, vol. 13(19), no. 7/8(220-221), July-Aug. 1966.

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo glukhih [All-Russian Society of the Deaf]. Moscow, vol. 19, nos. 5-6, May-June 1966.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of Vserossiiskoe obshchestvo slepykh [All-Russian Society of the Blind]. Moscow, vol. 43, no. 6, June 1966.

ZVAIGZNE [THE STAR]. Riga, vol. 10, nos. 10(380)-13(383), May-July 1966. [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 25-26, 1966.
Dopolnitel'nyi vypusk [Supplementary Issue], nos. 4-5, 1966.

LATVIJAS PSR PRESES HRONIKA. LETOPIS' PECHATI LATVISKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.]. Issued by Latvijas PSR gramatu palata [Book Chamber of the Latvian S.S.R.]. Riga, no. 3, Mar. 1966.

LETAPIS DRUKU BSSR. LETOPIS' PECHATI BSSR [CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S.S.R.]. Issued by Dzakharumala biblioteka BSSR and Knizhnaya palata BSSR [State Library of the White Russian S.S.R. and the Book Chamber of the White Russian S.S.R.]. Minsk, nos. 10-11, Oct.-Nov. 1965; no. 2, Feb. 1966.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, Vspomogatel'nye ukazatel'i k nos. 1-3 za 1966 g. [Indexes to nos. 1-3 for 1966]

LETOPIS' PECHATI MOLDAVSKOI SSR [CHRONICLE OF THE PUBLICATIONS OF THE MOLDAVIAN S.S.R.]. Issued by Knizhnaya palata [Book Chamber]. Kishinev, nos. 1-2, Jan.-June 1966.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 21, 23-24, 26, 1966.

NAUJOS KNYGOS [NEW BOOKS]. Vilnius, no. 3(45), May-June 1966. [In Lithuanian]

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATELSKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1966.

NOVAIA LITERATURA PO BOLGARI [NEW LITERATURE ON BULGARIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R. and others]. Moscow, no. 5, 1966.

NOVAIA LITERATURA PO GERMANSKOI DEMOKRATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R. and others]. Moscow, no. 5, 1966.

NOVAIA LITERATURA PO YUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R. and others]. Moscow, no. 5, 1966.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R. and others]. Moscow, no. 5, 1966.

NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON RUMANIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R. and others]. Moscow, no. 5, 1966.

NOVAIA LITERATURA PO VENGRII [NEW LITERATURE ON HUNGARY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R. and others]. Moscow, no. 5, 1966.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM AZII I AFRIKI [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R. and others]. Moscow, no. 5, 1966.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATELSKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1966.

NOVYE KNIGI SSSR [NEW BOOKS OF THE U.S.S.R.]. Issued by Vsesoluzhnoe obshchestvo "Mezhdunarodnaya kniga" [All-Union Association "International Book"]. Moscow, nos. 26-27, June-July 1966.

NOVYE KNIGI ZA RUBEZHOM. Seriya V: Biologiya, meditsina, sel'skoe khoziazstvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 10, no. 6, June 1966.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filozofiya, istoriya, mezhdunarodnye otnosheniya [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES; Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 6, June 1966.

RAAMATUKROONIKA. KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Tallinn, vol. 3, July-Sep. 1965.

SOVETSKAIA BIBLIOGRAFIYA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 2(96), 1966.

Table of contents translated:
Fomotov, G. P. - Facing the new problems. p. 3.
Kondakov, I. P. - Bibliography of recommended books under present-day conditions. p. 16.
Chabarian, O. S. - Bibliography of recommended books and the guidance of reading. p. 21.
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BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 43, no. 6, June 1966.

Table of contents translated:
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BIBLIOTEKI SSSR [LIBRARIES OF THE U.S.S.R.]. Issued by Gosudarstvennaya biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 30, 1965.

Table of contents translated:
Voronova, T. V. - Studying the requirements of readers in large scientific libraries. p. 3.
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c. PRINTING & THE BOOK TRADE

KNIGA; issledovaniya i materialy [THE BOOK; Studies and Papers]. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, vol. 10, 1965.

Table of contents translated:
Bogoliubov, K. M. - For the further development of the work of publishing houses. p. 5.
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KNIZHNAIA TORGOVLYA [BOOK TRADE]. Issued by Komitet po pechatu pri Sovete Ministrov SSSR and Tsentral'nyi soluz potrebitel'skikh obshchestv SSSR [Committee for Printing, Attached to the Council of Ministers of the U.S.S.R. and the Central Union of Consumer Societies of the U.S.S.R.]. Moscow, vol. 17, no. 6, June 1966.

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RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Soluzpechati Ministerstva svyazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, no. 6, 1966.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 5, 1966.

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1966.

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- Table of contents translated:
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- NOVAIA LITERATURA PO OBSSHCHIM PROBLEMAM EVROPEISKIKH SOTSIALISTICHESKIKH STRAN [NEW LITERATURE ON THE GENERAL PROBLEMS OF THE EUROPEAN SOCIALIST COUNTRIES].** Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 5, 1966.
- NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFI [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY].** Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1966.
- OBSSHCHESTVO RUSSKIKH VETERANOV VELIKOI VOINY, San Francisco. Vestnik [SOCIETY OF RUSSIAN VETERANS OF THE GREAT WAR, Herald].** San Francisco, no. 231, July 1965.
- RIGA, UNIVERSITATE, Zinatniskie raksti, Uchonye zapiski Latvyskogo gosudarstvennogo universiteta [UNIVERSITY, Studies].** Vol. 61, 1965. Vestures zinatnes. Istorieskie nauki [Historical Sciences], no. 4.
- TASHKENT, UNIVERSITET, Nauchnye trudy [UNIVERSITY, Studies].** No. 227, 1963. Istorieskie nauki [Historical Sciences], no. 46.
- Contents: Gentshko, L.V. [Patronage aid of the workers of Uzbekistan to the kishlak, 1924-1930] Shefavo rabochikh Uzbekistana nad kishlakom, 1924-1930 gg. 151 p.
- VOPROSY ISTORII [PROBLEMS OF HISTORY].** Issued by Otdelenie istorii Akademii nauk SSSR and Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Department of History of the Academy of Sciences of the U.S.S.R. and the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 41, no. 6, June 1966.
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- b. ARCHAEOLOGY & ANTIQUITIES**
- ARKHEOLOGIIA [ARCHAEOLOGY].** Issued by Institut arkheologii Akademii nauk Ukrainy [Institute of Archaeology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 19, 1965.
- Table of contents translated:
- Zakharuk, I.U.M. - New construction projects and the development of archaeological studies in the Ukraine. p. 4.
- Kolosov, I.U.II. - Process of the population of the Yayla Mountain region in the Crimea during the Stone Age. p. 14.
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5. SOCIAL SCIENCES

a. COMMERCE

BIULETEN' INOSTANNOI KOMMERCHESKOI INFORMATSII [BULLETIN OF FOREIGN COMMERCIAL INFORMATION; Supplement]. Issued by Nauchno-issledovatel'skii kon'funkturalnyi institut [Scientific Research Institute of Economic Trends]. Moscow, no. 5, July 1968.

- Table of contents translated:
- Tiul'pakova, I. U. A. - Organization and regulation of the foreign trade of the Republic of Guinea. p. 1.
- Baryshnikov, V. F. - The manufacturing industry of Kenya, Uganda, and the United Republic of Tanzania. p. 15.

KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]. Issued by Soluz potrebitel'skikh obshchestv Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S.S.R.]. Alma-Ata, vol. 9, nos. 5-6, May-June 1968.

NOVYE TOVARY; informatsionnyi biulleten' [NEW CONSUMER GOODS; Information Bulletin]. Moscow, no. 5, 1968.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po trgovle [State Committee of the Council of Ministers of the U.S.S.R. for Commerce]. Moscow, vol. 39, no. 6, June 1968.

- Table of contents translated:
- Editorial: Work program of the five-year plan. p. 1.
- Zotov, V. - For further increase in the production of food products. p. 5.
- Marchenko, I. - Local industry contributes to trade. p. 9.
- Kokorev, V. - Some problems of the material and technical base. p. 14.
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- Shimanskii, V. - Notes on trade in Yugoslavia. p. 47.
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TORGOVLIA ZA RUBEZHOM [TRADE ABROAD]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po trgovle [State Committee of the Council of Ministers of the U.S.S.R. for Trade]. Moscow, nos. 2, 6, 1968.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vnesheii trgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 46, no. 6, 1968.

- Table of contents translated:
- Andreev, I. - The U.S.S.R. is the largest exporter of machinery and equipment. p. 3.
- Ioffe, L., Gol'dina, I. - Turbines of the new five-year plan. p. 10.
- Goncharov, V. - What is new in the S.M. Kirov Plant. p. 12.
- Levonian, Kh. - With the "Armektrozavod" trademark. p. 14.
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- Popov, K. - Methods of measuring the efficiency of foreign trade. p. 20.
- Communiqué. p. 28.
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- Announcements. p. 58.

ZAKUPKI SEL'SKOKHOZIAISTVENNYKH PRODUKTOV [PURCHASES OF AGRICULTURAL PRODUCTS]. Issued by Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee of Procurements of the Council of Ministers of the U.S.S.R.]. Moscow, no. 5, May 1968.

- Table of contents translated:
- There is a great deal of work ahead. p. 1.
- Davydov, M. E. - Fuller, more thoroughly, better! p. 4.
- Platonov, A. - New frontiers of cereal product enterprises. p. 7.
- Sudakov, P. - Rye: Increase its production and procurement. p. 10.
- Nikitichenko, A. - Forward contractual agreement and sale above the plan. p. 12.
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- Orlov, M. - Comb foundation. Where to get it? p. 46.
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- Marshall, M. - Leafy vegetables. p. 63.

b. ECONOMICS

EKONOMICHESKAIA GEOGRAFIIA [ECONOMIC GEOGRAPHY]. Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.]. Khar'kov, no. 2 1968. The Southwestern Economic Region.

- Table of contents translated:
- From the editorial board. p. 3.
- Ignatenko, N. G., Dagaeva, T. K. - Regionalization of the chemical industry in the Carpathian provinces of the Ukrainian S.S.R. p. 5.
- Zastavnyi, F. D. - Some problems in the method of branch regionalization; based on the example of the fuel industry. p. 14.

- Densluk, L. M. - Characteristics of distribution and the structure of urban population in the Southwestern Economic Region. p. 23.
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- Iskovskaya, E. A. - Characteristics of the migration of the population of the Ukrainian S.S.R. p. 38.
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- Zastavnyi, F. D. - Valuable study on the distribution of industry. p. 155.

EKONOMIKA NEFTEDOPYVAUSHCHEI PROMYSHLENNOSTI [ECONOMICS OF PETROLEUM PRODUCTION]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii, upravleniia i ekonomiki neftegazovoi promyshlennosti [All-Union Scientific Research Institute of the Organization, Management, and Economics of the Petroleum and Natural Gas Industry]. Moscow, no. 1, 1968.

- Table of contents translated:
- Shashin, V. D. - The petroleum production industry in the new five-year period. p. 3.
- Levin, S. M. - Preparation of petroleum production industry enterprises for a transfer to the new system of planning. p. 7.
- Kashitskii, I. A. - Main trends in the improvement of the wholesale prices for petroleum. p. 10.
- Kozyrev, V. M. - Fixed payments as a necessary element of price determination in the petroleum production industry of the U.S.S.R. p. 15.
- Kozlov, P. T., Dorozovskii, M. B. - Evaluation of the time factor in determining the economic efficiency of prospecting for gas and oil. p. 18.
- Troitskii, V. I., Plotin', S. G., Selikhova, E. K. - New plan indices of oil and gas well drilling and their test verification. p. 23.
- Vainer, I. L. - The Fourth Congress of the Scientific and Technical Society of the Petroleum and Gas Industry. p. 20.
- Mordvin, L. N. - Meeting of the Economics Section of the Central Administration of the Scientific and Technical Society of the Petroleum and Gas Industry on the survey of the main trends in the development of the petroleum and gas industry in 1968-1970. p. 27.
- Shlikhter, S. B. - On the development of pipeline transport in capitalist countries. p. 29.

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- Table of contents translated:
- Mordvin, L. N., Levin, S. M. - Directives of the 23d Congress of the CPSU on the petroleum production industry. p. 3.
- Sheln, V. A., Zubkov, M. M. - Efficiency of using diamond bits for the drilling of deep wells. p. 6.
- Katuslov, G. D., Egorov, V. I. - Selection of a criterion for the optimization of drilling regimes. p. 11.
- Syromiatnikov, E. S., Porehik, A. I. - Some indices of the economic evaluation of the new drilling equipment. p. 13.
- Bilnova, N. G. - Economic evaluation of drilling methods in developing the West Siberian oil fields. p. 16.
- Lerner, B. M., Egorov, V. I. - Ways of improving planning for the drilling cycle index. p. 18.
- Taglov, E. I., and others. - Economic efficiency of the rotary percussion drilling in Bashkiria. p. 22.

- Kashnitskii, L. A., Vasil'eva, V. K. - Method for compelling the cost of casinghead gas. p. 26.
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- Atakhverdiev, T. A., Ishkhanov, A. G. - Selecting optimal variants for the distribution of the pipeline system of intake wells. p. 32.
- Gladil'mov, B. N., and others. - Some problems of the economics of work and the development of the petroleum transport of the U.S.S.R. in 1958-1964. p. 35.
- Pomtinov, V. F. - Prospects for extracting oil from bituminous shales. p. 40.
- EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE].** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 41, no. 5, May 1966.
- Table of contents translated:
- Makkevich, V. - Agriculture must have high, steady rates of development. p. 2.
- Lobanov, P. - Tasks of agricultural science in the five-year plan. p. 15.
- Novikov, M. - Strengthen the material and technical foundation of collective and state farms. p. 24.
- Alekseevskii, E. - Program for land improvement work. p. 38.
- Korniets, L. - Organization of the procurement of agricultural products in a nationwide business. p. 48.
- Khoroshilov, I. - Increasing grain production is a decisive condition for the upsurge of the entire agriculture. p. 56.
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- Makenko, M., Tikhonov, V. - Ways of increasing labor productivity in agriculture. p. 77.
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- Vorkunov, S. - Narrowing the difference in the living conditions in the city and village. p. 83.
- Isaenko, N. - Every collective and state farm should have a plan for its organization and management. p. 100.
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- EKONOMIKA SOVETSKOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE].** Issued by Gosplan Soveta Ministrov Ukrainy SSSR and Institut ekonomiki Akademii nauk USSR [State Planning Commission of the Council of Ministers of the Ukrainian S.S.R. and the Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 9, nos. 4-5, Apr.-May 1966.
- LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MORSKOGO FLOTA.** Sbornik materialov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Materials]. No. 147, 1965. Uslovia kommerscheskoi ekspluatatsii morskogo flota v zagranichnom plovani [Conditions for the Commercial Operation of the Merchant Marine in Foreign Waters], no. 24.
- Contents: Regulations, customs and practices in Swedish sea ports; Pravila, obychai i praktika morskikh portov Svietskii. Pt. 4. 90 p.
- No. 148, 1965. Uslovia kommerscheskoi ekspluatatsii morskogo flota v zagranichnom plovani [Conditions for the Commercial Operation of the Merchant Marine in Foreign Waters], no. 26.
- Contents: Regulations, customs and practices of Swedish sea ports; Pravila, obychai i praktika morskikh portov Svietskii. Pt. 5. 71 p.
- LIAUDIES UKIS [THE NATIONAL ECONOMY].** Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S.S.R.] and others, Vilnius, nos. 6(92)-7(93), June-July 1966, [in Lithuanian].
- MIROVAIA EKONOMIKA I MEZHUNARODNYE OTNOSHENIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS].** Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, 1966.
- Table of contents translated:
- Marlin, M. - Socialist internationalism and the policy of militant imperialism. p. 3.
- Leonov, L. - The world capitalist economic system before the judgment of history. p. 10.
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- Rykanov, N. - Industrial production of capitalist and developing countries. p. 153.
- MOSCOW, INSTITUT NARODNOGO KHOZIAISTVA.** Trudy [INSTITUTE OF THE NATIONAL ECONOMY. Transactions]. No. 28, 1965. Problems of labor productivity and national consumption during the period of the large-scale building of communism.
- Table of contents translated:
- Golupkova, N. D. - Redistribution of labor force from agriculture to nonagricultural branches during the period of the large-scale building of communism. p. 3.
- Kolitskov, I. A. Sh. - Economic significance of improving the quality of production during the large-scale building of communism. p. 17.
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- Vladova, N. V. - Growth of labor productivity in the industry of the European socialist countries. p. 108.
- NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA].** Issued by Gosplan Armianskoi SSR and Institut ekonomiki Akademii nauk Armianskoi SSR [State Planning Committee of the Armenian S.S.R. and the Institute of Economics of the Academy of Sciences of the Armenian S.S.R.], Erikan, nos. 5-6, 1966.
- NASHE ZHYTTIA, OUR LIFE.** Issued by Soluz ukrainok Ameriky [Ukrainian National Women's League of America, Inc.], Philadelphia, vol. 23, no. 3, 5, Mar., May 1966.
- NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE].** Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others, Moscow, no. 5, 1966.
- NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE].** Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 4-5, 1966.
- PLANOVOE KHOZIAISTVO [PLANNED ECONOMY].** Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.], Moscow, vol. 43, no. 6, June 1966.
- Table of contents translated:
- Tolkachev, A. - Efficiency of productive work. p. 1.
- Kedrova, K. - Technological progress and material self-interest. p. 10.
- Shvarts, V. - Problems in the development of the food industry. p. 19.
- Rakhlin, I., Andreitsev, D. - Secondary polymers in the national economy. p. 24.
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- Vol. 43, no. 7, July 1966.
- Table of contents translated:
- Lebedev, V. - Development of machinery manufacturing in the five-year plan. p. 1.
- Rakovskii, E. - Technological progress and the time factor. p. 14.
- Shipunov, V. - Improve the system of the training of the labor force. p. 20.
- Matveev, S. - Prospects for the development of the automobile industry in the new five-year period. p. 26.
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- In the Research Institute of Economics attached to the State Planning Commission of the U.S.S.R. p. 94.
- REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.
- RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie vychislitel'nykh rabot.** Sbornik informatsionnykh materialov [Main Administration of Computational Work. Information Materials]. Moscow, no. 3, 1965. Mechanization of accounting, reporting, and computing work.
- Table of contents translated:
- Magidel, L. - Organization of accounting in the Lugansk Diesel Locomotive Plant. p. 3.
- Veles'ko, E., Khollashov, E. - Compilation of consolidated balances by agencies with the aid of the "Minsk-2" electronic computer. p. 13.
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- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia.** Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]. Moscow, vol. 9, no. 3, 1966.
- Table of contents translated:
- The 23d Congress of the CPSU and the tasks of economic science. p. 3.
- Medvedev, V. - National economic efficiency and socialist profitability. p. 6.
- Glagolov, V. - Proportions of industrial development in the new five-year plan. p. 16.
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SBORNIK PRAVIL PEREVOZOK I TARIFOV ZHELEZ-NODOROZHNOGO TRANSPORTA SSSR [REGULATIONS GOVERNING RAILROAD TRANSPORTATION AND RATES IN THE U.S.S.R.], Issued by Ministerstvo putei soobshcheniya SSSR [Ministry of Railroad Transportation of the U.S.S.R.], Moscow, no. 2, Nov. 1964; no. 5, Jan.; no. 8, Mar.; no. 13, July; nos. 14-15, Aug.; no. 11, Oct.; nos. 22-23, 26-29, Nov.; nos. 24-25, 30, Dec. 1965.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS], Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 23, no. 6, June 1966.

VESTNIK STATISTIKI [STATISTICAL REVIEW], Organ of Tsentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.], Moscow, no. 6, 1966.

- Table of contents translated:
 Vertilukhin, N. - Important means for improving the efficiency of production. p. 3.
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- Table of contents translated:
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VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS].

Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.

- Table of contents translated:
 Shkurko, S. - Some problems of the incentive fund formation in enterprises. p. 3.
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c. FINANCE

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- Table of contents translated:
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FINANSY SSSR [FINANCE OF THE U.S.S.R.], Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.], Moscow, vol. 40, no. 5, May 1966.

- Table of contents translated:
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- Table of contents translated:
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 In the Collection of the Ministry of Finance of the U.S.S.R. p. 95.

d. LABOR

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda," Moscow, no. 6, June 1966.

RABOTNITSA I SIALANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by Tsentral'nyy Komitet Kommunisticheskoy partii Belarussi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 42, no. 6, June 1966.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, vol. 11, no. 6, June 1966.

Table of contents translated:

Editorial: Economic reform expands its scope. p. 3.
 Economic reform in an enterprise: preparation, calculation, putting into practice, and the organization of the bonus system.
 Fet'dman, M., Zhironkin, K. - Practice of the Voskresensk Chemical Combine. p. 11.
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SOVETSKIE PROFSOJUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 22, no. 10(340), May 1966.

Table of contents translated:

Editorial: Let us realize the decisions of the party congress. p. 1.
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 Shecheglov, G. - Ascent. p. 11.
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Vol. 22, no. 11(341), June 1966.

Table of contents translated:

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 Karpov, I. A. - Great life for little city. p. 11.
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 Lysalo, I. - Red Guards of 1917. p. 24.
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 Parshina, N. - Each one is in sight of everybody. p. 28.
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Vol. 22, no. 12(342), June 1966.

Table of contents translated:

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 What breeds complaints. p. 22.
 This is how the heroes fought. p. 24.
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 Kuprianov, V. - On the agenda is unity of action. p. 34.
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Vol. 22, no. 13(343), July 1966.

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 Let us transform the face of our earth. p. 2.
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 Gilev, I. - The five-year plan is to be carried out by us. p. 6.

Gridin, S., Polynia, Vik. - Training and traditions. p. 8.
 Kostina, G. - Profit depends on us. p. 11.
 Karpov, I. A. - Work and needs of a "forest workshop." p. 13.
 Extend to Tashkent the fraternal help of the entire country. p. 14.
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 Nikitin, M. - Encouragement through the ruble. p. 18.
 Lukina, I. - The sower. p. 19.
 Kotlar, A. - Ships are going out to sea. p. 21.
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 For those who are going for a cure. p. 42.
 What is new in the handling of labor passports. p. 44.

VSEMIRONOE PROFSOJUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaya federatsiya profsoluzov [World Federation of Trade Union]. Moscow, no. 3, May 1966.

Table of contents translated:

Saltan, Louis. - Editorial: Cold war, polemic or dialogues. p. 1.
 Galli, Pio. - Struggle of Italian metalworkers for collective agreements. p. 3.
 Dyer, John. - Lessons of a victory. p. 6.
 Altman, Philis. - Verwoerd "justice" in the service of the employers. p. 9.
 For the trade-union freedom in Spain. p. 11.
 L. B. - The tenth anniversary of the General Confederation of Algerian Workers. p. 13.
 Vietnam is in our hearts; a photomontage. p. 16.
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 Duguet, Victorin. - Crisis in the coal mining industry. p. 21.
 Ghisio, Gioacchino. - What is new in the Italian village. p. 24.
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 Memorandum of the World Federation of Trade Unions to the Chairman of the 18-State Committee on Disarmament. p. 32.
 On the development of workers' struggle for the satisfaction of demands in capitalist countries. p. 35.
 Louis Saltan on the petition of the government of the Democratic Republic of Germany for admission to the U.N. p. 35.
 Joint communique of the World Federation of Trade Unions and the General Council of Japanese Trade Unions. p. 38.

VSESOLUZYNYI TSENTRAL'NYI SOVET PROFESSIONAL'NYKH SOLUZOY. Sbornik postanovlenii [ALL-UNION CENTRAL COUNCIL OF TRADE UNIONS, Decisions]. Moscow, July-Sep. 1965.

e. SOCIOLOGY

AZERBAICHAN GADYNY [AZERBAIJAN WOMAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoy partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, nos. 4-5, Apr.-May 1966. [In Azerbaijani]

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RADIANS'KA ZHINKA [SOVIET WOMAN]. Kiev, vol. 21, no. 6(246), June 1966.

SMENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzha molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 43, nos. 12(938)-13(939), June-July 1966.

SOVET TURKMENISTANYN AIALARY [SOVIET TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, no. 5(155), May 1966. [In Turkmen]

SOVETSKAYA ZHENSCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshechin i Vsesoluznyi Tsentral'nyi Sovet Professional'nykh Soluzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol. 22, no. 8, 1966.

SOVETSKII KRASNYY KREST [SOVIET RED CROSS]. Organ of Ispolnitel'nyi komitet Soluzha obshchestv Krasnogo kresta i Krasnogo polumeslatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.]. Moscow, no. 3(87), May-June 1966.

6. POLITICAL SCIENCE

AGITATOR. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soluzha [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 8, Apr. 1964.

Table of contents translated:
Editorial: The course of the CPSU is the course of Lenin, p. 2.
The years of great achievements; industry, construction, transportation, p. 10.
Bochkina, A. - Miracle by the marvelous mountains, p. 11.
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BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Kurskogo obkoma KPSS [Propaganda and Dissemination Section of the Kursk Province Committee of the CPSU]. Kursk, no. 23, Dec. 1965; nos. 2, 5, Jan., Mar. 1966.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Leningradskogo obkoma KPSS [Propaganda and Dissemination Sections of the Leningrad Province Committee and the Leningrad City Committee of the Communist Party of the Soviet Union]. Leningrad, nos. 25, 27, Sep. 1965; nos. 8-9, 12-13, 17, Mar.-June 1966.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Rostovskogo obkoma Kommunisticheskoi partii Sovetskogo Soluzha [Propaganda and Dissemination Section of the Rostov Province Committee of the Communist Party of the Soviet Union]. Rostov-on-Don, nos. 23(429)-24(430), Dec. 1965; nos. 5(435), 7(437), Mar.-Apr. 1966.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Belorussii [Propaganda and Dissemination Section of the Central Committee of the Communist Party of White Russia]. Minsk, nos. 4-5, 7, 9-10, Feb.-May 1966.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Kazakhstana [Propaganda and Dissemination Section of the Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 3, Feb. 1966.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Vidil' propagandy i agitatsii Tsentral'nogo Komiteta Komunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 24, nos. 8-9, Apr.-May 1966. [In Ukrainian]

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eesti Maas Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 22, no. 6, June 1966. [In Estonian]

KAZAKHSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 45, no. 8, June 1966. [In Kazakh]

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 49, nos. 6(504)-7(505), June-July 1966.

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soluzha [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 43, no. 8, June 1966.

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KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 40, no. 8, June 1966.

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KOMMUNIST MOLDAVIA [COMMUNIST OF MOLDAVIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol.11, no.6, June 1966.

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KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol.33, no.6, June 1966.

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KOMUNISTAS [COMMUNIST]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no.6(504), June 1966. [In Lithuanian]

LENINIAN UGIUV [LENIN'S WAY]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erivan, no.5, May 1966. [In Armenian]

MEZH DUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoluznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol.13, no.6, 1966.

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PARTHA TURMUSHI [PARTY LIFE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no. 6, June 1966. [In Uzbek]

PARTINAIA ZHIZN' [PARTY LIFE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 13, July 1966.

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SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by the Newspaper "Izvestia." Moscow, no. 7(109), July 1966.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 41, no. 8, 1966. [In Turkmen]

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 38, nos. 5-8, May-June 1966. [In Uzbek]

VIL'NA UKRAINA [FREE UKRAINE]. Issued by Ukrain's'ka vil'na hromada v Amerytsi [Ukrainian Free Society of America]. New York, nos. 45, 47, 1966; no. 50, 1968.

VISNYK, THE HERALD. Organ of Organizatsiia oborony cholyr'okh svobod Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol. 20, no. 6(208), June 1968.

VOPROSY ISTORII KPSS [PROBLEMS IN THE HISTORY OF THE CPSU]. Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU]. Moscow, vol. 10, no. 7, July 1966.

- Table of contents translated:
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- Table of contents translated:
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LATVIAN S.S.R. Augstaka Padome. Zinotajs [Supreme Soviet. Gazette]. Riga, vol. 23, no. 17(2100), Apr. 1966.

LITHUANIAN S.S.R. Lietuvos Tarybu Socialistines Respublikos Auksciausiosios Tarybos ir Vyriausybes ziotis [Gazette of the Supreme Soviet and the Government of the Lithuanian S.S.R.]. Vilnius, nos. 8-13, Mar.-June 1966. [In Lithuanian]

LITHUANIAN S.S.R. Vedomosti Verkhovnoho Soveta i Pravito'stva Litovskoi Sovetskoi Sotsialisticheskoi Respubliki [Gazette of the Supreme Soviet and the Government of the Lithuanian S.S.R.]. Vilnius, nos. 8-11, 13, Mar.-May 1966.

MOSCOW, UNIVERSITET. Vestnik. Seriya 12: Pravo [UNIVERSITY. Review. Series 12: Law]. Vol. 21, no. 1, Jan.-Feb. 1966.

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MOSCOW. VSESOIUZNYI NAUCHNO-ISSEDOVATELSKII INSTITUT SOVETSKOGO ZAKONODATEL'STVA. Uchenye zapiski [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF SOVIET LEGISLATION. Studies]. No. 5, 1965. Problems of the revision of laws on administrative liability.

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RIGA. UNIVERSITATE. Zinatiskie raksti. Uchenye zapiski [Latvian State University. Studies]. Vol. 70, 1965. Juridiskas zinatnes. Juridiskie raksti [Juridical Sciences].

RUSSIA (1917- R. S. F. S. R.) Vorkhovnyi Sovet. Verbovaniye [Supreme Soviet. Gazette]. Moscow, vol. 10, nos. 24(402)-26(404), 28(406), June-July 1966.

RUSSIA (1917- R. S. F. S. R.) Vorkhovnyi Sud, Bulletin [Supreme Court. Bulletin]. Moscow, no. 7, 1966.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Bulletin [State Committee on Problems of Labor and Wages. Bulletin]. Moscow, no. 6, 1966.

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KAZAKHSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol. 41, no. 5, May 1966. [In Kazakh]

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.], Moscow, vol. 27, no. 6, June 1966.

LITERATURA PO PEDAGOGICHESKIM NAUKAM I NAODNOMU OBRAZOVANIU [LITERATURE ON THE PEDAGOGICAL SCIENCES AND PUBLIC EDUCATION]. Issued by Gosudarstvennaia biblioteka po narodnomu obrazovaniiu [State Library of Public Education]. Moscow, no. 1(58), 1965.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo osvity BSSR [Ministry of Education of the White Russian S.S.R.], Minsk, no. 6, June 1966.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, no. 6, June 1966.

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SKOLA UN GIMENE [SCHOOL AND FAMILY]. Issued by LPSR izglitiba ministrija [Ministry of Education of the Latvian S.S.R.], Riga, no. 6(30), June 1966. [In Latvian]

SOVET MAKTABI [SOVIET SCHOOL]. Organ of Ministerstvo prosvetsheniia Uzbekskoi SSR [Ministry of Education of the Uzbek S.S.R.], Tashkent, no. 5, May 1966. [In Uzbek]

SPETSIAL'NAIA SHKOLA [SPECIAL SCHOOL]. Issued by Institut defektologii Akademii pedagogicheskikh nauk RSFSR [Institute of Defectology of the Academy of Pedagogical Sciences of the R.S.F.S.R.], Moscow, no. 1(17), 1966.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia RSFR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.], Moscow, vol. 24, no. 5, May 1966.

Table of contents translated:

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FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Societies and Organizations of the U.S.S.R.]. Moscow, nos. 5(815)-6(816), May-June 1966.

KEHAKULTUUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordihingute ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.]. Tallinn, vol. 27, nos. 11(548)-12(549), June 1966. [In Estonian]

LEOKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 11, no. 5(132), May 1966.

SAHS [CHESS]. Issued by Latvijas PSR Sporta biedriba un organizaciju savieniba and Saha federacija [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.]. Riga, nos. 5(163)-7(165), Feb.-Mar. 1966. [In Latvian]

SHAKHMATNYI BULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaya federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 43, no. 6, June 1966.

SHAKHMATY [CHESS]. Issued by Soiuza sportivnykh obshchestv i organizatsii i Shakhmatnaya federatsiia Latvijas SSR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.]. Riga, nos. 8(152)-11(155), Apr.-June 1966.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaya federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 12, no. 6, June 1966.

SPORT V SSSR [SPORTS IN THE U.S.S.R.]. Issued by the Periodical "Sovetskii Soluz" ["Foviet Union"]. Moscow, nos. 6(40)-7(41), 1966.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vserossiiskii sovet Soiuza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol. 10, no. 7, 1966.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 12, no. 5(132), May 1966.

TEORIYA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 20, no. 6, June 1966.

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9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures]. Moscow, no. 6, June 1966.

NOVYNY KINOEKRAU [CINEMA NEWS]. Kiev, nos. 6(59)-7(60), June-July 1966.

SOVETSKII EKRAU [THE SOVIET SCREEN]. Organ of Komitet po kinematografii pri Sovete Ministrov SSSR and Soluz kinematografistov SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U.S.S.R., and the Union of Motion-Picture Workers of the U.S.S.R.]. Moscow, nos. 8(224)-10(226), Apr.-May 1966.

SOVETSKII FIL'M [SOVIET FILMS]. Issued by Vsesoiuznoe ob'edinenie [All-Union Association] "Sovetskii sportfil'm." Moscow, no. 5(108), May 1966.

b. MUSIC

KRUGOZOR [HORIZON]. Moscow, no. 6, 1966.

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soluz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 8, nos. 11, 13, June-July 1966.

c. THEATER

KLUB I KHUODOZHESTVENNAIA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 15, nos. 10-12, May-June 1966.

NA DOPOMOHU KHUODOZHNI SAMODIAL'NOSTI; repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS; Repertorial Collection]. Kiev, no. 1(61), Jan. 1966.

SOVETSKAIA ESTRADA I TSIRK [SOVIET STAGE AND CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 7(106), July 1966.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soluz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and the Association of Writers of the U.S.S.R.]. Moscow, vol. 25, no. 10, Oct. 1964.

- Table of contents translated:
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TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.] and others. Moscow, nos. 11, 13, June-July 1966.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, vol. 10, no. 6(103), June 1966.
 KHUDOZHNIK [ARTIST]. Issued by Soluz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, vol. 8, nos. 6-7, 1966.

KUNST JA KODU [ART AND DAILY LIVING]. Tallinn, no. 1, 1966. [In Estonian]

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Armianskoi SSR po kinematografii [Ministry of Culture of the Armenian S.S.R. and the State Committee of the Council of Ministers of the Armenian S.S.R. for Motion Pictures]. Erivan, no. 5, 1966. [In Armenian]

SOVETSKOE FOTO [SOVIET PHOTO]. Issued by Soluz zhurnalistov SSSR [Association of Journalists of the U.S.S.R.]. Moscow, no. 6, June 1966.

b. ARCHITECTURE

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu i arkhiterture pri Gosstroie SSSR and Soluz arkhitektorov SSSR [State Committee for Public Construction and Architecture, Attached to the State Planning Committee of the U.S.S.R. and the Association of Architects of the U.S.S.R.]. Moscow, no. 5, 1966.
 Table of contents translated:
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NOVAIA INOSTRANNAIA LITERATURA PO IAZYKO-ZNANIU [NEW FOREIGN LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1966.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNA- NIU [NEW SOVIET LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1966.

PREPODAVANIE AZERBAIDZHANSKOGO IAZYKA I LITERATURY; metodicheskiy sbornik [TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE; Methodology]. Supplement to the Magazine "Azərbaycan Mektebi." Baku, no. 2, 1966. [In Azerbaijani]

RIGA, UNIVERSITATE, Zinatiskie raksti. Uchenye zapiski Latvijskogo gosudarstvennogo universiteta [UNIVERSITY, Studies]. Vol. 54, 1964. Filologičeskie nauki [Philological Sciences], no. 9A.

RUSSKII IAZYK DLIJA STUDENTOV-INOSTRANTSEV [RUSSIAN FOR FOREIGN STUDENTS]. Issued by Uchebno-metodicheskoe upravlenie po vuzam Ministerstva vysshego i srednego spetsial'nogo obrazovaniia SSSR [Administration of Educational Methods for Institutions of Higher Education of the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, no. 1, 1965.

Table of contents translated:
 Vinogradova, I. F. - Some problems of literary style arising in Russian language classes for foreign students. p. 5.
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RUSSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS]. Issued by Ministerstvo prosvetshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 3, May-June 1966.

b. LITERATURE & FOLKLORE

-khudozhestvennyi i obshchestven-
 nal [ALA-TAU; Literary and
 ical]. Organ of Soluz pisatelei
 rstvo kul'tury Kirgizskoi SSR
 lers of Kirghizia and the Ministry
 ghiz S.S.R.]. Frunze, vol. 35,
 In Kirghiz]

khudozhestvennyi i obshchestven-
 nakh [ANGARA; Literary and
 nal]. Organ of Irkutskoe otdel'e
 RSFSR [Irkutsk Branch of the
 ers of the R.S.F.S.R.]. Irkutsk,
 1966.

BAIJAN]. Organ of Soluz pisate-
 Association of Writers of Azer-
 May 1966. [In Azerbaijani]

Tan-Ude, nos. 1-2, Jan.-Apr.

DAIKAL. Organ of Soluz pisatelei Duriatskoi ASSR [As-
 sociation of Writers of the Duryat A.S.S.R.]. Ulan-
 Ude, vol. 12, no. 2, Jan.-Feb. 1966.

DAL'NII VOSTOK [FAR EAST]. Organ of Khabarovskoe
 otdelenie Soluza pisatelei RSFSR [Khabarovsk Branch
 of the Association of Writers of the R.S.F.S.R.].
 Khabarovsk, vol. 34, no. 3, May-June 1966.

DILA [MORNING]. Issued by Tsentral'nyi komitet bol's-
 skogo kommunisticheskogo soluza molodezhi (Gruzii
 and Respublikanskii soviet organizatsii lunnykh plovoy-
 im, V. I. Lenin [Central Committee of the Lenin
 Communist Youth League of Georgia and the Republic
 Council of Lenin Pioneers]. Tiflis, no. 6, June
 1966. [In Georgian]

DNIPRO [DNIPIER]. Organ of Tsentral'nyi komitet
 Lenina'skoho komunisticheskogo soluzu molodi Ukrainy
 [Central Committee of the All-Union Communist
 Youth League of the Ukraine]. Kiev, vol. 40, no. 7,
 July 1966.

DROSHA [THE BANNER]. Published by the Publishing
 House of the Central Committee of the Communist
 Party of Georgia. Tiflis, no. 5(178), May 1966.
 [In Georgian]

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES].
 Organ of Soluz pisatelei SSSR [Association of
 Writers of the U.S.S.R.]. Moscow, vol. 20, no. 6,
 1966.

INOSTRANNAIA LITERATURA [FOREIGN LITERA-
 TURE]. Organ of Soluz pisatelei SSSR [Association
 of Writers of the U.S.S.R.]. Moscow, no. 6, June
 1966.

IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR
 [Association of Writers of the U.S.S.R.]. Moscow,
 vol. 12, no. 6(133), June 1966.

KAROGS [THE BANNER]. Issued by Latvijas padomju
 rakstnieku savieniba [Association of Writers of
 Latvia]. Riga, nos. 6-7, 1966. [In Latvian]

KHOTUGU SULUS [STAR OF THE NORTH]. Yakutsk,
 no. 3, 1966. [In Yakut]

KUBAN'. Issued by Krasnodarskoe otdelenie Soluza pi-
 satelei RSFSR [Krasnodar Branch of the Association
 of Writers of the R.S.F.S.R.]. Krasnodar, vol. 24,
 no. 3, Mar. 1966.

LITERATURA I ISKUSSTVO NARODOV SSSR I ZAHU-
 BEZHNYKH STRAN; bibliograficheskii biulleten'
 [LITERATURE AND ART OF THE PEOPLES OF THE
 U.S.S.R. AND FOREIGN COUNTRIES; Bibliographical
 Bulletin]. Issued by Vsesoluznaya knizhnaya palata
 and Vsesoluznaya gosudarstvennaya biblioteka in-
 strannoi literatury [All-Union Book Chamber and
 the All-Union State Library of Foreign Literature].
 Moscow, no. 3, 1966.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS].
 Issued by Ministerstvo prosvetshcheniia RSFSR [Min-
 istry of Education of the R.S.F.S.R.]. Moscow,
 no. 3, May-June 1966.

LITERATURNIA ARMENIA [LITERARY ARMENIA].
 Organ of Pravleniie Soluza pisatelei Armenii [Admin-
 istration of the Association of Writers of Armenia].
 Erivan, vol. 8, no. 5, May 1966.

LITERATURNIA GRUZIA [LITERARY GEORGIA].
 Organ of Soluz pisatelei Gruzii [Association of Writ-
 ers of Georgia]. Tiflis, vol. 10, no. 0, June 1966.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV
 Kirjanike Liit [Association of Writers of the Est-
 onian S.S.R.]. Tallinn, no. 6, 1966. [In Estonian]

MOKSHA; literaturno-khudozhestvennii i obshchestven-
 politicheskii zhurnal [MOKSHA; Literary and Folk-
 political Almanac]. Saransk, no. 3, May-June 1966.
 [In Mordvinian]

MOLODAIA GVARDIYA; literaturno-khudozhestvennyi i
 obshchestvenno-politicheskii zhurnal [YOUNG
 GUARD; Literary and Sociopolitical Magazine]. Issued
 by Tsentral'nyi komitet Vsesoluznogo leninskogo kom-
 munisticheskogo soluza molodezhi [Central Committee
 of the All-Union Communist Youth League of Lenin].
 Moscow, no. 7, July 1966.

MOSKVA [MOSCOW]. Organ of Soluz pisatelei RSFSR and Moskovskoe otdelenie Soluza pisatelei RSFSR [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers of the R.S.F.S.R.]. Moscow, vol.10, no.6, 1966.

NASH SOVREMENNIIK [OUR CONTEMPORARY]. Organ of Soluz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, no.6, June 1966.

NEVA. Organ of Soluz pisatelei RSFSR and Leningradskoe otdelenie Soluza pisatelei [Association of Writers of the R.S.F.S.R. and the Leningrad Branch of the Association of Writers]. Leningrad, no.7, 1966.

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no.5, 1966.

NOVI POEZII. NEW POETRY. New York, no.6, 1964.

PERGALE [THE VICTORY]. Organ of Lietuvos TSR rasytoju sajunga [Association of Writers of the Lithuanian S.S.R.]. Vilnius, no.6, 1966. [In Lithuanian]

POD'EM [UPSWING]. Issued by Voronezhskoe otdelenie Soluza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.]. Voronezh, no.3, May-June 1966.

POLYMIA [FLAME]. Organ of Soluz pis'mennikov SSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol.44, no.7, July 1966.

PRAPOR; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kharkov, no.6, 1966.

PROSTOR [WIDE-OPEN SPACES]. Issued by Soluz pisatelei and TsK LKSM Kazakhstana [Association of Writers and the Central Committee of the Lenin Communist Youth League of Kazakhstan]. Alma-Ata, vol.35, no.6, June 1966.

RADUGA [THE RAINBOW]. Organ of Pravlenie Soluza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol.10, nos.6-7, June 1966.

RUSSKAIA LITERATURA [RUSSIAN LITERATURE]. Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U.S.S.R.]. Leningrad, vol.9, no.2, 1966.

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol.34, no.5, May 1966. [In Uzbek]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Soluz pisatelei RSFSR and Novosibirskoe otdelenie Soluza pisatelei [Association of Writers of the R.S.F.S.R. and the Novosibirsk Branch of the Association of Writers]. Novosibirsk, vol.45, nos.5-6, 1966.

SUCHASNIST'; literatura, mystetstvo, suspil'ne zhyttia [OUR TIME; Literature, Art, and Social Problems]. Munich, vol.6, no.7(67), July 1966.

URAL. Issued by Sverdlovskoe otdelenie Soluza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, vol.9, no.6, June 1966.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kiev, vol.34, no.7, July 1966.

VOLGA. Issued by Kuybyshevskoe otdelenie Soluza pisatelei RSFSR [Kuybyshev Branch of the Association of Writers of the R.S.F.S.R.]. Kuybyshev, no.6, June 1966.

VOLGA. Organ of Pravlenie Soluza pisatelei RSFSR and Saratovskoe otdelenie Soluza pisatelei RSFSR [Administration of the Association of Writers of the R.S.F.S.R. and the Saratov Branch of the Association of Writers of the R.S.F.S.R.]. Saratov, no.5, May 1966.

VOZROZHDENIE [RENAISSANCE]. Paris, no.175, July 1966.

ZHULDYZ [STAR]. Issued by Soluz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, nos.6-7, June-July 1966. [In Kazakh]

ZNAMIA [THE BANNER]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol.36, no.6, June 1966.
Table of contents translated:
Evdokimov, Nikolai. - Memory has its own laws; a novel. p.3.
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ZVEZDA [THE STAR]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Leningrad, no.5, May 1966.
Table of contents translated:
Shefner, Vadim. - Verses on the Pacific Ocean. p.3.
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ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soluz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol.34, no.5, 1966.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIA NAUK SSSR. Institut etnografi. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Ethnography. Transactions]. Moscow, vol.91, 1965. Ocherki istorii russkoi etnografii, folkloristiki i antropologii [Outline of the history of Russian ethnography, folklore studies, and anthropology]. no.3.
Table of contents translated:
Azadovskii, M.K. - Significance of the Geographical Society in the history of Russian folklore studies. p.5.

Gorlenko, V.F. - The Commission for Description of the Governments [gubernii] of the Kiev Educational District. p.18.
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NARODNA TVORCHIST' TA ETNOGRAFIIA [FOLK ART AND ETHNOGRAPHY]. Issued by Institut mystetstvo-znavstva, folkloru ta etnografii Akademii nauk URSR and Ministerstvo kul'tury Ukrainy [Institute of Fine Arts, Folklore, and Ethnography of the Academy of Sciences of the Ukrainian S.S.R. and the Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol.10, no.3, May-June 1966.
Table of contents translated:
Editorial: Doing it the Lenin way. p.3.
In the State Republican Committee for T.I. Shevchenko Prizes. p.9.
Shudria, M.A., Chiek, O.I. - Flowers of the human heart. p.10.
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b. GEOGRAPHY

AKADEMIA NAUK SSSR. Izvestia, Seriya geograficheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Geographical Series]. Moscow, no.3, May-June 1966.
Table of contents translated:
Tasks in the field of geographical science as seen in the light of the decisions of the 23d Congress of the CPSU. p.3.
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- GEOGRAFICHESKOE OBSHCHESTVO SSSR, Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Bulletin].** Moscow, vol. 98, no. 2, Mar.-Apr. 1966.
- Table of contents translated:
- Vinogradov, B.V. - Space photography for the geographical study of the globe. p. 101.
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- Table of contents translated:
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- GEOGRAFICHESKOE OBSHCHESTVO SSSR, Kirgizskii filial, Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Kirghiz Branch, Bulletin].** Frunze, no. 5, 1965.
- Table of contents translated:
- Otorbaev, K.O., Chormonov, B.Sh. - In memory of N.N. Baranskii. p. 7.
- Grechko, V.V. - Southwestern districts of Osh Province. p. 11.
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- LENINGRAD, GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT, Trudy [STATE HYDROLOGICAL INSTITUTE, Transactions].** No. 132, 1966. Regime, theory, and methods of sediment calculation and measurement.
- Table of contents translated:
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- REFERATIVNYI ZHURNAL: GEOGRAFIYA [JOURNAL OF ABSTRACTS: GEOGRAPHY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.
- VOKRUG SVETA [AROUND THE WORLD].** Issued by Tsentral'nyi komitet Vsesoyuznogo Ioninskogo kommunalisticheskogo soюза molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 6, June 1966.
- c. GEOLOGY & PALEONTOLOGY**
- AKADEMIYA NAUK GRUZINSKOI SSR, Tiflis, Geologicheskii institut, Trudy, Novaya seriya [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R., Geological Institute, Transactions, New Series].** Tiflis, no. 1, 1966.
- Table of contents translated:
- TSagaroli, A.L., Matskhonashvili, K.G. - Physico-geographical description of the region. p. 6.
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- *AKADEMIYA NAUK SSSR, Izvestiia, Seriya geologicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Geological Series].** Moscow, vol. 31, no. 6, June 1966.
- Table of contents translated:
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- AKADEMIYA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions]. Moscow, no. 146, 1966.
- Contents: Pergament, M.A. [Zonal stratigraphy and biostratigraphy of the lower part of the Upper Cretaceous on the Pacific coast of the U.S.S.R.] Zonal'naya stratigrafiya i biostratigrafiya nizhnego chasti vorkingogo mola Tikhookeanskogo poberezh'ia SSSR. 81 p.
- AKADEMIYA NAUK SSSR. Kazanskii filial. Trudy. Seriya geologicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Kazan Branch. Transactions. Series in the Geological Sciences]. Kazan, no. 10, 1964.
- Contents: Kuznetsova, T.A. [Upper Pliocene flora in the middle Volga Valley and its stratigraphic significance] Flora verkhnepliootsenovykh otlozhenii Srednego Povolzh'ia i ee stratigraficheskoe znachenie. 165 p.
- AKADEMIYA NAUK SSSR. Sibirskoe otdelenie. Institut vulkanologii. Bulletin' vulkanologicheskikh stantii [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of Volcanology. Bulletin of Volcanic Stations]. Moscow, no. 40, 1966.
- Table of contents translated:
- Sholberg, G.S. - Status of some volcanoes of Kamchatka based on aerial data. p. 3.
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- *GEOKHEMIYA [GEOCHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no. 10, Oct. 1964.
- Table of contents translated:
- Nalidin, D.P., Tols, R.V., Zadorozhnyi, I.K. - Some new data on the temperatures of Mesozoic basins in the Russian Platform and adjacent areas according to the isotopic composition oxygen in biotite rostra. p. 971.
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- No. 4, Apr. 1966.
- Table of contents translated:
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- GEOLOGICHESKIY ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Vsesoyuznyi nauchno-issledovatel'skiy tsentr nauki URSS i Derzhavnyi vyrobnychiy geologicheskii komitet URSS [Department of Earth Sciences and Space of the Academy of Sciences of the Ukrainian S.S.R. and the State Industrial Geological Committee of the Ukrainian S.S.R.], Kiev, vol. 26, no. 2, 1966.
- Table of contents translated:
- Hrechishnikov, N.P., Hrechishnikova, Z.M. - Practice in the reconstruction of Pre-Cambrian physiogeographical conditions on the basis of studying the rocks of the Lower suite of the Krivoy Rog series. p. 3.
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- Table of contents translated:
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- MATERIALY PO GEOLOGII TSENTRAL'NOGO KAZAKHSTANA [MATERIALS ON THE GEOLOGY OF CENTRAL KAZAKHISTAN].** Issued by Moskovskiy gosudarstvennyy universitet [Moscow State University], Moscow, vol.6, 1966. Contents: Chetverikova, N.P., and others. [Stratigraphy and fauna of Silurian and Lower Devonian sediments of the Nurinsk synclinorium] Stratigrafiya i fauna siluritskikh i nizhnedevonskikh otlozhenii Nurinskogo sinklinoria. 255 p.
- MATERIALY PO GEOLOGII ZAPADNO-SIBIRSKOI NIZMENNOSTI [MATERIALS ON THE GEOLOGY OF THE WEST SIBERIAN PLAIN].** Issued by Novosibirskoe territorial'noe geologicheskoe upravleniye [Novosibirsk Territorial Geological Administration], Novosibirsk, no.4, 1965. Contents: Grebentuk, V.V., and others. [Geology and the oil and gas potentials of the Ob'-Irtysh interfluvial] Geologiya i neftegazoznositel' Ob'-Irtyshskogo mezhdurech'ya. 194 p.
- MOSCOW, UNIVERSITET. Vestnik, Seriya 4: Geologiya [UNIVERSITY. Review, Series 4: Geology].** Vol.21, no.3, May-June 1966. Table of contents translated: Problems of the Department of Geology of the Moscow University in the light of decisions of the 23d Congress of the CPSU. p.3. Frolov, V.T. - Conception of "facies" and "facies analysis." p.8. Nikolaev, N.I. - Relation of the seismicity of the Baltic Shield and Norwegian caledonides to recent tectonics. p.20. Potrubovich, L.N., Simon, A.K. - Stratigraphy of the caving Imandra-Varzuga-Sosnovka (Kola Peninsula). p.37. Morgunov, I.U.G. - Basic characteristics of the history of the geological development of the mountainous part of North Ossetia in the Jurassic. p.46. Zhuravlev, B.I.A. - Volcanic Devonian of the southwestern slope of the Chingiz meganticlinorium. p.54. Laukhin, S.A., Sadikova, M.B. - History of the development of the Yenisey and Angara Valleys in the estuary part of the Angara. p.87. Arkhipov, A.I.A. - Basic characteristics of the history of geological development in the southwestern part of the Karakum oil- and gas-bearing basin in connection with prospects for finding oil and gas in Mesozoic sediments. p.81. Aleev, E.B., Kuznetsov, E.A. - Age of alaskites in the Karakiya Basin (Almalyk region). p.90. Iakhtonova, L.K., Grudev, A.P. - Studying the electrochemical interaction of arsenides which contact each other. p.98. Osipov, V.I. - Practice in the application of nuclear methods in studying the alteration of the physical properties of clay rocks in a weathering zone. p.102. Fadeev, P.I. - Field capillary meter. p.107. Pashkovskiy, I.S. - Evaluation of the productivity of a periodically working water-intake installation. p.110. Fakhr, A. - Significance correlation coefficients among elements in primary halos. p.113. Gordeev, D.I. - Mathematical methods and computing equipment in the studies of the history of scientific technological progress. p.117. Razmyslylaev, A.A. - Second All-Moscow Conference of Young Geologists and Oilmen. p.119.
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- ### 13. SCIENCE
- #### a. GENERAL
- *AKADEMIYA NAUK SSSR, Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol.166, no.4, June 1966. Table of contents translated: MATHEMATICS: Al'ber, S.I. - Topology of functional spaces. p.727. Bikhalis, A. - Residual terms in multidimensional limit theorems. p.731. Bitsadze, A.V. - Criteria of the convergence of the gradients of a sequence of harmonic functions. p.733. Vlasov, V.F. - Fine and rough convergence of interpolation and quadrature processes. p.735. Dynkin, E.B. - General supplementary conditions for a boundary value problem with an inclined derivative. p.737. Kostrikin, A.I., Shafarevich, I.R. - Cartan's pseudogroups and Lie p-algebras. p.740. Limik, I.U.V., Pless, V.A., Shafarevich, O.V. - Contribution to the theory of Hotelling's test. p.743. Maslennikov, M.V. - Characteristic equation of the theory of radiation transfer. p.747. Olechuk, O.A. - Set of boundary layer equations for unsteady flow of a noncompressible fluid. p.751. 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KHIMIA I ZHIZN' [CHEMISTRY AND LIFE]. Issued by Akademika nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 6, June 1966.

NAUKA I SUSPILSTVO [SCIENCE AND SOCIETY]. Issued by Tovarystvo "Znannta" Ukrain'skoi SSR ["Znannta" Society of the Ukrainian S.S.R.]. Kiev, no. 7, July 1966.

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoyuznoe obshchestvo "Znannta" ["Knowledge" All-Union Society]. Moscow, vol. 32, no. 6, June 1966.

NEKOTORYE VOPROSY METODOLOGII NAUCHNOGO ISSLEDOVANIYA [SOME PROBLEMS IN THE METHODOLOGY OF SCIENTIFIC RESEARCH]. Issued by Leningradskii gosudarstvennyi universitet [Leningrad State University]. Leningrad, no. 1, 1965.

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OKHRANA PRIRODY TSENTRAL'NO-CHERNOZEMNOI POLOSYY [CONSERVATION IN THE CENTRAL BLACK EARTH BELT]. Issued by Voronezhskoe otdelenie Vsesoyuznogo obshchestva okhrany prirody [Voronezh Branch of the All-RUSSIAN Society for Conservation]. Voronezh, no. 5, 1964.

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REFERATIVNIY ZHURNAL: KIBERNETIKA [JOURNAL OF ABSTRACTS: CYBERNETICS]. Issued by Institut nauchnoy informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]

ZNANIYE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet po professional'no-tekhnicheskoy obrazovaniiu pri Gosplane SSSR [State Committee for Industrial Training, Attached to the State Planning Committee of the U.S.S.R.], Moscow, vol. 41, no. 6, June 1966.

b. ASTRONOMY

- AKADEMIYA NAUK SSSR, Astronomicheskiy sovet, Biulleten' stantsii opticheskogo nabludeniya iksusavennykh spunikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R., Astronomical Council, Bulletin of the Stations of Optical Observation of Artificial Earth Satellites].** Moscow, no. 40, 1964.
- Table of contents translated:
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AKADEMIYA NAUK SSSR, Institut teoreticheskoy astronomii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R., Institute of Theoretical Astronomy, Transactions]. Moscow, no. 11, 1966.

Table of contents translated:

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AKADEMIYA NAUK SSSR, Mezhdunarodniy geofizicheskii komitet, Issledovanie meteorov [ACADEMY OF SCIENCES OF THE U.S.S.R., Interdepartmental Geophysical Committee, Meteor Investigations]. Moscow, no. 1, 1966.

- Table of contents translated:
- Asatpovich, I. S. - Some results of visual observations of meteor trails. p. 7.
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- MOSCOW. TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT GEODEZII, AEROS'EMKI I KARTOGRAFI. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. No. 160, 1966. Contents: Griunberg, N. V., and others. [Content and methods of compiling economic maps of foreign countries in reference atlases] Soderzhanie i metody sostavleniya ekonomicheskikh kart zarubezhnykh stran v nauchno-spravochnykh atlasakh. Pt. 2. 65 p.
- No. 167, 1966. Contents: Uspenskiy, M. S. [Studies in the stabilization of geodetic points in the U. S. S. R.] Issledovaniya po zakrepleniyu geodezicheskikh punktov na territorii SSSR. 191 p.
- MOSCOW. UNIVERSITET. Gosudarstvennyi astronomicheskii Institut, Soobshcheniya [UNIVERSITY. State Astronomical Institute. Reports]. No. 137, 1966. Contents: Aksekov, E. P. [Motion of artificial satellites in the normal gravitational field of the earth] Dvizhenie iskusstvennykh sputnikov v normal'nom pole pritiazheniya Zemli. 44 p.
- REFERATIVNYI ZHURNAL: ASTRONOMIYA (Old'nyi vypusk 51) [JOURNAL OF ASTRONOMY (Separate Issue 51)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1966.
- REFERATIVNYI ZHURNAL: GEODEZIYA (Old'nyi vypusk 52) [JOURNAL OF GEODESY (Separate Issue 52)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1966.
- REFERATIVNYI ZHURNAL: ISSEDOVANIYE KOSMICHESKOGO PROSTRANSTVA (Old'nyi vypusk 62) [JOURNAL OF ASTRONOMY: SPACE RESEARCH (Separate Issue 62)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 5-6, May-June 1966.
- c. BIOLOGY
- AKADEMIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Institute of Zoology. Transactions]. Baku, vol. 25, 1965. Table of contents translated: Safarov, M. A. - Morphological characteristics and taxonomic position of wild boar in Azerbaijan. p. 3. Tunay, D. G. - Materials on the fauna and ecology of water and swamp birds in the Samur-Divichi Lowland of Azerbaijan. p. 69. Khunmamedov, A. I. - Materials on the biology of gallinule in the northeastern part of Azerbaijan. p. 98. Alekperov, Kh. M., Erofeeva, S. N. - Ecology characteristics of wood mouse (*Apodemus sylvaticus* L.) on the southern slopes of the Greater Caucasus within the boundaries of Azerbaijan. p. 111. Mustafaeva, R. G. - Study of nests and nesting material of thrushes in Azerbaijan. p. 124. Aileva, Sh. B. - Materials on the fauna and ecology of rodents in the Naklichevan A. S. S. R. p. 133. Gidajkov, I. Kh. - Burrowing biotypes of foxes in Azerbaijan and their population density. p. 165. Ailev, F. F. - Deer of the Azerbaijan S. S. R. p. 175.
- AKADEMIA NAUK KAZAKHSTANSKOI SSR, Alma-Ata. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Zoology. Transactions]. Alma-Ata, vol. 25, 1966. Bloodsucking Diptera of Kazakhstan. Table of contents translated: Amirgazyev, K. A. - Review of bloodsucking Diptera on the northern shore of the Caspian Sea. p. 3. Isimbekov, Zh. M. - Review of bloodsucking mosquitoes in the Ili basin. p. 14. Zhuk, N. S., Dubitskiy, A. M. - Bloodsucking mosquitoes of Kazakhstan. p. 29. Dubitskiy, A. M., Deshevyykh, N. D. - Seasonal and diurnal activity of bloodsucking mosquitoes in the Syr Darya basin. p. 37. Prygunova, I. G. - Bloodsucking mosquitoes of northern Kazakhstan. p. 45. Prygunova, I. G. - Fauna and ecology of bloodsucking mosquitoes (Diptera, Culicidae) in Kustanay Province. p. 52. Dubitskiy, A. M. - Olfactory reactions of mosquitoes to live and smashed insects. p. 61. Gutsevich, A. V., Smatov, Zh. S. - New and little-known species of bloodsucking midges (Diptera, Ceratopogonidae) from Kazakhstan. p. 65. Smatov, Zh. S. - Bloodsucking midges (Diptera, Ceratopogonidae) in the Ili basin. p. 78. Smatov, Zh. S. - Bloodsucking midges (Culicoides, Ceratopogonidae, Diptera) of Alma-Ata. p. 94. Kuandykova, U. S. - Faunal composition and distribution of horseflies in the Ili Valley. p. 96. Laita, A. S. - Biology of *Atylotus karybenthinus* Szil. (Diptera, Tabanidae). p. 102. Laita, A. S. - Effect of Scelionidae on the abundance of horseflies. p. 116. Iakunin, B. M. - Ecology of bloodsucking flies (Diptera, Muscidae) of southeastern Kazakhstan. p. 121. Iakunin, B. M. - Development of bloodsucking flies (Diptera, Muscidae) as related to habitat conditions. p. 126.
- AKADEMIA NAUK SSSR. Institut biologii vnutrennikh vod. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Biology of Inland Waters. Transactions]. Moscow, no. 111, 1965. Table of contents translated: Mordukhai-Boltovskoi, E. D. - Materials on the biology of Infusoria of Rybinsk Reservoir. p. 3. Mordukhai-Boltovskoi, E. D., Sorokin, I. I. - Feeding of Paramecium on algae and bacteria. p. 12. Mordukhai-Boltovskoi, E. D. - Materials on the distribution and seasonal dynamics of *Asplanchna priodonta* Gosse and *A. hericki* de Guerne (*Asplanchnidae*, *Rotatoria*) in Rybinsk Reservoir. p. 15. Poddebnin, T. L. - Formation of lubliffid fauna and its distribution in Rybinsk Reservoir. p. 20. Mordukhai-Boltovskoi, E. D. - Caspian Polyphemidae in Don and Dnieper reservoirs. p. 37. Bulorina, L. G. - Observations on the behavior of *Polyphemus pediculus* and the functions of its extremities in the feeding process. p. 44. Smirnov, N. N. - Macrothricidae and Siliidae in Volga reservoirs. p. 54. Malovitskaya, L. M. - Observations on the life cycle of *Eudaplopus gracilis* (G. Sars) and *Eudaplopus graciloides* (Lill.) (Copepoda, Calanoida) in Rybinsk Reservoir. p. 58. Vainshteyn, B. A. - System of water mites and their place in the suborder of Trombidiformes. p. 66. Vainshteyn, B. A. - Materials on the biology and taxonomy of water mites (Hydrachnellae). p. 84. Shilova, A. I. - Metamorphosis and biology of *Stelochironomus crassiforceps* Kieff. (Diptera, Tendipedidae). p. 91. Shilova, A. I. - Metamorphosis of *Parachironomus vittosus* Goetgh. and some data on its biology (Diptera, Tendipedidae). p. 102. Rodova, R. A., Sorokin, I. I. - Quantitative data on feeding habits of *Cricotopus silvestris* F. p. 110. Zarechnaya, S. N. - Glands of endos fly larvae. Report No. 2. Gilson's glands. p. 113. Mitropolskiy, V. I. - Observations on the life cycle, growth rate, and desiccation resistance capacity in *Musculum lacustre* (Miller). p. 118. TSikhon-Lukanina, E. A. - Life cycles, changes in the abundance and biomass of some gastropods in the littoral zone of Rybinsk Reservoir in the summer of 1962. p. 125. TSikhon-Lukanina, E. A., Sorokin, I. I. - Assimilation of various foodstuffs by *Valvata pulchella* Studer. p. 130. TSikhon-Lukanina, E. A., Sorokin, I. I. - Assimilation of algae suspended in various concentrations by *Valvata pulchella* Studer. p. 134. Kirpichenko, M. I. A. - Fauna of the cenoses of filamentous algae in Kuybyshev Reservoir. p. 137. Lufarov, V. P. - Populating wood substratum from midwater. p. 140. Lufarov, V. P. - Seasonal changes in the settlement rate of the epibionts of submerged trees in the littoral zone of Rybinsk Reservoir. p. 144. Organisms in the littoral ice of Rybinsk Reservoir. p. 151.
- AKADEMIA NAUK SSSR. Institut iziologii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Physiology. Transactions]. Moscow, vol. 11, 1965. Voprosy fiziologii interseptsii [Problems of the physiology of interoception]. no. 2. Table of contents translated: Anikina, N. A. - Presence of various reactive systems in receptors of the small intestine. p. 3. Bazanova, I. S., Evdokimov, S. A. - Electrophysiological analysis of the adaptation process in the central link of the somatic reflex arc. p. 14. Bazanova, I. S., Merkulova, O. S., Chernigovskiy, V. N. - "Adaptation" phenomena in the vasomotor center and motor somatic centers following prolonged stimulation of afferent nerves. p. 20. Gal'perin, I. M., Bakiykova, N. M. - Mechanisms of the development of intestinal dynamic impassability following stimulation of mechanoreceptors of the intestinal wall. p. 44. Moliseva, N. A. - Conditioned response activity of dogs in ontogeny and its change following stimulation of mechanoreceptors of the stomach. p. 58. Mustashchikova, S. S. - Peripheral reflexes following stimulation of chemoreceptors of the intestines. p. 63. Adamovich, N. A. - Adaptation phenomena in receptors of the gastrointestinal tract. p. 73. Ermolaeva, V. I., Zakharzhevskiy, V. B. - Afferent impulses in nerves of the stomach in acute inflammation of its mucous membrane. p. 81. Ermolaeva, V. I., Zakharzhevskiy, V. B. - Electrophysiological study of afferent impulses in an acute inflammation of the mucous membrane of the intestines. p. 87. Kulacv, B. S. - Reflexogenic area of the heart; potential possibilities and significance. p. 91. Lagutina, T. S. - Comparative characteristics of unconditioned reflexes from organs of the small pelvis. p. 113. Merkulova, O. S. - Electrophysiological study of the effects from mechanoreceptors and chemoreceptors of the internal organs on skeletal muscles. p. 133. Pines, I. L. - Afferent impulses in kidney nerves under the influence of some chemical substances. p. 143. Atrapel'ants, E. Sh., Lobanova, L. V. - Comparative study of the role of interoceptive factors in feeding habits of animals. Report No. 1. Sucking reflex in puppies receiving food through gastric fistula. p. 148. Arkind, M. V., Ugolev, A. M. - Regulation of appetite for water and salt in repeated saturation of the organism with sodium chloride. p. 160. Davydov, A. F., Romanovskaya, G. D. - Effect of thermal and mechanical stimulation of the rumen in sheep on gas exchange and electric activity of the skeletal muscles. p. 175. Kassil', V. G., Ugolev, A. M. - Digestive canal and specialized feeding habits. p. 182. Kataeva, G. A., and others. - Motor-secretory function of intact and denervated small intestine segments following interoceptive stimulations of the gastrointestinal tract in man. p. 205. Lebedeva, L. I. - Mechanisms of interoception of the uterus. p. 213. Matrosova, E. M. - Materials on changes in the secretion and motility of the stomach following infusion of hydrochloric acid into the duodenum. p. 225. Nikulina, I. P. - Effect of the change in water and salt metabolism on the reception of the digestive tract. p. 246. Pastukhov, V. A. - Interoceptive effects from the small intestine on its vascular and motor-secretory reactions under normal conditions and in experimental neurosis. p. 258. Pogrebkova, A. V. - Participation of the olfactory analyzer in the regulation of respiration. Report No. 1. Significance of the functioning of the olfactory analyzer in the regulation of respiration following exclusion of visual and auditory receptors. p. 265. Pogrebkova, A. V. - Participation of the olfactory analyzer in the regulation of respiration. Report No. 2. Respiratory reactions in dogs following exclusion of olfactory reception. p. 271. Popova, T. V. - Mechanism of the change in reflexory reactions of the blood pressure in hypothermia and oxygen deficiency. p. 279. Popova, T. V. - Role of cortical structures in phase shifts of the vasomotor reflexes in hypothermia. p. 301. Troitskaya, V. B., Funtikova, E. K. - Relationship between pH of the duodenum content and the secretory activity of the pancreas. p. 316.

AKADEMIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Institute of Biology. Transactions]. Sverdlovsk, no. 47, 1965. Vnutrividevaia izmennyivost' drevnykh rastenii; introduktsiia i selektsiia rastenii na Urale [Intraspecific variability of woody plants; plant introduction and breeding], vol. 3.

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AKADEMIA NAUK SSSR. Zoologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Zoological Institute. Transactions]. Moscow, vol. 37, 1966. New insect species of the U.S.S.R. and neighboring countries.

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AKADEMIA NAUK TADZHIKSSR, Dushanbe. Otdelenie biologicheskikh nauk, Izvestiya [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Biological Sciences. Bulletin]. Dushanbe, no. 1(22), 1966.

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*ENTOMOLOGICHESKOE OBOZRENIYE [ENTOMOLOGICAL REVIEW]. Issued by Vsesoyuznoe entomologicheskoe obshchestvo [All-Union Entomological Society], Leningrad, vol. 45, no. 2, 1966.

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- MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten'. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin, Biological Section].** Moscow, new series, vol. 71, no. 2, Mar.-Apr. 1966.
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- Contents: Koltun, V.M. [Tetraradlate sponges in the seas of the Far East and northern parts of the U.S.S.R.; order Tetraxonida] *Chetyrekhkhuchoye gubki severnykh i dal'nevostochnykh morei SSSR; Otrid Tetraxonida*. 111 p.
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- REFERATIVNYI ZHURNAL: BIOLOGIYA [JOURNAL OF ABSTRACTS: BIOLOGY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5(1)-5(2), 6(1)-6(2), May-June 1966. Predmetnyi ukazatel' za 1964 g. [Subject Index for 1964], vol. 2.
- UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL].** Issued by Institut botaniki Akademii nauk URSS [Botanical Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 23, no. 3, 1966.
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- VORONEZH. UNIVERSITET. Obshchestvo estestvoispytatelei. Bulletin [UNIVERSITY, Naturalists' Society, Bulletin].** Vol. 13, 1964.
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- Table of contents translated:
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- AKADEMIJA NAUK SSSR, Sibirskoe otdelenie, Izvestija [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department, Bulletin, Novosibirsk, no.3, 1980. Seriya khimicheskikh nauk [Series in the Chemical Sciences], no.1.**
- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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*KINETIKA I KATALIZ [KINETICS AND CATALYSIS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 7, no. 3, May 1966.

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- TARTU. ULIKOOL. Reaktsionnaya sposobnost' organicheskikh soedinenii [UNIVERSITY. Organic Reactivity]. Vol. I, no. 2, Oct. 1964; vol. 2, nos. 1(3)-4(6), Apr., June, Oct., Dec. 1965.
- *VSESOUZNOE KHIMICHESKOYE OBSHCHESTVO IMENI D. I. MENDELEEVA. Zhurnal [D. I. MENDELEEV ALL-UNION CHEMICAL SOCIETY. Journal]. Moscow, vol. II, no. 3, 1966.
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- *ZHURNAL FIZICHESKAL CHEMISTRII SSSR [JOURNAL OF PHYSICAL CHEMISTRY OF THE U.S.S.R.]. Moscow, vol. 40, no. 5, 1966.
- Table of contents translated:
- Dodonova, N. I. A. - ultraviolet radiation

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- *ZHURNAL STRUKTURNOI KHIMII [JOURNAL OF STRUCTURAL CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 2, Mar.-Apr. 1969.
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- AKADEMIA NAUK BSSR. Matematicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Mathematical Institute, Transactions]. Moscow, vol. 85, 1968.
- Contents: Adian, S. I. [Determinant relations and the algorithmic problems for groups and semi-groups] Opredeletushchiesya sootnosheniya i algoritmicheskie problemy dlia grupp i polugrupp. 120 p.

- AKADEMIA NAUK SSSR. Sibirskoe otdelenie. Sembluar algebr i logiki. Algebra i logika [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Seminar of Algebra and Logic. Algebra and Logic]. Novosibirsk, vol. 4, no. 6, 1968.
- Table of contents translated:
- Almagambetov, Zh. A. - Solubility of the elementary theory of certain classes of free nilpotent algebras. p. 5.
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- *DIFFERENTIAL'NYE URAVNIENIA [DIFFERENTIAL EQUATIONS]. Minsk, vol. 2, no. 6, June 1968.
- Table of contents translated:
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- *KIBERNETIKA [CYBERNETICS]. Organ of Otdelenie matematiki, mekhaniki i kibernetiki Akademii nauk Ukrainsskoi SSR [Department of Mathematics, Mechanics and Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1, Jan.-Feb. 1968.
- Table of contents translated:
- Matsevitskiy, L. V., Denisenko, E. L. - Coding of the internal states of some multicycle devices. p. 1.
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MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Issued by Ministerstvo prosvetsheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 3, May-June 1966.

SIBIRSKIY MATEMATICHESKIY ZHURNAL [SIBERIAN MATHEMATICAL JOURNAL]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, no. 3, May-June 1966.

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*ZHURNAL VYCHISLITEL'NOI MATEMATIKI I MATE-
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 MATHEMATICS AND MATHEMATICAL PHYSICS].
 Issued by Akademiya nauk SSSR [Academy of Sci-
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- Table of contents translated:
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- *AKADEMIYA NAUK SSSR, Izvestiya, Fizika atmosfery i okeana [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin, Atmospheric and Oceanic Physics], Moscow, vol. 2, no. 5, May 1966.
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*AKADEMIYA NAUK SSSR, Izvestiya, Seriya fizicheskaya [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin, Physical Series], Moscow, vol. 30, no. 6, June 1966.

- Table of contents translated:
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- AKADEMIA NAUK SSSR, Mezhdudedomstvennyi geofizicheskii komitet, Ionosfernoye issledovanie [ACADEMY OF SCIENCES OF THE U.S.S.R. Interdepartmental Geophysical Committee. Ionospheric Research]. Moscow, no. 14, 1968.
- Table of contents translated:
- Ivanov-Kholodnyi, G. S., Nikolskii, G. M. - Shortwave radiation of the sun, structure of the solar atmosphere, and the ionosphere. p. 5.
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- CHEKHO-SLOVATSKII FIZICHESKII ZHURNAL, CZECHOSLOVAK JOURNAL OF PHYSICS. Issued by Chekhoslovatskaya akademii nauk [Czechoslovak Academy of Sciences]. Prague, vol. 15, no. 12, 1965; vol. 16, nos. 6-7, 1968.
- ADERNAIA FIZIKA, JOURNAL OF NUCLEAR PHYSICS. Issued by Akademiya nauk SSSR and Gosudarstvennyi komitet po ispol'zovaniyu atomnoi energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, vol. 4, no. 1, July 1966.
- Table of contents translated:
- Zhelev, Zh., Muziol', G. - Positron decay from Eu^{145} . p. 3.
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IZOTOPY V SSSR [ISOTOPES IN THE U.S.S.R.]. Issued by Gosudarstvennyi komitet po ispol'zovaniyu atomnoi energii SSSR [State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, no. 1, 1965.

- Table of contents translated:
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LENINGRAD, GLAVNAIA GEOFIZICHESKAIYA OBSERVATORIIA. Trudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions]. No. 187, 1966. Physics of the planetary boundary layer.

- Table of contents translated:
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LIETUVOS TSR MOKSLU AKADEMIJA, Vilnia, Fizikos ir matematikos institutas, Publikacija, Vydikla instituta fiziki ir matematiki Akademii nauk Litovskoi SSR [ACADEMY OF SCIENCES OF THE LITHUANIAN S.S.R., Institute of Physics and Mathematics. Publication]. Vilnius, no. 6, 1965.

*METEOROLOGIIA I HIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of the Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 6, June 1966.

- Table of contents translated:
- Pedrov, E.K. - Some results and prospects of the scientific works of the Institutes of the Hydrometeorological Service 1955-1966. p. 3.
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MOSCOW, NAUCHNO-ISSLEDovATELSKII INSTITUT AEROKLIMATOLOGII, Srednie moskovskoye nauchno-issledovatel'skoye na izobrazheniye povorkhnostnykh [SCIENTIFIC RESEARCH INSTITUTE OF AEROClimatology, Mean Monthly Aerological Data on the Surface]. Moscow, Oct.-Dec. 1964; Apr.-Sep. 1965.

MOSCOW, TSENTRAL'NYI INSTITUT PROGNOZOV, Trudy [CENTRAL WEATHER INSTITUTE. Transactions]. No. 147, 1966. Monthly and ten-day forecasting of air temperature and precipitation.

- Table of contents translated:
- Vasilev, K.A., Zverev, N.I., Ped', D.A. - Forecasting the anomaly of the mean monthly temperature of the air 10 days ahead of time. p. 3.
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- No. 151, 1965. Forecasting ice phenomena on rivers and reservoirs.
- Table of contents translated:
- Savchenko, E.I. - Methodology of forecasting the dates of the appearance of ice on rivers 10-15 days ahead of time. p. 3.
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- No. 153, 1966. Statistical methods of long-range weather forecasting.
- Table of contents translated:
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- No. 156, 1966. Calculation and forecast of the elements of the regime of the sea.
- Table of contents translated:
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- MOSCOW, UNIVERSITET DRUZHBY NARODOV. Trudy [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES. Transactions]. Vol. II, 1965. Fizika [Physics], no. 1.
- Table of contents translated:
- Gevorkian, R.G. - Nonequilibrium and low probability processes in classical mechanics. p. 3.
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- *OPTIKA I SPEKTROSKOPIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 20, no. 5, May 1966.
- Table of contents translated:
- Perep', V.I., Fedorov, V.L. - Polarization of the 5018 Å helium line under excitation by electron impact. p. 745.
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- REFERATIVNIYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNIYI ZHURNAL: GEOPHIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966. Avtor-skiy ukazatel' za 1966 g. [Author Index for 1966]
- *REFERATIVNIYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1966.
- *TEPLOFIZIKA VYSOKIKH TEMPERATUR [THERMOPHYSICS OF HIGH TEMPERATURES]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 1, Jan.-Feb. 1966.
- Table of contents translated:
- Vinogradov, A.V., Poluektov, I.A. - Excitation of atoms by neutral particles. p. 3.
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- *USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.89, no.1, May 1966.
- Table of contents translated:
- Trautman, A. - General theory of relativity. p.3.
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- Table of contents translated:
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- Table of contents translated:
- Blokhin, N.N. - Introductory speech by the President of the Academy of Medical Sciences of the U.S.S.R. p.3.
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- Table of contents translated:
- Nazirov, M.R., Melikova, T.A., Ghashekhina, T.P. - Etiology, pathogenesis and clinical aspects of the hepato-ileal syndrome. Report No.1. p.9.
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- *BULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE].** Issued by Akademiya meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol.61, no.5, May 1966.
- Table of contents translated:
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- *MEDITSINSKAIA RADIOLOGIJA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 11, no. 6, May 1966.
- Table of contents translated:
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- *MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 1, vol. 10, no. 6, June 1966.
- Razdel [Section] 2, vol. 10, no. 6, June 1966.
- Razdel [Section] 3, vol. 10, no. 5, May 1966.
- Razdel [Section] 5, vol. 10, nos. 5-8, May-June 1966.
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- Razdel [Section] 11, vol. 10, nos. 5-6, May-June 1966.
- Razdel [Section] 12, vol. 10, no. 6, June 1966.
- Razdel [Section] 13, vol. 10, nos. 5-6, May-June 1966.
- MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia and Akademii nauk UzSSR [Ministry of Health and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 4, Apr. 1966.
- REFERATIVNYI ZHURNAL: MEDITSINSKAIA GEOGRAFIJA (Otdel'nyi vypusk 36) [JOURNAL OF ABSTRACTS: MEDICAL GEOGRAPHY (Separate Issue 36)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1966.

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 25, no. 5, 1966.

- Table of contents translated:
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VESELIBA [HEALTH]. Issued by Latvijas PSR Veselības aizsardzības ministrija [Ministry of Health of the Latvian S.S.R.]. Riga, nos. 5(96)-6(97), May-June 1966. [In Latvian]

*VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 12, Dec. 1965.

- Table of contents translated:
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- VRACHEBNOE DELO [MEDICAL PRACTICE].** Organ of Ministerstvo zdoravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.], Kiev, no. 6, June 1966.
- Table of contents translated:
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- Table of contents translated:
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- ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN].** Issued by Ministerstvo zdoravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S.S.R.], Alma-Ata, vol. 28, nos. 5(242)-6(243), May-June 1966. (DNLM)
- ZDRAVOOKHRANENIE ROSSINSKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION].** Issued by Ministerstvo zdoravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.], Moscow, vol. 10, no. 6, May 1966.
- Table of contents translated:
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- ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TSSR [Ministry of Health of the Turkmen S.S.R.]. Ashkhabad, vol. 10, nos. 5(77)-6(78), May-June 1966.
- ZHURNAL EKSPERIMENTAL'NOI I KLINICHESKOI MEDITSINY [JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE]. Issued by Akademii nauk Armianskoi SSR [Academy of Sciences of the Armenian S.S.R.]. Erevan, vol. 8, no. 2, 1966.
- Table of contents translated:
- Ovsepian, S.A. - Methodology for generating experimental hypertrophy of the heart. p. 3.
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- *ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 43, no. 5, May 1966.
- Table of contents translated:
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- c. NEUROLOGY & PSYCHIATRY
- VOPROSY KLINICHESKOI NEVROLOGII I PSIKHIATRII [PROBLEMS OF CLINICAL NEUROLOGY AND PSYCHIATRY]. Issued by Tartuskii gosudarstvennyi universitet [Tartu State University] and others. Tartu, vols. 4-5, 1965.
- (DNLM)
- *ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo nevropatologov i psikiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 66, no. 5, 1966.
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- Table of contents translated:
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- BAKU, AZERBAIDZHANSKII NAUCHNO-ISSLEDOVATELSKII INSTITUT OPHTALMOLOGII. Trudy [AZERBAIJAN SCIENTIFIC RESEARCH INSTITUTE OF OPHTHALMOLOGY. Transactions]. Vol. 4, 1963 [cover 1964].
- Table of contents translated:
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VESTNIK OFTALMOLOGII [REVIEW OF OPHTHALMOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 74, no. 5, Sep.-Oct. 1964; vol. 79, May-June 1966.
 (DNLM)

VESTNIK OTORINOLARINGOLOGII [REVIEW OF OTORHINOLARYNGOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 27, no. 4, July-Aug. 1965.
 (DNLM)

e. PATHOLOGY & THERAPEUTICS

REFERATIVNYI ZHURNAL: OBSHCHE VOPROSY PATOLOGII, ONKOLOGIIA (Otdel'nyi vypusk 53) [JOURNAL OF ABSTRACTS: GENERAL PROBLEMS OF PATHOLOGY, ONCOLOGY (Separate Issue 53)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Avtor-ski ukazatel' za 1965 g. [Author Index for 1965]

TERAPEVTICHESKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 37, nos. 1-4, 8-9, 11, Jan.-Apr., June-Sep., Nov. 1965; vol. 38, no. 4, Apr. 1966.
 (DNLM)

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KULTURY [PROBLEMS OF HEALTH RESORT THERAPY, PHYSICAL THERAPY, AND EXERCISE THERAPY]. Moscow, vol. 31, no. 2, Mar.-Apr. 1966.

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Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, no. 6, 1966.

Table of contents translated:

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BIOTICS]. Issued by Ministerstvo SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 9, no. 10, Oct. 1964.
 Contents translated:
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- MEDITSINSKAIYA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U.S.S.R.].** Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 20, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: FARMAKOLOGIIA, KHIMIO-TERAPEVICHESKIE SREDSTVA, TOKSIKOLOGIIA (Otdel'nyi vypusk 54) [JOURNAL OF ABSTRACTS: PHARMACOLOGY, CHEMOTHERAPEUTICALS, TOXICOLOGY (Separate Issue 54)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Avtorskii ukazatel' za 1965 g. [Author Index for 1965]
- g. PUBLIC HEALTH & NURSING**
- *GIGIENA I SANITARIYA [HYGIENE AND SANITATION].** Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 31, no. 6, June 1966.
- Table of contents translated:
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- MEDITSINSKAIYA SESTRA [MEDICAL NURSE].** Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 25, no. 7, July 1966.
- h. SURGERY & DENTISTRY**
- AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow, Kazakhskii institut klinicheskoi i eksperimental'noi khirurgii. Trudy [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Kazakh Institute of Clinical and Experimental Surgery, Transactions].** Alma-Ata, vol. II, 1965. Materials on cardiovascular surgery.
- Table of contents translated:
- Kolesnikov, S.A., and others. - Surgical treatment of mitral stenosis on open heart under conditions of artificial blood circulation. p. 3.
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AKADEMIA NAUK Gruzinskoi SSR, Tbilis. Institut eksperimental'noi i klinicheskoi khirurgii i gematologii. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of Experimental and Clinical Surgery and Hematology. Transactions]. Tbilis, vol. 8, 1959.

Table of contents translated:
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- (DNLM)

STOMATOLOGIA [STOMATOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 44, nos. 1-3, 5, Jan.-June, Sep.-Oct. 1965.

15. AGRICULTURE

a. GENERAL

- DUSHANDE. TADZHIKSKII SEL'SKOKHOZIAISTVENNIY INSTITUT. Trudy [TADJIK AGRICULTURAL INSTITUTE. Transactions]. Vol. 7, 1965.
- Table of contents translated:
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ESTI POLLUMATANDUSE AKADEEMIA, Tartu. Teaduslike tööde kogumik. Sbornik nauchnykh trudov Estonskoi sel'skokhoziaistvennoy akademii [ESTONIAN AGRICULTURAL ACADEMY, Papers]. Tartu, no. 41, 1965.

(DNAL)

GIDROTEKHNIKA I MELIORATSIYA [HYDRAULIC ENGINEERING AND RECLAMATION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 18, no. 6, June 1966.

- Table of contents translated:
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- KAZAKH S. S. R. Upravlenie propagandy i nauchno-tekhnicheskoi informatsii. Nauchno-tekhnicheskaya informatsiya po sel'skomu khoziaistvu [Administration of Propaganda and Scientific and Technical Information. Scientific and Technical Information on Agriculture]. Alma-Ata, no. 4, 1965.
- KAZAKHSTANNYI AVYL SHARUASHYLYGY [KAZAKH-STAN AGRICULTURE]. Alma-Ata, no. 6, June 1966. [In Kazakh]
- KHIMIYA V SEL'SKOM KHOZIAISTVE [CHEMISTRY IN AGRICULTURE]. Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR and Ministerstvo sel'skogo khoziaistva SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U. S. S. R. and the Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 4, no. 2(26), Feb. 1966.
- Table of contents translated:
- Tonkal', E. A., Naumova, E. P. - Effect of mineral nutrition on the protein complex in sugar beets. p. 2.
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- KUYBYSHEV. SEL'SKOKHOZIAISTVENNYI INSTITUT. Izvestia [AGRICULTURAL INSTITUTE. Bulletin]. Vol. 17, 1965. Transactions of the Scientific Conference of the Faculties of Agronomy and Zootechny in 1965.
- Table of contents translated:
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- LATVIJAS HIDROTEHNIKAS UN MELIORACIJAS ZINATNISKI PETNIECISKAS INSTITUTS. Trudy Latvijasgo nauchno-issledovatel'skogo instituta hidro-tehniki i melioratsii [LATVIAN SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING AND RECLAMATION. Transactions]. Riga, no. 3(10), 1965.
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Laboratorija biokhimii polvu i mikroelementu. Trudy [ACADEMY OF SCIENCES OF THE LATVIAN S. S. R. Laboratory of the Biochemistry of Soils and Microelements. Transactions]. Riga, no. 4, 1965.
- MEKHAIZATSIJA I ELEKTRIFIKACIJA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 24, no. 5, 1966.
- Table of contents translated:
- Tarasov, N. N. - Tractor and agricultural machinery industry in the new five-year plan. p. 2.
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- MEKHAIZATSIJA SIL'SKOHO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE]. Organ of Ukraina'ke ob'ednannia Rady Ministriv URSR "Ukrsl'hozhspetkhnik" [Ukrainian Association "Ukrsl'hozhspetkhnik" of the Council of Ministers of the Ukrainian S. S. R.]. Kiev, vol. 17, no. 7(100), July 1966.
- MEZH DUNARODNYI SEL'SKOKHOZIAISTVENNYI ZHURNAL [INTERNATIONAL AGRICULTURAL JOURNAL]. Issued by Postoiannata komiteta po sel'skomu khoziaistvu Soveta ekonomicheskoi vzaimopomoshchi [Permanent Committee on Agriculture of the Council for Mutual Economic Assistance]. Moscow, vol. 10, nos. 1, 3, 1966.
- KHLIBOROB UKRAINY [THE FARMER OF THE UKRAINE]. Issued by Ministerstvo vyrobnyatva i zahotiv' sil's'kohospodars'kykh produktiv URSR [Ministry of the Production and Procurement of Agricultural Products of the Ukrainian S. S. R.]. Kiev, no. 6, 1966.
- KREST'YANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda," Moscow, vol. 45, no. 6, June 1966.

MOSCOW, VSESOIUZNIY INSTITUT NAUCHNO-TEKHNI-
CHESKOI INFORMATSII PO SEL'SKOMU KHOZIAI-
STVU. Informatsionnyi biulleten' [ALL-UNION IN-
STITUTE OF SCIENTIFIC AND TECHNICAL INFOR-
MATION ON AGRICULTURE, Information Bulletin].
No. 1, 1965.

REFERATIVNIYI ZHURNAL: POCHVOVEDENIE I AGRO-
KHIMIA (Oldel'nyi vypusk 57) [JOURNAL OF AB-
STRACTS: SOIL SCIENCE AND AGROCHEMISTRY
(Separate Issue 57)]. Issued by Institut nauchnoi in-
formatsii Akademii nauk SSSR [Institute of Scientific
Information of the Academy of Sciences of the
U.S.S.R.], Moscow, nos. 1-3, Jan.-Mar. 1965.

SEL'SKOE KHOZIAISTVO BELORUSII [AGRICULTURE
OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo
khoziaistva Belorusskoi SSR [Ministry of Agriculture
of the White Russian S.S.R.], Minsk, vol. 14,
nos. 11(203)-12(204), June-July 1965.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICUL-
TURE OF KAZAKHSTAN]. Issued by Tsentral'nyi
Komitet Kommunisticheskoi partii Kazakhstana
[Central Committee of the Communist Party of
Kazakhstan]. Alma-Ata, nos. 6-7, June-July 1965.

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICUL-
TURE OF TURKMENISTAN]. Issued by Ministerstvo
sel'skogo khoziaistva Turkmenskoi SSR [Ministry of
Agriculture of the Turkmen S.S.R.], Ashkhabad,
vol. 10, no. 5, May 1965.

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICUL-
TURE OF UZBEKISTAN]. Issued by Ministerstvo
sel'skogo khoziaistva Uzbekskoi SSR [Ministry of
Agriculture of the Uzbek S.S.R.], Tashkent, no. 5,
May 1965.

SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR
[AGRICULTURAL LITERATURE OF THE U.S.S.R.].
Issued by Tsentral'naya nauchnaya sel'skokhozi-
istvennaya biblioteka [Central Agricultural Library].
no. 5, 1965.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO NECHER-
NOZEMNOI ZONY [AGRICULTURAL PRODUCTION
OF THE NON-CHERNOZEM ZONE]. Organ of Mini-
sterstvo sel'skogo khoziaistva RSFSR [Ministry of
Agriculture of the R.S.F.S.R.], Moscow, vol. 4,
nos. 6-7, 1965.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO POVOL-
ZH'IA [AGRICULTURAL PRODUCTION OF THE
VOLGA VALLEY]. Issued by Ministerstvo sel'skogo
khoziaistva RSFSR [Ministry of Agriculture of the
R.S.F.S.R.], Saratov, vol. 4, nos. 6-7, June-July
1965.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SEVER-
NOGO KAVKAZA I TSCHO [AGRICULTURAL PRO-
DUCTION OF THE NORTHERN CAUCASUS AND THE
CENTRAL CHERNOZEM REGION]. Organ of Mini-
sterstvo sel'skogo khoziaistva RSFSR [Ministry of
Agriculture of the R.S.F.S.R.], Krasnodar, vol. 4,
no. 7, July 1965.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SIBIRI I
DAL'NEGO VOSTOKA [AGRICULTURAL PRODUCTION
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Ministerstvo sel'skogo khoziaistva RSFSR [Ministry
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[In Uzbek]

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW
OF AGRICULTURAL SCIENCE]. Issued by Minister-
stvo sel'skogo khoziaistva Kazakhskoi SSR [Ministry
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vol. 9, no. 5, May 1965.

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- MOSCOW. MOSKOVSKAYA VETERINARNAYA AKADEMIYA. Trudy [MOSCOW VETERINARY MEDICINE ACADEMY. Transactions]. Vol. 14, 1956. Zootechny. Table of contents translated:
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b. ANIMAL INDUSTRY

KIEV. UKRAINSKA AKADEMIA SIL'S'KOHOSPODAR'S'KYKH NAUK. Naukovi pratsi zoolokhicheskoho fakultetu [UKRAINIAN ACADEMY OF AGRICULTURAL SCIENCES. Studies of the Animal Husbandry Faculty]. Vol. 15, no. 3, 1961. Problems of breeding and fattening farm animals.

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POCHELOVODSTVO [APICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 43, no. 7, July 1966. (DNAL)

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Gosudarstvennyi komitet po rybnomu khoziaistvu pri SNKh SSSR [State Committee for Fisheries, Attached to the Economic Council of the U.S.S.R.]. Moscow, vol. 42, no. 5, 1966.

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- TROITSK. VETERINARNYI INSTITUT. Trudy [VETERINARY INSTITUTE. Transactions]. Vol. 9, 1965.**
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- VOPROSY VETERINARNOI VIRUSOLOGII [PROBLEMS IN VETERINARY VIROLOGY].** Moscow, vol. 2, 1966.
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- Table of contents translated:
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- Table of contents translated:
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MOSCOW, LESOTEKHINICHESKII INSTITUT. Sbornik rabot [FORESTRY AND LUMBERING INSTITUTE. Papers]. No. 11, 1964. Problems of forest protection.

- Table of contents translated:
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RUSSIA (1923- U.S.S.R.) Ministerstvo vysshago srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Forestry Journal]. Moscow, vol. 9, no. 2, 1966.

- Table of contents translated:
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REFERATIVNIYI ZHURNAL: RASTENIEVOODSTVO (Otdel'nyi vypusk 55) [JOURNAL OF ABSTRACTS: PLANT CULTURE (Separate Issue 55)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966. Avtorskiy ukazatel' za 1965 g. [Author Index for 1965]

TABAK [TOBACCO]. Organ of Gosudarstvennyi komitet po pishchevot promyshlennosti pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevot promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 27, no. 2, 1966. (DNAL)

VINODELIE I VINOGRADARSTVO SSSR [WINE MAKING AND VITICULTURE IN THE U.S.S.R.]. Organ of Ministerstva pishchevot promyshlennosti SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevot promyshlennosti [Ministry of the Food Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 20, no. 4(243), 1966.

ZERNOBODOVYE KULTURY [PULSE CROPS]. Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 3, nos. 3-12, 1965. (DNAL)

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a. GENERAL

AKADEMIA NAUK ARMIAANSKOI SSR, Erivan. Izvestia. Seriya tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Series in the Technological Sciences]. Erivan, vol. 19, no. 2, 1966.

- Table of contents translated:
- Ovsopian, V.M. - Direct determination of the maximum efficiency of a ram unit. p. 3.
- Brutian, V.K. - Effect of a water hammer in the system of branched piping on the optimal control of hydraulic turbines. p. 10.
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- Table of contents translated:
- Khamukhanov, M.Z., Khushinov, A.A. - Study of the effect of voltage asymmetry on the principal characteristics of a frequency regulated asynchronous motor using an electronic digital computer. p. 3.

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*GELIOTEKHNIKA [SOLAR ENERGY ENGINEERING]. Issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 2, 1966.

Table of contents translated:

Slavianskiy, V.T., Krestnikova, E.N., Romanova, N.V. - Lightweight mirrors made from glass and Pyroceram. p. 5.

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INFORMATSIONNIY UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Issued by Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U.S.S.R.]. Moscow, vol. 20, no. 11, 1965.

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM and Tsentral'nyi sovet pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers]. Moscow, vol. 10, no. 7, July 1966.

*IZOBRETIENIA, PROMYSHLENNYE OBJEKTSY, TOVARNYE ZNAKI [INVENTIONS, INDUSTRIAL SAMPLES, TRADEMARKS]. Issued by Komitet po dolam izobretenii i otkryti pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 43, nos. 10-11, 1966.

LENINGRAD, POLITEKHNIЧЕСКИЙ ИНСТИТУТ. Trudy [POLYTECHNIC INSTITUTE. Transactions]. No. 289, 1965. Transient processes in an automated electric drive.

Table of contents translated:

Drannikov, V.G. - Prospects for the development of automated electric drives with magnetic and semiconductor devices. p. 3.

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MOSCOW, VSESOUZNIYI INSTITUT NAUCHNOI I TEKHNIЧЕСKOI INFORMATSII. Nauchno-tekhnicheskaya informatsiya [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Scientific and Technical Information]. No. 5, 1966.

Table of contents translated:

Polovinchik, A.N. - Planning the economic effect of using information at industrial enterprises. p. 3.

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PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA], issued by Sovet narodnogo khoziaistva Armianskoi SSR [Economic Council of the Armenian S.S.R.], Eriyan, vol.9, no.6, 1966.

Table of contents translated:

- Arutunian, G. - Boundaries of creative activity. p.3.
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Table of contents translated:

- Sidorovich, I.R. - Attention to the technical progress. p.1.
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REFERATIVNYI ZHURNAL: METROLOGIA I IZMERITEL'NAIA TEKHNIKA (Older'nii vypusk 32) [JOURNAL OF ABSTRACTS: MEASUREMENT AND MEASUREMENT TECHNIQUES (Separate Issue 32)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no.5, May 1966.

REFERATIVNYI ZHURNAL: NAUCHNAIA I TEKHNICHESKAIA INFORMATSIIA (Older'nii vypusk 59) [JOURNAL OF ABSTRACTS: SCIENTIFIC AND TECHNICAL INFORMATION (Separate Issue 59)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no.3, May 1966.

RIGA. POLITEHNISKAIS INSTITUTS. Zinatniskie raksti. Uchenye zapiski Rizhskogo politehnicheskogo instituta [POLYTECHNIC INSTITUTE, Studies], Vol.15, 1964. Avtomatizatsiia proizvodstvennykh protsessov v mashinostroenii i priborostroenii [Automation of industrial processes in machinery and instrument manufacture], no.3.

TALLINN. POLYTEHNIILINE INSTITUUT. Toimetised. Seria A. Trudy Tallinskogo politehnicheskogo instituta [POLYTECHNIC INSTITUTE, Studies], No.220, 1965. Trudy po elektrotekhnike i avtomatike [Papers on Electrical Engineering and Automatic Control], no.3, No.221, 1965. Trudy po gornomu delu [Papers on Mining], no.2, No.233, 1966. Sbornik statei po sanitarnoi tekhnike [Papers on Sanitary Engineering], no.3.

VOPROSY IZOBRETEL'STVA [PROBLEMS OF INVENTION], issued by Tsentral'nyi nauchno-issledovatel'skii institut patentnoi informatsii i tekhniko-ekonomicheskikh issledovanii [Central Scientific Research Institute of Patent Information and Technical Economic Studies], Moscow, no.1, Jan. 1966.

Table of contents translated:

- Maksarev, I.U.E. - Tasks of the Committee and patent and invention services in the light of the decisions of the September Plenum of the Central Committee of the CPSU. p.3.
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- Table of contents translated:
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REFERATIVNYI ZHURNAL: RAKETOSTROENIE (Otdel'nyi vypusk 41) [JOURNAL OF ABSTRACTS: ROCKET BUILDING (Separate Issue 41)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1968.

REFERATIVNYI ZHURNAL: VOZDUSHNYI TRANSPORT [JOURNAL OF ABSTRACTS: AIR TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1968.

c. CHEMICAL TECHNOLOGY

GAZOVAYA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Gosudarstvennyi proizvodstvennyi komitet po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.] and others. Leningrad, vol. II, no. 5, 1968.

- Table of contents translated:
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- RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii: plachhevala tekhnologiia [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Food Technology].** Moscow, no. 3(52), 1966.
- Table of contents translated:**
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- *ZHURNAL PRIKLADNOI KHIMI [JOURNAL OF APPLIED CHEMISTRY].** Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 38, 1965. Ukazatel' [Index].
- Vol. 39, no. 5, May 1966.
- Table of contents translated:**
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EL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Industry of the U.S.S.R.]. Moscow, vol. 12, no. 2, 1966.

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- *AVTOMATIKA I TELEMEXHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatiki i telemexhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1966.
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- ENERGOKHOZIAISTVO ZA HUBEZHOM; prilozhenie k zhurnalu "Elektrichesko stanisl" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOURTH COUNTRIES; Supplement to the Periodical "Electric Power Stations"].** Issued by Gosudarstvenna energeticheska izdatel'stvo [State Power Engineering Publishing House]. Moscow, no. 3, May-June 1966.
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Elektronika un skaitotekhnika instituts. Avtomatika i vychislitelpatla tehnika [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Institute of Electronics and Computer Technology. Automatic Control and Computer Technology].** Riga, vol. 11, 1966.
- MOSCOW, VSESOUZNYI ELEKTROTEKHNIЧЕСКИЙ ИНСТИТУТ. Trudy [ALL-UNION INSTITUTE OF ELECTRICAL ENGINEERING. Transactions].** No. 73, 1966. Avtomaticheskii regulirovannyi vorobkdenia [Automatic excitation controllers].
- Table of contents translated:
- Alekseev, L. F., and others. - Automatic excitation controllers with strong action for hydraulic turbine and generator units, turbogenerators, and synchronous compensators with electronic excitation system. p. 11.
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- PROMYSLENNAYA ENERGETIKA [INDUSTRIAL POWER].** Organ of Ministerstvo energetiki i elektrifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Ministry of Power and Electrification of the U.S.S.R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 21, no. 5, May 1966.
- Table of contents translated:
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- RADIO.** Organ of Ministerstvo svyazi SSSR and Vsesoyuznoe dobrovol'noe obshchestvo sodel'stviya armii, aviatse i fliota [Ministry of Communication of the U.S.S.R. and the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 5, May 1966.
- Table of contents translated:
- Following the road shown us by the party. p.1.
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- *RADIOTEKHNIKA [RADIO ENGINEERING].** Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosv'yazi im. A.S. Popova [A.S. Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol. 21, no. 5, May 1966.
- Table of contents translated:
- Toward continued progress of science and for technological progress. p.1.
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- *RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 11, no. 6, June 1966.
- Table of contents translated:
- Tyslatski, G.S. - Sequential detection with many independent reception channels with noise. p.971.
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- REFERATIVNIY ZHURNAL: ELEKTRONIKA I EE PRIMENENIE [JOURNAL OF ABSTRACTS: ELECTRONICS AND ITS APPLICATIONS].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 5-6, May-June 1966. Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]. Permutatsionnyi ukazatel' za 1966 g. (Probnyi vypusk) [Key Word in Context Index for 1966. (Experimental Issue)].
- REFERATIVNIY ZHURNAL: IADERNYE REAKTORY (Otdel'nyi vypusk 50) [JOURNAL OF ABSTRACTS: NUCLEAR REACTORS (Separate Issue 50)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 5, May 1966.
- REFERATIVNIY ZHURNAL: RADIOTEKHNIKA I ELEKTROSVIAZ' [JOURNAL OF ABSTRACTS: RADIO ENGINEERING AND TELECOMMUNICATION].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 5, May 1966.
- RIGA. POLITEHNISKAIS INSTITUTS. Zinatiskie raksti. Uchenye zapiski Rizhskego politehniskheskogo instituta [POLYTECHNIC INSTITUTE. Studies].** Vol. 14, 1965. Elektroenergetikas fakultate, Elektroenergetiskheskii fakul'tet [Electric Power Faculty], no. 5.
- RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshiikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus].** Novocherkassk, vol. 9, no. 5, 1966.
- Table of contents translated:
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- RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshiikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering].** Moscow, vol. 9, no. 5, May 1966.
- Table of contents translated:
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- SVETOTEKHNKA [LIGHTING ENGINEERING].** Organ of Ministerstva elektrotekhnicheskoi promyshlennosti SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [Ministry of the Electrical Engineering Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 12, no. 6, June 1966.
- Table of contents translated:
- Reiter, V. - Mechanism of the breakdown of fluorescent lamps in startless operational circuits. p. 1.

- Chernyshova, N. V. - Calculation of the flux distribution of sealed underwater light fixtures with plane protective glasses. p. 4.
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V POMOSHCH' RADIOIUBITELIU [A GUIDE FOR RADIO AMATEURS]. Issued by Vsesoluznoe dobrovol'noe obshchestvo radioamatsiv, aviatist i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 24, 1965.

***VESTNIK SVIAZI [COMMUNICATION REVIEW].** Issued by Ministerstvo svyazi SSSR and Tsentral'nyi komitet Profsoyuza rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Communication of the U.S.S.R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways]. Moscow, vol. 26, no. 3(312), Mar. 1966.

- Table of contents translated:
- Pavlov, N. D. - We should move still faster along the path of technological progress. p. 1.
- Efficient work in honor of the party congress. p. 3.
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- Marchenko, M. P. - Introducing business accounting within industry. p. 10.
- Baranovskii, B. K. - New equipment for multiple utilization and commutation of receiving antennas in the shortwave band. p. 11.
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- Table of contents translated:
- Woodworking industry in the new five-year plan. p. 1.
- Il'inski, S. A. - Basic trends in the development of automatic and semiautomatic lines in the production of wooden structural parts. p. 3.
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- Table of contents translated:
- Program for the development of industry. p. 2.
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- Table of contents translated:
- Editorial: Aiming for a high quality of leather. p. 1.
- Inozemtsov, D. S. - Methodology of determining the labor input for production in the enterprises of light industry. p. 4.
- Manusov, E. A., Khtzhnink, L. T. - Application of linear programming in calculating the optimum assortment of stiff leather in case of centralized clicking. p. 7.
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- Koniarova, V. R. - Footwear for teen-age girls. p. 14.
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MODEL' SEZONA [SEASON'S FASHIONS]. Issued by Vsesoluznyi institut assortimenta izdoli legkoi promyshlennosti i kul'tury odevzdy [All-Union Institute of the Products of Light Industry and the Style of Clothing]. Moscow, no. 1, Spring - Summer 1966.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 32, no. 5, May 1966.

- Table of contents translated:
- Inspirational influence of the 23d Congress of the CPSU. p. 1.
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- Zubarev, A. - Leading workers of the Tetkino Milling Combine. p. 4.
- Remizov, N. - Labor passport of the sifter A. M. Vinokurova. p. 5.
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REFERATIVNYI ZHURNAL: LEGKAYA PROMYSHLENNOST' [JOURNAL OF ABSTRACTS: LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii i akademicheskoi nauki SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1986. [This journal is also issued in parts.]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshih uchebnykh zavedenii; tekhnologiya legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Technology of Light Industry]. Moscow, no. 2(50), 1986.

Table of contents translated:

- Rozhok, V.D., Ispryan, G.P. - Economic analysis of the conversion coefficients of raw leather grading. p. 3.
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SLUZHBA BYTA [SERVICE INDUSTRIES]. Issued by Ministerstvo bytovogo obsluzhivaniia naseleniia RSFSR and TsK Profsoiuza rabochikh kommunal'no-bytovykh predpriatii [Ministry of Service Industries of the R.S.F.S.R. and the Central Committee of the Trade Union of Workers of Service Enterprises]. Moscow, vol. 4, nos. 6-7, June-July 1986.

g. MECHANICAL ENGINEERING

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet avtotransportnogo i sel'skokhoziaistvennogo mashinostroeniia pri Gosplane SSSR [State Committee for the Tractor and Agricultural Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.], Moscow, vol. 32, no. 6, June 1986.

Table of contents translated:

- Morozov, K.A., Cherniak, B.I.A. - Improving power indices of carburetor engines by adjusting exhaust systems. p. 1.
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AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and Tsentral'nyi komitet Profsoiuza rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 44, no. 6, May 1986.

Table of contents translated:

- Shupliakov, S. - Harvest transportation is an urgent task of automotive transportation workers. p. 1.
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- Aronov, D. - Operating properties of oil for motor vehicle engines. p. 23.
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- PROBLEMY TEPLOENERGETIKI I PRIKLADNOY TEPLIFIZIKI [PROBLEMS IN HEAT ENGINEERING AND APPLIED THERMOPHYSICS]. Issued by Kazhskii nauchno-issledovatel'skii institut energetiki [Kazakh Scientific Research Institute of Power]. Alma-Ata, no.2, 1965.
- Table of contents translated:
- Semenenko, N.A. - Principal objectives and prospects for the development of the problem of aerostatic power resources in nonferrous metallurgy. p.1.
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- REFERATIVNYI ZHURNAL: AVTOMOBIL'NYI I GORODSKOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOTIVE AND CITY TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966. [This journal is also issued in parts.]
- REFERATIVNYI ZHURNAL: Dvigateli vnutrennego skora (Oldel'nyi vypusk 39) [JOURNAL OF ABSTRACTS: INTERNAL COMBUSTION ENGINES (Separate Issue 39)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Fotokinetika (Oldel'nyi vypusk 46) [JOURNAL OF ABSTRACTS: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT (Separate Issue 46)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Kommunal'noe, bytovoe i torgovoe oborudovanie (Oldel'nyi vypusk 33) [JOURNAL OF ABSTRACTS: COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT (Separate Issue 33)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Kotlostroenie (Oldel'nyi vypusk 42) [JOURNAL OF ABSTRACTS: BOILER MANUFACTURE (Separate Issue 42)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Mashinostroitel'nye materialy, konstruktiv i raschet detalei mashin, gidroprivod (Oldel'nyi vypusk 48) [JOURNAL OF ABSTRACTS: MATERIALS FOR MACHINE PARTS, HYDRAULIC DRIVE (Separate Issue 48)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Nasosostroenie i kompressorostroenie (Oldel'nyi vypusk 61) [JOURNAL OF ABSTRACTS: MANUFACTURE OF PUMPS AND COMPRESSORS (Separate Issue 61)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1966.
- REFERATIVNYI ZHURNAL: Oborudovanie pishchevnoi promyshlennosti (Oldel'nyi vypusk 38) [JOURNAL OF ABSTRACTS: EQUIPMENT OF THE FOOD INDUSTRY (Separate Issue 38)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, May 1966.
- REFERATIVNYI ZHURNAL: Promyshlennyi transport [JOURNAL OF ABSTRACTS: INDUSTRIAL TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966. Predmetnyi ukazatel' za 1966 g. [Subject Index for 1966]
- REFERATIVNYI ZHURNAL: Tekhnologiya i oborudovanie tsellulozno-bumazhnogo i poligraficheskogo proizvodstva (Oldel'nyi vypusk 37) [JOURNAL OF ABSTRACTS: TECHNOLOGY AND EQUIPMENT OF THE WOODPULP, PAPER, AND PRINTING INDUSTRY (Separate Issue 37)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Tekhnologiya mashinostroyeniya [JOURNAL OF ABSTRACTS: TECHNOLOGY OF MACHINE MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Teploenergetika [JOURNAL OF ABSTRACTS: HEAT ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1966.
- REFERATIVNYI ZHURNAL: Traktory i sel'skokhoziaistvennyye mashiny i orudiya (Oldel'nyi vypusk 44) [JOURNAL OF ABSTRACTS: TRACTORS AND AGRICULTURAL MACHINERY AND EQUIPMENT (Separate Issue 44)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Truboprovodnyi transport (Oldel'nyi vypusk 45) [JOURNAL OF ABSTRACTS: PIPELINE TRANSPORTATION (Separate Issue 45)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Turbostroenie (Oldel'nyi vypusk 49) [JOURNAL OF ABSTRACTS: TURBINE MANUFACTURE (Separate Issue 49)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966. Predmetnyi ukazatel' za 1966 g. [Subject Index for 1966]
- REFERATIVNYI ZHURNAL: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroyenii (Oldel'nyi vypusk 35) [JOURNAL OF ABSTRACTS: PROBLEMS OF TECHNOLOGICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINERY INDUSTRY (Separate Issue 35)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1966.
- REFERATIVNYI ZHURNAL: Vzaimodeistvie raznykh vidov transporta i konteynernyye perevozy (Oldel'nyi vypusk 31) [JOURNAL OF ABSTRACTS: CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION (Separate Issue 31)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- REFERATIVNYI ZHURNAL: Zheleznodorozhnyi transport [JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1966. Predmetnyi ukazatel' za 1966 g. [Subject Index for 1966]
- ROSTOV-ON-DON. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Papers]. No. 49, 1964. Contents: Demchenko, Kh. M. [Devices and units for testing friction pairs and joints used in the manufacture of machinery] Priboi i ustanovki dlia ispytaniya par treniya i soedinenii, primenyaemykh v mashinostroyenii. 91 p.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii; mashinostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machinery Manufacture]. Moscow, no. 4, 1966. Table of contents translated: Chaprina, N. A. - Using the least squares method of approximation in the synthesis of lever three-bar linkages. p. 5. Shaumian, G. G. - Mathematical investigations of the cam mechanism and methods for determining the angle of pressure. p. 9. Svellitskiy, V. A. Tumashov, R. Z. - Determining stresses in transmission arms in case of static application of the moment. p. 14. Aronovich, V. M. - Determining stresses in the framing of thick bracket plates. p. 18. Matkov, N. I. - Ovaling and stresses in a nonuniformly heated fluted cylinder. p. 23. Semonenko, A. N. - Carrying capacity of an axisymmetric spherical shell subjected to internal pressure and coupled with an open cylindrical sleeve. p. 27.
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Table of contents translated: Markin, E. A. - Increasing the resistance to vibration of horizontal broaching machines. p. 1. Voronov, A. E. - Reducing the torsional flexibility of gearboxes. p. 3. Orlikov, M. L., Anosov, I. U. L. - Increasing the rigidity and fixing precision of the block of automatic multispindle lathes. p. 5. Zisman, V. G., Meisler, A. M. - Asynchronous drive of position mechanisms of machine tools. p. 8. Emel'yanova, I. I., and others. - Performance of drives with magnetic amplifiers under dynamic conditions. p. 13. Barabola, S. I. A. - Cutting and teeth on a gear-shaped machine. p. 15. Kurlov, B. A. - Using cylindrical rollers in centering straight bevel gears. p. 17. Funberg, A. L. - Preliminary cutting of hardened screws for screw-rolling nut transmissions. p. 20. Porov, E. N. - Extending technological potentialities of some machine tools. p. 22. Lazarov, G. S. - Machining alloyed chilled cast iron with high-rigidity cutting tools. p. 24. Kromen', Z. I., Dugin, V. N. - Superfinishing alloy steel parts. p. 24. Golubev, I. U. M., Minakhin, N. E. - Increasing the wear resistance of punches by means of ultrasonic cold hardening. p. 27.

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*TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, vol. 13, no. 5, May 1968.

- Table of contents translated:
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- Table of contents translated:
- Tractor and agricultural industry on the new rise. p. 1.
- Starikov, M.D., Firsakov, V.N. - Tractors. p. 3.
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*VESTNIK MASHINOSTROYENIYA [MACHINERY MANUFACTURE REVIEW]. Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others. Moscow, vol. 46, no. 6, June 1968.

- Table of contents translated:
- Vinogradov, K.K. - Decisions of the 23d Congress of the CPSU and problems in the development of the machinery industry. p. 3.
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ZA RULEM [AT THE WHEEL]. Issued by Vsesoluznoe dobrovol'noe obshchestvo sodel'stviya armii, avyatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no.7, July 1966.

ZHELEZNODOROZHNIY TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo puti soobshcheniya SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol.48, no.5, May 1966.

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- Table of contents translated:
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AZERBAIDZHANSKOE NEFTIANOE KHOZIASTVO [AZERBAIJAN PETROLEUM INDUSTRY]. Organ of Sovet narodnogo khoziasstva Azerbaidzhanskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Azerbaidzhanskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [Economic Council of the Azerbaijan S.S.R. and the State Committee of the Council of Ministers of the Azerbaijan S.S.R. for the Coordination of Research]. Baku, vol.46, no.5(479), May 1966.

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- Table of contents translated:
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- Table of contents translated:
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- METALLURGICHESKAIA I GORNORUDNAIA PROMYSHLENNOST' [METALLURGICAL, MINING AND ORE-DRESSING INDUSTRIES]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrainy S.S.R. po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, no. 3(39), May-June 1986.
- Table of contents translated:
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- Table of contents translated:
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NEFTEGAZOVAIA GEOLOGIA I GEOFIZIKA [PETROLEUM AND GAS GEOLOGY AND GEOPHYSICS]. Issued by Gosudarstvennyi komitet nefte dobyvaushchei promyshlennosti pri Gosplane SSSR and Tsentral'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po neflianoi, neftekhimicheskoi i gazovoi promyshlennosti [State Committee for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R., and the Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 5, 1966.

- Table of contents translated:
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NEFTIANIK [THE PETROLEUM WORKER]. Issued by Ministerstvo nefte dobyvaushchei promyshlennosti SSSR [Ministry of Petroleum Production of the U.S.S.R.] and others. Moscow, vol. 10, no. 7, July 1965.

- Table of contents translated:
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NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi komitet nefte dobyvaushchei promyshlennosti pri Gosplane SSSR [State Committee for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 44, no. 5, May 1966.

- Table of contents translated:
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- Table of contents translated:
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- REFERATIVNYI ZHURNAL: GORNYE MASHINY [Otdel'nyi vypusk 43] [JOURNAL OF ABSTRACTS: MINING MACHINERY (Separate Issue 43)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1966.
- *REFERATIVNYI ZHURNAL: METALLURGIYA [JOURNAL OF ABSTRACTS: METALLURGY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1966.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii; cherniia metallurgii [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy].** Moscow, vol. 9, no. 6, 1966.
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- Table of contents translated:
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- SVERDLOVSK. URAL'SKII NAUCHNO-ISLEDOVATEL'SKII KHIMICHESKII INSTITUT. Trudy [URAL CHEMICAL RESEARCH INSTITUTE. Transactions].** Leningrad, no. 11, 1964. Analysis methods in the production control of basic chemical industries.
- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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Table of contents translated:

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UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, vol.10, no.6, June 1966.

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a. MILITARY SCIENCE

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Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 24, nos. 2-3, 6-13, Jan.-July 1966.

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES].

Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 47, no. 12, June 1966.

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NASHI VESTI [OUR NEWS]. Published by Soluz chinovnikov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 21, no. 220, Apr. 1965.

RODIMYI KHAI [NATIVE LAND]. Issued by Donskoe vol'skoye ob'edinenie [Don Cossack Association]. Paris, no. 64, May-June 1966.

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 7(40), July 1966.

VESTNIK Pervopokhodnika [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Pravlenie Kaliforniiskogo obshchestva uchastnikov 1-go Kubanskogo generala Kornilova pokhoda [Administration of the California Association of Veterans of General Kornilov's First Cuban Campaign]. Los Angeles, no. 47/48, Aug.-Sep. 1965.

VOENNYE ZNANIYA [MILITARY KNOWLEDGE]. Issued by Vsesoyuznoe dobrovol'noe obshchestvo sodel'stviya armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 42, no. 6, June 1966.

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b. NAVAL SCIENCE

KATERA I YAKHTY [MOTORBOATS AND SAILBOATS]. Leningrad, no. 5, 1966.

MOSCOW. GOSUDARSTVENNYI PROEKTNO-KONSTRUKTORSKII I NAUCHNO-ISSLEDOVATELSKII INSTITUT MORSKOGO TRANSPORTA. Trudy [STATE DESIGN AND SCIENTIFIC RESEARCH INSTITUTE OF MARINE TRANSPORTATION. Transactions]. No. 4(19), 1965. Engineering studies.

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RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechinogo flota [Ministry of the River Fleet]. Moscow, vol. 23, no. 4, Apr. 1964.

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REFERATIVNYI ZHURNAL: VODNIY TRANSPORT
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Vol. 22 [i.e. vol. 23], no. 8, Aug. 1964.

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- Slutskii, S. - Labor productivity in shipping. p. 6.

PART C

List of Periodicals Indexed and Abbreviations Used

†Titles listed for the first time

Agitator (6)	Agitator [Agitator]	Biul. Verkh. Suda RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sud. Bulletin [Supreme Court. Bulletin]
Aktinometr. ezhem. (13f)	Aktinometricheskii ezhemestnichnik [Actinometric Monthly]	Biul. vulk. sta. (12c)	Akademii nauk SSSR. Sibirskoe otdelenie. Institut vulkanologii. Bulletin' vulkanologicheskikh stantsii [Academy of Sciences of the U. S. S. R. Siberian Department. Seminar of Algebra and Logic. Algebra and Logic]
Alg. i log. (13e)	Akademii nauk SSSR. Sibirskoe otdelenie. Seminar algebrы i logiki. Algebra i logika [Academy of Sciences of the U. S. S. R. Siberian Department. Seminar of Algebra and Logic. Algebra and Logic]	Burenie (16h)	Burenie [Drilling]
Antibiotiki (14f)	Antibiotiki [Antibiotics]	Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Arkh. anat., gist. i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]	Der. prom. (16f)	Derevoobrabatывalushchaya promyshlennost' [Woodworking Industry]
Arkheologiya (4b)	Arkheologiya [Archaeology]	Dif. urav. (13e)	Differentsial'nye uravneniya [Differential Equations]
Arkh. SSSR (10b)	Arkhitektura SSSR [Architecture of the U. S. S. R.]	Dob. i obog. rud tsvel. met. (16h)	Dobycha i obogashchenie rud tsvelnykh metallov [Mining and Dressing Nonferrous Metal Ores]
Arm. khim. zhur. (13d)	Armianskii khimicheskii zhurnal [Armenian Chemical Journal]	Dokl. AN SSSR (13a)	Akademii nauk SSSR. Doklady [Academy of Sciences of the U. S. S. R. Reports]
Astron. zhur. (13b)	Astronomicheskii zhurnal [Journal of Astronomy]	Dop. AN URSR (13a)	Akademii nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S. S. R. Reports]
Atom. energ. (16e)	Atomnaya energiya [Atomic Energy]	Ekon. geog. (5b)	Ekonomicheskaya geografiya [Economic Geography]
Atom. tekhn. za rub. (16e)	Atomnaya tekhnika za rubezhom [Nuclear Engineering Abroad]	Ekon. nefteob. prom. (5b)	Ekonomika nefte dobyvalushchei promyshlennosti [Economics of Petroleum Production]
Av. i kosm. (16b)	Aviatsiya i kosmonavtika [Aviation and Astronautics]	Ekon. sel'khoz. (5b)	Ekonomika sel'skogo khozaystva [Economics of Agriculture]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]	Elek. obr. mat. (16e)	Elektronnaya obrabotka materialov [Electronic Processing of Materials]
Avt. prom. (16g)	Avtomobil'naya promyshlennost' [Automobile Industry]	Elektro-khimiya (13d)	Elektrokhimiya [Electrochemistry]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Elektrotekhnika (16e)	Elektrotekhnika [Electrical Engineering]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]	Energ. i elek. (16e)	Energetika i elektrifikatsiya [Power Engineering and Electrification]
Avtom., telem. i svyaz' (16e)	Avtomatika, telemekhanika i svyaz' [Automatic Control, Remote Control, and Communications]	Energetik (16e)	Energetik [Electric Power Technician]
Avtom. upr. prots. sliva ogn. shliaka iz kov. na met. zav. (16h)	Avtomaticheskoe upravlenie protsessom sliva ognennozhidkogo shliaka iz kovshet na metallurgicheskikh zavodakh [Automatic Control of Fused Slag Pouring off from Ladles in Metallurgical Plants]	Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
Avtomatyka (16e)	Avtomatyka [Automatic Control]	Energomashino-stroenie (16g)	Energomashinstroenie [Power Machinery Construction]
Az. i Afr. seg. (16b)	Azija i Afrika segodnya [Asia and Africa Today]	Ent. oboz. (13e)	Entomologicheskoe obozrenie [Entomological Review]
Azerb. khim. zhur. (13d)	Azerbaidzhanskii khimicheskii zhurnal [Azerbaijan Chemical Journal]	Etal. vrem. v sred. mom. pered. radiosig. (13b)	Etalonnoe vremya v srednie momenty poredach radio signalov [Official Time at Mean Moments of Radio Signal Transmissions]
Azerb. med. zhur. (14a)	Azerbaidzhan tıbbı zhurnalı. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]	Fin. SSSR (5c)	Finansy SSSR [Finance of the U. S. S. R.]
Azerb. nef. khoz. (16h)	Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]	Fiz. met. i metalloved. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Metallography]
BIKI [Prilozh.] (5a)	Biulleten' inostranoi kommercheskoi informatsii; prilozhenie [Bulletin of Foreign Commercial Information; Supplement]	Fiz. -tekhn. probl. razrab. pol. iskop. (16h)	Fiziko-tekhnicheskie problemy razrabotki i razrab. iskopayemykh [Physical and Technological Problems of the Mining of Minerals]
Bet. i zhel. - bet. [Tiflis] (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]. Tiflis.	Fiziol. rast. (13c)	Fiziologiya rastenii [Physiology of Plants]
Bibliot. SSSR (2b)	Biblioteki SSSR [Libraries of the U. S. S. R.]	Gaz. delo (16h)	Gazovoe delo [Gas Industry]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Gaz. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Gello-tekhnika (16a)	Gellotekhnika [Solar Energy Engineering]
Biul. MOIP. Old. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]	Geokhimiya (12c)	Geokhimiya [Geochemistry]
Biul. Ob-va estestvoispyt. (13c)	Voronezh. Universitet. Obshchestvo estestvoispytatelei. Biulleten' [University. Naturalists' Society. Bulletin]		
Biul. sta. opt. nabl. isk. sput. Zem. (13b)	Akademii nauk SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabludeniia iskusstvennykh sputnikov Zemli [Academy of Sciences of the U. S. S. R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]		

Geol. mest. red. elem. (12c)	Geologiya mestorozhdenii redkikh elementov [Geology of Rare-Element Deposits]	Izv. vys. ucheb. zav. i energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
Geol. zhur. (12c)	Geologichnyi zhurnal [Geological Journal]	Izv. vys. ucheb. zav. i les. zhur. (15c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Forestry Journal]
Gidr. i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]	Izv. vys. ucheb. zav. i mashino-str. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machinery Manufacture]
Gidrokhim. mat. (13d)	Gidrokhimicheskie materialy [Materials on Hydrochemistry]	Izv. vys. ucheb. zav. i nefi' i gaz (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; nefi' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]
IAd. fiz. (13f)	IAderniia fizika. Journal of Nuclear Physics.	Izv. vys. ucheb. zav. i plishch. tekhn. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; plishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]
Inform. biul. VINTISKII (15a)	Moscow. Vsesoluznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Informatsionnyi biuleten' [All-Union Institute of Scientific and Technical Information on Agriculture. Information Bulletin]	Izv. vys. ucheb. zav. i tekhn. leg. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]
Inform. o bibliot. dele i bibl. za rub. (2b)	Informatsiia o bibliotekhnicheskoi dele i bibliografii za rubezhom; sbornik materialov [Information about Library Work and Bibliography Abroad; Materials]	Khim. inform. (13d)	Khimicheskii informatsiia; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Chemical Information; Classified Index of Articles in Foreign Periodicals]
Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]	Khim. v sel'. khoz. (15a)	Khimiiia v sel'skom khoziaistve [Chemistry in Agriculture]
Ion. issl. (13f)	Akademiiia nauk SSSR. Mezhdudedomstvennyi geofizicheskii komitet. Ionosfernye issledovaniia [Academy of Sciences of the U.S.S.R. Interdepartmental Geophysical Committee. Ionospheric Research]	Khleb. i kond. prom. (16f)	Khlebopekarniia i konditerskaiia promyshlennost' [Baking and Confectionery Industry]
Issl. meteor. (13b)	Akademiiia nauk SSSR. Mezhdudedomstvennyi geofizicheskii komitet. Issledovanie meteorov [Academy of Sciences of the U.S.S.R. Interdepartmental Geophysical Committee. Meteor Investigations]	Kibernetika (13e)	Kibernetika [Cybernetics]
Izobr., prom. obraz., tov. znak. (16a)	Izobreteniia, promyshlennye obratzy, tovarnye znaki [Inventions, Industrial Samples, Trademarks]	Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysts]
Izot. v SSSR (13f)	Izotopy v SSSR [Isotopes in the U.S.S.R.]	Kniga; issl. i mat. (2c)	Kniga; issledovaniia i materialy [The Book; Studies and Papers]
Izv. AN Arm. SSR. Ser. tekhn. nauk (10a)	Akademiiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriiia tekhnicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in the Technological Sciences]	Knizh. let. (2a)	Knizhnaiia letopis' [Book Chronicle]
Izv. AN SSSR. Fiz. atm. i okeana (13f)	Akademiiia nauk SSSR. Izvestiia. Fizika atmosfery i okeana [Academy of Sciences of the U.S.S.R. Bulletin. Atmospheric and Oceanic Physics]	Knizh. torg. (2c)	Knizhnaiia torgovlia [Book Trade]
Izv. AN SSSR. Met. (16h)	Akademiiia nauk SSSR. Izvestiia. Metally [Academy of Sciences of the U.S.S.R. Bulletin. Metals]	Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Izv. AN SSSR. Ser. fiz. (13d)	Akademiiia nauk SSSR. Izvestiia. Seriiia fizicheskaiia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]	Kommunist (6)	Kommunist [Communist]
Izv. AN SSSR. Ser. geog. (12b)	Akademiiia nauk SSSR. Izvestiia. Seriiia geograficheskaiia [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series]	Kozh. -obuv. prom. (16f)	Kozhevenno-obuvnaya promyshlennost' [Leather and Footwear Industry]
Izv. AN SSSR. Ser. geol. (12c)	Akademiiia nauk SSSR. Izvestiia. Seriiia geologicheskaiia [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]	Kuz. -shtam. proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Izv. AN SSSR. Ser. khim. (13d)	Akademiiia nauk SSSR. Izvestiia. Seriiia khimicheskaiia [Academy of Sciences of the U.S.S.R. Bulletin. Chemical Series]	Lek. i syr. res. Irk. obl. (14f)	Lekarstvennye i syr'evye resursy Irkutskoi oblasti [Pharmaceutical and Raw Material Resources of Irkutsk Province]
Izv. AN Uz. SSR. Ser. tekhn. nauk (16a)	Akademiiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriiia tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Technical Sciences]	Les. khoz. (15c)	Lesnoe khoziaistvo [Forestry]
Izv. Alt. otd. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Altaiiskii otdel. Izvestiia [Geographical Society of the U.S.S.R. Altai Branch. Bulletin]	Les. prom. (15c)	Lesnaya promyshlennost' [Forest Industries]
Izv. Kir. (III. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Kirgizskii filial. Izvestiia [Geographical Society of the U.S.S.R. Kirghiz Branch. Bulletin]	Let. druku BSSR (2a)	Letapis druku BSSR. Letopis' pechat' BSSR [Chronicle of the Publications of the White Russian S.S.R.]
Izv. Kulb. SKHI (16a)	Kuybyshev. Sel'skokhoziaistvennyi institut. Izvestiia [Agricultural Institute. Bulletin]	Let. gazet. st. (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Izv. Otd. biol. nauk AN Tadzh. SSR (13c)	Akademiiia nauk Tadzhikskoi SSR, Dushanbe. Otdelenie biologicheskikh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Biological Sciences. Bulletin]	Let. pech. Mold. SSR (2a)	Letopis' pechat' Moldavskoi SSR [Chronicle of the Publications of the Moldavian S.S.R.]
Izv. SO AN SSSR. Ser. khim. nauk (13d)	Akademiiia nauk SSSR. Sibirskoe otdelenie. Izvestiia. Seriiia khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin. Series in the Chemical Sciences]	Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Izv. Vses. geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR. Izvestiia [Geographic Society of the U.S.S.R. Bulletin]	Lit. i isk. nar. SSSR i zarub. stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries]
Izv. vys. ucheb. zav. i chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaya metallurgiiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]	Lit. po ped. nauk i nar. obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniu [Literature on the Pedagogical Sciences and Public Education]
Izv. vys. ucheb. zav. i elektromekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]	Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
		Mat. po geol. TSentr. Kazakh. (12c)	Materialy po geologii TSentral'nogo Kazakhstana [Materials on the Geology of Central Kazakhstan]
		Mat. po geol. Zap. -Sib. niz. (12c)	Materialy po geologii Zapadno-Sibirskoi nizmennosti [Materials on the Geology of the West Siberian Plain]

Med. rad. (14a)	Meditsinskaya radiologiya [Medical Radiology]	Nov. knigi za rub. po obshchestv. naukam (2a)	Novye knigi za rubezhom po obshchestvennyim naukam; ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Med. ref. zhur. (14a)	Meditsinskiy referativnyi zhurnal [Medical Abstracts]	Nov. lit. o nauke i nauch. - issl. rab. za rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Mekh. i avtom. proizv. (18g)	Mekhanizatsiya i avtomatizatsiya proizvodstva [Mechanization and Automation of Production]	Nov. lit. po Bolg. (2a)	Novaya literatura po Bolgarii [New Literature on Bulgaria]
Mekh. i elek. sots. sel'khoz. (15a)	Mekhanizatsiya i elektrifikatsiya sotsialisticheskogo sel'skogo khozaistva [Mechanization and Electrification of Socialist Agriculture]	Nov. lit. po Ger. Dem. Resp. (2a)	Novaya literatura po Germanской Demokraticheskoi Respublike [New Literature on the German Democratic Republic]
Met. i gornorud. prom. (16h)	Metallurgicheskaya i gornorudnaya promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]	Nov. lit. po Iug. (2a)	Novaya literatura po Iugoslavii [New Literature on Yugoslavia]
Meteor. i gidrol. (13f)	Meteorologiya i gidrologiya [Meteorology and Hydrology]	Nov. lit. po obshch. probl. evrop. sots. stran (4a)	Novaya literatura po obshchim problemam evropejskikh sotsialisticheskikh stran [New Literature on the General Problems of the European Socialist Countries]
Mezhdunar. zhizn' (6)	Mezhdunarodnaya zhizn' [International Life]	Nov. lit. po Pol'. (2a)	Novaya literatura po Pol'she [New Literature on Poland]
Mir. ekon. i mezhdunar. otn. (5b)	Mirovaya ekonomika i mezhdunarodnye otnosheniya [World Economics and International Relations]	Nov. lit. po Rum. (2a)	Novaya literatura po Rumynii [New Literature on Romania]
Mod. sezona (18f)	Modell sezona [Season's Fashions]	Nov. lit. po Veng. (2a)	Novaya literatura po Vengrii [New Literature on Hungary]
Mol. komm. (6)	Molodoi kommunist [The Young Communist]	Nov. sov. ekon. lit. (5b)	Novaya sovetskaya ekonomicheskaya literatura [New Soviet Economic Literature]
Muk. - elev. prom. (16f)	Mukomol'no-elevatornaya promyshlennost' [Flour Milling and Grain Storage]	Nov. sov. i inostr. lit. po stran. Az. i Afr. (2a)	Novaya sovetskaya i inostrannaya literatura po stranam Azii i Afriki [New Soviet and Foreign Literature on the Countries of Asia and Africa]
NTI (18a)	Moscow. Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii. Nauchno-tekhnicheskaya informatsiya [All-Union Institute of Scientific and Technical Information. Scientific and Technical Information]	Nov. sov. i inostr. lit. po vop. ateiz. i rel. (3b)	Novaya sovetskaya i inostrannaya literatura po voprosam ateizma i religii [New Soviet and Foreign Literature on the Problems of Atheism and Religion]
Nar. Az. i Afr. (4a)	Narody Azii i Afriki; istoriya, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]	Nov. sov. lit. o nauke i nauch. - issl. rab. v SSSR (2a)	Novaya sovetskaya literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]	Nov. sov. lit. po filos. (3a)	Novaya sovetskaya literatura po filosofii [New Soviet Literature on Philosophy]
Nauch. dokl. vys. shkoly; ekon. nauki (5b)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]	Nov. sov. lit. po iaz. (11a)	Novaya sovetskaya literatura po iazykoznaniiu [New Soviet Literature on Linguistics]
Nauch. trudy TashGU, ist. nauki (4a)	Tashkent. Universitet. Nauchnye trudy. Istoricheskie nauki [University. Studies, Historical Sciences]	Nov. sov. lit. po ist., arkh. i etn. (4a)	Novaya sovetskaya literatura po istorii, arkhologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
Nauk. pratsi z ist. KPRS (4a)	† Naukovi pratsi z istorii KPRS [Studies on the History of the CPSU]	Nov. tov. (5a)	Novye tovary; informatsionnyiulleten' [New Consumer Goods; Information Bulletin]
Nauk. pratsi zootekh. fak. UASHN (15b)	† Kiev. Ukrain'ska akademiya sel'skokhospodars'kykh nauk. Naukovi pratsi zootekhnicheskogo fakultetu [Ukrainian Academy of Agricultural Sciences. Studies of the Animal Husbandry Faculty]	Nov. vrem. (6)	Novoe vremia [New Times]
Neft. i gaz. prom. (16h)	Neftianaya i gazovaya promyshlennost' [Petroleum and Gas Industry]	Okhr. priro. Tsent. Chern. pol. (13a)	† Okhrana prirody Tsentral'no-Chernozemnoi polony [Conservation in the Central Black Earth Bull]
Neft. khoz. (16h)	Neftianoe khozaistvo [The Petroleum Industry]	Opr. po faune (13a)	Opredeliteli po faune SSSR [Guides to the Fauna of the U. S. S. R.]
Neftegaz. geol. i geofiz. (16h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]	Opt. i spektr. (13f)	Optika i spektroskopiya [Optics and Spectroscopy]
Neftekhimiya (16c)	Neftekhimiya [Petrochemistry]	Part. zhizn' (6)	Partiinaya zhizn' [Party Life]
Neftianik (16h)	Neftianik [The Petroleum Worker]	Plan. khoz. (5b)	Plannovoe khozaistvo [Planned Economy]
Nek. vop. metod. nauch. issl. (13a)	† Nekotorye voprosy metodologii nauchnogo issledovaniya [Some Problems in the Methodology of Scientific Research]	Priroda (13a)	Priroda [Nature]
Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]	Probl. teploenerg. i prikl. teplofiz. (16g)	Problemy teploenergetiki i prikladnoi teplofiziki [Problems in Heat Engineering and Applied Thermophysics]
Nov. inostr. knigi: kat. nov. postup. (2b)	Akademiya nauk SSSR. Biblioteka. Novye inostrannye knigi; katalog novykh postuplenii.... [Academy of Sciences of the U. S. S. R. Library. New Foreign Books; Catalog of New Accessions....]	Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Nov. inostr. lit. po filos. (3a)	Novaya inostrannaya literatura po filosofii [New Foreign Literature on Philosophy]	Prom. Bel. (16a)	Promyshlennost' Belorussii [Industry of White Russia]
Nov. inostr. lit. po iaz. (11a)	Novaya inostrannaya literatura po iazykoznaniiu [New Foreign Literature on Linguistics]	Prom. energ. (16e)	Promyshlennaya energetika [Industrial Power]
Nov. inostr. lit. po ist., arkh. i etn. (4a)	Novaya inostrannaya literatura po istorii, arkhologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]	Put' i put. khoz. (16d)	Put' i putevye khozaistvo [Railroad Tracks and Roadway Maintenance]
Nov. inostr. lit. po lit. (11b)	Novaya inostrannaya literatura po literaturovedeniyu [New Foreign Literature on the Study of Literature]	Rad. pravo (7)	Radians'ke pravo [Soviet Law]
Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U. S. S. R.]	Radio (16e)	Radio
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografiya [New Foreign Books: Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]	Radiobiologiya (13c)	Radiobiologiya [Radiobiology]
Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriya V: Biologiya, meditsina, sel'skoe khozaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]		

Radiotekh. i elektron. (10c)	Radiotekhnika i elektronika [Radio Engineering and Electronics]	Ref. zhur.: Mashinostroi. mat., konstr. i rasch. det. mash. Gidr. (16g)	Referativnyi zhurnal: Mashinostroitel'nye materialy, konstruktiv i raschet detalei mashin. Gidropivod (Otdel'nyi vypusk 48) [Journal of Abstracts: Materials for Machinery Manufacture and the Design of Machine Parts. Hydraulic Drive (Separate Issue 48)]
Radiotekhnika (16c)	Radiotekhnika [Radio Engineering]	Ref. zhur.: Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Otdel'nyi vypusk 38) [Journal of Abstracts: Medical Geography (Separate Issue 38)]
Razved. i okh. nedr. (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]	Ref. zhur.: Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Rech. transp. (17b)	Rechnol transport [Inland Water Transportation]	Ref. zhur.: Met. (16h)	Referativnyi zhurnal: Metallurgiya [Journal of Abstracts: Metallurgy]
Ref. sbor.: Ekon. prom. (5b)	Referativnyi sbornik Ekonomika promyshlennosti [Journal of Abstracts of Industry]	Ref. zhur.: Metr. i izm. tekhn. (18a)	Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts: Mensuration and Measurement Techniques (Separate Issue 32)]
Ref. zhur.: Astron. (13b)	Referativnyi zhurnal: Astronomiya (Otdel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)]	Ref. zhur.: Nastro. i kompres-sorost. (18g)	Referativnyi zhurnal: Nastrostroenie i kompressorostroenie (Otdel'nyi vypusk 61) [Journal of Abstracts: Manufacture of Pumps and Compressors (Separate Issue 61)]
Ref. zhur.: Av. i raket. dvig. (10b)	Referativnyi zhurnal: Aviatsonnyye i raketnyye dvigateli (Otdel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)]	Ref. zhur.: Nauch. i tekhn. inform. (16a)	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]
Ref. zhur.: Avt. dor. (16d)	Referativnyi zhurnal: Avtomobil'nye dorogi [Journal of Abstracts: Highways]	Ref. zhur.: Ob. vop. pat. Onk. (14e)	Referativnyi zhurnal: Obshchie voprosy patologii. Onkologiya (Otdel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology. Oncology (Separate Issue 53)]
Ref. zhur.: Avt. i gor. transp. (10g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]	Ref. zhur.: Obor. pishch. prom. (16g)	Referativnyi zhurnal: Oborudovanie pishchevoi promyshlennosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equipment of the Food Industry (Separate Issue 38)]
Ref. zhur.: Avtom. i telem. i vych. tekhn. (16e)	Referativnyi zhurnal: Avtomatika, telemekhanika i vychislitel'naya tekhnika [Journal of Abstracts: Automatic Control, Remote Control, and Computer Technology]	Ref. zhur.: Pochv. i agrokhim. (15a)	Referativnyi zhurnal: Pochvovedenie i agrokhiimiya (Otdel'nyi vypusk 57) [Journal of Abstracts: Soil Science and Agrochemistry (Separate Issue 57)]
Ref. zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiya [Journal of Abstracts: Biology]	Ref. zhur.: Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyy transport [Journal of Abstracts: Industrial Transportation]
Ref. zhur.: Biol. khim. (13c)	Referativnyi zhurnal: Biologicheskaya khimiya (Otdel'nyi vypusk 30f) [Journal of Abstracts: Biochemistry (Separate Issue 30f)]	Ref. zhur.: Radiotekh. i elektrosviaz' (16e)	Referativnyi zhurnal: Radiotekhnika i elektrosviaz' [Journal of Abstracts: Radio Engineering and Telecommunication]
Ref. zhur.: Dvig. vnutr. sgor. (16g)	Referativnyi zhurnal: Dvigateli vnutrennego sgoraniya (Otdel'nyi vypusk 39) [Journal of Abstracts: Internal-Combustion Engines (Separate Issue 39)]	Ref. zhur.: Raketost. (18b)	Referativnyi zhurnal: Raketostroenie (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]
Ref. zhur.: Elektr. i ee prim. (16e)	Referativnyi zhurnal: Elektronika i ee primeneniye [Journal of Abstracts: Electronics and its applications]	Ref. zhur.: Rast. (15d)	Referativnyi zhurnal: Rastenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)]
Ref. zhur.: Farm. Toks. (14f)	Referativnyi zhurnal: Farmakologiya. Toksikologiya (Otdel'nyi vypusk 54) [Journal of Abstracts: Pharmacology. Toxicology (Separate Issue 54)]	Ref. zhur.: Tekh. i obor. tsel. bum. i poligr. proizv. (18g)	Referativnyi zhurnal: Tekhnologiya i oborudovanie tsellulozno-bumazhnogo i poligraficheskogo proizvodstva (Otdel'nyi vypusk 37) [Journal of Abstracts: Technology and Equipment of the Woodpulp, Paper, and Printing Industry (Separate Issue 37)]
Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]	Ref. zhur.: Tekh. mashinost. (16g)	Referativnyi zhurnal: Tekhnologiya mashinostroeniya [Journal of Abstracts: Technology of Machinery Manufacture]
Ref. zhur.: Fotokinetekh. (16g)	Referativnyi zhurnal: Fotokinetekhnika (Otdel'nyi vypusk 40) [Journal of Abstracts: Photographic and Motion-Picture Equipment (Separate Issue 40)]	Ref. zhur.: Teploenerg. (16g)	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]
Ref. zhur.: Geod. (13b)	Referativnyi zhurnal: Geodeziya (Otdel'nyi vypusk 52) [Journal of Abstracts: Geodesy (Separate Issue 52)]	Ref. zhur.: Trakt. i sel'khoz. mash. i orud. (10g)	Referativnyi zhurnal: Traktory i sel'skokhoziaistvennyye mashiny i orudiya (Otdel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Separate Issue 44)]
Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]	Ref. zhur.: Trub. transp. (16g)	Referativnyi zhurnal: Truboprovodnyy transport (Otdel'nyi vypusk 45) [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)]
Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiya [Journal of Abstracts: Geography]	Ref. zhur.: Turbostr. (18g)	Referativnyi zhurnal: Turboostroenie (Otdel'nyi vypusk 49) [Journal of Abstracts: Turbine Manufacture (Separate Issue 49)]
Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]	Ref. zhur.: Vod. transp. (17b)	Referativnyi zhurnal: Vodnyy transport [Journal of Abstracts: Water Transportation]
Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]	Ref. zhur.: Vop. tekhn. prog. i org. proizv. v mashinost. (16g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroeni (Otdel'nyi vypusk 35) [Journal of Abstracts: Problems of Technological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)]
Ref. zhur.: Gor. mash. (16h)	Referativnyi zhurnal: Gornyye mashiny (Otdel'nyi vypusk 43) [Journal of Abstracts: Mining Machinery (Separate Issue 43)]	Ref. zhur.: Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyy transport [Journal of Abstracts: Air Transportation]
Ref. zhur.: IAd. reak. (10e)	Referativnyi zhurnal: IAdernyye reaktory (Otdel'nyi vypusk 50) [Journal of Abstracts: Nuclear Reactors (Separate Issue 50)]	Ref. zhur.: Vzaimodels. raz. vid. transp. i kont. perav. (16g)	Referativnyi zhurnal: Vzaimodelstvie raznykh vidov transporta i kontolnnyye perevozki (Otdel'nyi vypusk 31) [Journal of Abstracts: Container Shipments and the Interaction of Various Types of Transportation (Separate Issue 31)]
Ref. zhur.: Issl. kosm. prostr. (13b)	Referativnyi zhurnal: Issledovanie kosmicheskogo prostranstva (Otdel'nyi vypusk 62) [Journal of Abstracts: Space Research (Separate Issue 62)]	Ref. zhur.: Zhel. dor. transp. (10g)	Referativnyi zhurnal: Zheleznodorozhnyy transport [Journal of Abstracts: Railroad Transportation]
Ref. zhur.: Khim. (13d)	Referativnyi zhurnal: Khimiya [Journal of Abstracts: Chemistry]	Rus. iaz. dlia stud. -inostr. (11a)	Russkii iazyk dlia studentov-inostrantsev [Russian for Foreign Students]
Ref. zhur.: Khim. i khol. mashinost. (16c)	Referativnyi zhurnal: Khimicheskoe i kholodil'noye mashinostroenie (Otdel'nyi vypusk 47) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 47)]	Ryb. khoz. (15b)	Rybnos khoziaistvo [Fisheries]
Ref. zhur.: Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]		
Ref. zhur.: Komm. i byt. i torg. obor. (16g)	Referativnyi zhurnal: Kommunal'noye, bytovoye i torgovoye oborudovanie (Otdel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]		
Ref. zhur.: Kotelost. (16g)	Referativnyi zhurnal: Kotelostroenie (Otdel'nyi vypusk 42) [Journal of Abstracts: Boiler Manufacture (Separate Issue 42)]		
Ref. zhur.: Leg. prom. (10f)	Referativnyi zhurnal: Legkaya promyshlennost' [Journal of Abstracts: Light Industry]		
Ref. zhur.: Lesovod. i lesovod. (15c)	Referativnyi zhurnal: Lesovodeniye i lesovodstvo (Otdel'nyi vypusk 56) [Journal of Abstracts: Forestry and Forest Management (Separate Issue 56)]		

Sbor. inform. mat. Glav. upr. vych. rab. (5b)	Russla (1923- U.S.S.R.) Glavnoe upravlenie vychislitel'nykh rabot. Sbornik informatsionnykh materialov [Main Administration of Computational Work. Information Materials]	Transp. i khran. nefti i nefteprod. (16h)	Transport i khranenie nefti i nefteproduktov [Transportation and Storage of Petroleum and Petroleum Products]
Sbor. mat. TSNIIMF. Usl. kom. eksp. mor. flota v zagran. plav. (5b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Sbornik materialov. Uslovia kommercheskoi eksploatatsii morskogo flota v zagranichnom plavanii [Central Scientific Research Institute of the Merchant Marine. Materials. Conditions for the Commercial Operation of the Merchant Marine in Foreign Waters]	Transp. strol. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Sbor. nauch. rab. stud. Sar. zootekh. - vet. inst. (15b)	Saralov. Zootehnicheskovo-veterinarnyi institut. Sbornik nauchnykh rabot studentov [Zootechnical and Veterinary Institute. Student Papers]	Trudy Azerb. nauch. - issl. inst. oft. (14d)	Baku. Azerbaidzhanskii nauchno-issledovatel'skii institut oftalmologii. Trudy [Azerbaijan Scientific Research Institute of Ophthalmology. Transactions]
Sbor. post. VTSSPS (5d)	Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soluzov. Sbornik postanovlenii [All-Union Central Council of Trade Unions. Decisions]	Trudy BKNII (1A)	Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut. Trudy [Buryat Scientific Research Institute. Transactions]
Sbor. rab. MLTI (15c)	Moscow. Lesotekhnicheskii institut. Sbornik rabot [Forestry and Lumbering Institute. Papers]	Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Sbor. trud. LIIZHT (16d)	Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov [Institute of Railroad Transportation Engineers. Papers]	Trudy GGO (13f)	Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy [Main Geophysical Observatory. Transactions]
Sbor. trud. RIIZHT (16g)	Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov [Institute of Engineers of Railroad Transportation. Papers]	Trudy GIN (12c)	Akademiya nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaya literatura SSSR [Agricultural Literature of the U.S.S.R.]	Trudy Geol. inst. AN Gruz. SSR (12c)	Akademiya nauk Gruzinskoi SSR, Tiflis. Geologicheskii institut. Trudy. Novaya seriia [Academy of Sciences of the Georgian S.S.R. Geological Institute. Transactions. New Series]
Shakht. strol. (16b)	Shakhtnoe stroitel'stvo [Mine Construction]	Trudy INKH (5b)	Moscow. Institut narodnogo khozinstva. Trudy [Institute of the National Economy. Transactions]
Sib. mat. zhur. (13c)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]	Trudy ITA (13b)	Akademiya nauk SSSR. Institut teoreticheskoi astronomii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Transactions]
Sil'. bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]	Trudy Inst. biol. UFAN SSSR (13c)	Akademiya nauk SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch, Institute of Biology. Transactions]
Soob. GAISH (13b)	Moscow. Universitet. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [University. State Astronomical Institute. Reports]	Trudy Inst. biol. i vnutr. vod. (13c)	Akademiya nauk SSSR. Institut biologii vnutrennikh vod. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Biology of Inland Waters. Transactions]
Soob. inst. pu izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Soobshcheniia [Institute for the Study of the U.S.S.R. Reports]	Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR (14h)	Akademiya nauk Gruzinskoi SSR, Tiflis. Institut eksperimental'noi i klinicheskoi khirurgii i gematologii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Experimental and Clinical Surgery and Hematology. Transactions]
Sots. trud (5d)	Sotsialisticheskii trud [Socialist Labor]	Trudy Inst. elektro-khim. UFAN SSSR (13d)	Akademiya nauk SSSR. Ural'skii filial, Sverdlovsk. Institut elektrokhimii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch, Institute of Electrochemistry. Transactions]
Sov. bibl. (2a)	Sovetskaya bibliografiia [Soviet Bibliography]	Trudy Inst. etn. (12a)	Akademiya nauk SSSR. Institut etnografi. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]	Trudy Inst. fiziol. (13c)	Akademiya nauk SSSR. Institut fiziologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physiology. Transactions]
Sov. iust. (7)	Sovetskaya iustitsiia [Soviet Justice]	Trudy Inst. met. i obog. AN Kazakh. SSR (16h)	Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut metallurgii i obogashcheniia. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Metallurgy and Ore Dressing. Transactions]
Sov. profsoliuzy (5d)	Sovetskie profsoliuzy [Soviet Trade Unions]	Trudy Inst. zool. AN Azerb. SSR (13c)	Akademiya nauk Azerbaidzhanskoi SSR, Baku. Institut zoologii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Zoology. Transactions]
Sov. torg. (5a)	Sovetskaya torgovlia [Soviet Commerce]	Trudy Inst. zool. AN Kazakh. SSR (13c)	Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Transactions]
Sov. zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]	Trudy Irk. un. (1a)	Irkutsk. Universitet. Trudy [University. Transactions]
Sred. mes. aerol. dan. na izob. poverkh. (13f)	Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Srednie mesinashnye aerologicheskie dannye na izobaricheskikh poverkhnostyakh [Scientific Research Institute of Aeroclimatology. Mean Monthly Aerological Data on Isobaric Surfaces]	Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR (14h)	Akademiya meditsinskikh nauk SSSR, Moscow. Kazakhskii institut klinicheskoi i eksperimental'noi khirurgii. Trudy [Academy of Medical Sciences of the U.S.S.R. Kazakh Institute of Clinical and Experimental Surgery. Transactions]
Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Cutting Tools]	Trudy Kazan. fil. AN SSSR. Ser. geol. (12c)	Akademiya nauk SSSR. Kazanskii filial. Trudy. Seriia geologicheskaya [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions. Geological Series]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]	Trudy LPI (16a)	Leningrad. Politehnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Strol. mat. (16d)	Stroitel'nye materialy [Building Materials]	Trudy MBI (16g)	Moscow. Energeticheskii institut. Trudy [Power Engineering Institute. Transactions]
Svetotekhnika (16a)	Svetotekhnika [Illuminating Engineering]	Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Syr. res. leg. met. Vost. Sib. (16h)	Syr'evye resursy legkikh metallov Vostochnoi Sibiri [Raw Material Resources of Light Metals of Eastern Siberia]	Trudy MINKHIGP (16h)	Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]
Teatr (9c)	Teatr [The Theater]	Trudy MOIP (13c)	Moskovskoe obshchestvo ispytatelei prirody. Trudy [Moscow Naturalists' Society. Transactions]
Tekhn. v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]	Trudy Mat. inst. (13c)	Akademiya nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]
Teor. i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]		
Teploenergetika (16g)	Teploenergetika [Heat Engineering]		
Teplofiz. vys. temp. (13f)	Teplofizika vysokikh temperatur [Thermophysics of High Temperatures]		
Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]		
Trakt. i sel'khoz. mash. (16g)	Traktory i sel'khoz. mashiny [Tractors and Agricultural Machinery]		

Trudy Mosk. vet. akad. (15b)	Moscow, Moskovskaya veterinarnaya akademiya. Trudy [Moscow Veterinary Medicine Academy. Transactions]	Vest. obshchestv. nauk AN Arm. SSR (1a)	Akademii nauk Armianskoi SSR, Eriyan. Vestnik obshchestvennykh nauk [Academy of Sciences of the Armenian S. S. R. Review of Social Sciences]
Trudy Sib-NILKHE (15c)	Krasnoyarsk. Sibirskii nauchno-issledovatel'skii institut lesnogo khozaistva i lesoksploiatatsii. Trudy [Siberian Scientific Research Institute of Forestry and Forest Utilization, Transactions]	Vest. sel'khoz. nauki [Kazakh.] (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]. Kazakhstan.
Trudy Soizuz-MorNIIPro-ekt (17b)	Moscow. Gosudarstvennyi proektiro-konstruktorskii i nauchno-issledovatel'skii institut morskogo transporta. Trudy [State Design and Scientific Research Institute of Marine Transportation. Transactions]	Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Trudy TSIP (13f)	Moscow. Tsentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions]	Vest. svyazi (16e)	Vestnik svyazi [Communications Review]
Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation, Transactions]	Vest. TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation, Journal]
Trudy TSNIIGAIK (13b)	Moscow. Tsentral'nyi nauchno-issledovatel'skii institut geodezii, aerofotomel'koi kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]	Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Trudy TVI (15b)	Troitsk. Veterinarnyi institut. Trudy [Veterinary Institute. Transactions]	Vnesh. torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Trudy Tadzh. sel'khoz. inst. (15a)	Dushanbe. Tadzhikskii sel'skokhoziaistvennyi institut. Trudy [Tajik Agricultural Institute. Transactions]	Voen.-med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Trudy UNIKHIM (16h)	Sverdlovsk. Ural'skii nauchno-issledovatel'skii khimicheskii institut. Trudy [Ural Chemical Research Institute. Transactions]	Voen. znaniia. (17a)	Voennye znaniia [Military Knowledge]
Trudy Un. druzh. nar. Fiz. (13f)	Moscow. Universitet druzhby narodov. Trudy. Fizika [University of the Friendship of Peoples. Transactions. Physics]	Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Trudy VEI (16e)	Moscow. Vsesoiuznyi elektrotekhnicheskii institut. Trudy [All-Union Institute of Electrical Engineering. Transactions]	Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Trudy VNIGRI (16h)	Leningrad. Vsesoiuznyi neflanol nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum (Scientific Research) Geological Prospecting Institute. Transactions]	Vop. ikht. (13c)	Voprosy ikhtologii [Problems in Ichthyology]
Trudy Zool. inst. (13c)	Akademii nauk SSSR. Zoologicheskii institut. Trudy [Academy of Sciences of the U. S. S. R. Zoological Institute. Transactions]	Vop. ist. (4a)	Voprosy istorii [Problems of History]
Uch. zap. AGU. Ser. iurid. nauk (7)	Baku. Azerbaidzhan'skii gosudarstvennyi universitet. Uchenye zapiski. Seriya iuridicheskikh nauk [Azerbaijan State University. Studies. Series in the Juridical Sciences]	Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSU]
Uch. zap. Bur. gos. ped. inst. (1a)	Ulan-Ude. Buriiskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Buryat State Pedagogical Institute. Studies]	Vop. izobr. (16a)	Voprosy izobretatel'stva [Problems of Invention]
Uch. zap. KHGU (1a)	Kharkov. Universitet. Uchenye zapiski [University. Studies]	Vop. kur., fizioter. i lech. fiz. kul't. (14c)	Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]
Uch. zap. Ped. inst. Gerts. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. Uchenye zapiski [A. I. Herzen State Pedagogical Institute. Studies]	Vop. onk. (14e)	Voprosy onkologii [Problems of Oncology]
Uch. zap. VNIISZ (7)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut sovetskogo zakonodatel'stva. Uchenye zapiski [All-Union Scientific Research Institute of Soviet Legislation. Studies]	Vop. vet. virus. (15b)	Voprosy veterinarnoi virusologii [Problems in Veterinary Virology]
Ugol' (16h)	Ugol' [Coal]	Vop. vych. mat. i tekhn. (13e)	Voprosy vychislitel'noi matematiki i tekhniki [Problems in Computer Mathematics and Technology]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]	Vsem. prof. dvizh. (5d)	Vsemirnoe professornoe dvizhenie [World Trade-Union Movement]
Ukr. bot. zhur. (13c)	Ukrains'kii botanicheskii zhurnal [Ukrainian Botanical Journal]	Vysokom. soed. (13d)	Vysokomolekulyarnye soedineniia [Macromolecular Compounds]
Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]	Za tekhn. prog. (16a)	Za tekhnicheskii progress [For Technological Progress]
Usp. sov. biol. (13c)	Uspekhi sovremennoi biologii [Progress in Contemporary Biology]	Zakup. sel'khoz. prod. (5a)	Zakupki sel'skokhoziaistvennykh produktov [Purchases of Agricultural Products]
Ved. Verkh. Sov. RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet, Gazette]	Zav. lab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
Ved. Verkh. Sov. SSSR (7)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet, Gazette]	Zhel. dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Vest. AMN SSSR (14a)	Akademii meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U. S. S. R. Journal]	Zhil. i kom. khoz. (16d)	Zhiliщnoe i kommunal'noe khoziaistvo [Housing and Communal Services]
Vest. AN Kazakh. SSR (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S. S. R. Journal]	Zhil. -kom. khoz. (16d)	Zhiliщno-kommunal'noe khoziaistvo [Housing and Communal Services]
Vest. AN SSSR (1a)	Akademii nauk SSSR. Vestnik [Academy of Sciences of the U. S. S. R. Journal]	Zhur. anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]	Zhur. ekap. i klin. med. (14a)	Zhurnal eksperimental'noi i klinicheskoi meditsiny [Journal of Experimental and Clinical Medicine]
Vest. mashino-str. (16g)	Vestnik mashinostroeniia [Machinery Manufacture Review]	Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Vest. Mosk. un. Ser. 4: Geol. (12c)	Moscow. Universitet. Vestnik. Seriya 4: Geologiya [University. Review. Series 4: Geology]	Zhur. mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Vest. Mosk. un. Ser. 9: Ist. (4a)	Moscow. Universitet. Vestnik. Seriya 9: Istorii [University. Review. Series 9: History]	Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Vest. Mosk. un. Ser. 12: Pravo (7)	Moscow. Universitet. Vestnik. Seriya 12: Pravo [University. Review. Series 12: Law]	Zhur. novr. i psikh. (14c)	Zhurnal nevropatologii i psikhiiatrii [Journal of Neuropsychiatry]
		Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
		Zhur. org. khim. (13d)	Zhurnal organicheskoi khimii [Journal of Organic Chemistry]
		Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
		Zhur. prikl. spekt. (13f)	Zhurnal prikladnoi spektroskopii [Journal of Applied Spectroscopy]
		Zhur. strukt. khim. (13d)	Zhurnal strukturnoi khimii [Journal of Structural Chemistry]
		Zhur. tekhn. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
		Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D. I. Mendeleeva. Zhurnal [D. I. Mendeleev All-Union Chemical Society. Journal]
		Zhur. vych. mat. i mat. fiz. (13e)	Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathematical Physics]
		Zhur. vys. nerv. delat. (14c)	Zhurnal vysshei nervnoi delatel'nosti [Journal on Higher Nervous Activity]

ACIDS, ORGANIC

- Content of organic acids in some natural and waste waters, V.A. Bryzgalov, A.D. Semenov, *Gidrokhim. mat.* 39:106-112 '65.
- Flame-photometric determination of alkali metals. Report No. 1: Effect of organic acids on the intensity of spectral lines of alkali metals in a flame, I.G. Iudin and others, *Zhur. anal. khim.* 21 no. 5: 542-547 '66.
- Fluorinated monocarboxylic acids, I.L. Kunitsants, V.V. Shokina, S.P. Khrlukian, *Zhur. VKHO* 11 no. 3:350-351 '66.
- Methodology of separate determination of organic acids in natural waters; a survey of works available in the literature, I.A. Goncharova, A.G. Stradomskaya, *Gidrokhim. mat.* 39:163-168 '65.
- Reaction of triorganyl hydride silanes with chloro-substituted carboxylic acids, N.F. Orlov, L.N. Slesar', *Zhur. ob. khim.* 36 no. 6:1078-1082 Je '66.
- Separate determination of butyric, propionic, and acetic acids in natural waters by partition chromatography on silica gel, A.G. Stradomskaya, I.A. Goncharova, *Gidrokhim. mat.* 39:169-174 '65.

ACONITE—TOXICOLOGY see subdivision under Siberia, Eastern

ACQUISITIONS (LIBRARIES)

- Acquisition of missing Russian publications for the completion of book collections, M.A. Nikulina, T.A. Trusova, *Bibliot. SSSR* no. 30:74-85 '65.
- Coordinating the acquisition of books, L. Arutunova, A. Nikitina, *Bibliotekar'* 43 no. 7:50-52 Ji '66.
- Let us coordinate the acquisition of books, V. Makarova, *Bibliotekar'* 43 no. 6:18-20 Je '66.
- [New foreign books; catalog of new acquisitions] Nov. most. knigi; kat. nov. postup. no. 4 '66.

ACRIFLAVINE

- Effect of a carrier on the quenching of phosphorescence of tryptophan by oxygen, I.A. Zakharov, V.B. Aleksovskii, *Zhur. fiz. khim.* 40 no. 5:905-901 My '66.

ACRYLAMIDE

- Power of polyacrylamide, G. Orlov, I. Krasnianskii, *Zh. i. kom. khoz.* 14 no. 8:24-26 My '64.
- Studying polyacrylamide as a means for controlling water erosion in Stepanovskaya of Alma-Ata Province, N.S. Popova, *Vest. sel'khoz. nauki [Kazakh.]* 0 no. 5: 94-96 My '66.

ACRYLIC ACID

- Copolymerization of acrylonitrile with benzyl and tetrahydrofuryl acrylates, M.A. Askarov, A.S. Bank, *Vysokom. soed.* 8 no. 6:1012-1014 Je '66.
- Role of polarity of alkyl acrylates in their emulsion polymerization, T.V. Nakueva, V.I. Eliseeva, P.I. Zubov, *Vysokom. soed.* 8 no. 6:1073-1079 Je '66.
- Structure of the addition products of methyl- and ethylaluminum chlorides to acrylic acid derivatives, I.L. Kunitsants, M.G. Lin'kova, N.D. Kuleshova, *Izv. AN SSSR. Ser. khim.* no. 6:1060-1075 '66.
- Structure of the products of addition of phenylsulfene chloride to acrylic acid derivatives, I.L. Kunitsants, M.G. Lin'kova, N.L. Veller, *Izv. AN SSSR. Ser. khim.* no. 6:1075-1080 '66.

ACRYLONITRILE

- Kinetics of anionic polymerization of acrylonitrile, F.V. Kochetov, A.I. Al. Berlin, N.S. Enikolopian, *Vysokom. soed.* 8 no. 6:1018-1021 Je '66.
- Liquid-vapor phase equilibrium in the system hydrocyanic acid - acrylonitrile at various pressures, N.M. Sokolov, N.N. Sevrugova, N.M. Zhavoronkov, *Zhur. fiz. khim.* 40 no. 5:1086-1090 My '66.
- Nature of the active center in anionic polymerization of acrylonitrile with triethylphosphine, F.V. Kochetov, A.I. Al. Berlin, N.S. Enikolopian, *Vysokom. soed.* 8 no. 6:1022-1027 Je '66.
- Reactivity of phosphorus acid half esters in the reactions of addition to acrylonitrile, A.N. Pudovik, T.M. Sirlakova, *Zhur. ob. khim.* 36 no. 6:1113-1118 Je '66.

ACRYLONITRILE POLYMERS

- Copolymerization of acrylonitrile with benzyl and tetrahydrofuryl acrylates, M.A. Askarov, A.S. Bank, *Vysokom. soed.* 8 no. 6:1012-1014 Je '66.

ACTING

- Meditations, Nikolai Mordvinov, *Teatr* 25 no. 10:44-47 O '64.
- Thanks to my teachers, Zainal Abidin, *Az. i Afr. seg.* 10 no. 7:45 Ji '66.

ACTINOIDIN

- Isolation and study of the structure of the amino acid components of a hydrolysate of the antibiotic actinoidin, N.N. Lomakina, M.S. Terkina, M.G. Brazhnikova, *Antibiotiki* 9 no. 10:880-885 O '64.
- Synthesis of amino acids found in actinoidin hydrolysate, R. Bogdan and others, *Antibiotiki* 9 no. 10:875-880 O '64.

ACTINOMETRY—OBSERVATIONS

- [Actinometric monthly] *Aktinometr. ozhem. Ja (Pt. I)* '65; *Mr (Pt. I)* '65 publ. '66; *Je (Pt. I)* '65 publ. '66.

ACTINOMYCETES

- Description of the organism producing the antibiotic 21-31 of the thiothrepton group and the conditions for its production, S.M. Rudala, M.M. Bychkova, *Antibiotiki* 11 no. 5:410-414 My '66.
- Study of the physiology of the cycloserine producing microorganism, L.A. Popova, N.E. Stepanova, *Antibiotiki* 11 no. 5:414-419 My '66.

Systematic position and variability of the organism producing the antineoplastic antibiotic bruceomycin, E.S. Kudrina and others, *Antibiotiki* 11 no. 5:400-405 My '66.

ACTINOMYCETES—CULTURES AND CULTURE MEDIA

- Relation of the enzymatic activity to the pH value and the substrate specificity of *Actinomyces aureofaciens* lipase, A.M. Bezborodov, L.M. Smirnova, L.P. Kuznetsova, *Antibiotiki* 9 no. 10:894-899 O '64.

ACTIVATION ENERGY

- Kinetics of isotope exchange between gaseous hydrogen and hydrogen dissolved in palladium, B.M. Andreev and others, *Kin. i kat.* 7 no. 3:470-474 My-Je '66.

ACTIVITY COEFFICIENTS

- Osmotic coefficients and mean ionic activity coefficients of NaI and NaBr in aqueous solutions at 25° C, L.L. Makarov, I.U. G. Vlasov, V.A. Azarko, *Zhur. fiz. khim.* 40 no. 5:1134-1135 My '66.

ACTIVITY PROGRAMS IN EDUCATION

- Being interested in learning is the most important step toward improving it, G. Soldatov, *Nar. obr.* no. 6:90-91, 97 Je '66.
- A conference of the principals of experimental schools, P. Shpil'tal'nik, *Nar. obr.* no. 7:121-122 Ji '66.

ACTORS see subdivision under Kuznetsk Basin

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ACYLATION

- Formation of acylium cations from carboxylic acids in a fused mixture of aluminum chloride and sodium chloride, A.M. Komagorov, I.K. Baeva, V.A. Kotliug, *Izv. SO AN SSSR no. 3. Ser. khim. nauk* no. 1:147-150 '66.

ADAMANTANE

- Adamantane and its derivatives. Part 6: Substitution reactions in ariadamantanes, F.N. Stepanov, E.I. Dikolenko, G.I. Daulenko, *Zhur. org. khim.* 2 no. 4:640-643 Ap '66.

- Adamantane and its derivatives. Part 7: Reactions of methyladamantyl-(1)-ketone, F.N. Stepanov, R.A. Myrskina, *Zhur. org. khim.* 2 no. 4:644-648 Ap '66.

ADAPTATION (BIOLOGY)

- "Adaptation" phenomena in the vasomotor center and motor somatic centers following prolonged stimulation of afferent nerves, I.S. Bazanova, O.S. Merkulova, V.N. Chornigovskii, *Trudy Inst. fiziol.* 11:20-43 '65.
- Physiological adaptation of Pacific salmon (*Oncorhynchus*) to living conditions of the Far North, O.V. Lukina, *Vop. ikht.* 6 no. 2:366-374 '66.

ADAPTIVE CONTROL SYSTEMS

- Consideration of the level quantization effect in the statistical analysis of closed-loop digital automatic systems, M.E. Shalkin, *Avtom. i telem.* no. 5:70-76 '66.
- Problems of the dynamics of adaptive systems with stabilization of frequency characteristics, V.I. Kukhtenko, V.E. Miturina, *Avtom. i telem.* no. 5: 56-69 '66.
- Proof of the convergence of one teaching algorithm by a stochastic approximations method, M.E. Shalkin, *Avtom. i telem.* no. 5:77-81 '66.

ADDISON'S DISEASE

- Lesions of the nervous system in chronic insufficiency of the adrenal cortex (Addison's disease) in children, V.I. Freidakov, *Zhur. nevr. i psikh.* 66 no. 7:991-994 '66.

ADDITION REACTIONS

- Interaction of α -alkyl-4-hydroxy-3,5-di-tert-butylbenzyl halides with some nucleophilic agents, A.A. Volod'kin and others, *Izv. AN SSSR. Ser. khim.* no. 6:1061-1063 '66.

ADENOVIRUS INFECTIONS

- Virological characteristics and clinical course of virus conjunctivitis according to materials of the polyclinics of Baku and the Institute of Ophthalmology; a preliminary report, K.G. Kerim-zade, A.G. Sulaimanov, *Trudy Azerb. nauch. i issl. inst. oft.* 4:130-132 '63.

ADENOVIRUSES

- Clinical aspects of lesions of the central nervous system in influenza and adenoviral infections in children, V.M. Sepashvili, *Zhur. nevr. i psikh.* 66 no. 7:995-998 '66.

ADHESION

- Determining the specific adhesion of various adhesives to fibrous polymers, S.S. Volutskii, Z.S. Rudkovskaya, N.L. Caretovskaya, *Zav. lab.* 32 no. 5:568-570 '66.

- Devices for determining the adhesion strength of electroplates on the surface of a cylinder, Sh. Z. Zakirov, *Trudy Tadzh. sel'khoz. inst.* 7:49-51 '65.

ADHESIVES

- Substitutes for edible products in the manufacture of adhesives for shoe production, V.M. Ustinova, *Kozh.-obuv. prom.* 7 no. 2:25-26 F '65.

ADMINISTRATION OF CRIMINAL JUSTICE see Criminal justice, Administration of

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE ACTS

- It is necessary to make precise rules authorizing local soviets to issue acts establishing administrative liability, R.F. Vasil'ev, *Uch. zap. VNIISZ* no. 5:78-83 '65.

ADMINISTRATIVE LAW

- Conditions for administrative coercion, D.N. Bakhrakh, *Uch. zap. VNIISZ* no. 5:91-98 '65.

ADMINISTRATIVE LAW—CODIFICATION

(see also subdivision under Ukraine)

- Basic issues of the revision of laws on administrative liability, V.I. Popova, *Uch. zap. VNIISZ* no. 5:3-22 '65.

- Codification of the rules of administrative law in connection with the revision of laws on administrative liability, A.E. Lunev, *Uch. zap. VNIISZ* no. 5:23-26 '65.

- [Conclusion,] M.G. Kirichenko, *Uch. zap. VNIISZ* no. 5:185-188 '65.

ADMINISTRATIVE PROCEDURE

- Certain problems of the revision of rules of Soviet administrative procedure, N.G. Salisheva, *Uch. zap. VNIISZ* no. 5:41-44 '65.

- Prerequisites for the revision of laws on administrative liability, V.D. Sorokin, *Uch. zap. VNIISZ* no. 5:99-104 '65.

- Revision of laws on administrative liability and the application of provisions protecting the rights of persons involved, G.I. Nikitushov and others, *Uch. zap. VNIISZ* no. 5:84-90 '65.

ADMINISTRATIVE REMEDIES

(see also subdivision under Syzran', Kuybyshev Province)

- More attention to the examination of the complaints and requests of workers! I. Korchak, *Rad. pravo* 29 no. 6:13-16 Je '66.

ADMINISTRATIVE RESPONSIBILITY

- Specific liability aspects for infractions of laws on planning delivery of goods, N.I. Klein, *Uch. zap. VNIISZ* no. 5:128-137 '65.

ADONIS

- Materials on stationary observations on the development of Adonis vernalis L., A.P. Poshkariat, *Biul. MOIP. Otd. biol.* 71 no. 2:83-90 Mr-Apr '66.

ADRENAL CORTEX

- Morphological changes in the cortical portion of the adrenal glands under the influence of great physical stress, K.Z. Tsukanova, *Teor. i prakt. fiz. kul't.* 29 no. 6:51-54 Je '66.

- Study of urinary electrolytes as indices of the functional state of the adrenal cortex in young children with various forms of intestinal infection, M.M. Agazade, *Azerb. med. zhur.* 43 no. 4:40-46 Ap '66.

ADRENAL CORTEX—DISEASES

- Acute insufficiency of the adrenal cortex in meningococcal infection, N.I.A. Pokrovskaya, R.V. Gromova, *Zhur. nevr. i psikh.* 66 no. 7:998-1001 '66.

ADRENAL GLANDS

- Effect of general X-ray irradiation on the histological structure of shielded adrenal glands, A.S. Molotkova, *Med. rad.* 11 no. 6:69-74 Je '66.

ADRENAL GLANDS—TRANSPLANTATION

- Functional and morphological state of the adrenal cortex 2 weeks after autotransplantation, M.G. Kolpakov and others, *Biul. eksp. biol. i med.* 61 no. 6:91-94 Je '66.

ADRENALINE—PHYSIOLOGICAL EFFECT

- Characteristics of the effect of adrenaline on the EEG of the cerebral cortex in dogs of different ages, V.D. Rozanova, *Biul. eksp. biol. i med.* 61 no. 5:11-15 My '66.

ADRENALINE—TOXICOLOGY

- Effect of apomorphine on the toxicity of adrenaline and phenamine, M.L. Belen'kii, M. Vitolina, R. Vitolina, *Biul. eksp. biol. i med.* 61 no. 5:70-72 My '66.

ADRENOCORTICOL HORMONES

- Level of 17-hydroxycorticosteroids in the blood plasma of macaca rhesus monkeys and hamadryas baboons and its changes under neuroemotional influence, N.P. Goncharov, *Biul. eksp. biol. i med.* 61 no. 5: 54-57 My '66.

ADRENOCORTICAL HORMONES—THERAPEUTIC USE

Effectiveness of the use of cortisone and hydrocortisone in the treatment of suppurative ear diseases. G. A. Arustanov. *Voen.-med. zhurn.* no. 6:42-45 Je '66.
Use of adrenocortical hormones in rheumatic diseases of the nervous system and collagenoses in neurological practice; a review of the literature. N. B. Mantkovskii, R. L. Kazakevich. *Zhur. nevro. i psikh.* 66 no. 7: 1096-1101 '66.

ADSORPTION

Adsorption of benzene vapors on hydrogen-containing and decahlorinated forms of zeolites. G. V. Tsitsishvili and others. *Dokl. AN SSSR* 168 no. 4:860-863 Je '66.
Adsorption of n-hexane on an alumina-chromia-potassium catalyst. K. I. Slovetzkaia, T. R. Brueva, A. M. Rubinshtein. *Kin. i kat.* 7 no. 3:566-568 My-Je '66.
Adsorption of the Newcastle disease virus by bentonite. N. A. Ulupov, E. M. Khripunov. *Vop. vet. virus.* 2:38-41 '66.
Kinetics and possible mechanism of oxygen photo-adsorption on zinc oxide. I. U. P. Solonitsyn. *Kin. i kat.* 7 no. 3:480-488 My-Je '66.
Kinetics of cyclohexene dehydrogenation on a palladium film. Part 2: Delocalized adsorption. V. I. Shumilov. *Kin. i kat.* 7 no. 3:498-507 My-Je '66.
Kinetics of the adsorption of the virus of European chicken plague by formalized hen erythrocytes. B. N. Sokov and others. *Vop. vet. virus.* 2:58-63 '66.
Study of oxygen adsorption on titanium dioxide by means of electron paramagnetic resonance. Lu Tung-shin [Lu Tung-hsing]. *Vest. LGU* 21 no. 10:45-50 '66.
Studying the adsorption of surface active substances on sand. M. M. Kuskov, L. I. Mikenitskaia. *Trudy MINKHGP* no. 57:17-23 '66.
Surface layer of molten mixtures of alkali metal carbonates. G. K. Molisev, G. K. Stepanov. *Zhur. fiz. khim.* 40 no. 5:1056-1063 My '66.
Use of the γ -spectroscopy method for studying adsorption. L. A. Medvedeva, M. A. Dembrovskii. *Zhur. prikl. khim.* 39 no. 5:1111-1117 My '66.

ADVERTISING—BOOKSELLERS AND BOOKSELLING

What did we learn from the questionnaire? S. Paliyova, V. Rebitskii. *Kudzh. i org.* 17 no. 6:24-25 Je '66.

AERIAL PHOTOGRAMMETRY

[Achievements of science: Geodesy '66] *Itogi nauki: Geodeziia* 1966. Moskva, Akad. nauk SSSR, 1966. 115 p. (Serlia: Geodeziia)

AERIAL PHOTOGRAPHY IN GEOGRAPHY

Space photography for the geographical study of the globe. B. V. Vinogradov. *Izv. Vses. geog. ob-va* 98 no. 2:101-111 Mr-Apr '66.

AERODYNAMICS

Industrial testing of ventilation currents spreading along the wall of longwall-type working faces. G. A. Radchenko, E. A. Malyshev, V. F. Stepykh. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 3:118-123 '65.
Methods for a specified determination of the coefficient of air resistance at road tests of motor vehicles. M. I. Pogosbekov. *Izv. vys. ucheb. zav. i mashinostr.* no. 4: 112-114 '66.

AERODYNAMICS, SUPERSONIC

Effect of oscillatory-dissociative relaxation on supersonic flow past blunt bodies. I. U. P. Lun'kin, F. D. Popov. *Zhur. tekhn. fiz.* 38 no. 4:661-671 Ap '66.

AERONAUTICAL INSTRUMENTS

How to improve the analysis of barospeedograph recording. N. Morozov. *Av. i kosm.* no. 6:38-40 Je '66.

AERONAUTICS—ABSTRACTS

[Air transportation] *Ref. zhur.: Voiz, transp.* no. 5 My '66.

AERONAUTICS—LAWS AND REGULATIONS

Administrative liability in civil aviation. D. S. Krasnikov. *Uch. zap. VNIISZ* no. 5:128-137 '65.

AERONAUTICS—PSYCHOLOGY

Good books on the psychology of an air pilot are needed. K. Platonov. *Av. i kosm.* no. 6:84-85 Je '66.
Results of the study of some individually psychological characteristics of the flying personnel during the work of a mobile aviation-medical board. I. A. Z. Altshuler, V. S. Sid'ko. *Voen.-med. zhurn.* no. 6:66-67 Je '66.

AERONAUTICS, MILITARY

Shirnov, E. E. [Romantics of the skies; a collection of sketches on aviators and parachute partisans] *Romantiki neba; sbornik ocherkov ob aviatorakh i desantnikakh.* Moskva, DOSAAF, 1966. 80 p.

AERONAUTICS, MILITARY—DICTIONARIES

Berezin, P. F., and others. [Military aviation dictionary] *Voenno-avialatnyi slovar'.* Moskva, Voenizdat, 1966. 472 p.

AERONAUTICS, MILITARY—SAFETY MEASURES

Prevention of flight accidents. F. Agaltsov. *Av. i kosm.* no. 6:7-10 Je '66.

AERONAUTICS, MILITARY—STUDY AND TEACHING

At the proving ground. I. Rekalov. *Av. i kosm.* no. 6: 29-33 Je '66.
Do not trace a boundary. V. Uruzimkov. *Av. i kosm.* no. 6:42-44 Je '66.
Map of the instructor of tactical flight training. N. Ushakov. *Av. i kosm.* no. 6:23-28 Je '66.
Methods have the deciding word. V. Toropov. *Av. i kosm.* no. 6:41-44 Je '66.

AEROSOLS

Special features of the study of the formation of deposits in an aerodynamic flow about bodies. V. I. Khmyrov, N. B. Kirpichnikov. *Probl. teplotnerg. i prikl. teplofiz.* no. 2:80-89 '65.

AESTHETICS

Akademika nauk SSSR, Institut filosofii. [Aesthetics and art; from the history of pre-Marxist aesthetic thought] Estetika i iskusstvo; iz istorii domarksistskoi estesticheskoj mysli. Moskva, Nauka, 1966. 308 p.
Havryluk, P. J. [What are the laws of beauty? Shcho take zakony krasy. Kyiv, Poltitzdat Ukrainy, 1966. 86 p.

AESTHETICS—STUDY AND TEACHING

Everybody can develop his creative abilities. T. Goncharenko. *Nar. obr.* no. 7:45-46 Ji '66.
Our practice in aesthetic training. N. Plynev. *Nar. obr.* no. 7:22-24 Ji '66.

AFANAS'EV, GEORGH DMITRIEVICH, 1906-

60th birthday of G. D. Afanas'ev, corresponding member of the Academy of Sciences of the U.S.S.R. *Vest. AN SSSR* 36 no. 6:106 Je '66.

AFFORESTATION see subdivision under Siberia, Western

AFGHANISTAN—ARCHAEOLOGICAL RESEARCH

Archaeological expedition in Afghanistan. G. A. Koshchenko, R. M. Munchaev. *Vest. AN SSSR* 36 no. 6:84-85 Je '66.

AFGHANISTAN—BRIDGES—FOUNDATIONS AND PIERS

Constructing the supports for the bridge across the Kabul River. p. 56.

AFGHANISTAN—FOREIGN RELATIONS—RUSSIA

Relations between Afghanistan and the Soviet Union as an example of fruitful cooperation. M. Malikandwal. *Mezhdunar. zhizn'* 13 no. 7:73-76 '66.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran, Az. i Afr.* no. 5 '66.

AFRICA—DESCRIPTION AND TRAVEL

Orel, V. N. [Tam-tam and transistor] *Tamtam i tranzistor.* [Moskva] Molodaia gvardia, 1965. 94 p. (CST-1) (JEN)

AFRICA—HISTORY—STUDY AND TEACHING

Teaching of the modern and contemporary history of the Asian and African countries in high schools. I. N. Kantorovich. *Nar. Az. i Afr.* no. 3:82-85 '66.

AFRICA—INVESTMENTS, AMERICAN

American private capital in Africa. O. I. Teterin. *Nar. Az. i Afr.* no. 3:31-41 '66.

AFRICA—LANGUAGES

Discussion on problems of studying the language situation in the Asian and African countries. V. Kh. Vasil'eva. *Nar. Az. i Afr.* no. 3:237-240 '66.

AFRICA—PETROLEUM

The map of the "black gold" is changing. I. U. Ershov. *Az. i Afr. seg.* 9 no. 6:7-9 Je '66.

AFRICA—POLITICS

Africa: classes, parties, politics. N. Gavrilov. *Mezhdunar. zhizn'* 13 no. 7:50-64 '66.
Nkrumah, Kwame, Pres. Ghana. [I speak of freedom; a statement of African Ideology. Translated from the English] *IA govoriu o svobode; iztozhente afrikanskoi ideologii.* Moskva, Izd-vo inostr. lit-ry, 1962. 301 p. plates. (OU)

AFRICA—PORTUGUESE COLONIES

Our comments. *Nov. vrem.* 24 no. 32:2-3 Ag '66.

AFRICA—SOCIAL CLASSES

Africa: classes, parties, politics. N. Gavrilov. *Mezhdunar. zhizn'* 13 no. 7:50-64 '66.

AFRICA—TRADE UNIONS

The desire for unity as an irresistible force. A. Bykhovskii. *Az. i Afr. seg.* 10 no. 7:34-35 Ji '66.

AFRICA, NORTH—FRENCH LITERATURE

Arguing over the literature of Maghreb countries. S. V. Frozhdagha. *Nar. Az. i Afr.* no. 3:86-91 '66.

AFRICA, SOUTH—STRIKES AND LOCKOUTS—MOTOR-BUS DRIVERS

Verweide "justice" in the service of the employers. Philis Altman. *Vsem. prof. dvizh.* no. 3:9-11 My '66.

AFRICA, SOUTHWEST—FOREIGN ECONOMIC RELATIONS

The case of the stolen country. V. Sidenko. *Nov. vrem.* 24 no. 31:20-21 Ji '66.

AFRICA, SOUTHWEST—INTERNATIONAL STATUS

Southwest Africa in postwar international relations. G. V. Pokoev. *Vop. lit.* no. 7:59-71 Ji '66.

AFRICA, SOUTHWEST—POLITICS AND GOVERNMENT

The case of the stolen country. V. Sidenko. *Nov. vrem.* 24 no. 31:20-21 Ji '66.

AFRICA, SUB-SAHARAN—FOREIGN RELATIONS

The Conference of the African-Malagasy Common Organization; Tropical Africa. I. U. Tomilin. *Mezhdunar. zhizn'* 13 no. 8:112 '66.

AFRICA, WEST—GEOLOGY, STRATIGRAPHIC—RESEARCH

Senegal Association for Quaternary Research in West Africa. M. I. Nelshtadt, B. A. Rudzhevskaya. *Izv. AN SSSR, Ser. geog.* no. 3:133 My-Je '66.

AFRICAN LITERATURE—STUDY AND TEACHING

Once again about a course that does not yet exist. I. V. Kireeva. *Nar. Az. i Afr.* no. 3:124-126 '66.

AGED—CARE AND HYGIENE

Surgical treatment of mitral stenosis in persons over 40. A. S. Rovenov, S. S. Grigorov. *Trudy Kazakh. inst. khim. i eksp. khim. AN SSSR* 11:8-12 '65.

AGGREGATES

Relationships determining the ordering of certain endomorphisms of an ordered set. L. D. Zybina. *Uch. zap. Ped. inst. Gerts.* 274:106-121 '65.

Semigroups of endomorphisms of μ -adic relations. B. V. Popov. *Uch. zap. Ped. inst. Gerts.* 274:104-101 '65.

Totality of relationships determining the ordering of partial endomorphisms. L. D. Zybina. *Uch. zap. Ped. inst. Gerts.* 274:122-124 '65.

AGGREGATES (BUILDING MATERIALS)

Slabin, I. P., S. F. Chaikina, and V. G. Shlyman. [Beneficiation of coarse fibrous-material aggregates in heavy media] *Otobogacheniye krupnogo zapolnitel'ia v tiazhe-lykh sredakh.* Moskva, Energiia, 1966. 110 p.
Strength of agglomerate concrete. G. Dzhitkeva. *Bel. i zhel.-bet. [TIFIS]* 1:48-54 '65.

AGING

Some characteristics of the multianual dynamics of sports results. I. P. Matveev. *Teor. i prak. fiz. kul't.* 29 no. 6:16-23 Je '66.

AGRICULTURAL ADMINISTRATION

[see also subdivision under East Kazakhstan Province; Pskov Province; Smolensk Province]

Decline test of the preparedness of rural Communists. *Part. zhizn'* no. 15:8-10 Ag '66.

AGRICULTURAL CHEMICALS

Mamaev, K. A., A. M. Mitrofanov, and A. M. Nikoforov. [Fundamentals of agricultural chemistry and the use of poisonous chemicals] *Osnovy agrokhimii i primeneniye iadokhimikatov.* Moskva, Vysshiaia shkola, 1965. 104 p. (DNAT)

AGRICULTURAL CHEMISTRY

Chemicalization of agriculture in 1966-1970. A. Ar-tushin. *Ekon. ne'fhoz.* 41 no. 5:86-92 My '66.

AGRICULTURAL CHEMISTRY—ABSTRACTS

[Soil science and agrochemistry] *Ref. zhur.: Pochv. i agrokhim.* nos. 1-3 Ja-Mr '66.

AGRICULTURAL COLLEGES see subdivision under Georgia

AGRICULTURAL CONTRACTS see Contracts, Agricultural

AGRICULTURAL CREDIT

Credit and agricultural development. *Den. i kred.* 24 no. 6:69-71 Je '66.

Credit and collective farm production. G. Belousenko, V. Zaidenvarg. *Den. i kred.* 24 no. 6:18-24 Je '66.

Some problems of lending credit to state farms. F. Al-mietdinov. *Den. i kred.* 24 no. 6:25-29 Je '66.

AGRICULTURAL EDUCATION

[see also subdivision under Voronezh Province]

A school child of yesterday. B. Voronin. *Mol. komm.* no. 8:81-83 Ag '64.

AGRICULTURAL ENGINEERING

Program for land improvement work. E. Alekseevskii. Ekon. sel'khoz. 41 no. 5:33-47 My '66.

AGRICULTURAL GEOGRAPHY see subdivision under Kazakhstan; Podolian Economic Region; Soviet Central Asia

AGRICULTURAL INSURANCE see Insurance, Agricultural

AGRICULTURAL LAWS AND LEGISLATION

Errors and grave shortcomings in a book on agricultural law. Vest. Mosk. un. Ser. 12; Pravo 21 no. 3:84-91 My-Je '66.

AGRICULTURAL MACHINERY

(see also subdivision under Czechoslovakia; Germany, East; Poland)

Make fuller use of agricultural machinery. Tekh. v sel'khoz. 25 no. 3:1-3 Mr '65.

Minsk. Belarusskii Institut mekhanizatsii sel'skoi khoz. (Problems of improving the mechanization of agricultural production) Problemy uchebnoy mekhanizatsii sel'skoi khoz. i sel'skogo proizvodstva; sbornik nauchnykh trudov. Minsk, Urozhai, 1963. 188 p. (DNL)

AGRICULTURAL MACHINERY—ABSTRACTS

[Tractors and agricultural machinery and equipment] Ref. zhur.: Trakt. i sel'khoz. mash. i orud. no. 5 My '66.

AGRICULTURAL MACHINERY—CLEANING

Cleaning machines using electric heating. M. Meshcheriakov. Tekh. v sel'khoz. 25 no. 5:83-84 My '66.

Improvement of a washing machine. S. Averbukh, V. Martynchuk. Tekh. v sel'khoz. 25 no. 3:75-76 Mr '65.

AGRICULTURAL MACHINERY—EXHIBITIONS

Agricultural machinery. IU. V. Reizler, B. K. Kharitonov. Trakt. i sel'khoz. mash. no. 6:5-8 Je '66.

Exhibits of other foreign countries. IU. Reizler, B. Kharitonov. Tekh. v sel'khoz. 26 no. 5:38-42 My '66.

Exhibits of the Soviet Union. A. Nomenkhov, B. Korshikov. Tekh. v sel'khoz. 26 no. 5:2-28 My '66.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Payments of collective and state farms to the local branches of the "Sel'khoztekhnika" [Agricultural Machinery Service Agency.]. V. Skrypnik. Rad. pravo 20 no. 5:76-78 My '66.

Repairing agricultural machinery on a centralized basis. V. Babitskii, V. Zaitsev. Tekh. v sel'khoz. 26 no. 5:77-80 My '66.

Stations and mobile mechanized devices for the technical maintenance of machinery. V. Polikarov, S. Rostovskii. Tekh. v sel'khoz. 26 no. 5:60-72 My '66.

AGRICULTURAL MACHINERY—STUDY AND TEACHING

Logical teaching device. V. Strelnin, B. Shishkin. Tekh. v sel'khoz. 26 no. 5:85-88 My '66.

AGRICULTURAL MACHINERY—TESTING

Apparatus for calculating the performance of tractor-driven machinery. I. Polkanov, N. Salmin. Tekh. v sel'khoz. 25 no. 3:81-83 Mr '65.

AGRICULTURAL MACHINERY INDUSTRY

Tractor and agricultural industry on the new rise. Trakt. i sel'khoz. mash. no. 6:1-2 Je '66.

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL POLICY

(see also subdivision under Buryat A.S.S.R.)

Leonov, I. E. [Participation of the trade-union committee in planning for agricultural production] Uchebnye profsotnogo komiteta v planirovani sel'skikh khoz. i sel'skogo proizvodstva. [Moskva] Profizdat, 1964. 77 p. (Biblioteka sel'skogo profsotnogo aktivista, no. 4 (28))

Let us transform the face of our earth. Sov. profsotny 22 no. 13:2-3 Ji '66.

The party and the consolidation of the communist farm system. V. Komitkov. Kommunist 43 no. 9:21-34 Je '66.

Plenary session of the Central Committee of the CPSU and the development of agriculture. N. Gusev. Kommunist 43 no. 9:12-23 Je '66.

Science, progressive experience, and agricultural production. V. Dushinov. Kommunist 43 no. 10:54-63 Ji '66.

AGRICULTURAL WAGES

Encouragement through the ruble. M. Nikitin. Sov. profsotny 22 no. 13:18-19 Ji '66.

Replies to readers' questions. Zakup. sel'khoz. prod. no. 5:60-61 My '66.

AGRICULTURAL WORKERS see subdivision under Zaporozh'ye Province

AGRICULTURE

(see also subdivision under Central Chernozem Economic Region; Egypt; Gorno-Altai Autonomous Province; Kuban; Talass Valley)

Coordinating conference on problems in the estimation and agricultural grouping of the land resources of the U.S.S.R. V. P. Kostinchenko. Izv. AN SSSR. Ser. geog. no. 3:118-121 My-Je '66.

Grafskii, M. G. [Vladimir orchards and farms] Vladimirskie sady i ferm. Moskva, Kolos, 1966. 217 p. (DNL)

High duty of rural trade unions. I. Shkuratov. Sov. profsotny 22 no. 12:1-3 Je '66.

Konstantinov, P. N. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo sel'khoz. lit-ry, zhurnatov i plakatov, 1963. 696 p. illus., diagrs., facsim., tables. (RPB)

Nikitin, M. A. [The workers committee as an organizer of socialist competition] Rabochii komitet—organizator sotsialisticheskogo sorevnovaniia. [Moskva] Profizdat, 1964. 37 p. (Biblioteka sel'skogo profsotnogo aktivista, no. 8 (32))

Tasks of agricultural science in the five-year plan. P. Lobanov. Ekon. sel'khoz. 41 no. 5:15-23 My '66. There is a great deal of work ahead. Zakup. sel'khoz. prod. no. 5:1-3 My '66.

AGRICULTURE—ABSTRACTS

[Information bulletin of the All-Union Institute of Scientific and Technical Information on Agriculture] Inform. biul. VINTSKII no. 1 '65.

AGRICULTURE—ACCIDENTS

Agricultural traumatism according to materials of the Ophthalmological Institute for 5 years (1955-1959); clinical and statistical analysis. Sh. I. Ismail-zade, T. S. Krauz, M. A. Akperova. Trudy Azerb. nauch.-issl. inst. oft. 4:61-66 '63.

AGRICULTURE—ACCOUNTING

(see also subdivision under Chukhloma District)

Raport, M. M., ed. [Practice in the mechanization of accounting and computing work in agriculture] Opyt mekhanizatsii ucheta i vychislitel'nykh rabot v sel'skom khoz. i sel'skogo proizvodstva. Moskva, Statistika, 1966. 242 p.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CHILD LABOR see Children in agriculture

AGRICULTURE—ECONOMIC ASPECTS

(see also subdivision under Bolivia; Donetsk Province; Germany, West; Penza Government)

[Advice to the rural propagandist] Sovets' sel'skomu propagandistu. Moskva, Politizdat, 1966. 141 p.

Agriculture must have high, steady rates of development. V. Matskevich. Ekon. sel'khoz. 41 no. 5:2-14 My '66.

Carrying out the decisions of the plenary session of the Central Committee of the CPSU in March 1965. V. Golikov. Kommunist 43 no. 11:53-62 Ji '66.

Science, progressive experience, and agricultural production. V. Dushinov. Kommunist 43 no. 10:54-63 Ji '66.

Terent'ev, M. L. [Collective farms and commodity and monetary relations] Kolkhozy i tovarno-denezhnye otnosheniia. Moskva, Ekonomika, 1966. 62 p. (Aktual'nye problemy ekonomiki sel'skogo khoz. i sel'skogo proizvodstva)

What is new in the Italian village. Gioacchino Ghisio. Vsem. prof. divizh. no. 3:24-27 My '66.

[World agriculture] Mirovoe sel'skoe khoz. i sel'skoe proizvodstvo, 1966. 543 p.

AGRICULTURE—EXPERIMENTATION see subdivision under Chernigov Province

AGRICULTURE—FINANCE

Relationship of the value of capital assets to the value of production in agriculture. P. Kiemyshchev. Vop. ekon. no. 6:82-91 Je '66.

The state budget and agricultural development. R. Gumerov. Fin. SSSR 40 no. 5:27-35 My '66.

AGRICULTURE—LABOR PRODUCTIVITY

Ways of increasing labor productivity in agriculture. M. Makeenko, V. Tikhonov. Ekon. sel'khoz. 41 no. 5:77-85 My '66.

AGRICULTURE—STATISTICS

Development of agriculture and some problems of agricultural statistics. V. Manin. Vest. stat. no. 7:3-15 '66.

On the battlefield. Agitator no. 8:24-27 Ap '64.

AGRICULTURE—STUDY AND TEACHING

(see also subdivision under Bryansk Province; Buryat A.S.S.R.)

Role of the Agrobiological Station of the Pedagogical Institute in the practical training of biology students. V. A. Matsen. Uch. zap. Ped. inst. Gerts. 312:5-26 '66.

AIDS TO NAVIGATION see subdivision under Volga River

AIR—POLLUTION

Fast method for determining the concentration of aerosol RaA and latent energy in the air. N. P. Kartashev. Atom. energ. 20 no. 5:444-448 My '66. Moscow, Nauchno-Issledovatel'skii Institut gigeny. [Hygienic problems of the planning and sanitary protection of the atmospheric air] Voprosy gigeny planirovki i sanitarnoi okhrany atmosfery vozdukh. Moskva, 1966. 173 p. (Its: Uchenye zapiski)

AIR, IONIZED—PHYSIOLOGICAL EFFECT

Effect of ionized air on the growth and preservation of baby chicks up to the age of 30 days. V. I. Melnikov. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:101-106 '65.

AIR COMPRESSORS

Pul'manov, N. V. [Mobile compressor stations] Peredvizhnye kompressornye stantsii. Moskva, Vysshaya shkola, 1965. 271 p.

AIR DUCTS

Using small-diameter pipe for the partial ventilation of blind workings. S. P. Popovich and others. Stanki. stroi. no. 5:30-31 My '66.

AIR PILOTS—AGING

Age-related restrictions for the flying personnel. A. N. Babichuk. Voenn.-med. zhur. no. 5:53-56 My '66.

AIR PREHEATERS

Corrosion of regenerative air preheaters operating on sulfur-bearing mazut. R. A. Petrosian, N. D. Sergeeva. Teploenergetika 13 no. 5:42-45 My '65.

Determination of optimal dimensions of laminated air heaters. N. K. Zaitseva. Izv. vys. ucheb. zav. energ. 9 no. 5:92-96 My '66.

Determination of the optimal speed of air in the air heaters of boiler systems. V. D. Degtiarev. Teploenergetika 13 no. 5:69-70 My '66.

AIRBORNE TROOPS

Helicopters land airborne forces. I. Danilov. Av. i kosm. no. 6:21-24 Je '66.

AIRLINES

Competitive struggle of airline companies. E. Kurina. Mir. ekon. i mezhdunar. otn. no. 6:104-106 '66.

International airlines of the Soviet Union. G. Pliskov. Mezhdunar. zhizn' 13 no. 7:143-145 '66.

On the airways of the Soviet Union. E. F. Loghinov. Nov. vrem. 24 no. 32:1-13 Ag '66.

AIRPLANE INDUSTRY

Western journalists on Soviet aviation. Vnesh. torg. 46 no. 6:41-45 '66.

AIRPLANES—ENGINES

[Aircraft and rocket engines] Ref. zhur.: Av. i raket. dvig. nos. 5-6 My-Je '66.

Gevorkian, A. M., and others. [Technology of building airplane engines; manual on a diploma project] Tekhnologiya aviadvigatel'stroyeniia; uchebnoe posobie po diplomnomu proektirovaniu. Moskva, Mashinostroyeniie, 1966. 174 p.

AIRPLANES—ROCKET ENGINES

Rocket flight in the stratosphere. S. P. Korolev. Av. i kosm. no. 6:61-63 Je '66.

AIRPLANES, MILITARY—EQUIPMENT AND SUPPLIES

Network method in preparing aviation equipment. A. Akin-deev. Av. i kosm. no. 6:56-61 Je '66.

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR

Four considerations of an engineer. V. Vukotov. Av. i kosm. no. 6:45-49 Je '66.

AIRPLANES, MILITARY—PILOTING

Characteristics of the inverted spin. V. Melnikov. Av. i kosm. no. 6:52-55 Je '66.

AIRPORTS

Readiness of a soil airfield. A. Artem'ev. Av. i kosm. no. 6:34-35 Je '66.

Serving food to flight crews. A. Mikhailov, R. Beleda. Av. i kosm. no. 6:50-51 Je '66.

AIRPORTS—RUNWAYS

Improve the design and technology of the construction of wire reinforced concrete pavings of airports. F. F. Kostandi, E. N. Smirnov. Av. i kosm. 29 no. 6:9-10 Je '66.

AIKAZOVSKII, IVAN KONSTANTINOVICH, 1817-1900

Feodosiya. Kartinnaya galeriia imeni I. K. Aikazovskogo. [The I. K. Aikazovskii Picture Gallery in Feodosiya; a guidebook] Feodosiiskaya kartinnaya galeriia imeni I. K. Aikazovskogo; putevoditel'. [Kiyv, Mystatstvo, 1965] 84 p. illus., 24 plates. (NIC)

AKMOLINSK PROVINCE see Tselinograd Province

AKTYUBINSK PROVINCE—FOLDS (GEOLOGY)

New data on the formation in the Kungur age of the Zhil-yanka fold in the Ural Mountain portion of Aktyubinsk Province. K. Kh. Bakirov and others. *Neftegaz. geol. i geofiz.* no. 5:15-18 '66.

AKTYUBINSK PROVINCE—MILLET

Effect of the methods of sowing on the yield of millet in Aktyubinsk Province. K. I. Tulebaev. *Vest. sel'khoz. nauk* [Kazakh.] 9 no. 6:28-32 Je '66.

AKUTAGAWA, RYUNOSUKE, 1892-1927

Akutagawa Ryunosuke. V. Grivnin. *Az. i Afr. seg.* 10 no. 7:46-47 Ji '66.

ALANINE

Complex lipids. Synthesis of α -(α -, β -distearyl) glycerylphosphoryl-(1-myo-inositol)ethanolamine-N-alanine. A. V. Lukhanov and others. *Zhur. ob. khim.* 36 no. 6:1031-1033 Je '66.

ALANINE—PHYSIOLOGY

Effect of triiodothyronine on the in vitro growth of extremity bone rudiments in mice of the mutant strain Brachypodism-H and C37BL/61. E. K. Ginter, B. V. Konukhov. *Biul. eksp. biol. i med.* 61 no. 6: 98-102 Je '66.

ALASKA—EARTHQUAKES

Earthquakes in Alaska. D. N. Mikhalev. *Izv. Vses. geog. ob-va* 98 no. 2:179-182 Mr-Apr '66.

ALASKITE see subdivision under Almaty region (Uzbekistan)

ALATAU, ZAILIYSKIY see Trans-Ili Alatau

ALBANIA—HISTORY

New studies on the history of Albania. P. P. Laptev. *Vop. ist.* 41 no. 6:162-164 Je '66.

ALBANIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Natsional'no-osvoboditel'naya bor'ba Albanskogo naroda. The national-liberation struggle of the Albanian people. [n.p., Komitet kul'turnykh i druzhestvennykh svyazey s zagranitsej, Albanskala Narodnala Respublika, n.d.] 9, 9, 10, 10, 10 p. (chiefly illus.) [In 5 languages]

ALBEDO

Albedo of a soybean field. V. V. Golovin and others. *Fiziol. rast.* 13 no. 3:517-519 My-Je '66.

ALCOHOLISM

Audiometric examination of patients with acute alcoholic hallucinosis. E. F. Bazhin. *Zhur. nevr. i psikh.* 66 no. 5:750-757 '66.

Nature of acute delirious psychoses in the clinical aspects of alcoholism. A. S. Bobrov. *Zhur. nevr. i psikh.* 66 no. 5:731-738 '66.

Some changes in the course of alcoholic psychoses. S. A. Putsal. *Zhur. nevr. i psikh.* 66 no. 5:746-749 '66.

ALCOHOLISM AND CRIME see subdivision under Ukraine

ALCOHOLS

Effect of promoters on the selectivity of action of silvered iron catalysts in the synthesis of higher alcohols from CO and H₂. I. U. B. Kagan and others. *Neftekhimika* 6 no. 2:262-270 Mr-Apr '66.

Extraction of boron from magnesium chloride solutions by alcohols. G. R. Borovik. *Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:142-143 '66.*

Mechanism of interaction of isocyanates with alcohols. I. A. Pronina and others. *Kin. i kat.* 7 no. 3:439-448 My-Je '66.

Reactions of α -oxides. Part 9: Acid catalysis of the reaction of ethylene oxide with alcohols and other oxygen compounds. N. N. Lebedev, V. M. Kozlov. *Kin. i kat.* 7 no. 3:455-463 My-Je '66.

Transfer coefficients of normal saturated hydrocarbons and alcohols. A. A. Tarzimanov, V. E. Mashirov. *Izv. vys. ucheb. zav. i nef' i gaz.* 9 no. 2:70-72 '66.

ALCOHOLYSIS

Hydrolysis and alcoholysis of α -chloroethyl aryl ethers. M. F. Shostakovskii, A. V. Kalabina, K. Kh. Zikherman. *Zhur. org. khim.* 2 no. 4:689-692 Ap '66.

ALDAN PLATEAU—GOLD ORES

Determining small quantities of gold in the natural waters of the Aldan region. V. P. Borovitskii, A. D. Miller, V. N. Shemiakin. *Geokhimiya* no. 4:483-488 Ap '66.

ALDAN PLATEAU—WATER—ANALYSIS

Determining small quantities of gold in the natural waters of the Aldan region. V. P. Borovitskii, A. D. Miller, V. N. Shemiakin. *Geokhimiya* no. 4:483-488 Ap '66.

ALDEHYDES

Pyrimidines. Part 9: Synthesis of benzo[h]quinazoline derivatives with the use of aromatic and heterocyclic aldehydes. V. F. Sedov, L. D. Dikanskaya, V. P. Mamaev. *Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:98-103 '66.*

Synthesis of some aliphatic aromatic aldehydes. T. B. Gerasimovich, N. E. Kologrivova. *Zhur. org. khim.* 2 no. 4:670-672 Ap '66.

ALDER

(see also subdivision under Carpathian Mountains)

Growth of black alder plantations. M. V. Davydov. *Izv. vys. ucheb. zav. i les. zhur.* 9 no. 2:7-12 '66.

ALEKSANDROVSKOYE (STAVROPOL TERRITORY)—RETAIL TRADE—MANAGEMENT

Not worse than in a city. D. Arkad'ev. *Sov. profsoyuzy* 22 no. 13:28-29 Ji '66.

ALEKSHI, Patriarch of Russia, 1877-

Letter from His Holiness Patriarch Aleksei to the editor of "Zhurnal Moskovskoi Patriarkhii." *Zhur. Mosk. Patr.* no. 4:7 '66.

ALFALFA see subdivision under Tajikistan

ALFALFA—VARIETIES see subdivision under Kuybyshev Province

ALGAE

(see also subdivision under Baikal, Lake; Black Sea; Kuybyshev Reservoir)

Use of the wastes of yeast factories in the growing of Chlorella. Z. I. Asanli, G. F. Roslankina. *Izv. vys. ucheb. zav. i pishek. tekhn.* no. 3:106-107 '66.

ALGAE—CULTURES AND CULTURE MEDIA

Effect of by-products of the food and fermentation industries on growth and carotene accumulation in *Dunaliella salina* Teod. culture. N. P. Masluk, O. P. Berenshtein, H. N. Iurkova. *Ukr. bot. zhur.* 23 no. 3:35-43 '66.

Effect of nitrogen deficiency and nitrogen nutrition on photosynthesis. Chlorophyll content and growth of the *Prochlorococcus* algae culture. S. S. Baslavskaya, R. F. Kulikova, E. B. Kurkova. *Biul. MOIP. Otd. biol.* 71 no. 2:107-117 Mr-Apr '66.

Simplified method for determining the cell concentration in Chlorella suspensions by the optical density of the medium. A. B. Brandt, *Fiziol. rast.* 13 no. 3:537-540 My-Je '66.

Utilization of caprolactam by algae as a source of nitrogen and CO₂. H. M. Palamar-Mordvyntseva. *Ukr. bot. zhur.* 23 no. 3:72-78 '66.

ALGAE—PHYSIOLOGICAL EFFECT

Effect of algae *Chlorella vulgaris* and *Scenedesmus obliquus* on the viability of *Escherichia coli* bacteriophages. S. P. Sadovskaya, M. M. Teltchenko. *Biul. eksp. biol. i med.* 61 no. 6:71-74 Je '66.

ALGAE, FOSSIL see subdivision under Ukraine

ALGAE AS FEED

The "terrestrial" future of Chlorella. T. Babnev. *Priroda* 55 no. 7:86-87 '66.

Use of brown algae in silage. Z. I. Podlesnaya. *Uch. zap. Ped. inst. Gerts.* 312:366-376 '66.

ALGAE AS FOOD

Assimilation of algae suspended in various concentrations by *Valvata pulchella* Studer. E. TSikhon-Lukanina, I. I. Sorokin. *Trudy Inst. biol. vnutr. vod.* no. 8:134-136 '66.

ALGEBRA

Some properties of algebras of recursive functions. E. A. Poljakov. *Sib. mat. zhur.* 7 no. 3: 720-723 My-Je '66.

Voevodin, V. V. [Numerical algebraic methods; theory and algorithms] *Chislennyye metody algebr; teoriya i algoritmy.* Moskva, Nauka, 1966. 240 p. (Biblioteka prikladnogo analiza i vychislitel'noi matematiki)

ALGEBRAIC FIELDS see Fields, Algebraic

ALGEBRAS, LINEAR

Solodovnikov, A. S. [Introduction to linear algebra and linear programming] *Vvedenie v lineinuu algebru i lineinoe programmirovaniye.* Moskva, Prosveshchenie, 1966. 182 p.

ALGERIA—ECONOMIC CONDITIONS

Algerian virgin islands. V. L. Li. *Az. i Afr. seg.* 10 no. 7: 39-40 Ji '66.

ALGERIA—INVESTMENTS, FOREIGN

Nationalization continues. P. Gevorkian. *Mezhdunar. zhizn'* 13 no. 7:100 '66.

ALGERIA—MINING INDUSTRY

Nationalization continues. P. Gevorkian. *Mezhdunar. zhizn'* 13 no. 7:100 '66.

ALGERIA—THEATER

Carrying beauty to the people. Mustafa Kateb. *Az. i Afr. seg.* 10 no. 7:44-45 Ji '66.

ALGERIA—TRADE UNIONS

Militant path of the trade unions of Algeria. D. Turchaninov. *Sov. profsoyuzy* 22 no. 11:37-38 Je '66.

The tenth anniversary of the General Confederation of Algerian Workers. L. B. Vsem. prof. dvizh. no. 3: 13-15 My '66.

ALGORITHMS

Adlan, S. I. [Determinant relations and the algorithmic problems for groups and semigroups] *Opredelennye shchisleniya i algoriticheskie problemy dlia grup i polugrupp.* Moskva, Nauka, 1966. 120 p. (Akademika nauk SSSR. Matematicheskii institut. Trudy, vol. 25)

Concerning a certain algorithm for cutting piece parts for laying up. I. U. S. Pavlenko. *Izv. vys. ucheb. zav. i tekhn. leg. prom.* no. 2:156-169 '66.

Local algorithms for calculating information. I. I. Zhuraviev. *Kibernetika* no. 2:1-11 Mr-Apr '66.

Report on the ALGIEF algorithmic language. M. A. Korolev and others. *Kibernetika* no. 2:57-102 Mr-Apr '66.

Search algorithm for proving theorems in the theory of groups. P. V. Anufriev and others. *Kibernetika* no. 1: 23-29 Ja-F '66.

Voevodin, V. V. [Numerical algebraic methods; theory and algorithms] *Chislennyye metody algebr; teoriya i algoritmy.* Moskva, Nauka, 1966. 240 p. (Biblioteka prikladnogo analiza i vychislitel'noi matematiki)

ALIMENTARY CANAL

Excretion of strontium-90 from the blood stream into the gastrointestinal tract in rats. G. A. Zaitlin. *Biul. eksp. biol. i med.* 61 no. 5:67-69 My-Jun '66.

ALIMENTARY CANAL—BLOOD SUPPLY

Regularity in the development of the vascular system of the gastrointestinal tract in swine. I. I. Anufriev. *Nauk. prat. zootekh. fak. UASIN* 15 no. 2:165-169 '66.

ALIMENTARY CANAL—HEMORRHIAGE see diarrhea, intestinal hemorrhage

ALIZARIN

Extraction-photometric determination of lanthanum and alizarin hydroxyquinoline complex. L. S. Syrtuk, S. M. Lazorina. *Zhur. anal. khim.* 21 no. 5:561-563 '66.

ALKALI LANDS see Saline and alkali soils

ALKALI METAL ALUMINATES

Separation of calcium hydroaluminates from alkali aluminate solutions and their decomposition. P. V. Iashin and others. *Zhur. prikl. khim.* 39 no. 5:962-973 My '66.

ALKALI METAL ALUMINOSILICATES—ELECTRIC PROPERTIES

Methods of measuring electric conductivity for the purpose of studying sintering processes of aluminosilicate mixtures. N. M. Drabot, E. I. Khazanov. *Syr. res. leg. met. Vost. Sib.* 5:54-61 '65.

ALKALI METAL ALUMINOSILICATES—TESTING

Changes in the phase constitution of complex halophosphate charge mixtures during sintering. G. V. Kuz'mina, E. I. Khazanov. *Syr. res. leg. met. Vost. Sib.* 5:51-57 '65.

ALKALI METAL CARBONATES

Effect of various additions on the surface tension of fused alkali metal carbonates. Part I. G. K. Molers, G. B. Stepanov. *Trudy Inst. elektrokhim. UFSR* no. 3: 97-104 '65.

Surface layer of molten mixtures of alkali metal carbonates. G. K. Molers, G. K. Stepanov. *Zhur. fiz. khim.* 40 no. 5:1056-1063 My '66.

ALKALI METAL CHLORIDES

Equilibrium in the system KCl + Na⁺ NaCl + K. N. I. Berdichevskii, A. G. Morachevskii. *Zhur. prikl. khim.* 39 no. 5:1037-1041 My '66.

Pressure and composition of vapor in the system LiCl + CsCl. A. V. Tarasov, A. B. Pospelov, G. I. Novikov. *Vest. LGU* 21 no. 10:97-105 '66.

ALKALI METAL HALIDE CRYSTALS

X-ray potassium absorption K-spectra in mixed crystals of the system KCl + KBr and KI + KBr. L. N. Mazalov, E. E. Vainshtein, L. N. Trushnikova. *Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:43-47 '66.*

ALKALI METAL HALIDES

Osmotic coefficients and mean ionic activity coefficients of NaI and NaBr in aqueous solutions at 25 °C. L. L. Makarov, I. U. G. Vlasov, V. A. Azarko. *Zhur. fiz. khim.* 40 no. 5:1134-1135 My '66.

Thermodynamic properties of electrolytes in nonaqueous solutions. Part 20. G. P. Kotlarova, E. P. Ivanova. *Zhur. fiz. khim.* 40 no. 5:997-1000 My '66.

ALKALI METALS

(see also subdivision under Baikal Lake region)

Certain regularities in the extraction of alkali metals. A. M. Rozen, A. I. Mikhailichenko. *Dokl. AN SSSR* 137 no. 4:828-831 Je '66.

Chemical and spectral determination of microquantities in salts of high-purity rare alkali metals by extraction with aliphatic monocarboxylic acids. A. F. Fedashina and others. *Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:83-87 '66.*

Effective excitation cross sections of alkali metal atoms in collision with slow electrons. Part 4. *Ceslun. J. P. Zapesochyn, L. L. Shimon. Opt. i spekt.* 20 no. 3: 753-758 My '66.

Flame photometric method of determining sodium and potassium in ammonium chromate and bichromate (reactive). V. I. Zablako, I. B. Bulycheva. *Trudy UNIKHIM* no. 11:16-18 '67.

ALKALI METALS—SPECTRA

Flame-photometric determination of alkali metals. Report No. 1: Effect of organic acids on the intensity of spectral lines of alkali metals in a flame. I. G. Iudkevich and others. Zhur. anal. khim. 21 no. 5: 542-547 '66.

ALKALIES

Temperature range for the sintering and extraction of alumina and alkalis from complex alumina-containing charge mixtures. A. F. Kuz'micheva, E. I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:538-53 '65.

ALKALINE EARTH CHLORIDES

Electro-transfer of Ca^{2+} and Mg^{2+} ions in sulfonated cationite and their equilibrium distribution in the system sulfonated cationite - solution. Z. S. Agagova, E. A. Materova, T. V. Dobrovol'skaya. Elektrokhimiya 2 no. 6: 688-692 Je '66.

ALKALINE EARTH METALS—ANALYSIS

Determination of calcium and stable strontium in food products. F. I. Pavlotskaya, G. P. Levina. Zhur. anal. khim. 21 no. 5:553-557 '66.

Shakhtakhinskiy, G. B., and G. A. Aslanov. [Arsenate method for the iodometric determination of magnesium and calcium] Arsenatnyi metod iodometricheskogo opredeleniya magniia i kal'tsiia. Baku, Izd-vo Akad. nauk Azerbaidzhan'skoi SSR, 1966. 123 p.

ALKALOIDS

Dynamics of the quantitative content of individual alkaloids in Physocytus physaloides (L.) G. Don. V. A. Peshkova. Lek. i syr. res. Irk. obl. no. 4:70-81 '65.

ALKANES see Paraffins

ALKENES see Olefins

ALKYLATION

Barinov, V. E. [Polymerization and alkylation of hydrocarbons] Polimerizatsiia i alkilirovaniye uglevodorodov. Moskva, Khimika, 1966. 147 p. (Biblioteka molodogo rabochego)

Cycloalkylation of aromatic hydrocarbons by monochloro derivatives of cyclohexane and methylcyclohexane. S. D. Mekhtiev and others. Azerb. khim. zhur. no. 2:48-55 '64.

Effect of alkylating agents on chromosomeres during the stage preceding the synthesis of DNA. N. P. Dubinin and others. Dokl. AN SSSR 168 no. 4:932-934 Je '66.

Odorous substances from alkylphenols. Part II: Alkylation of phenol and cresol by 2-methyl-1-pentene. A. S. Podberozhina, L. A. Kheifits. Zhur. org. khim. 2 no. 4:662-666 Ap '66.

ALL-UNION COMMUNIST PARTY (BOLSHEVİK) see Communist Party of the Soviet Union

ALLOYS

Calculation of the vacuum distillation of alloys. Part 1. B. I. Kildarov. Zhur. fiz. khim. 40 no. 5:1131-1134 My '66.

ALLOYS—ANALYSIS

Effect of sparking and mechanism of the influence of elements on the results of the spectral analysis of alloys. I. U. M. Durayev. Zav. lab. 32 no. 5:554-559 '66.

ALLOYS—MAGNETIC PROPERTIES

Theory of the thermomagnetic treatment of highly coercive Ti-conal-type alloys. A. S. Ermolenko. Izv. AN SSSR, Ser. fiz. 30 no. 8:1046-1049 Je '66.

ALLOYS—METALLOGRAPHY

Determination of high pressure phase crystal lattices without studying them under pressure. I. U. S. Gensint. Fiz. met. i metalloved. 10 no. 1:118-120 Ji '64.

Disordering process and the properties of ordered alloys. A. A. Presnitskov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:57-60 '66.

ALLOYS—TESTING

Thermochemistry of molten iron and nickel-base alloys. Abu el-Khasan and others. Izv. AN SSSR, Met. no. 3: 13-30 My-Je '66.

ALLUVIAL PLAINS see subdivision under Bol'shaya Kinel' Valley

ALLUVIUM

(see also subdivision under Dniester Valley)

Nature of the formation of the properties of alluvial soils from the viewpoint of engineering geology. B. H. Ieskov. Geol. zhur. 20 no. 2:58-71 '66.

ALLYL ALCOHOL

Condensation of benzene with allyl alcohol and allyl chloride. N. I. Shukhin and others. Neftekhimiya 6 no. 2:189-202 Mr-Apr '66.

Condensation of chlorobenzene and o-chlorotoluene with allyl alcohol. N. I. Shukhin, N. A. Pozdnjak, T. P. Dobrylna. Izv. AN SSSR, Ser. khim. no. 6:1100-1102 '66.

ALMA-ATA—CERATOPOGONIDAE

Bloodsucking midges (Culicoides, Ceratopogonidae, Diptera) of Alma-Ata. Zh. S. Smatov. Trudy Inst. zool. AN Kazakh. SSR 25:84-95 '66.

ALMA-ATA—HEART—INFARCTION

Clinical statistical study of the incidence of chronic coronary insufficiency and myocardial infarct in Alma-Ata. B. A. Abroskin, I. A. Tikhonov. Trudy Kazakh. inst. klin. i eksp. khir. AN SSSR 11: 103-105 '65.

ALMA-ATA—RHEUMATIC HEART DISEASE

Results of clinical statistical study of rheumatic heart defects in Alma-Ata. V. P. Korobkov, E. K. Nugmanov, M. T. Tulenov. Trudy Kazakh. inst. klin. i eksp. khir. AN SSSR 11:54-57 '65.

ALMA-ATA PROVINCE—SOIL CONSERVATION

Studying polyacrylamide as a means for controlling water erosion in Steppes of Alma-Ata Province. N. S. Popova. Vest. sel'khoz. nauki [Kazakh.]. 9 no. 3:94-96 My '66.

ALMA-ATA REGION—MUSCIDAE

Development of bloodsucking flies (Diptera, Muscidae) as related to habitat conditions. B. M. Jakunin. Trudy Inst. zool. AN Kazakh. SSR 25:126-130 '66.

ALMA-ATA REGION—PLANT LICE—BIOLOGICAL CONTROL

Practices in the introduction of some Far Eastern ladybirds in the Alma-Ata region for controlling aphids and pseudoscales. G. I. Savitskaya. Vest. sel'khoz. nauki [Kazakh.]. 9 no. 3:37-42 Je '66.

ALMA-ATA REGION—SCALE INSECTS—BIOLOGICAL CONTROL

Practices in the introduction of some Far Eastern ladybirds in the Alma-Ata region for controlling aphids and pseudoscales. G. I. Savitskaya. Vest. sel'khoz. nauki [Kazakh.]. 9 no. 6:37-42 Je '66.

ALMALYK REGION (UZBEKISTAN)—ALASKITE

Age of alaskites in the Karakya Basin (Almalyk region). E. B. Aliev, E. A. Kumetov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:60-65 My-Je '66.

ALMANACS, UKRAINIAN see subdivision under United States

ALMANACS, WHITE RUSSIAN see subdivision under Poland

ALPHA RAYS—THERAPEUTIC USE

Improvement of dosimetry methods in alpha therapy. S. V. Andreev, V. I. Abramov, A. V. Vyrbueva. Med. rad. 11 no. 5:44-48 My '66.

Internal use of radon water (alpha therapy). E. S. Shepotova and others. Med. rad. 11 no. 5:68-70 My '66.

ALPINE FLORA

Swertia species of the U. S. S. R. and their role in the history of its mountain flora. V. V. Pis'mukova. Uch. zap. Ped. inst. Gorka. 310 5:186 '66.

ALPINE FLORA—CONGRESSES

Conference of botanists of the Alpine regions in Frunze. O. E. Agakhanov. Izv. Otd. biol. nauk. AN Tadzh. SSR no. 1:122-124 '66.

ALTAI MOUNTAINS—IRON ORES

Iron in igneous formations in the Altai-Sayan fold area. I. I. Abramovich. Geokhimiya no. 10:1223-1233 O '65.

ALTAI MOUNTAINS—RUSSIAN LANGUAGE—DIALECTS

Local geographical terms of the Talitsa dialect. V. N. Bogdanov. Izv. Alt. otd. Geog. ob-va SSSR no. 2:37-53 '63.

ALTAI TERRITORY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Goncharov, V. N. [Workers' economic education during the period of the large-scale building of communism] Ekonomicheskoe obrazovanie kadrov v period razvernutoy kommunizma. Barnaul, Altai'skoe knizhnoe izd-vo, 1965. 129 p. (MII)

ALTAI TERRITORY—FEED INDUSTRY

Demand of livestock farmers. E. Smol'taninov. Zakup. sel'khoz. prod. no. 5:40-42 My '66.

ALTERNATING ELECTRIC CURRENTS see Electric currents, Alternating

ALTYN-TOPKAN REGION (TAJIKISTAN)—MINING ENGINEERING

Establishing scientifically safe dimensions of interchamber pillars as exemplified by the Altyn-Topkan mine. V. V. Razamat. Izv. AN Uz. SSR, Ser. tekhn. nauk 10 no. 3: 59-64 '66.

ALUM

Determining sulfate-ion content of chromium-ammonium alums. V. I. Zablitskiy, G. N. Sharapova. [Trudy] UNIKHIM no. 11:49-50 '64.

Photocolorimetric method of chromium determination in chromium-ammonium alums. V. I. Zablitskiy, G. N. Sharapova. [Trudy] UNIKHIM no. 11:14-15 '64.

ALUMINOSILICATES

Hydrogen index of the isoelectric state of aluminosilicate cracking catalysts. L. G. Matdanovskaya, T. I. Shirayeva. Kin. i kat. 7 no. 3:562-563 My-Je '66.

ALUMINOTHERMY

Kinetic characteristics of the process of chromium oxide reduction from molten aluminum oxide. S. I. Suchilnikov, B. A. Baum. Izv. vys. uch. zaved. ; khim. met. 9 no. 6:88-93 '66.

Material and heat balance of aluminosilicothermic smelting of ferromolybdenum. K. N. Rispel', L. I. Klokovina. Izv. AN SSSR, Met. no. 3:34-41 My-Je '66.

ALUMINUM—ANALYSIS

Physicochemical method of determining aluminum and iron in chromites and charges. M. T. Berkovich, A. M. Sirina, N. L. Lagunova. [Trudy] UNIKHIM no. 11:26-37 '64.

ALUMINUM—ELECTROMETALLURGY

Drobnis, V. F., and S. E. Gelter. [Technology and operation of the anode of an aluminum electrolytic cell with current supply from the top] Tekhnologiya i obsluzhivaniye anoda aluminievogo elektrolizera s vorkhnim tokopodvodom. Moskva, Metallurgiya, 1966. 90 p.

ALUMINUM—METALLURGY

Industrial sampling of argillite rocks as raw material for aluminum production. E. M. Shishlannikova, E. I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:79-81 '65.

Physicochemical transformations in a mixture of kaolinite-calcium carbonate-soda during sintering. G. V. Kuz'mina, S. A. Stakheeva, E. I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:18-30 '65.

Purification of hydrochloric acid solutions of aluminum from iron by ion-exchange resins. E. I. Khazanov, A. I. Kapustina. Syr. res. leg. met. Vost. Sib. 5:82-83 '65.

Simultaneous complex processing of highly ferrous aluminum-containing and alkali aluminosilicate minerals. E. I. Khazanov, E. M. Shishlannikova, Z. I. Feshchenko. Syr. res. leg. met. Vost. Sib. 5:62-72 '65.

ALUMINUM, EFFECT OF TEMPERATURE ON

Effect of small additions on the temperature and the temperature dependence of the rate of recrystallization of pure copper and aluminum. V. T. Bublik, S. S. Gorelik. Fiz. met. i metalloved. 18 no. 1:62-67 Ji '64.

ALUMINUM BRONZE—METALLOGRAPHY

Effect of aluminum concentration on the plasticity of aluminum bronze. A. A. Presnitskov, I. U. P. Chernysheva. Trudy Inst. met. i obog. AN Kazakh. SSR 15: 101-107 '66.

Effect of aluminum concentration on the strength properties of aluminum bronze. A. A. Presnitskov, I. U. P. Chernysheva. Trudy Inst. met. i obog. AN Kazakh. SSR 15: 120-125 '66.

ALUMINUM CATALYSTS

Effect of the preparation technique and of the crystalline structure of hydroxide on the catalytic activity of aluminum oxide. V. A. Dzisl'skiy, M. Kolovertnova, N. S. Kotsarenko. Kin. i kat. 7 no. 3:508-511 My-Je '66.

ALUMINUM CHLORIDE

Conversions of hydridin in the presence of aluminum chloride. N. A. Belikova and others. Neftekhimiya 6 no. 2:179-185 Mr-Apr '66.

ALUMINUM-COPPER ALLOYS—HARDENING

Studying the effect of small additions of phosphorus on the hardening and the density of packing defects in copper-aluminum alloys. Zh. P. Pastukhova, I. A. D. Vishniakov, N. N. Geveling. Fiz. met. i metalloved. 20 no. 8:915-919 D '65.

ALUMINUM-COPPER ALLOYS—METALLOGRAPHY

Phase constitution and aging of alloys in the system Al - Cu - Mn - Cd. M. E. Drita, E. M. Fadezhnova. Izv. AN SSSR, Met. no. 3:165-171 My-Je '65.

ALUMINUM FLUORIDES

Catalytic activity of aluminum fluoride. T. V. Antipina, N. D. Verashina. Kin. i kat. 7 no. 3:559-562 My-Je '66.

Rate of the process of cryolite production from crystalline sodium fluoride and aluminum fluoride solution. I. U. A. Kozlov, G. N. Bogachov. Zhur. prikl. khim. 39 no. 5:1163-1165 My '66.

ALUMINUM HYDROXIDE

Effect of the preparation technique and of the crystalline structure of hydroxide on the catalytic activity of aluminum oxide. V. A. Dzisl'skiy, M. Kolovertnova, N. S. Kotsarenko. Kin. i kat. 7 no. 3:508-511 My-Je '66.

ALUMINUM INDUSTRY—BY-PRODUCTS

Efficiency of the production of silicon-aluminum alloys by the carbothermic method. E. I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:96-100 '65.

Efficiency of using belite sludge in the cement industry. E. I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:98-100 '65.

ALUMINUM INDUSTRY—MANAGEMENT see subdivision under Kanakor (Armenia)

ALUMINUM-NICKEL ALLOYS—METALLOGRAPHY

Studying the process of leaching aluminum-nickel alloys for the production of selective catalysts. A. A. Presninkov, K. T. Chernousova, T. T. Bocharova. Trudy Inst. met. i obog. AN Kazakh SSR 15:65-73 '66.

ALUMINUM-NICKEL-COBALT ALLOYS—METALLOGRAPHY

Domain structure of Alnico alloy single crystals occurring in various structural states. I. A. S. Shur, M. G. Luchinskaya, Izv. AN SSSR Ser. fiz. 30 no. 6: 1022-1029 Je '66.

ALUMINUM OXIDE

Comparative evaluation of the efficiency of alumina production from aluminosilicates by the sintering of various composition charge mixtures. E. I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:93-95 '65.

Methods of calculating the costs of alumina production from complex charge mixtures by sintering. E. I. Khazanov, V. P. Gukov. Syr. res. leg. met. Vost. Sib. 5:84-92 '65.

Temperature range for the sintering and extraction of alumina and alkalis from complex alumina-containing charge mixtures. A. F. Kuz'micheva, E. I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:38-53 '65.

ALUMINUM PLANTS—CURRENT SUPPLY

Foremen of the power engineering department of the Volkov Aluminum Plant. Prom. energ. 21 no. 5:49-50 My '66.

ALUMINUM PLANTS—DESIGN AND CONSTRUCTION

see subdivision under Krasnoyarsk

ALUMINUM SALTS

Sticking of hydrolyzed aluminum ions in KU-1 resin micropores when washed by salt solutions. A. I. Zhukov, V. N. Onosov, L. M. Sheshtakova. Zhur. prikl. khim. 39 no. 5:1006-1012 My '66.

ALUMINUM-SILICON ALLOYS

see Silicon-aluminum alloys

AMATEUR ART ACTIVITIES

Festival of folk talents. I. Turkin. Sov. profsoyuzy 22 no. 10:11-16 My '66.

AMATEUR RADIO STATIONS

ABC's of shortwave radio amateur. Radio no. 5:18-20 My '66.

On the air of ten districts. I. U. Zhomov. Radio no. 5: 14-15 My '66.

Radio amateurs greet the 15th Congress of the V. I. Lenin All-Union Communist Youth League. Radio no. 5:5 My '66.

Radio station for 430-435 mc. operation. B. Karpov. Radio no. 5:24-25, 28 My '66.

Short and ultrashort radio waves. Radio no. 5:16-17 My '66.

Training and equipment of a "listener." A. Grechikhin. Radio no. 5:21-23 My '66.

When the flags on the masts are flying. G. Bezymenski. Radio no. 5:12-13 My '66.

AMATEUR THEATRICALS

see subdivision under Latvia

AMBERGRIS

Ambergris and sperm whale hunting. M. V. Ivashin. Priroda 55 no. 7:90-93 '66.

AMBLYOPIA

Treatment of amblyopia by Küpper and Bangerter's method. Sh. M. Kadyanova. Trudy Azerb. nauch. -issl. inst. oft. 4:101-105 '63.

AMEBIASIS

Observations on the clinical aspects of amebiasis. E. G. Mezhlumian. Zhur. eksper. i klin. med. 6 no. 2:64-71 '66.

AMIDES

Activation of amide groups by acylation. Part 7: Inclusion of hydroxy acids into linear peptides. V. K. Antonov and others. Zhur. ob. khim. 36 no. 6:1006-1012 Je '66.

Reactions of aryl azochloroacetyl chlorides with aromatic amines, amides, and acid hydrazides. M. O. Lozinskiy, P. S. Pol'kis. Zhur. org. khim. 2 no. 4:692-697 Ap '66.

AMINES

Alkylated aromatic amines. Part 7: Effect of methyl groups at nitrogen and also in ortho and para-positions of benzene ring on the ultraviolet spectra and ionization constants. N. I. Kudrashova, N. V. Khromov-Borsov. Zhur. org. khim. 2 no. 4:578-583 Ap '66.

Interaction between glycidic ether of 2,6-di-tert-butylhydroquinone and secondary amines. A. A. Volod'kin, V. V. Ershov, G. D. Ostapets-Sveshnikova. Izv. AN SSSR Ser. khim. no. 6:1093-1094 '66.

Interaction of 1-chloro- and 1-fluoroanthraquinones with secondary amines. V. V. Russkikh, E. P. Fokin. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:91-94 '66.

Physicochemical analysis of the systems amine acetates-indifferent solvent. I. I. A. Fialkov, I. A. Tarasenko, I. A. Borovikov. Zhur. ob. khim. 36 no. 8:981-987 Je '66.

Preparation of extrahents of the trialkylamine-type according to Hofmann's reaction. B. N. Laskorin, D. L. Skorovarov, V. A. Semenov. Zhur. prikl. khim. 39 no. 5:1049-1055 My '66.

Reaction of alkylamine salt with methanol in carbon tetrachloride. V. V. Sergievskiy, I. G. Frolov, G. S. Karetnikov. Zhur. fiz. khim. 40 no. 5:1001-1004 My '66.

Reaction of ethylene oxide with amine hydrochlorides; preparation of N, N-di (β-hydroxyethyl) amines. V. P. Mamaev, G. V. Shishkin. Zhur. org. khim. 2 no. 4: 583-586 Ap '66.

Reactions of aryl azochloroacetyl chlorides with aromatic amines, amides and acid hydrazides. M. O. Lozinskiy, P. S. Pol'kis. Zhur. org. khim. 2 no. 4: 692-697 Ap '66.

Synthesis of unsaturated silicon-containing amines. R. Sultanov, E. M. Khalilova, S. I. Sadykhzade. Azerb. khim. zhur. no. 2:97-102 '64.

AMINES—PHYSIOLOGICAL EFFECT

Use of nitrosamines for the induction of tumors. V. G. Evgrafov, V. P. Smirnov. Biol. eksp. biol. i med. 61 no. 5:100-102 My '66.

AMINO ACIDS

Amino acids. Part 3: Aminoacetic acid picrates. A. L. Remizov. Zhur. ob. khim. 36 no. 6:1041-1045 Je '66.

Amount of free amino acids in the meat of some deep-sea fishes of the Bering Sea. E. A. Nasedkina, L. S. Meshcheriakova. Izv. vys. ucheb. zav. i pishch. tekhn. 3:53-64 '66.

Catalytic effect of nitrogen-containing compounds on the isomeric conversions of carbohydrates. Part 2: Action of α-amino acids on α,β-isomerization of d-glucose. V. A. Anashev, N. I. Trushkina. Khim. i kat. 7 no. 3:543-547 My-Je '66.

Determining the affinity between pyridoxal phosphate and amino acids. V. I. Vasil'ev, V. I. Morozov. Vest. LGU no. 9:143-145 '66.

Isolation and study of the structure of the amino acid components of a hydrolysate of the antibiotic actinoidin. N. N. Lomakina, M. S. Ustinova, M. G. Brazhnikova. Antibiotiki 9 no. 10:880-885 O '64.

Reaction of α-amino acids with allyl cyanide and crotonitrile. P. F. Butskov, A. I. Butskene. Zhur. org. khim. 2 no. 4:600-602 Ap '66.

Some physicochemical properties of aqueous solutions of amino acids. P. A. Shershev, N. I. Vilutis. Lek. i syr. res. Irk. obl. no. 4:202-203 '65.

Synthesis of amino acids found in actinoidin hydrolysate. R. Bogner and others. Antibiotiki 9 no. 10:875-880 O '64.

Synthesis of ω-amino acids of the cyclohexane series. Part 3: Preparation of trans-β-(4-amino cyclohexyl)-propionic acid from β-(4-ketocyclohexyl)-propionic acid oxime. I. D. Petenev, R. S. Muranova, I. V. Perevkhina. Zhur. ob. khim. 36 no. 6:1039-1041 Je '66.

Synthesis of optically active liponino acids. I. I. G. Molodtsovskiy, L. D. Bregel'son. Izv. AN SSSR Ser. khim. no. 6:1096-1100 '66.

AMINO COMPOUNDS

2-Acetoxy-2-acetylamino hexafluoropropane and its reactions. I. I. Kuznetsov, I. V. Zelfman, N. P. Gamberlin. Izv. AN SSSR Ser. khim. no. 6:1108-1110 '66.

AMINOPHYLLINE—PHYSIOLOGICAL EFFECT

Effect of diaphylline on the osmoregulating function of the kidney in dogs. I. V. Natoshin, M. M. Sokolova. Biol. eksp. biol. i med. 61 no. 6:115-119 Je '66.

AMINOPYRINE

Experience in the use of pyrimidin (aminopyrine) in the stabilization of oil in H₂O k. emulsions. M. I. Balashova. Energetik 14 no. 6:18-19 Je '66.

AMMONIA

Assimilation of urea nitrogen and ammonium salts by rumen micro-organisms in animals. E. G. Kuchinskii. Khim. v sel'khoz. 4 no. 2:54-66 F '66.

AMMONIA AS FERTILIZER

(see also subdivision under Irkutsk Province; Moscow Province)

Practices in the use of anhydrous ammonia. N. Red'kin. Tekhn. v sel'khoz. 26 no. 5:45-48 My '66.

AMMONIUM CHROMATE

Flame photometric method of determining sodium and potassium in ammonium chromate and bichromate (reactive). V. I. Zablitskiy, I. B. Bulycheva. [Trudy] UNIKHIM no. 11:16-18 '64.

AMMONIUM COMPOUNDS

Relationship between the structure and the activity of ammonium ions as catalysts for the conversion of thioacetic acid to polythionic acids. N. P. Volynskiy, N. K. Druzhinin. Zhur. org. khim. 2 no. 4:587-590 Ap '66.

AMMONOLYSIS

Oxidative ammonolysis of a mixture of alkanes as a method for obtaining nitrile compounds. T. N. Shakhmatovskiy, K. A. Alieva. Azerb. khim. zhur. no. 2:70-84 '64.

Oxidative ammonolysis of isomers of dimethylhexane and their mixture in a fluidized bed of a catalyst. S. D. Mekhtiev, R. I. Mageranova. Khim. i khim. 6 no. 2:291-296 Mr-Apr '66.

AMORTIZATION DEDUCTIONS

Accounting for obsolescence in amortization deductions. B. Egiazarian. Nauch. dokl. vys. shkoly, ekon. nauch. 9 no. 3:110-115 '66.

AMPHIBIANS

Regeneration of the central nervous system in amphibians. V. N. Petrov, L. M. Belova. Uch. zap. Kirov. 140:1-12 '63.

AMPLIFIERS (ELECTRONICS)

Inventions. Energ. i elek. no. 1:48 Jan-Feb '66.

Mamonkin, I. G. [Amplifiers] Usilitel'nye ustroystva. M. SSSR, Svyaz', 1966. 399 p.

Measurement of the signal-to-noise ratio of electronic optical amplifiers. L. A. Toknyl, G. A. Gavrishov, N. I. Gurevich. Radiotekh. i elektron. 11 no. 7:1227-1129 JI '66.

Recent developments in solid state physics; electronic current amplifies waves. S. G. Kalashnikov, I. V. Gullayev. Priroda 55 no. 7:14-22 '66.

Statistical characteristics of the output signal of an electron-beam quasi-degenerated type quadrupole amplifier. V. A. Vanke, V. B. Magalinskii. Radiotekh. i elektron. 11 no. 7:1210-1217 JI '66.

AMPLIFIERS, ELECTRON-TUBE

High-quality low-frequency amplifier. N. Zykov. Radio no. 5:29-32 My '66.

AMU DARYA—SEDIMENTATION AND DEPOSITION

In situ studies of ripple-type movement of sediments. D. I. A. R. Kevlekh. Trudy GGI no. 132:139-140 '66.

AMU DARYA DELTA—PHYSICAL GEOGRAPHY

Some aspects of the interaction of nature and society as exemplified by the history of the reclamation of the lower Amu Darya Valley in the 18th and 19th centuries. B. V. Andrianov. Izv. Vses. geog. ob-va 98 no. 2:14-27 156 Mr-Apr '66.

AMUR PROVINCE—HAFNIUM

Behavior of zirconium and hafnium in pegmatites in the western part of the Southern Stanovoy belt. A. V. Konterin, I. D. Shevalevskiy, V. E. Kizlura. Geokhimiya no. 10:1043-1047 O '64.

AMUR PROVINCE—ZIRCONIUM

Behavior of zirconium and hafnium in pegmatites in the western part of the Southern Stanovoy belt. A. V. Konterin, I. D. Shevalevskiy, V. E. Kizlura. Geokhimiya no. 10:1043-1047 O '64.

AMYLASE

Comparative study of the amylolytic activity of vitreous humor and blood. U. I. Anukhina. Trudy Azerb. nauch. -issl. inst. oft. 4:121-123 '63.

Hemolytic and amylase tests used in laboratory diagnosis of hog cholera. A. S. Grishchenko, N. G. Zishmanova, L. M. Pristula. Vop. vet. virus. 2:141-149 '66.

Regulator of the fungi amylase of wheat bran. E. I. Gorbatova, N. V. Novotol'nov, I. S. Ezhov. Izv. vys. ucheb. zav. i pishch. tekhn. no. 3:41-43 '66.

Shul'man, M. S. [Sorption of amylolytic enzymes]

Sorbents amiloliticheskiy fermentov. Moskva, Pishchevaya promyshlennost', 1966. 80 p.

AMYLOIDOSIS

Serological analysis of amyloid nephrosis. A. A. Aravazhyan, S. A. Petrosian. Zhur. eksper. i klin. med. 6 no. 6:85-89 '66.

ANADYR LOWLAND—WATER, UNDERGROUND ANALYSIS

Hydrochemical indicators of the presence of oil and gas in the eastern part of the Anadyr Lowland. V. V. Kozlov, V. I. Kozlov. Neftgaz, geol. i geofiz. no. 5:30-33 '66.

ANALYTIC FUNCTIONS

see Functions, Analytic

ANALYTICAL CHEMISTRY

see Chemistry, Analytical

ANATOMY—CONGRESSES

Congress of anatomists, histologists, and embryologists in Yugoslavia. M. S. Mitakevich, A. I. Polonsky. Trudy sovr. biol. 61 no. 3:491-493 My-Je '66.

ANCHORAGE

Making use of winds and currents in bringing the ships alongside the pier. A. Vasil'ev, V. Bolodurov. Recepty transp. 23 no. 4:40-42 Ap '64.

ANCIENT RHETORIC

see Rhetoric, Ancient

ANEMOMETER

Estimating the error of wind velocity measurements made by an anemometer set on a buoy. R. S. Kozlovskiy, Trudy GGO no. 187:163-166 '69.

ANEMONES

see subdivision under Siberia

ANESTHESIA IN VETERINARY SURGERY

Use of barbitol in anesthesia of sheep and cattle. E.V. Mal'tsev, I.D. Cherkashin, N.V. Golubikh. *Sborn. nauch. rab. stud. Sar. zootekh.-vet. inst.* 3:58-63 '65.

ANESTHESIOLOGY

Anesthesiological and reanimation aid in a remote garri-son hospital. V.I. Dzidzha, V.G. Dybok. *Voen.-med. zhur.* no. 5:65-66 My '66.

ANEURYSMS

Plastic surgery on arteries using synthetic fiber pros-thesis in operations for traumatic aneurysms. M.I. Lytkin. *Voen.-med. zhur.* no. 6:36-38 Je '66.

Traumatic aneurysm of the vertebral artery. K.D. Krivtavi, A.R. Gvamtchaya. *Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR* 8:93-102 '59.

ANGARA VALLEY—PALEOGEOGRAPHY

History of the development of the Yenisey and Angara Valleys in the estuary part of the Angara. S.A. Laukhin, M.H. Sadikova. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 3:67-80 My-Je '66.

ANGIOMA

Experimental study of the damage in the gonad region in small distance X-ray therapy of angiomatous children. E.L. Podlashuk, M.M. Khrushchov. *Med. rad.* 11 no. 5:16-21 My '66.

ANGIOSPERMS

Nodal structure in some herbaceous dicotyledons and monocotyledons. S.F. Zavalishina. *Uch. zap. Ped. inst. Gerts.* 310 167-164 '66.

ANGIOSPERMS—CLASSIFICATION

Grossgeim, A.A., and M.F. Sakhokina. [A review of the latest systems of flowering plants] *Obzor novostikh sistem tsvetkovykh rastenii. Red. i predisl. M.F. Sakhokina. Tbilisi, Metsnereba, 1966, 190 p. diagr. (insert)*

ANGULAR MOMENTUM (NUCLEAR PHYSICS)

Quasi-static perturbation of angular correlations. V.A. Khucharev. *Izv. AN SSSR. Ser. fiz.* 30 no. 7: 1101-1106 Jl '66.

ANILINE—SPECTRA

Absorption spectra of 2, 4, 6-trinitroaniline and 2, 4, 6-trinitrodiphenylamine. E.E. Mikhlin. *Zhur. ob. khim.* 36 no. 6:1034-1038 Je '66.

ANIMAL PRODUCTS—STANDARDS

[Preserved raw lentils] *Kishid-sytets konsorvirovannye. (OST KZ SNK 365—OST KZ SNK 366) Izd. offtstal'noe, Moskva, Izd-vo Standartov, 1964, 19 p. (SSSR, Gosudarstvennoye standarty)*

ANIMALS, HABITS AND BEHAVIOR OF

Digestive canal and specialized feeding habits. V.G. Kasil', A.M. Ugolev. *Trudy Inst. fiziol.* 11:182-204 '65.

ANISPLA—EXTERMINATION see subdivision under Kuybyshev Province

ANISOTROPY

Double-layer films of manganese-permalloy with uni-directional anisotropy (features of domain structure). A.A. Glazov, A.P. Potapov, R.I. Tuglov. *Izv. AN SSSR. Ser. fiz.* 30 no. 6:1058-1061 Je '66.

Role of vacancies and dislocated atoms in the formation of induced anisotropy. A.G. Lentsk, G.I. Levin, V.M. Nedostup. *Izv. AN SSSR. Ser. fiz.* 30 no. 6: 1050-1054 Je '66.

Unidirectional anisotropy as dependent on the degree of atomic order in the Ni-Mn alloy. M.I. Turchinskaya, S.L. Fridman. *Izv. AN SSSR. Ser. fiz.* 30 no. 6:1004-1007 Je '66.

ANNEALING OF METALS

Effect of the annealing temperature on the structure of skeletal nickel. K.T. Chernousova, A.A. Presniakov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 15:74-78 '66.

ANNELIDA, FOSSIL see subdivision under Ukraine

ANOXEMIA

Changes in the oxygen tension in normal tissues and in sarcoma-45 in rats during regional anoxia. R.I. Hampan. *Med. rad.* 11 no. 5:30-35 My '66.

Comparative analysis of the effect of gravitational stress and hypoxia on the oxygen tension in cerebral tissues. B.M. Savin. *Biul. eksp. biol. i med.* 61 no. 5: 19-23 My '66.

Mechanism of the change in reflexory reactions of the blood pressure in hypothermia and oxygen deficiency. T.V. Popova. *Trudy Inst. fiziol.* 11:270-300 '66.

ANTARCTIC REGIONS—NAVIGATION

Dubinin, A.I. [Sailing to Antarctica] *Plavanie v Antark- tiku. Moskva, Transport, 1966, 242 p.*

ANTARCTIC REGIONS—OCEAN TEMPERATURE

Causes of the thermal asymmetry of Antarctica. V.N. Kupetski. *Izv. Vses. geog. ob-va* 98 no. 2:130-137 Mr-Apr '66.

ANTENNAS (ELECTRONICS)

Design of nonequidistant antennas. V.A. Venchikov. *Radioelektronika, 11 no. 6:1129-1130 Je '66.*

New method for phasing a multielement antenna array with a discrete phase shifter. F.A. Aronov. *Radio- tekhnika i elektronika, 11 no. 7:1181-1188 Jl '66.*

Plane antennas with randomly placed radiators. M.B. Zakson, V.V. Merkulov. *Radioelektronika, 11 no. 6:1128 Je '66.*

ANTHELMINTICS

Anthelmintic effect of marsh tea. S.D. Trotsenko. *Lek. i syr. res. Irk. obl.* no. 4:180-182 '65.

ANTHOCYANIN

Changes in the anthocyanin and leucoanthocyanin content of plants depending on the type of salinization. B.P. Stronov, R.Kh. Dostanova. *Fiziol. rast.* 13 no. 3: 509-516 My-Je '66.

ANTHRACENE—SPECTRA

Quasi-line spectra of 1, 2-benzanthracene and its methyl derivatives. Part I. M.A. Fenina. *Opt. i spekt.* 20 no. 5:768-772 My '66.

ANTHRACITE COAL

Cutting anthracite by the BK-52m cutter-loader. R.P. Ovchinnikov, S.F. Spiridonov, G.I. Akimenko. *Ugol' Ukr.* no. 6:32-33 Je '66.

Study of the mechanism of the combustion of anthracite dust. I.P. Ivanova, V.I. Babii. *Topoenergetika* 13 no. 5:76-81 My '66.

ANTHRAQUINONE

Interaction of 1-chloro- and 1-fluoroanthraquinones with secondary amines. V.V. Russkikh, E.P. Fokin. *Izv. SO AN SSSR no. 3. Ser. khim. nauk* no. 1:91-94 '66.

ANTHRAQUINONECARBOXYLIC ACID

Derivatives of anthraquinone. Part 9: Nitration of 2, 5-dimethylbenzophenone and synthesis of aminoanthraquinonecarboxylic acids. N.S. Dokunikhin, E.I. Mostoslavskaya. *Zhur. org. khim.* 2 no. 4:713-717 Ap '66.

ANTHRAQUINONES

Derivatives of anthraquinone. Part 9: Synthesis of 1-amino-2-benzoyl-6, 7-dihalo derivatives of anthraquinone. N.S. Dokunikhin, S.I. Shein, I.L. Boguslavskaya. *Zhur. org. khim.* 2 no. 4:717-722 Ap '66.

ANTHRAQUINONES—SPECTRA

Characteristics of the luminescence and adsorption spectra of α - and β -alkyl and arylanthraquinones in solutions. Part 2. N.A. Shecheglova, D.N. Shigorin, N.S. Dokunikhin. *Zhur. fiz. khim.* 40 no. 5:1048-1055 My '66.

ANTHRONE

Determination of small amounts of sodium carboxy-methylcellulose in aqueous and saline solutions using the anthrone method. A.P. Medvedeva, L.I. Konushko. *Zav. lab.* 32 no. 5:526-528 '66.

ANTIBIOTICS

Antagonistic properties of the fungi from the genus *Penicillium* Link. isolated from the soils of the Turkmen S.S.R. Kh.N. Oruzov, T.P. Sizova. *Biul. MOIP, Otd. biol.* 71 no. 2:118-130 Mr-Apr '66.

Biochemical mechanisms of antibiotic action. G.F. Gauze. *Antibiotiki* 9 no. 10:846-850 O '64.

Chemotherapy of experimental cholera infection and intoxication. A.G. Somova. *Antibiotiki* 9 no. 10:803-807 O '64.

Combined effect of penicillin, levomycetin, and some water-soluble vitamins on aseptic inflammation and phagocytosis. E.M. Chukichev. *Antibiotiki* 11 no. 5: 442-446 My '66.

Effect of antibiotics and cortisone on experimental staphylococcal infection in the Fallopian tubes. L.A. Samorodnova. *Antibiotiki* 11 no. 5:450-454 My '66.

Effect of polyenic antibiotics on phytopathogenic fungi in vitro. A.N. Egorenkova. *Antibiotiki* 9 no. 10:919-923 O '64.

Experience in the determination of the sensitivity of microbes to antibiotics. Z.Kh. Rudol, K.A. Petrov, A.T. Khatevskii. *Voen.-med. zhur.* no. 6:74-75 Je '66.

Experimental in vitro study of staphylococcal strains isolated from patients. T.V. Golosova, T.P. Anikina. *Antibiotiki* 9 no. 10:936-943 O '64.

Regularities of oxacillin distribution in the organism of laboratory animals. E.A. Rudzit, I.V. Abaza, Z.V. Hefedova. *Antibiotiki* 11 no. 5:437-441 My '66.

Separation of ristomycin variants. M.F. Lavrova and others. *Antibiotiki* 9 no. 10:885-891 O '64.

Sequestrectomy combined with antibiotic therapy in treating chronic osteomyelitis in children. A.A. Postukova, G.M. Kazakov. *Antibiotiki* 11 no. 5:475-478 My '66.

Study of the effect of some antibiotics combined with the new sulfanilamide preparation sulfapyridazine in the acute course of experimental staphylococcal infection. I.M. Dunitsova, T.V. Golosova, T.P. Anikina. *Antibiotiki* 11 no. 5:430-437 My '66.

Study of the mobility of the ristomycin complex and its components in an electric field by the methods of high- and low-voltage electrophoresis. G.V. Samanov, E.D. Etingov. *Antibiotiki* 9 no. 10:881-884 O '64.

Systematic position and variability of the organisms producing the antineoplastic antibiotic bruceomycin. E.S. Kudrina and others. *Antibiotiki* 11 no. 5:400-405 My '66.

Tissue permeability to antibiotics under pathological, chiefly infectious conditions. G.I.A. Kivman, V.P. Iakovlev. *Antibiotiki* 11 no. 5:479-486 My '66.

Twenty-five years of the era of antibiotics. S.A. Waksman. *Priroda* 55 no. 7:33-40 '66.

Virucidal properties of the antibiotic 1936/I. K.I. Garmanova, A.M. Savileva, T.A. Goncharakina. *Antibiotiki* 9 no. 10:914-918 O '64.

ANTIBIOTICS—SIDE EFFECTS

Effect of blomycin and levomycetin on the development of alimentary lesions of the liver in rats. Kh.E. Gadzhiev, I.A. Shamov. *Biul. eksp. biol. i med.* 61 no. 6:42-46 Je '66.

ANTICOAGULANTS (MEDICINE)

Treatment with anticoagulants and fibrinolytic substances. A.P. Golikov. *Voen.-med. zhur.* no. 6:92-95 Je '66.

ANTICOMMUNIST PROPAGANDA see Propaganda, Anticommunist

ANTIGENS AND ANTIBODIES

Antigen composition of preparations of purified erythro-genic toxin. I.S. Kazdobina, V.V. Akimova, V.A. Burshtein. *Zhur. mikrobiol., epid. i immun.* 43 no. 5: 111-116 My '66.

Antigenic activity and the relationship of the Ru and R₂ variants of the European chicken plague virus. G.A. Ivanova and others. *Vop. vet. virus.* 2:412-417 '66.

Antigenic properties of DNA entering into the artificial DNA-protein complex. K.V. H'in. *Biul. eksp. biol. i med.* 61 no. 6:56-61 Je '66.

Antigenic properties of DNA. K.V. H'in. *Biul. eksp. biol. i med.* 61 no. 5:91-93 My '66.

Detection of stage-specific antibodies in the blood of pregnant women. A.I. Iskhakov. *Biul. eksp. biol. i med.* 61 no. 5:107-110 My '66.

Determination of antibodies to penicillin in an experiment with guinea pigs. A.V. Maslova, E.P. Chenchikova. *Antibiotiki* 11 no. 5:460-463 My '66.

Dynamics of anti-influenza antihemagglutinins in the population related with the epidemic waves of influenza. I.A. Shifrin, L.I. Shifrin, I.I. Kamalov. *Voen.-med. zhur.* no. 12:53-54 D '65.

Effect of the method of antigen administration on the production of antibodies. F.P. Kurchenko, A.A. Pozdnjakov, G.P. Kornievskina. *Vop. vet. virus.* 2: 630 '66.

Immunological changes in cancer of the thyroid gland. K.A. Sidorov, L.F. Vinnik. *Vop. onk.* 12 no. 6:46-50 '66.

Inclusion of host antigens into the structure of viruses. Z.I. Novikova. *Usp. sov. biol.* 61 no. 3: 415-426 My-Je '66.

Lysogenicity in streptococci isolated from patients with scarlet fever. A.G. Leonova, A.R. Zemel', Zhur. mikrobiol., epid. i immun. 43 no. 5:98-102 My '66.

Regularities of the appearance of Cx-reactive protein and its connection with the formation of antibodies. I.B. Frazina. *Biul. eksp. biol. i med.* 61 no. 5: 61-64 My '66.

Role of heredity in the antibody production in inbred mice strains. O.V. Rokhlin. *Biul. MOIP, Otd. biol.* 71 no. 2:131-140 Mr-Apr '66.

Search for specific cancer antigens in the organs of patients with cancer. V.S. Korosteleva, F.N. Koslovskiy. *Biul. eksp. biol. i med.* 61 no. 5:94-97 My '66.

Some regularities in the local antibody production following the second antigen introduction (immunological memory). M.I. Levi and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 5:59-64 My '66.

ANTIGENS AND ANTIBODIES—ANALYSIS

Detection of cells producing antibodies to O-antigen of *Salmonella typhi* by the method of local passive hemolysis in agar. V.V. Solov'ev and others. *Biul. eksp. biol. i med.* 61 no. 5:119-120 My '66.

Reaction of indirect hemadsorption. I.A.S. Shvartsman, A.V. Isopoltova. *Biul. eksp. biol. i med.* 61 no. 5: 121-123 My '66.

Substances of the type of normal precipitins to the antigens of the sponge *Haliclona panicea* (P) in *Actinia equina* (L), *Arenicola marina* (L), *Mytilus edulis*, and *Styela rustica* (L). A.A. Lazysky. *Biul. eksp. biol. i med.* 61 no. 6:75-77 Je '66.

ANTIMONY—CADMIUM ALLOYS see Cadmium-antimony alloys

ANTIMONY—COPPER ALLOYS—METALLOGRAPHY

Investigating the viscosity and electric conductivity of a eutectic antimony-copper alloy. I.A.I. Datchuk, P.V. Panasuk. *Fiz. met. i metalloved.* 18 no. 1:155-156 Jl '64.

ANTIMONY ISOTOPES

Mechanism of spin-spin and spin-lattice relaxation in complex compounds of antimony trichloride. V.S. Grechishkin, A.D. Gordeev. Zhur.struk.khim. 7 no.2:205-209 Mr-Apr '66.

ANTIMONY ISOTOPES—DECAY

^{125}Sb decay. E.P. Mazets, I.U.V. Sergeenkov. Izv. AN SSSR. Ser. fiz. 30 no.7:1185-1192 Ji '66.

ANTINEOPLASTIC AGENTS

Introduction of antineoplastic preparations by the electrophoresis method. R.M. Streikova. Vop.onk. 12 no.6:56-62 '66.

Sym-1,2-bis(p-nitrophenylethyl)ethylene diphosphonate. I.L. Kuntants and others. Izv. AN SSSR. Ser. khim. no.6:1115-1116 '66.

Use of tetracyclines in oncology. V.A. Filov, T.V. Shernikina, N.A. Levitskaia. Vop.onk. 12 no.6: 99-103 '66.

ANTIOXIDANTS

Antioxidant properties of organosulfur compounds present in mineral oils and the possibility of aryl sulfide complex formation. S.E. Krein, I.A. Rubinshtein, E.A. Popova. Neftekhimiia 6 no.2:241-248 Mr-Apr '66.

Mechanism of antioxidant action. M.B. Nelman, V.B. Miller, Zhur.VKHO 11 no.3:247-261 '66.

ANTIPYRINE

Antipyrine dyes as reagents for heptavalent rhenium.

A.I. Busev, M.B. Ogareva. Zhur.anal.khim. 21 no.5:574-583 '66.

ANTISEPTICS

Evaluating the toxicity of antiseptics from the probability of wood protection. D.A. Belenkov. Izv. vys. ucheb. zav., les. zhur. 8 no.2:94-98 '66.

ANTITUBERCULAR AGENTS

Experimental use of dihydrostreptomycin ascorbate in pulmonary tuberculosis. E.S. Stepanian and others. Antibiotiki 11 no.5:468-471 My '66.

ANTRUM OF HIGMORE see Maxillary sinus

ANTS—PARASITES see Parasites—Ants

AORTA

Chondrome in the endothelial cells of the human aorta. R.P. Stepanov. Arkh. anat., gist. i embr. 50 no.5:54-60 My '66.

AORTA—DISEASES

Clinical morphological comparisons in patients with isolated aortic stenosis complicated with pulmonary hypertension. A.M. Shurgala, A.V. Baeva. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:149-151 '65.

Tissue structure of the aortic arch under different physical activity conditions of the organism. I.U.P. Antypchuk. Dop. AN URSR no.6:822-824 '66.

AORTIC VALVE

Functional evaluation of a correction of aortic insufficiency by means of a new valve from the aortic intima. S.S. Zabozaev. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:137-142 '65.

APARTMENT HOUSES

(see also subdivision under Chelyabinsk; Sevastopol)
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu i arkhitekture. [Instructions on designing structural elements for large-panel residential buildings] Ukazaniia po proektirovaniu konstruktivnykh i tekhnicheskikh zhidlykh domov (SN 321-05). Moskva, Stroiizdat, 1966, 159 p.

APARTMENT HOUSES—HEATING AND VENTILATION

(see also subdivision under Moscow)
Constructing continuous ventilation blocks for apartment houses in series 1-467A. A.A. Shadrin. Transp. stroi. 16 no.6:26-28 Je '66.

APARTMENT HOUSES—MAINTENANCE AND REPAIR

(see also subdivision under Leningrad)
Repair of apartments. Zhil.-kom. khoz. 14 no.5:29-30 My '64.

APARTMENT HOUSES, COOPERATIVE—FINANCE

From practice in cooperative housing construction: questions and answers. D. Pudkov. Fin. SSSR 40 no.6:79-80 Je '66.

APHELINIDAE

(see also subdivision under Caucasus)

Nikol'skii, M.N., and V.A. Iasnosh. Aphelinidae of the European part of the U.S.S.R. and the Caucasus; Chalcidoidea, Aphelinidae Afelindy Evropeiskoi chasti SSSR i Kavkaza; Chalcidoidea, Aphelinidae. Moskva, Nauka, 1966, 294 p. (Opredeliteli po faune SSSR, no. 91)

APHID FLIES see subdivision under Kazakhstan

APOMORPHINE—TOXICOLOGY

Effect of apomorphine on the toxicity of adrenaline and phenamine. M.L. Belen'ki, M. Vitolina, R. Vitolina. Biol. eksp. biol. i med. 61 no.5:70-72 My '66.

APOPHYLLITE see subdivision under Dnieper Valley

APOPLEXY

Materials on morphology of subarachnoid hemorrhages in acute craniocerebral trauma. I.V. Vinogradov. Voen.-med. zhur. no.5:25-27 My '66.

Syndromes of dementia following acute disorders of cerebral blood circulation. A.L. Abashev-Konstantinovskii. Zhur. nevr. i psikh. 66 no.5:714-720 '66.

APOPLEXY—COMPLICATIONS AND SEQUELAE

Mechanism of the development of pains in the shoulder joint of a paretic extremity in patients with poststroke motor disorders. G.R. Tkacheva. Zhur. nevr. i psikh. 66 no.5:674-680 '66.

APPARENT DEATH see Death, Apparent

APPENDECTOMY—COMPLICATIONS AND SEQUELAE

Late results of an appendectomy. G.D. Isaeliani, D.L. Kandelaki. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:269-277 '59.

APPLE SCAB

Resistance of the agents of apple scab to fungicides. N.A. Shubkova. Khim. v sel'khoz. 4 no.2:22-27 F '66.

APPLIED MECHANICS see Mechanics, Applied

APPROXIMATE COMPUTATION

Best approximation in mean value of functions satisfying a Lipschitz condition. S.P. Turavets'. Dop. AN URSR no.6:725-729 '66.

Chelyshev approximation with and without links in some hypercomplex spaces. V.D. Koromyshtchenko. Dop. AN URSR no.6:702-708 '66.

APRICOT

Morphogenesis and cytoembryology of the common apricot (*Armenica vulgaris* Lam.). A.I.A. Radouenkov, N.P. Berezenko. Ukr. bot. zhur. 23 no.3:50-58 '66.

APSHERON PENINSULA—SECONDARY RECOVERY OF OIL

Studying oil recovery in the displacement of petroleum from a porous medium by driving reagents. S.A. Vezirov, L.S. Melik-Azlanov, A.N. Vakulin. Azerb. neft. khoz. 45 no.5:22-27 My '66.

AQUATIC SPORTS

The relay race baton flashes. G. Kozhin. Voen. znani. 42 no.6:11 Je '66.

The Spartakiada is getting nearer. Voen. znani. 42 no.6:12 Je '66.

AQUATION

Stability of a hexachloroplatinate ion in aqueous solutions. V.M. Shul'man, V.I. Dubinskii. Izv. SO AN SSSR no.3. Ser. khim. nauk no.1:25-31 '66.

ARABAT TONGUE—BOTANY

Plant cover of the northern tip of the Arabat Tongue. L.A. Kuznetsov. Uch. zap. Ped. inst. Gerts. 310 195-214 '66.

ARABIA—OASES

Secrets of the oases. V. Bodianskii. Az. i Afr. seg. 10 no.7:12-13 Ji '66.

ARABINOSE

Comparative evaluation of glucose and arabinose absorption by the alimentary canal in healthy animals and those with experimental diabetes. L.A. Drzhevetnitskii. Biol. eksp. biol. i med. 61 no.6:40-42 Je '66.

ARACHNIDA

System of water mites and their place in the suborder of Trembidiformes. G.A. Vainshtein. Trudy Inst. biol. vnutr. vod. no.3:86-93 '65.

ARAL SEA—DISCOVERY AND EXPLORATION

A.I. Butakov, explorer of the Aral Sea; on the 150th anniversary of his birth. V.V. Khlopov. Izv. Vses. geog. ob-va 98 no.3:205 My-Je '66.

ARAL SEA—PELECUS

Ecologic and morphologic characteristics of the early development of Pelecus cultratus (L.) of the Aral Sea. M.N. Gosteeva, E.L. Markova. Vop. ikht. 0 no.2:237-247 '66.

ARAL SEA—PIKE PERCH

Pike perch catch in the Aral Sea. A.I.A. Shafigullin. Ryb. khoz. 42 no.5:44-45 '66.

ARBITRATION AND AWARD

(see also subdivision under Bulgaria; Ukraine)
Adjust the structure of government arbitration to the standard of the objectives of the recent economic reform. I.T. Gavrilenko, I.G. Pobirichenko. Sov. gos. i pravo 36 no.6:45-47 Je '66.

ARBORETUMS see subdivision under Ukraine

ARCHAEOLOGICAL RESEARCH see subdivision under Afghanistan; Ukraine

ARCHAEOLOGY see subdivision under Asia, Central; Bashkiria

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHAEOLOGY, MEDIEVAL see subdivision under Crimea

ARCHITECTURAL DRAWING

Kirillov, A.F., and M.S. Sokolovskii. [Mechanical and architectural drawing] Cherenko Trgovants, Moskva, Vysshaya shkola, 1966, 330 p.

ARCHITECTURE

(see also subdivision under Astrakhan; Vilnius)

New goals for creative work. Arkh. SSSR no.5:1-4 '66.

ARCHITECTURE—DESIGNS AND PLANS

Notlike charts in course projects. G.N. Tsarov. Vest. vys. shkoly 24 no.6:76-79 Je '66.

ARCHITECTURE—LAW AND LEGISLATION

Liability of planning organizations for failure to prepare the designs by the time fixed in contracts. G.L. Znamenskii. Vest. Mosk. un. Ser. 12; Pravo 21 no.1:73-81 Ja-F '66.

ARCHITECTURE, ANCIENT see subdivision under Olbia (Borysthenes)

ARCHITECTURE, MEDIEVAL

History of architecture in the Russia of the tenth century. M.V. Kholodentko. Arkheologia 19:66-86 '66.

ARCHIVES

(see also subdivision under Kiev Province)

Conservation and classification of archival documents. Part. zhizn' no.15:48 Ag '66.

ARCTIC OCEAN—FISHERIES

Fishermen in the open sea. V. Kurach. Part. zhizn' no.13:54-60 Ji '66.

ARCTIC REGIONS

How the members of the Noble Expedition were saved. L.P. Borisov. Vop. let. 41 no.7:207-211 Ji '66.

ARCTIC REGIONS—ENCYRTIDAE

Two new species of Arctic encyrtids (Hymenoptera, Encyrtidae). V.A. Triapitsyn. Trudy Zool. inst. 37:132-136 '66.

ARCTIC REGIONS—ICE

Precipitation changes in the northern hemisphere are related to temperature changes in the polar basin. V.A. Drozdov. Trudy GGO no.100:3-16 '66.

ARCTIC REGIONS—RUSSIAN EXPLORATION

Mironov, A.E. [Ice odyssey (notes of a member of the "Chelmskii" expedition; a documentary narrative)] Ledovaya odysseia (zapiski chelmskintsa); dokumental'naya povest'. [Moskva] Molodai gvardia, 1966, 220 p.

ARGENTINA—POLITICS AND GOVERNMENT

What happens in Argentina? Juan Cobo. Nov. vrea. 24 no.31:17-19 Ji '66.

ARGILLITE

Industrial sampling of argillite rocks as raw material for aluminum production. E.M. Shcheglovskaya, I.I. Khazanova. Syr. res. leg. met. Vost. Sib. 5:79-81 '65.

Thermo- and hydrochemical treatment of argillites. V.P. Rudomintseva. Syr. res. leg. met. Vost. Sib. 5:73-76 '65.

ARGILLITE—ELASTIC PROPERTIES

Elastic properties and temporary resistance to compression of various kinds of diabase, sandstone, and argillite. Z.S. Mokhov. Sbor. trud. LIZIT' no.230:147-160 '65.

ARGON ISOTOPES

Xenon and argon isotopes in the oldest rocks of the earth. I.U.A. Shukolukov, I.N. Tolstikhin. Geokhimiia 19:119-120 O '66.

ARISTICHTHYS

Development of *Aristichthys nobilis* (Rich.). A.I. Sukhanova. Vop. ikht. 6 no.2:264-276 '66.

ARISTOLOCHIA

Nodal structure and anatomical and morphological characteristics of some species of the family Aristolochiaceae. A.A. Morozova, S.F. Zavalishina. Uch. zap. Ped. inst. Gerts. 310 263-272 '66.

ARITHMETIC—PROBLEMS, EXERCISES, ETC.

Moscow, Gorodskoi institut unovershennatvovaniia uchitel'. [A guide for teachers in covering the most difficult subjects in the program of primary grades; the second grade V pomoshch' uchebnoi pri prokhozhenii naibolee slozhnykh tem programmy nachal'nykh klassov; vtoroi klasse. Moskva.

Ogarkova, N.V. [Cards for independent work in arithmetic in the second grade, with some elements of self-control] Kartochki dlia provedeniia samostoiatel'noi raboty po arifmetike vo vtorom klasse; s elementami samokontroliia, 1966, 1 v.

ARITHMETIC—STUDY AND TEACHING

Erdnitsky, P.M. [Use of the opposition method in an arithmetic class in the first grade; textbook for teachers of elementary grades.] Metod protivopostavleniya na urochakh arifmetiki v pervom klasse; posobie dlia uchitelov nachal'nykh klassov. Moskva, Prosveshcheniye, 1966, 135 p.

ARLAN OIL FIELD—OIL FIELD FLOODING

Effect of additives of surface active substances on flooding Arlan oil from a porous medium. L.I. Mekentiskaya, M.M. Kusakov. Trudy MINKHGI no. 37:9-16 '66.

ARLAN OIL FIELD—PETROLEUM—ANALYSIS

Characteristics of stable sulfur compounds from intermediate fractions of Arlan crudes. I.A. B. Chertkov, V.G. Spirkin, V.N. Denishev. Neftekhimiya 6 no. 2: 309-311 Mr-Apr '66.

ARMED FORCES see subdivision under Russia

ARMED FORCES—APPROPRIATIONS AND EXPENDITURES

Military expenditures in the capitalist countries. E. Rozental'. Mezhdunar. zhizn' 13 no. 7:140-143 '66.

ARMENIA—ANTIQUITIES

Archaeological discoveries in Gekhadir. Zh. D. Khachatryan. Vest. obshchestv. nauk AN Arm. SSR no. 1: 83-93 Ja '66.

ARMENIA—CULTURE—HISTORIOGRAPHY

Problem of the history of the cultural revolution in Soviet Armenian historiography. K. S. Khudaverdian. Vest. obshchestv. nauk AN Arm. SSR no. 1:3-15 Ja '66.

ARMENIA—DESIGN, INDUSTRIAL

Beauty into production. A. Safrabekian. Prom. Arm. 9 no. 6:62-65 '66.

ARMENIA—ECONOMIC POLICY

Boundaries of creative activity. G. Arutunian. Prom. Arm. 9 no. 6:3-6 '66.

ARMENIA—ELECTRIC MACHINERY INDUSTRY

With the "Armelektrozavod" trademark. Kh. Levonian. Vnesh. torg. 46 no. 6:14-15 '66.

ARMENIA—FUEL

Fuel base in southeastern Armenia. A. Danilov. Prom. Arm. 9 no. 6:23-25 '66.

ARMENIA—INDUSTRIAL MANAGEMENT

Improve production, work the new way. K. Zaratian. Prom. Arm. 9 no. 6:27-28 '66.

In the Council of Ministers of the Armenian S.S.R.

Prom. Arm. 9 no. 6:72-73 '66.

Information and consultations. Prom. Arm. 9 no. 6: 77-78 '66.

ARMENIA—IRON INDUSTRY

Future of ferrous metallurgy in Armenia. A. Snguradina and others. Prom. Arm. 9 no. 6:21-23 '66.

ARMENIA—LABOR AND LABORING CLASSES

Worker, delegates to the people's parliament. Prom. Arm. 9 no. 6:15-17 '66.

ARMENIA—METALS—HEAT TREATMENT

Heat treatment of metals in ancient Armenia. T. Kozanchian. Prom. Arm. 9 no. 6:65-67 '66.

ARMENIA—STONE INDUSTRY

Efficiency is the main thing. A. Ambartsumian, E. Davydova. Prom. Arm. 9 no. 6:29-31 '66.

ARMENIA—STRINGED INSTRUMENTS, DOWED

Ancient origins of Armenian stringed instruments. A. M. Tshitskan. Vest. obshchestv. nauk AN Arm. SSR no. 1:37-48 Ja '66.

ARMENIA—SYNTHETIC FABRICS

More articles of acetate silk. Prom. Arm. 9 no. 6:76 '66.

ARMENIA—TECHNICAL SOCIETIES

By the duty of conscience. Prom. Arm. 9 no. 6:61 '66.

ARMENIA—TECHNOLOGICAL INNOVATIONS

News from plants, factories, and construction sites. Prom. Arm. 9 no. 6:68 '66.

ARMENIA—TRANSPORTATION, AUTOMOTIVE

Increasing the efficiency of using motor trucks in mountain areas. A. Agabekov. Avi. transp. 44 no. 6:8-9 Je '66.

ARMENIAN LANGUAGE—DIALECTS

Morphology of the Burdur dialect of the Armenian language. N. A. Mkrtchian. Vest. obshchestv. nauk AN Arm. SSR no. 1:40-61 Ja '66.

ARMIES see subdivision 'Army' under Germany, West; Russia

ARMS AND ARMOR—EXHIBITIONS see subdivision under Tula

ARMS AND ARMOR, GREEK

An Attic helmet found in the Su'a Valley. IE. V. Chernenkov. Arkheologia 19:136-137 '65.

ARMS AND ARMOR, PRIMITIVE

Brusov, A.I., and M.P. Zimina. [Bored battle axes of stone in the European part of the U.S.S.R.] Kamennye sverlynye boevye topory na territorii Evropeiskoi chasti SSSR. Pod red. B.A. Rybakova. Moskva, Nauka, 1966, 97 p. illus. (Arkheologia SSSR; svod arkhologicheskikh istochnikov, no. B4-4)

AROMATIC COMPOUNDS

Formation of acylium cations from carboxylic acids in a fused mixture of aluminum chloride and sodium chloride. A.M. Komagorov, I.K. Baeva, V.P. Koptug. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:147-150 '66.

Steric hindrances in aromatic molecules and their conformations. R.L. Avoina, IU. T. Struchkov, V.G. Dapheviski. Zhur. struk. khim. 7 no. 2:289-328 Mr-Apr '66.

AROMATIZATION

Effect of alkali metals on the properties of platinum catalysts in dehydrocyclization of n-hexane. N.R. Burstein and others. Kin. i kat. 7 no. 3:558-559 My-Je '66.

ARRHYTHMIA

Role of the tension, duration, and energy of the electrical impulse in cardiac defibrillation. V.A. Makarychev. Biol. eksp. biol. i med. 61 no. 6:27-30 Je '66.

ARSENIC—ANALYSIS

Determination of arsenic impurity in indium. G.V. Filantkova. Zav. lab. 32 no. 5:529 '66.

ARSENIC—GERMANIUM—TELLURIUM ALLOYS

Glass formation in the system arsenic - germanium - tellurium. V.R. Panus, Z.U. Borisova. Zhur. prikl. khim. 39 no. 5:987-991 My '66.

ARSENIC SELENIDES

Effect of bismuth and copper on the dissolution rate of vitreous arsenic selenide. I.A. Savan, Z.U. Borisova, O.V. Il'inskaya. Vest. LGU 21 no. 10:118-124 '66.

ARSENIC SELENIDES—ELECTRIC PROPERTIES

Effect of the heat treatment and small bismuth admixtures on the electric conductivity of vitreous arsenic selenides. I.A. Savan, Z.U. Borisova. Vest. LGU 21 no. 10:153-156 '66.

ARSENIC SELENIDES—SPECTRA

Effect of gallium, indium, and thallium on the spectral distribution of the inner photoeffect of vitreous arsenic selenide. Vest. LGU 21 no. 10:125-129 '66.

ARSENIDES

Studying the electrochemical interaction of arsenides which contact each other. L.K. Laktionova, A.P. Grudov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:90-101 My-Je '66.

ART see subdivision under Leningrad

ART—BIBLIOGRAPHY see Bibliography—Art

ART—PHILOSOPHY

Akademii nauk SSSR, Institut filosofii. [Aesthetics and art; from the history of pre-Marxist aesthetic thought] Estetika i iskusstvo; iz istorii domarkskatskoi esteticheskoi mysli. Moskva, Nauka, 1966, 308 p.

ART, PRIMITIVE

The pictures of birds on the painted pottery of the Tripolye cultural type. T.H. Movsha. Arkheologia 19:100-105 '65.

ART, VIETNAMESE

Art of a heroic country. G.Shmeleva. Az. i Afr. seg. 9 no. 6:30-38 Je '66.

ART, YORUBA see subdivision under Ho, Nigeria

ARTERIES—DISEASES

Health resort treatment of obliterating endarteritis. O.I. Burdzhadze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 8:341-340 '69.

Obliterating endarteritis. G.K. Aliev, G.A. Tagiev. Azorb. med. zhur. 43 no. 4:68-77 Ap '66.

ARTERIES—SURGERY

Plastic surgery on arteries using synthetic fiber prosthesis in operations for traumatic aneurysms. M.I. Lytkin. Voen.-med. zhur. no. 6:36-38 Je '66.

ARTERIOSCLEROSIS

Effect of solar radiation on the stabilizing properties of proteins and glycoproteins of the blood serum in the development of experimental atherosclerosis. S.I.A. Guz, G.V. Kobozov. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:116-120 Mr-Apr '66.

Study of the protein and carbohydrate components of the aortic wall of dogs during the development of experimental atherosclerosis. V.B. Lyashko and others. Dokl. AN SSSR 168 no. 4:926-928 Je '66.

Use of the night's sleep at the sea in the compound health resort climatic treatment of patients with atherosclerosis on the south coast of the Crimea. M.IU. Akhmedzhanov. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:107-112 Mr-Apr '66.

ARTIFICIAL ISLANDS see subdivision under Caspian Sea

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL LIGHT GARDENING

Electric lamps for greenhouses. E. Oshev. Tekh. v sel'-khov. 28 no. 5:60-63 My '66.

ARTIFICIAL SATELLITES

[Space research] Ref. zhur.: Issl. kosm. prostr. nos. 5-6 My-Ju '66.

ARTIFICIAL SATELLITES—ELECTRONIC EQUIPMENT

Sonin, E.K. [Radio electronics of artificial satellites] Radioelektronika sputnikov. Moskva, Energiya, 1966, 71 p. (Massovaya radiobiblioteka, no. 604)

ARTIFICIAL SATELLITES—MOON

Disclosed by "Luna-9." P. Artem'ev. Radio no. 5: 6-7 My '66.

ARTIFICIAL SATELLITES—ORBITS

Aksenov, E.P. [Motion of artificial satellites in the normal gravitational field of the earth] Dvizhenie iskusstvennykh sputnikov v normal'nom pole pritiizheniya Zemli. [Moskva] Izd-vo Mosk. univ., 1965, 44 p. (Moscow, Universitet. Gosudarstvennyi astronomicheskii institut. Soobshcheniya, no. 137)

ARTIFICIAL SATELLITES—RADIO OBSERVATIONS

Changes in the delay of radio signals in the PRV receiver. B.I. Fedorov. Biol. sta. opt. nabl. isk. spul. Zem. no. 40:19-20 '64.

ARTIFICIAL SATELLITES—TRACKING

(see also subdivision under Kharkov)

Azimuthal adjustment of cameras for observations of artificial earth satellites. A.A. Logvinenko. Biol. sta. opt. nabl. isk. spul. Zem. no. 40:3-6 '64.

Multiple timing for determining corrections of altitude and azimuth of an artificial satellite. V.A. Merkushev. Biol. sta. opt. nabl. isk. spul. Zem. no. 40:32-34 '64.

Operator's desk at the station of visual observations of artificial earth satellites. E.A. Pavlyutin, IU.I. Safonov, V.A. Melneviski-Grishchenko. Biol. sta. opt. nabl. isk. spul. Zem. no. 40:18-19 '64.

Precision of visual observations of artificial earth satellites using a shutter. Z.S. Shilkina. Biol. sta. opt. nabl. isk. spul. Zem. no. 40:23-25 '64.

Reception of time signals at photographic observations of artificial earth satellites. K. Lapushka. Biol. sta. opt. nabl. isk. spul. Zem. no. 40:25-28 '64.

Results of photographic observations of artificial earth satellites. Biol. sta. opt. nabl. isk. spul. Zem. no. 40: 36-40 '64.

ARTIFICIAL SATELLITES IN GEOGRAPHY

Space photography for the geographical study of the globe. B.V. Vinogradov. Izv. Vses. geog. ob-va 98 no. 2:101-111 Mr-Apr '66.

ARTIFICIAL SATELLITES IN TELECOMMUNICATION

Koshelev, IU.D., and L.R. Lavich. [Artificial satellites and radio communication] Iskusstvennyye sputniki i radiosv'яз'. Moskva, Znanie, 1966, 47 p. (Novoe v zhizni, nauke, tekhnike. XIV Seriya: Radioelektronika i sv'яз', no. 1)

"Molnii-1" is operational. V. Cukin. Radio no. 5: 3-4 My '66.

ARYAN LANGUAGES

Porzig, Walter. [Branching in the Indo-European language area. Translated from the German] Chlenenie indoevropetskoiazykovoi oblasti. Red. i predisl. A.V. Desnitskoi. Moskva, Progress, 1964, 331 p. (Gst)

ARYLATION

Arylation of O,O-dialkylidithio phosphates. N.I. Zemlinskii, O.A. Pril, L.V. Glushkova. Zhur. ob. khim. 38 no. 8:1118-1121 Je '66.

ASBESTOS see subdivision under Yuzhno-Mayskiy Range

ASBESTOS-CEMENT PIPE see Pipe, Asbestos-cement

ASCITES

Cytochemical analysis of DNA concentration in the cells of ascitic tumors. M.L. Efimov, T.S. Kleinbok. Vop. onk. 12 no. 6:67-70 '66.

Generalization of the ascitic variation of Piles' lymphosarcoma. B.D. Drulan. Vop. onk. 12 no. 6:76-79 '66.

Implantation of ascitic tumor cells into the peritoneum. IU.A. Rovenskii. Vop. onk. 12 no. 6:70-76 '66.

ASCOCHYTA

Action of tetramethylthiuram disulfide and zinc on the biochemical processes of plants infested with Ascochyta. V. P. Nilova, E. N. Kseidzova, Khim. v sel'khoz. 4 no. 2:30-33 F '66.

ASCORBIC ACID

Comparative histochemical evaluation of the vitamin C content and distribution in the organs of healthy swine and in swine with hog cholera. N. I. Arkhipov, L. M. Pichugin. Vop. vet. virus. 2:376-384 '66.

Experimental use of dihydrostreptomycin ascorbate in pulmonary tuberculosis. E. S. Stepanian and others. Antibiotiki 11 no. 5:468-471 My '66.

Some properties of water from melted ice and its effect on the content of ascorbic acid in green onions. I. V. Tlu'kov. Lek. i syr. res. Irk. obl. no. 4:200-201 '65.

Spectrophotometric study of ascorbate complexes. Part 6: Study of the systems Zr, Hg, V (IV), Nb, Ta, Mo, W-ascorbic acid. K. P. Stollarov, I. A. Amantova. Vest. LGU 21 no. 10:133-138 '66.

Use of ascorbic acid in electrolytic plating of iron. I. A. Shafershteyn, A. P. Faltov, I. U. N. Petrov. Trudy Tadzh. sel'khoz. inst. 7:25-30 '65.

ASH (TECHNOLOGY)

Ash composition of crudes from the Strel'bichy oil field. V. O. Kravtshin, S. B. Kazakov, V. I. Povkhovich. Dop. AN URSS no. 6:810-812 '66.

ASH (TREE)

Practice in planting the red ash Fraxinus viridis by pure groups. G. P. Shestoporov, A. P. Antonova. Izv. Kuib. SKH 17:139-198 '65.

ASIA—BANKS AND BANKING, INTERNATIONAL

Behind the scenes of the Asian Bank. F. Bystron. Mezhdunar. zhizn' 13 no. 8:103-108 '66.

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i Afr. no. 5 '66.

ASIA—FOREIGN RELATIONS—GREAT BRITAIN

Bankruptcy of the policy related "to the east of Suez." O. Orestov. Mezhdunar. zhizn' 13 no. 8:31-41 '66.

ASIA—HELOMYZIDAE

New species of the family Helomyzidae (Diptera) from the Asiatic part of the Palaearctica. K. B. Gorodkov. Trudy Zool. inst. 37:240-257 '66.

ASIA—HISTORY—STUDY AND TEACHING

Teaching of the modern and contemporary history of the Asian and African countries in high schools. I. N. Kantorovich. Nar. Az i Afr. no. 3:82-85 '66.

ASIA—LANGUAGES

Discussion on problems of studying the language situation in the Asian and African countries. V. Kh. Vasil'eva. Nar. Az i Afr. no. 3:237-240 '66.

ASIA—PAINTING

The First All-Union Session on the History of Painting of the Asian Countries. N. D. Iakovenko and others. Nar. Az i Afr. no. 3:230-235 '66.

ASIA, CENTRAL—ARCHAEOLOGY

P. K. Kozlov's archaeological studies and their historiogeographical aspect. S. I. Rudenko, L. N. Gumil'ev. Izv. Vses. geog. ob-va 98 no. 3:240-246 My-Je '66.

ASIA, CENTRAL—CLIMATE

More on the desiccation of Asia. M. P. Petrov. Izv. Vses. geog. ob-va 98 no. 3:205-211 My-Je '66.

ASIA, CENTRAL—HISTORICAL GEOGRAPHY

P. K. Kozlov's archaeological studies and their historiogeographical aspect. S. I. Rudenko, L. N. Gumil'ev. Izv. Vses. geog. ob-va 98 no. 3:240-246 My-Je '66.

ASIA, CENTRAL—MINERAL WATERS

Accumulation and sedimentation of tungsten during the evaporation concentration of some alkali lakes in Central Asia. S. R. Krainov. Dokl. AN SSSR 168 no. 4: 904-907 Je '66.

ASIA, CENTRAL—TUNGSTEN

Accumulation and sedimentation of tungsten during the evaporation concentration of some alkali lakes in Central Asia. S. R. Krainov. Dokl. AN SSSR 168 no. 4: 904-907 Je '66.

ASIA, SOUTHEASTERN—ECONOMIC POLICY

Association of southeast Asia. N. Volgin. Mezhdunar. zhizn' 13 no. 6:151-152 '66.

ASIA, SOUTHEASTERN—HISTORY

Mozhelko, I. V., L. A. Sedov, and V. A. Tiurin. [With a cross and a musket] S krestom i mushketom. Moskva, Nauka, 1966. 255 p.

ASIA, SOUTHEASTERN—INTELLECTUAL LIFE

Association of southeast Asia. N. Volgin. Mezhdunar. zhizn' 13 no. 6:151-152 '66.

ASIA, SOUTHEASTERN—POLITICS

Suppliers of mercenaries. IU. Lugovskoi. Nov. vrem. 24 no. 33:14-15 Ag '66.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIAN PACIFIC COUNCIL

"Made in Washington." V. Da'nov. Nov. vrem. 24 no. 26:20-21 Je '66.

ASIAN STUDIES see subdivision under United States

ASIATIC CHOLERA see Cholera, Asiatic

ASKANIYA-NOVA PRESERVE—DEER BREEDING

Deer breeding in Askaniya-Nova. O. O. Salgans'kiy. Nauk. pratsi zooteh. fak. UASHN 15 no. 2:127-142 '61.

ASPEN see subdivision under Leningrad Province

ASPEN—DISEASES AND PESTS see subdivision under Maritime Territory

ASPHALT CONCRETE

Dense asphalt-concrete-type mixes based on bitumen emulsions. N. I. Begunkova. Avt. dor. 29 no. 2:14-16 F '66.

Role of water in the technology of asphalt concrete based on bitumen emulsions. V. D. Stavitskiy. Avt. dor. 29 no. 2:17-18 F '66.

ASPHYXIATING AND POISONOUS GASES see Gases, Asphyxiating and poisonous

ASSAM—LAND TENURE

Village communities and the problem of land ownership among the peoples of the Assam Mountains. S. A. Maretnina. Nar. Az i Afr. no. 3:51-60 '66.

ASSAM—POLITICS AND GOVERNMENT

Maretnina, S. A. [The commune among the lesser peoples of Assam] Oshchchina u malykh narodov Assama. Moskva, Nauka, 1964. 10 p. (NIC)

ASSAULT AND BATTERY

Premeditated battery. I. Samoluk. Sov. inst. 30 no. 13:17-18 Ji '66.

ASSEMBLY-LINE METHODS

Analysis of the operative efficiency of multiple-operation machinery under conditions of conveyorized continuous lines. I. A. F. Cherednichenko, I. I. Kapustin. Izv. vys. ucheb. zav. i tekhn. leg. prom. no. 2:10-19 '66.

Basic trends in the development of automatic and semi-automatic lines in the production of wooden structural parts. S. A. Il'inskiy. Der. prom. 15 no. 5:3-5 My '66.

Classification of automatic supplying units for intermediate products. M. M. Mirzagalov. Vop. vych. mat. i tekhn. no. 6:93-74 '65.

Continuous production of flumes made of prestressed reinforced concrete. V. A. Kuznetsov, V. N. Nikolov. Gidr. i mel. 18 no. 6:5-13 Je '66.

Kuznetsov, E. S., and V. A. Sorokin. [Studying the performance of assembly lines for the servicing of motor vehicles] Issledovanie raboty potochnykh lini tekhnicheskogo obsluzhivaniya avtomobilei. Moskva, Transport, 1966. 81 p.

Man at the conveyor. V. Pekelis. Sov. profsolyuz 22 no. 13:34-36 Ji '66.

Mechanization and automation of assembly operations. Mekh. i avtom. protzv. 20 no. 6:41-44 Je '66.

Petrovas, L. V., ed. [Theory of automatic machines and pneumatic and hydraulic drives] Teoriya mashin-avtomatov i pnevmo-gidropriivodov; sbornik statei, Moskva, Mashinostroyeniye, 1966. 367 p.

Remote control drive for adjusting woodworking machines and lines. M. D. Gosenput, IU. G. Dmitriev. Der. prom. 15 no. 5:9-11 My '66.

Semiautomatic line for staining panel doors. M. D. Sakharov. Der. prom. 15 no. 5:20-21 My '66.

Theory of the justification of some parameters for a feeder-proportioner of hay-straw materials for continuous feed preparation lines. V. A. Golikov. Vest. sel'khoz. nauki (Kazakh.) 9 no. 5:58-65 My '66.

ASSOCIATIONS, INSTITUTIONS, ETC.

An urgent study. A. V. Mitekevich, IU. A. Sokolov. Sov. gos. i pravo 36 no. 8:137-138 Je '66.

ASTHMA—COMPLICATIONS AND SEQUELAE

Changes in the functional state of the vegetative nervous system in bronchial asthma in children. N. A. Tiurin, D. V. Kolesov. Zhur. nevr. i psikh. 65 no. 7:1018-1018 '66.

Hypothalamic disorders in the seizure period of bronchial asthma in children. IU. D. Beliaev. Zhur. nevr. i psikh. 65 no. 7:1013-1015 '66.

ASTIGMATISM

Effect of deviation of the corrective cylinder on visual refraction and acuity. K. A. Adigzalova-Polchayeva. Trudy Azerb. nauch.-issl. inst. off. 4:69-73 '63.

Role of corneal and crystalline astigmatism in the development of anisometropia in unocular astigmatism. A. M. Gorodetskaya. Trudy Azerb. nauch.-issl. inst. off. 4:82-86 '63.

Spasm of accommodation in myopia and myopic astigmatism. K. A. Adigzalova-Polchayeva. Trudy Azerb. nauch.-issl. inst. off. 4:74-77 '63.

ASTRAKHAN—ARCHITECTURE

Architectural monuments in the city of today; city center of Astrakhan. A. Vorob'ev. Arkhit. SSSR no. 5:50-52 '66.

ASTRONAUTICS

Kazantsev, A. P. [Stages of the future] Stupeni griadushchego. 2., dop. izd. Moskva, Gos. izd-vo poit. lit-ry, 1963. 111 p. (NN)

[Space research] Ref. zhur. : Issl. kosm. prostr. nos. 5-6 My-Je '66.

ASTRONAUTICS—COMMUNICATION SYSTEMS

Systems of space communications. P. Medvedev. Av. i kosm. no. 6:85-90 Je '66.

ASTRONOMICAL PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Azimuthal adjustment of cameras for observations of artificial earth satellites. A. A. Logvinenko. Biol. sta. opt. nabl. isk. sput. Zem. no. 40:3-6 '64.

Investigation of the performance of the shutter of the NAFA-3c/25 camera and the accuracy of timing of artificial earth satellites at the Kharkov station. P. P. Pavlenko. Biol. sta. opt. nabl. isk. sput. Zem. no. 40:16-17 '64.

Reconstruction of shutters of the NAFA-3c/50 and NAFA-3c/25 at the Krasnodar station for tracking artificial earth satellites. V. N. Ivanov, I. D. Bregeda. Biol. sta. opt. nabl. isk. sput. Zem. no. 40:9-11 '64.

Semiautomatic film winding device for the NAFA-3c/25 camera. A. A. Logvinenko. Biol. sta. opt. nabl. isk. sput. Zem. no. 40:6-8 '64.

ASTRONOMICAL PHOTOMETRY see Photometry, Astronomical

ASTRONOMY

History of astronomy at the 11th International Congress on the History of Science. V. L. Chlenakal. Astron. zhur. 43 no. 3:701-702 My-Je '66.

ASTRONOMY—ABSTRACTS

[Astronomy] Ref. zhur. : Astron. no. 6 Je '66.

ASTRONOMY—OBSERVATIONS see subdivision under Byurakan (Armenia)

ASTRONOMY, SPHERICAL AND PRACTICAL

Systems of the declinations of latitude stars. G. Teleki. Astron. zhur. 43 no. 3:678-690 My-Je '66.

ASTURIAS, MIGUEL ANGEL, 1890-

People and events: Kumaraswamy Kamaraj; U Thant; Miguel Angel Asturias. Nov. vrem. 24 no. 31:4, 8, 11 Ji '66.

ATHEISM

The most important events in the life of churches and religious groups in the U.S.S.R. N. A. Teodorovich. Sob. inst. po izuch. SSSR no. 4:94-106 '65.

A promising start. N. Vastina. Bibliotekar' 43 no. 7: 37 Ji '66.

Starting with the first meeting. V. Sturis. Bibliotekar' 43 no. 6:29 Je '66.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—STUDY AND TEACHING see subdivision under Kirov Province

ATHLETIC ABILITY

Comparative indices of young athletes in training and during championships. A. B. Arantian, A. A. Lalalan. Teor. i prak. fiz. kul't. 29 no. 8:44-46 Je '66.

ATLANTIC OCEAN—ATMOSPHERIC PRESSURE

Seasonal movements of the Iceland (North Atlantic) Depression. R. V. Abramov. Izv. AN SSSR. Fiz. atm. i okana 2 no. 5:553-555 My '66.

ATLANTIC OCEAN—CYCLONES

Correlation of synoptic processes in the northern parts of the Atlantic and Pacific Oceans. A. I. Sorokina. Trudy GGO no. 198:53-58 '66.

ATLANTIC OCEAN—FISHES

Distribution of the sea ichthyofauna off the coast of the Republic of Guinea. D. V. Radakov. Vop. ikht. 6 no. 2: 198-207 '68.

ATLANTIC OCEAN—OCEAN TEMPERATURE

Convective heat transfer in the northern part of the Atlantic and Pacific Oceans. G. N. Mileiko. Trudy TSIP no. 156:47-53 '66.

Method of calculating the water temperature in the northern regions of the Atlantic and Pacific Oceans in the cold part of the year. G. N. Mileiko. Trudy TSIP no. 156:66-75 '66.

ATLANTIC OCEAN—OCEAN WAVES

Method of calculating the wave fields in the northern part of the Atlantic Ocean. Z. K. Abuzarov. Trudy TSIP no. 156:3-30 '66.

ATMOSPHERE

Development of thermal and cumulus clouds in a stratified atmosphere. A. D. Anisimov. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 5:440-463 My '66.

Disturbance of the baric field as a geophysical index. B. I. Sazonov. Trudy GGO no. 198:107-115 '66.

Manifestation of the correlations of atmospheric processes in the characteristics of jet streams and planetary frontal zones of extra-tropical latitudes. E. V. Vorobeyeva, V. I. Vorobeyev. Trudy GGO no. 198:43-52 '66.

Position of the tropopause in the jet streams of the temperate latitudes. V. R. Kubeatsov, I. S. Minina. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 5:464-473 My '66.

Possibility of determining the mean monthly intensity of zonal circulation from terrestrial data. D. G. Mandel'. Trudy GGO no. 198:116-122 '66.

Possible role of cosmic ray particles in the solar-tropospheric relations. B. I. Sazonov. Trudy GGO no. 198:89-106 '66.

Relation between atmospheric processes and solar activity. E. V. Vorobeyeva. Trudy GGO no. 198:30-42 '66.

Relation of the dynamics of the ionosphere to the dynamics of the atmosphere on the whole according to materials of the Ural-Siberian, North Caucasus, and Central Asian stations during the IGY. V. N. Kosenikh, E. S. Kazhimirovskii, U. A. Novikova. Ion. Issl. no. 14:141-145 '65.

Some problems involving diffusion of a passive admixture from a point source in a two-layer atmosphere. S. Karymsakov. Vop. vych. mal. i tekh. no. 8:14-22 '65.

ATMOSPHERE, UPPER

Akademiya nauk SSSR. Kol'skii filial. Kirovsk. Polarnyi geofizicheskiy institut. [High-latitude studies in the field of geomagnetism and aeronomy] Vysokoshirotnye issledovaniya v oblasti geomagnetizma i aeronomii. Moskva, Nauka, 1966. 110 p.

Research on the physics of the upper atmosphere; conference in Aptilly, N. N. Shuflov. Vest. AN SSSR 36 no. 6:83-84 Je '66.

ATMOSPHERIC ELECTRICITY

Ion counting ponds. G. F. Pavlushenkov. Trudy GGO no. 188:43-50 '66.

Method of estimating the density of a corona current from natural points. A. Kh. Filippov. Trudy GGO no. 180:59-67 '66.

Once more on the relation between the potential gradient and thunderstorms. I. A. M. Shvarts, S. I. Andreeva. Trudy GGO no. 188:51-54 '66.

ATMOSPHERIC PRESSURE

(see also subdivisions under Atlantic Ocean; Southern Hemisphere)

Use of periodogram analysis in studying the variations of atmospheric pressure and temperature. S. V. Pavel'ev. Trudy GGO no. 198:123-140 '66.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Methodology of the study of the barofunction of the autrum of HgHmure. I. G. Shitikov. Voen.-med. zhur. no. 12: 57-59 D '65.

ATMOSPHERIC PRESSURE—TABLES, ETC.

[Mean monthly aerological data on isobaric surfaces] Sred. mes. aerol. dan. na izob. poverkh. O-D '64; Ap-S '65.

ATMOSPHERIC TEMPERATURE

(see also subdivisions under Kazakhstan; Northern Hemisphere; Oka Valley; Oster Valley; Siberia; Western)

Effect of temperature differences on the wind field in the boundary layer. A. S. Zaitsev. Trudy GGO no. 107: 139-146 '66.

Forecasting the anomaly of the mean monthly temperature of the air 10 days ahead of time. K. A. Vasilukov, N. I. Zverev, D. A. Ped'. Trudy TSIP no. 147:3-9 '66.

Height of the level of the minimal air temperature above the ground. N. I. Novozhilov. Trudy GGO no. 190:121-129 '66.

Mean minimal air temperature in various locations of the European part of the U.S.S.R. L. G. Semenova. Trudy GGO no. 190:97-100 '66.

Method of forecasting the anomaly of mean monthly temperature of the air with an account of temperature of the northern hemisphere. M. A. Dubitsky, D. A. Ped'. Trudy TSIP no. 147:66-137 '66.

Some characteristics of the three-dimensional macro-structure of the air temperature. V. P. Boltenkov. Trudy GGO no. 191:47-57 '66.

Statistical method of forecasting seasonal air temperature anomalies. D. A. Ped'. Trudy TSIP no. 153:60-78 '66.

Study of historical variations in the anomaly of air temperature for the purpose of forecasting it. D. A. Drozdovskiy. Trudy TSIP no. 147:10-26 '66.

Three-dimensional objective analysis of the air temperature field. V. P. Boltenkov. Trudy GGO no. 191:58-71 '66.

Use of periodogram analysis in studying the variations of atmospheric pressure and temperature. S. V. Pavel'ev. Trudy GGO no. 198:123-140 '66.

ATMOSPHERIC TRANSPARENCY

Zuev, V. E. [Transparency of the atmosphere to visible and infrared rays] Prozharnost' atmosfery dlya vidnykh i infrakrasnykh luchey. Moskva, Sovetskoye radio, 1966. 317 p.

ATMOSPHERIC TRANSPARENCY—SPECTRA

Apparatus for studying the spectral transparency of the atmosphere with high resolution. I. U. S. Georgievskii. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 5:494-500 My '66.

ATMOSPHERIC TURBULENCE

Formulas for determining the coefficient of turbulence from flux structure data. E. K. Blatner. Trudy GGO no. 187:207-216 '66.

Results of a comparison of the characteristics of a steady turbulence in the jet streams computed by various methods. M. A. German, V. P. Takanova. Trudy GGO no. 187:221-231 '66.

Use of aerological data for determining the humpness of airplanes in the free atmosphere. D. L. Lalkhtman, I. U. Zh. Al'ter-Zalk. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 5:534-536 My '66.

Use of the turbulence energy balance equation in the problem of air mass transformation. E. D. Nadezhina. Trudy GGO no. 187:69-76 '66.

ATMOSPHERICS (RADIO METEOROLOGY)

Control generator for checking the work of a sferics receiver. B. K. In'kov. Trudy GGO no. 188:31-37 '66.

Intensifying unit of the sferics receiver. B. K. In'kov. Trudy GGO no. 188:38-44 '66.

Studying the distribution of threshold atmospherics and their relation to the percentage of time occupied. S. E. Ogurtsev. Trudy GGO no. 188:24-28 '66.

ATOMIC BOMB

Groves, Leslie R. [Now it can be told. Translated from the English] Teper' ob etom mozno rasskazat'. Moskva, Atomizdat, 1964. 299 p. (MU)

ATOMIC ENERGY

Arlamkin, V. N., and B. A. Ushakov. [Unusual transformations of atomic energy] Neobyknovennye prevrascheniya atomnoy energii. Izd. 2., dop. Moskva, Atomizdat, 1966. 100 p.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER INDUSTRY

Effect of certain cycle parameters on the efficiency of an atomic gas-turbine plant. E. F. Ratnikov, M. V. Shustov. Atom. energ. 20 no. 5:412-415 My '66.

ATOMIC POWER INDUSTRY—ECONOMIC ASPECTS

Some aspects of economic stimulation in nuclear power engineering. V. V. Batov, I. I. Koriakin. Atom. energ. 20 no. 5:379-384 My '66.

ATOMIC POWER PLANTS

Present state of nuclear power engineering in advanced capitalistic nations. Energ. i elek. no. 1:53 Ja-F '66.

ATOMIC SPECTRA

Recent research on nuclear spectroscopy; all-Union conference. V. A. Parfenova, A. A. Sorokin. Vest. AN SSSR 36 no. 6:80-82 Je '66.

ATOMIC SUBMARINES

Savichev, G. [There are Magellans in Russia; notes on the circumnavigatory voyages of Soviet atomic submarines] Zhivut magelany v Rossii; zametki o krugosvetnom plavanii sovetskikh atomnykh podvodnykh todok. Moskva, Izd-vo gazety "Krasnaya zvezda," 1966. 31 p. (Bibliotekha "Krasnaya zvezda," no. 11(191))

ATOMIC WARFARE—SAFETY MEASURES

Methodology for the evaluation of the radiation situation by the chief of the medical service of a unit. O. S. Lobastov, I. K. Kirillov. Voen.-med. zhur. no. 6:12-17 Je '66.

ATOMIC WEAPONS

Appeal to the Protestant churches in France. Zhur. Mosk. Patr. no. 4:32 '66.

ATOMIC WEAPONS—INTERNATIONAL CONTROL

Nuclear weapons and the security of the peoples. V. S. Emel'yanov. Nov. vrem. 24 no. 29:4-6 Ji '66.

Resolution of the Working Committee of the Christian Peace Conference on the non dissemination of nuclear weapons (Prague, March 25, 1966). Zhur. Mosk. Patr. no. 4:31-32 '66.

ATOMIC WEAPONS—TESTING

There should be a second step. V. Emel'yanov. Nov. vrem. 24 no. 33:5-6 Ag '66.

ATOMIC WEAPONS AND DISARMAMENT

Memorandum of the World Federation of Trade Unions to the Chairman of the 18-State Committee on Disarmament. Voen. profilizh. no. 3:32-34 My '66. The ways of solving the atomic problem. M. Maratov. Mezhdunar. zhizn' 13 no. 8:11-20 '66.

ATOMS

Latvijas Padomju Sociālistiskā Republikas Zinatnu akadēmija. [Effective cross sections of the collisions of electrons with atoms] Efektīvie seceņi elektronu ar atomu stolknovent elektronu ar atomu. Rīga, Zinatne. Vol. 3. [Atomiy collisions] Atomnye stolknoventia. 1965. 170 p.

ATROPHIC RHINITIS OF SWINE see Rhinitis in swine

ATROPHY, MUSCULAR—CLASSIFICATION

Nosological position of amyotrophica spinalis progressiva. N. V. Kononova, L. M. Popova. Zhur. nevr. i psikh. 66 no. 5:641-651 '66.

ATYASHEVO DISTRICT—ACCOUNTING

The government auditing office must have at its disposal the reports of the entire district. N. Stukalov. Vest. stat. no. 6:76 '66.

AUCE (LATVIA)—TRACTORS—MAINTENANCE AND REPAIR

Combined section for the locating and correcting of defects at a repair workshop. F. Dalbe. Tekh. v sel'khoz. 26 no. 5:82-83 My '66.

AUCHENORHYNCHA see subdivisions under Caucasus; Moldavia

AUDIO-VISUAL EDUCATION

The use of audio-visible aids in studying the subject "Leningrad" in Russian language classes for Mongolian students during the second semester of the first year of their studies. I. S. Zhuravskii. Russ. iaz. dlia stud. - inostr. no. 1:60-91 '65.

AUDIO-VISUAL LIBRARY SERVICE

Using the technical means of information in the library work with the masses. I. V. Kernes. Bibliot. SSSR no. 30:123-133 '63.

AUDIOMETRY

Audiometric examination of deaf-mute schoolchildren. V. M. Sokolov. Uch. zap. Bur. gos. ped. inst. no. 24: 101-111 '61.

AUDITING AND INSPECTION

(see also subdivisions under Kaluga Province; Rostov Province)

Lanin, A. I., and I. S. Kotlarov. [Patrols of the people] Dozornyye naroda. [Kemerovo] Kemerovskoye knizhnoe izd-vo, 1965. 34 p. (CS-H)

Our suggestion. G. Bro. Fin. SSSR 40 no. 6:70-71 Je '66.

[The peoples' inspectors on the march] Narodnye kontroly v pokhode. V'itnia, Minitis, 1965. 167 p. (CS-H)

Production analysis is before everything. A. Zusman. Sots. trud 11 no. 6:62-67 Je '66.

Strengthening socialist legality in the operations of state inspectors. I. A. Zdir. Uch. zap. VNISZ no. 5: 173-177 '65.

[Thousands of helpers] Tysyachi pomoshchnikov. [Chelabinsk] Izd-vo Ural'skoye knizhnoe izd-vo, 1965. 150 p. (CS-H)

AUESKY'S DISEASE see Pseudorabies

AURANTIN—PHYSIOLOGICAL EFFECT

Mechanism of increasing the activity of lipolytic enzymes following the introduction of lipids into tissues. F. L. Leltes, B. B. Futs. Biol. eksp. biol. i med. 61 no. 5:46-51 My '66.

AUSTRALIA—DESCRIPTION AND TRAVEL

Granin, D. A. [A month head over heels] Mesiaty vverkh nogami. [Leningrad] Lenizdat, 1966. 132 p.

AUSTRALIA—DISCOVERY AND EXPLORATION

Svet, I. A. M. [History of the discovery and exploration of Australia and Oceania] Istoriya otkrytiya i issledovaniya Avstralii i Okeanii. Moskva, Mysl', 1966. 390 p. (Otkrytie Zemli)

AUSTRALIA—FREIGHTERS

Cargo carrier for the shipping of goods in containers and petroleum products. P. Kudriashov. Rech. transp. 22 no. 8:68 Ag '64.

AUSTRIA—DESCRIPTION AND TRAVEL

A hospitable country with decorations. IU. Arbat. Teatr 25 no. 10:127-129, 134 O '64.

An old country and a new nation. I. Konstantinovskii. Nov. vrem. 24 no. 28:29-32 Ji '66.

A rock that beetles over the road. II'ia Konstantinovskii. Nov. vrem. 24 no. 33:25-27 Ag '66.

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref. zhur.: Avtom., telemekh. i vych. tekhn. no. 6 Je '66. Predmetnyi ukazatel' za 1965 g.

AUTOMATIC CONTROL—CONGRESSES

Scientific and technical seminar on "Automatic and remote control in the electric power supply systems of industrial enterprises." A. A. Tutin. Prom. energ. 21 no. 5:51-53 My '66.

Third Congress of the International Federation of Automatic Control. Avtom. i telemekh. no. 5:206-216 '66.

AUTOMATIC CONTROL—GRAPHIC METHODS

Static design of the ladle tilting program. Avtom. upr. prots. sliva ogn. shlakova iz kov. na met. zav. no. 6:17-24 '63.

AUTOMATIC PILOT (AIRPLANES)

Rachkovskiy, N. G. [Fundamentals of the theory of automatic air navigation] Osnovy teorii avtomatizirovannogo samoletovozhdeniya. Moskva, Mashinostroyeniye, 1966. 120 p.

AUTOMATION

Automated complex of machinery for poultry farms. A. Mikhaychuk, A. Tsyumblov, V. Tsefina. Tekhn. v sel. khoz. 26 no. 5:54-57 My '66.

Automatic control of the charge-feed system of phosphorus furnaces. A. N. Burkan, M. A. Samoilovich. Mekh. i avtom. protz. 20 no. 6:3-4 Je '66.

Automating a water tower. I. Berson. Tekhn. v sel. khoz. 25 no. 3:80 Mr '66.

Automation and radical reorganization of pipe rolling mills. V. I. Asadchik and others. Trudy MMI no. 61 pt. 1:53-66 '65.

[Automation of ore-dressing plants] Avtomatizatsiya obogatel'nykh fabrik. [By] B. D. Kosbarskiy i dr. Moskva, Nedra, 1966. 411 p.

Automation of the polishing of stainless steel sheets. L. A. Lifshits, R. I. Murkov. Mekh. i avtom. protz. 20 no. 6:1-2 Je '66.

Classification of automatic supplying units for intermediate products. M. M. Mironov. Vop. vych. mat. i tekhn. no. 6:63-74 '65.

Determining dynamic characteristics of objects for automatic control. A. G. Akhmedov. Za tekhn. prog. 4 no. 11:9-9 N '64.

Evaluating the reliability of the new methods of coal mining. M. I. Veshkov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:23-28 '63.

Introducing means of mechanization and automation in retail trade. I. A. Ivanov. Mekh. i avtom. protz. 20 no. 6:44-46 Je '66.

Urov, G. V., and A. I. Fel'dman. [Automation of the counting of containers and manufactured items in enterprises of the beer and nonalcoholic beverage industry] Avtomatizatsiya ucheta tary i gotovoy produktii na predpriyatiyakh pivno-bezalkogol'noi promyshlennosti. Moskva, TsINTPIshcheprom. 1965. 27 p.

Scientific and technical conference on the intensification and automation of production processes in pipe mills of the Ukraine. P. G. Shenjar. Met. i gor. rud. prom. no. 3:89-91 My-Je '66.

Static variability problem for a noncondensate-type gas field. E. S. Sultanov, F. D. Guseinov. Za tekhn. prog. 4 no. 11:16-20 N '64.

Strunge, B. N., and others. [Automated high-capacity type D100 diesel gas generators] Avtomatizirovannyye dizel'nyye generatory bol'shoi moshchnosti tipa D100. Moskva, Mashinostroyeniye, 1966. 289 p.

Studies in the algorithmization of production processes. V. V. Ivanov. Avtomatika 10 [1, 2, 11] no. 3:84-88 '66.

Tumm, I. D. [Mechanization and automation in marine transportation] Mekhanizatsiya i avtomatizatsiya na morskoy transporte. Moskva, Transport, 1966. 61 p.

What type of automation engineers we need today. I. I. Petrov, D. G. Men'shov. Vest. vys. shkoly 24 no. 5: 46-50 My '66.

AUTOMATION—ECONOMIC ASPECTS

Capital yield and the economic efficiency of automation. V. Andreev. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:46-52 '66.

AUTOMOBILE INDUSTRY

(see also subdivision under Minsk)

Prospects for the development of the automobile industry in the new five-year period. S. Matveev. Pien.khoz. 43 no. 7: 20-30 Ji '66.

AUTOMOBILE INDUSTRY—EQUIPMENT AND SUPPLIES

see subdivision under Gorkiy; Moscow

AUTOMOBILE INDUSTRY—PRODUCTION STANDARDS

see subdivision under Moscow

AUTOMOBILE INDUSTRY WORKERS

see subdivision under Minsk

AUTOMOBILES—BATTERIES

Moscow. Nauchno-issledovatel'skiy institut avtomobil'noy transporta. [Storage batteries; their operation, technical maintenance and repair] Akkumulyatornye batarey; ekspluatatsiya, tekhnicheskoye obsluzhivaniye i remont. Moskva, Transport, 1966. 238 p.

AUTOMOBILES—BODIES

Using the method of brittle coatings in investigating automobile bodies. V. S. Mozghinskiy, S. M. Kudryavtsev. Avi.prom. 32 no. 6:33-34 Je '66.

AUTOMOBILES—DESIGN AND CONSTRUCTION

Against casual decisions in design. I. U. Dolmatovskiy. Avi.transp. 44 no. 6:45-46 Je '66.

Consider the requirements of our time. G. List. Avi. transp. 44 no. 6:46 Je '66.

AUTOMOBILES—ECONOMIC ASPECTS

Economic efficiency of changes in the design of the "Ural" automobiles. A. V. Filushkin and others. Avi.prom. 32 no. 6:32-33 Je '66.

AUTOMOBILES—TIRES

Investigating the effect of the alignment angle of front wheels of the "Volga" automobile on the wear of tires. A. I. A. Tarasov. Avi.prom. 32 no. 6:19-21 Je '66.

AUTOMOBILES—TRANSMISSION DEVICES, AUTOMATIC

Increasing the shifting smoothness of hydromechanical transmissions. O. D. Makarevskiy, V. A. Kondratiev. Avi.prom. 32 no. 6:34-36 Je '66.

AUTOMOBILES—VIBRATION

Degrees of vibration of automobiles with various makes of tires. I. A. M. Pevzner, A. E. Pletnev, A. A. Tikhonov. Avi.prom. 32 no. 6:15-19 Je '66.

AUTOMOBILES—WINDOWS AND WINDSHIELDS

Experience in the use of diamond cutters for the grinding of automobile glass edges. V. A. Fedotov, D. N. Shepelev, N. U. Shchukina. Stekloker. 23 no. 8:11-14 Je '66.

AUTOMOBILES, FOREIGN—MAINTENANCE AND REPAIR

Moscow. Nauchno-issledovatel'skiy institut avtomobil'noy transporta. [Maintenance and repair of imported motor vehicles; a provisional handbook] Tekhnicheskoye obsluzhivaniye i remont importnykh avtomobiley; vremennoye rukovodstvo. Moskva, Transport, 1966. 118 p.

AUTOMOTIVE TRANSPORTATION

see Transportation, Automotive

AUTONOMIC NERVOUS SYSTEM

see Nervous system, Autonomic

AUTORADIOGRAPHY

Authoradiographic study of deoxyribonucleic acid synthesis in compensatory hypertrophy of the kidneys. M. R. Antipova, Arkh. anat., gist. i embr. 50 no. 5:34-37 My '66.

Authoradiographic study of proliferative processes in the histogenesis of the liver in rats. N. D. Gracheva, Arkh. anat., gist. i embr. 50 no. 5:38-46 My '66.

Authoradiographic study of protein metabolism in areolar tissue cells. N. G. Khreshchova, Arkh. anat., gist. i embr. 50 no. 5:14-21 My '66.

Differential sensitivity of the phases of the mitotic cycle to the action of temperature in two types of cell populations in one-day-old rats. G. S. Lebedeva, A. A. Zavarzin. Arkh. anat., gist. i embr. 50 no. 5:21-28 My '66.

Effect of temperature on the mitotic cycle of nephron cells. A. V. Diment. Arkh. anat., gist. i embr. 50 no. 5:29-33 My '66.

AVACHA, SOPKA—WEATHERING

Chemistry of the recent weathering processes of the elastic sediments of volcanic origin of the Avacha Sopka. I. A. Sokolov, Z. S. Kravva. Izv. AN SSSR. Ser. geol. 31 no. 6:84-88 Je '66.

AVANCHES

see subdivision under Tien Shan

AVIATION MEDICINE

Control X-ray examination of the maxillary sinuses in candidates for flying schools. I. A. Golubchik. Voen.-med. zhur. no. 5:58-59 My '66.

Organization of the medical service at a seaplane port. L. T. Shakhlev. Voen.-med. zhur. no. 5:17-19 Je '66.

Perception of the visual indicator in experimental illusion of a bank. V. A. Ponomarev, N. D. Zavalova. Voen.-med. zhur. no. 12:55-58 D '65.

Portable electrically rotating chair. S. S. Markarian, I. A. Sidelnikov. Voen.-med. zhur. no. 5:78-79 My '66.

Results of the study of some individually psychological characteristics of the flying personnel during the work of a mobile aviation-medicine board. I. A. Z. Altshuler, V. S. Sidko. Voen.-med. zhur. no. 6:66-67 Je '66.

Significance of emotions in the professional activity of the pilot. P. V. Butanov, F. P. Kosmolinskiy. Voen.-med. zhur. no. 6:63-65 Je '66.

Significance of roentgenography of the accessory sinuses of the nose in persons of the flying profession. A. R. Mansurov, I. G. Kravnykh, S. I. Sozhnov. Voen.-med. zhur. no. 6:68-69 Je '66.

AXES

Brusov, A. I., and M. P. Zilina. [Bored battle axes of stone in the European part of the U.S.S.R.] Kamennyye sverlenyye boevyye topory na territorii Evropeyskoy chasti SSSR. Pod red. B. A. Rybakova. Moskva, Nauka, 1966. 97 p. Illus. (Archeologia SSSR; svod arheologicheskikh istochnikov, no. 54-4)

AYA, LAKE

Lakes Aya, Manzerok and Ten'ga in the Gornyy Altai. N. G. Seleznev. Izv. Alt. otd. Geog. ob-va SSSR no. 2: 54-73 '63.

AYDAR VALLEY—HEDYSARUM

Hedysarum acralmum B. Kachm. as an endemic plant of the Aydar River basin. S. V. Golitsyn, V. I. Danilov. Biol. Ob-va estestvoispyt. 13:38-51 '64.

AZEPENONE

Thermo-oxidizing degradation of grafted copolymers of styrene with ϵ -caprolactam. V. V. Rode and others. Dokl. AN SSSR 168 no. 4:825-827 Je '66.

Utilization of caprolactam by algae as a source of nitrogen and CO₂. H. M. Palamar-Mordvintseva. Ukr. bot. zhur. 23 no. 3:72-78 '66.

AZERBAIJAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

For an effective verification of the execution of assignments. V. Akhundov. Part. zhizn' no. 15:11-17 Ag '66.

AZERBAIJAN—CONJUNCTIVITIS, GRANULAR

Characteristics of the recording and accounting at the stage of trachoma eradication. V. A. Grigorian. Trudy Azerb. nauch.-issl. inst. oft. 4:17-20 '63.

Eradication of trachoma in the Azerbaijan S.S.R. N. M. Efendiev, L. S. Slutskiy, V. A. Grigorian. Trudy Azerb. nauch.-issl. inst. oft. 4:3-5 '63.

AZERBAIJAN—CRIME PREVENTION

Forms and methods of preventing murder. A. A. Kerimov. Uch. zap. AGU. Ser. iurid. nauk no. 2:71-82 '64.

AZERBAIJAN—DEER

Deer of the Azerbaijan S.S.R. F. F. Aliev. Trudy Inst. zool. AN Azerb. SSR 25:173-202 '65.

AZERBAIJAN—DOMESTIC RELATIONS

Laws on marriage and family of the Azerbaijan S.S.R., 1920-1926. K. I. Manaev. Uch. zap. AGU. Ser. iurid. nauk no. 2:17-33 '64.

AZERBAIJAN—ECONOMIC POLICY

Toward the 47th anniversary of the Great October Revolution. Za tekhn. prog. 4 no. 11:1-2 N '64.

AZERBAIJAN—EYE—WOUNDS AND INJURIES

Agricultural traumatism according to materials of the Ophthalmological Institute for 5 years (1955-1959); clinical and statistical analysis. Sh. I. Ismail-zade, T. S. Krauz, M. A. Akperova. Trudy Azerb. nauch.-issl. inst. oft. 4:61-66 '63.

AZERBAIJAN—FIELD MICE

Ecologic characteristics of wood mouse (Apodemus sylvaticus L.) on the southern slopes of the Greater Caucasus within the boundaries of Azerbaijan. Kh. M. Alekperov, S. N. Erofeeva. Trudy Inst. zool. AN Azerb. SSR 25:111-123 '65.

AZERBAIJAN—FOXES

Burrowing biotypes of foxes in Azerbaijan and their population density. I. U. Kh. Gidolatov. Trudy Inst. zool. AN Azerb. SSR 25:165-174 '65.

AZERBAIJAN—GALLINAE

Materials on the biology of gallinaceans in the north-eastern part of Azerbaijan. A. I. Khanamedov. Trudy Inst. zool. AN Azerb. SSR 25:98-110 '65.

AZERBAIJAN—GAS, NATURAL—GEOLOGY

Prospects for finding oil and gas in Lower Cretaceous sediments of Azerbaijan. N. T. Akhverdiev, O. M. Akhmedov. Azerb. neft. khoz. 45 no. 5:1-3 My '66.

AZERBAIJAN—GEOLOGY

[Study of the geology of the U.S.S.R. (Geologicheskaya izucheniya) SSSR, Baku, Izd-vo Akad. nauk Azerbaidzhan-skoj SSR.

Vol. 42. [Azerbaijan S.S.R. Period 1951-1955] Azerbaidzhanetskaya SSR, Period 1951-1955. No. 1. [Published literature] Opublikovannaya literatura, 1956, 253 p.

AZERBAIJAN—GLAUCOMA

Active dispensary service rendered by organized groups of the population in the control of glaucoma. M. D. Kasimova, S. I. Lukomnik, L. A. Petrosian. Trudy Azerb. nauch.-issl. inst. oft. 4:20-36 '63.

AZERBAIJAN—INDUSTRIAL MANAGEMENT

Noninstalled equipment is a highly important potentiality for improving the use of basic funds. T. A. Guseinov. Za tekhn. prog. 4 no. 11:42-44 N '64.

AZERBAIJAN—MARRIAGE LAW

Laws on marriages and family of the Azerbaijan S.S.R., 1920-1926. K. I. Manaev. Uch. zap. AGU. Ser. iurid. nauk no. 2:17-33 '64.

AZERBAIJAN—MUNICIPAL SERVICES

Competition and unsolved problems. N. Polozhenko. Zhil.-kom. khoz. 14 no. 5:7 My '64.

AZERBAIJAN—MURDER

Forms and methods of preventing murder. A. A. Kerimov. Uch. zap. AGU. Ser. iurid. nauk. no. 2:71-82 '64.

AZERBAIJAN—MYOPIA—PREVENTION

Myopia in some schools of the Azerbaijan S.S.R. and the hygienic basis for its prevention. N. A. Kaziev. Trudy Azerb. nauch.-issl. inst. oft. 4:95-100 '63.

AZERBAIJAN—NOTARIES

Struggle against attempts of unlawful abuses of notarial office. Z. A. Iskenderov. Uch. zap. AGU. Ser. iurid. nauk. no. 2:117-122 '64.

AZERBAIJAN—OIL FIELDS

Party groups in an oil field. R. Sachlian. Part. zhizn' no. 14:30-31 JI '66.

AZERBAIJAN—PALEOBOTANY, STRATIGRAPHIC

Kasimova, G. M. [Flora of the Oligocene deposits of the northeastern foothills of the Lesser Caucasus (Azerbaijan) and its stratigraphic significance] Flora oligotsenovykh otlozhenii severo-vostochnykh predgorii Malogo Kavkaza (Azerbaidzhan) i ee stratigraficheskoe znachenie. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 58 p. plates.

AZERBAIJAN—PETROCHEMICAL INDUSTRY

Mamedov, P. U. [Problems of specialization, cooperation and combination in the petrochemical and petroleum refining industries of Azerbaijan] Voprosy spetsializatsii, kooperirovaniia i kombinirovaniia v neftekhimicheskoi i neftepererabatyvushchei promyshlennosti Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 133 p.

AZERBAIJAN—PETROLEUM GEOLOGY

Prospects for finding oil and gas in Lower Cretaceous sediments of Azerbaijan. N. T. Akhmediev, O. M. Akhmedov. Azerb. neft. khoz. 45 no. 5:1-3 My '66.

AZERBAIJAN—PETROLEUM INDUSTRY

Azerbaijan in the last year of the seven-year plan. T. Abramian and others. Neftianik 10 no. 7:2-6 JI '66. Effect of the change in sea level on oil fields, petroleum refineries, and other enterprises of the petroleum industry located on the Caspian coast. N. M. Litvishkov, G. A. Ter-Akopov. Azerb. neft. khoz. 45 no. 5:46-48 My '66.

AZERBAIJAN—PETROLEUM REFINING

Mamedov, P. U. [Problems of specialization, cooperation and combination in the petrochemical and petroleum refining industries of Azerbaijan] Voprosy spetsializatsii, kooperirovaniia i kombinirovaniia v neftekhimicheskoi i neftepererabatyvushchei promyshlennosti Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 133 p.

AZERBAIJAN—RESEARCH, INDUSTRIAL

In the State Committee of the Council of Ministers of the Azerbaijan S.S.R. on the Coordination of Research Work. Za tekhn. prog. 4 no. 11:47-48 N '64.

AZERBAIJAN—THRUSHES

Study of nests and nesting material of thrushes in Azerbaijan. R. G. Mustafayeva. Trudy Inst. zool. AN Azerb. SSR 25:124-132 '65.

AZERBAIJAN—TRADE UNIONS

Everything for man. K. Dadashov. Sov. profsoyuz 22 no. 10:4-5 My '66.

AZERBAIJAN—UNDERWATER PIPELINES

Certain problems in the construction of underwater pipelines. B. M. Mamedov, I. P. Kuliev. Azerb. neft. khoz. 45 no. 5:42-44 My '66.

AZERBAIJAN—WILD BOAR

Morphological characteristics and taxonomic position of wild boar in Azerbaijan. M. A. Safarov. Trudy Inst. zool. AN Azerb. SSR 25:3-68 '65.

AZO COMPOUNDS

Complexes of azo compounds with metal halides. Part. 1. L. A. Kazitsyna and others. Zhur. org. khim. 2 no. 4: 565-571 Ap '66.

New transformation of azo compounds. E. P. Fokin, V. I. A. Denisov, I. G. Sivakova. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:143-146 '66.

Picramin azo compounds as metallochrome indicators for bismuth. S. I. Gusev, L. M. Shchurova, Z. A. Bitov. Zhur. anal. khim. 21 no. 5:566-573 '66.

AZO COMPOUNDS—SPECTRA

Complexes of azo compounds with metal halides. Part. 2. L. A. Kazitsyna and others. Zhur. org. khim. 2 no. 4:571-578 Ap '66.

AZOTOBACTER see subdivision under Gorno-Altai Autonomous Province

AZOV, SEA OF—ICE

Calculation and forecast of ice phenomena in some parts of the Sea of Azov and the Black Sea. I. A. A. Titnev. Trudy TSIP no. 150:99-104 '66.

AZOV LOWLAND—WATER, UNDERGROUND—COMPOSITION

Chemical composition of underground waters in the Azov Lowland in connection with oil and gas potentials. S. V. Selivanova. Trudy VNIGRI no. 237:231-248 '64.

AZOV SEA REGION—CASSITERITE

New find of accessory cassiterite in granites of the region of the Sea of Azov. V. Kuts, A. O. Mashkina. Geol. zhur. 26 no. 3:85-86 '66.

AZOV SEA REGION—GALLIUM

Characteristics of the gallium content in granites in the region of the Sea of Azov. V. P. Kuts. Dop. AN URSSR no. 6:788-791 '66.

AZOV SEA REGION—GRANITE

Accessory zircon of Pre-Cambrian granitoids of the source region of the Sea of Azov. E. I. A. Marchenko. Dokl. AN SSSR 168 no. 3:882-884 Je '66.

AZOV SEA REGION—GRANITE—ANALYSIS

Characteristics of the gallium content in granites in the region of the Sea of Azov. V. P. Kuts. Dop. AN URSSR no. 6:788-791 '66.

AZOV SEA REGION—MINERALOGY

Mineralogy and genesis of ferruginous quartzites in the western and central part of the region of the Sea of Azov. H. L. Kravchenko, T. H. Khmaruk. Geol. zhur. 26 no. 2:18-32 '66.

AZOV SEA REGION—QUARTZITE

Mineralogy and genesis of ferruginous quartzites in the western and central part of the region of the Sea of Azov. H. L. Kravchenko, T. H. Khmaruk. Geol. zhur. 26 no. 2:18-32 '66.

AZOV SEA REGION—ROCKS, CRYSTALLINE AND METAMORPHIC

New data on crystalline rocks containing tin in the region of the Sea of Azov. V. P. Kuts. Dop. AN URSSR no. 5:632-634 '66.

AZOV SEA REGION—TIN ORES

New data on crystalline rocks containing tin in the region of the Sea of Azov. V. P. Kuts. Dop. AN URSSR no. 5:632-634 '66.

AZOV SEA REGION—WORLD WAR, 1939-1945—NAVAL OPERATIONS

Sverdlov, A. V. [On the Sea of Azov]. Na more Azovskom. Moskva, Voenizdat, 1966. 222 p.

AZOV SEA REGION—ZIRCON

Accessory zircon of Pre-Cambrian granitoids of the source region of the Sea of Azov. E. I. A. Marchenko. Dokl. AN SSSR 168 no. 4:882-884 Je '66.

BCC

Results of the experimental study of a phthalazide-resistant strain of BCG. L. I. Nakhimov, A. M. Rozenberg. Zhur. mikrobiol., epid. i immun. 43 no. 5: 73-78 My '66.

BACTERIA, EFFECT OF DRUGS ON see Micro-organisms, Effect of drugs on

BACTERIA, SPOREFORMING—CULTURES AND CULTURE MEDIA

Effect of sporeforming plating material on the subsequent development of *Bacillus brevis* var. G7. G. G. Zharikov, G. I. A. Makarova. Antidotiki 9 no. 10:832-835 O '64.

BACTERICIDES

Action of hexachlorocyclopentadiene and polychlorobutanes on the pure culture of some soil micro-organisms. G. P. Denisikina and others. Khim. v sel', khoz. 4 no. 2: 28-30 P '66.

BACTERIOPHAGE

Changes in ataphylococci during artificial lysogenization and de-lysogenization. E. M. Padertina. Zhur. mikrobiol., epid. i immun. 43 no. 5:125-129 My '66.

Effect of algae *Chlorella vulgaris* and *Scenedesmus obliquus* on the virulence of bacteriophage. S. P. Suvorova, M. M. Teitshenko. Biol. eksp. biol. i med. 61 no. 6:71-74 Je '66.

BAIDAKOVA, ELENA MIKHAILOVNA, 1909-1965

In memory of E. M. Baidakova. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:189-190 Mr-Ap '66.

BAIKAL, LAKE—ALGAE

Professor K. I. Meier's studies in the field of the vegetation and algae of Lake Baikal. A. P. Skabichevskii. Biol. MOIP. Otd. biol. 71 no. 2:17-27 Mr-Ap '66.

BAIKAL, LAKE—FRESHWATER FLORA

Professor K. I. Meier's studies in the field of the vegetation and algae of Lake Baikal. A. P. Skabichevskii. Biol. MOIP. Otd. biol. 71 no. 2:17-27 Mr-Ap '66.

BAIKAL LAKE REGION—ALKALI METALS

Distribution of alkali elements and boron in the rocks of the Bural Massif. O. D. Stavrov, A. M. Portnov. Geokhimiia no. 4:466-468 Ap '66.

BAIKAL LAKE REGION—BORON

Distribution of alkali elements and boron in the rocks of the Bural Massif. O. D. Stavrov, A. M. Portnov. Geokhimiia no. 4:466-468 Ap '66.

BAIKAL LAKE REGION—INDUSTRIES

Efforts of the Soviets in the Baikal Lake region to develop local industry in 1918. V. V. Baturayev. Trudy BKNII no. 10:49-56 '62.

BAKERIES—ACCOUNTING

Improve the methods and forms of accounting. Petrov. Khleb. i kond. prom. 10 no. 5:30-31 I. F. '66.

BAKERIES—CLASSIFICATION

Classification of baking industry enterprises. Kuz'mina. Khleb. i kond. prom. 10 no. 5:27-30 My '66.

BAKERIES—EQUIPMENT AND SUPPLIES

Automatic unit for the preparation of liquid scaldings. L. A. Kravchenko. Khleb. i kond. prom. 10 no. 5:33-35 My '66.

Defects of the KATD dough divider. P. A. Novitskii. Khleb. i kond. prom. 10 no. 5:12-14 My '66.

Geishlor, V. S. [Productivity losses of automatic machines in the baking industry and methods of their determination] Poteri proizvoditel'nosti mashin avtomatov v khlebopekarnoi promyshlennosti i metody ikh opredeleniia. Moskva, TsINTPlakheprom, 1965. 13 p.

Overhead notcher for long loaves. I. E. Averkina. Khleb. i kond. prom. 10 no. 5:38 My '66.

Redesigned ATsKh oven. V. N. Prudov, I. A. Chubik. Khleb. i kond. prom. 10 no. 5:39-40 My '66.

Unit for dough preparation without fermentation prior to dividing. N. F. Gatilov, A. S. Grishin. Khleb. i kond. prom. 10 no. 5:8-9 My '66.

BAKERIES—RESEARCH

Conform the scientific research work to the requirements of modern tasks. V. A. Patt. Khleb. i kond. prom. 10 no. 5:4-7 My '66.

BAKERIES—TECHNOLOGICAL INNOVATIONS

Introduction of new equipment and techniques. A. P. Shurygin. Khleb. i kond. prom. 10 no. 5:32-33 My '66.

BAKU—SUBWAYS—DESIGN AND CONSTRUCTION

We are increasing labor productivity. I. U. S. Petrosian. Transp. stroit. 10 no. 6:33 Je '66.

BALAKHANY-SABUNCHI-ROMANY OIL FIELD—PETROLEUM—ANALYSIS

Characteristics of the change in physicochemical properties of petroleum in the lower division of the producing formation of the Kosmanour area in the Balakhany-Sabunchi-Romany field. B. M. Listengarten and others. Azerb. neft. khoz. 45 no. 5:11-12 My '66.

BALAKHANY-SABUNCHI-ROMANY OIL FIELD—PETROLEUM PRODUCTION

Spacing between wells drilled in combination drive reservoirs in a late development stage. A. I. Abdullayev. Azerb. neft. khoz. 45 no. 5:27-30 My '66.

BALANCING OF MACHINERY

Balancing four-bar linkages. L. S. Shelno. Vest. mashinost. 46 no. 6:36-33 Je '66.

Improving the balancing of the clutch of the D-50 diesel engine. E. M. Zhiarnov. Prom. Bel. 9 no. 4:58-59 Ap '66.

BALANTIDIUM

Pathologicomatomical and histological changes in the stomach, the intestines and the parenchymal organs in balantidial dysentery of swine and their importance in its diagnosis. V. I. Plakhs. Trudy TVI 9:97-101 '65.

BALKARS

Alekseeva, E. P. [Karachays and Balkars, ancient people of the Caucasus] Karachayevy i balkar(ay), drevni narod Kavkaza. Cherkessk, Karachayev-Cherkesskoe knizhnoe izd-vo, 1963. 92 p. (MI)

BALKHASH, LAKE—CARP

Natural reproduction of *Cyprinus carpio* L. in Lake Balkhash as a factor determining its abundance and resources. S. N. Ivanov. Vop. ikht. 6 no. 2:218-263 '66.

BALKHASH, LAKE—ICE

Calculation and forecast of the development of ice cover on Lake Balkhash. M. M. Beilinson. Trudy TSIP no. 151:46-54 '65.

BALLET

Kartashova, N. N. [Invitation to the dance; diary of a ballet master] Priglasenie k tantsu; zapiski baletmeistera. [Cholobinsk] Izdno-Ural'skoe knizhnoe izd-vo, 1965. 82 p. (NIC)

Pasternakova, Mariia. [Ukrainian women in choreography] Ukrainianka zhinka v khoreografi. 2. dop. vyd. Winnipeg, Nakladom Soluzu ukrainok Kanady, 1964. 238 p. (COU)

- BALLET—DICTIONARIES**
Surits, E. Ia., comp. [Everything about the ballet; a dictionary manual] Vse o baletе; slovar'-spravochnik. Pod red. I. I. Slonimskogo. Moskva, Muzyka, 1966, 453 p.
- BALLET DANCING** see subdivision under Moscow
- BALTIC REGION—ECONOMIC GEOGRAPHY**
Akademii nauk SSSR. Institut geografii. [The Soviet Baltic Region; problems of economic geography] Sovetskaya Pribalтика; problemy ekonomicheskoi geografii. Moskva, Nauka, 1966, 275 p.
- BALTIC REGION—WORLD WAR, 1939-1945**
[The shores of the Baltic remember...; reminiscences of the veterans who participated in the liberation of the republics in the Soviet Baltic Sea region] Berega Baltiki pominat...; vospominaniia uchastnikov boev za osvobodivshiesya respublik Sovetskoi Pribalтики. Moskva, Poizhizdat, 1966, 262 p.
- BALTIC SEA—ICE**
Cyclicity of variations in the amount of ice in the Baltic Sea over a period of many years. N. A. Khaminov. Trudy GGO no. 198:141-153 '66.
- BALTIC SHIELD—GEOLOGY, STRUCTURAL**
Relation of the seismicity of the Baltic Shield and Norwegian caledonides to recent tectonics. N. I. Nikolaev. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:20-36 My-Je '66.
- BALTIC STATES—ECONOMIC CONDITIONS**
The Soviet Baltic in bloom; for the 20th anniversary of the liberation of Lithuania, Latvia, and Estonia. N. Krylov. Agitator no. 10:14-16 Ag '64.
- BALTIC STATES—WORLD WAR, 1939-1945**
The Soviet Baltic in bloom; for the 20th anniversary of the liberation of Lithuania, Latvia, and Estonia. N. Krylov. Agitator no. 10:14-16 Ag '64.
- BANACH SPACES**
Cauchy problem for second-order differential equations in Banach space. S. Ia. Iakobov. Dokl. AN SSSR 166 no. 4:759-762 Je '66.
- BAND SAWS**
Effect of the low flattening of teeth on the precision of sawing logs with band saws. S. P. Pochukov. Izv. vyz. ucheb. zav.; les, zhur. 9 no. 2:118-121 '66.
- BANDAGES AND BANDAGING**
Immobilization of maxillofacial lesions by the method of elastic bandaging. V. A. Pankov, N. A. Plotnikov, F. S. Tikhonov. Voen.-med. zhur. no. 12:71-72 D '65.
- BANDS (MUSIC)**
Our brass band. M. Rapoport. Nar. obr. no. 6:28 Je '66.
- BANKS AND BANKING**
(see also subdivision under Soviet)
The bank and increasing the efficiency of capital investments. A. Voznikov, V. Nezhnev, A. Perberg. Fin. SSSR 40 no. 6:21-28 Je '66.
Brief information on foreign exchange and banks abroad. Den. kred. 24 no. 6:83-85 Je '66.
The economic reform in operation. Den. kred. 24 no. 6:39-38 Je '66.
In the Board of Directors of the State Bank of the U.S.S.R. Den. kred. 24 no. 6:93-94 Je '66.
Readers' letters. Den. kred. 24 no. 6:64-68 Je '66.
- BANKS AND BANKING—ACCOUNTING** see subdivision under Bashkiria; Tajikistan
- BANKS AND BANKING—AUDITING AND INSPECTION** see subdivision under Moscow
- BANKS AND BANKING—CONGRESSES**
Conference of managers of the republic offices of the State Bank. Den. kred. 24 no. 6:90-93 Je '66.
- BANKS AND BANKING, INTERNATIONAL** see subdivision under Asia
- BAPTIDANOV, LEV NIKOLAEVICH, 1905-1966**
L. N. Baptidanov; obituary. G. S. Dorchunov and others. Izv. vyz. ucheb. zav.; energ. 9 no. 8:128 Je '66.
- BARANSKII, NIKOLAI NIKOLAEVICH, 1891-1963**
In memory of N. N. Baranskii. K. O. Otobayev, B. Sh. Chornomov. Izv. Kh. fil. Geog. ob-va SSSR no. 5:7-10 '65.
- BARBITURIC ACID**
Use of barbital in anesthesia of sheep and cattle. E. V. Mal'tsev, I. D. Cherkashin, N. V. Golubikh. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:58-63 '65.
- BARENTS SEA—CATFISHES**
Technological characterization of catfish of the Barents Sea. R. A. Minder. Ryb. khoz. 42 no. 5:50-51 '66.
- BARENTS SEA—CODFISH**
Characteristics of the migration of Barents Sea cod in 1964. V. P. Ponomarenko. Ryb. khoz. 42 no. 5:9-11 '66.
- BARENTS SEA—OCEAN TEMPERATURE**
Forecasting the distribution of the water temperature on the vertical, based on the example of the Barents Sea. M. G. Glagoleva, L. I. Skriptunova. Trudy TSIP no. 156:83-88 '66.
- BARGES**
Vessels with propeller-motor units. G. Soldatova. Rech. transp. 22 no. 8:59 Ag '64.
- BARGES—MAINTENANCE AND REPAIR**
Analyzing the causes of barge deformation. A. Lukovitskii. Rech. transp. 23 no. 4:20-21 Ap '64.
- BARGUZIN PRESERVE—BIRDS—MIGRATION**
Local migrations of some winter birds of the northeastern shore area of Lake Baikal. K. P. Pilonov. Uch. zap. Bur. gos. ped. inst. no. 24:69-77 '61.
- BARGUZIN VALLEY—BIRDS—DISEASES AND PESTS**
Coecidia of some bird species of the Barguzin Valley. N. M. Pronin. Uch. zap. Bur. gos. ped. inst. no. 24:51-55 '61.
- BARGUZIN VALLEY—FRESHWATER FLORA**
Lake vegetation of the Barguzin Valley as food for water fowl. O. S. Ignatova. Uch. zap. Bur. gos. ped. inst. no. 24:11-16 '61.
- BARLEY** see subdivision under Kazakhstan
- BARLEY—DISEASES AND PESTS** see subdivision under Kuybyshev Province
- BAROMETRIC HYPSONETRY**
Method for a considerable improvement of barometric leveling. A. S. Podolskii, E. I. Mikhailina. Trudy Tadzh. sel'khoz. inst. 7:119-131 '65.
- BARS (ENGINEERING)—ELASTIC PROPERTIES**
Determining the Poisson's ratio in uniaxial textures. I. P. Talashkevich, K. S. Aleksandrov. Fiz. met. i metalloved. 18 no. 1:142-145 Ji '64.
- BARS (ENGINEERING)—TESTING**
Investigating the carrying capacity of eccentrically compressed bars having H-shaped sections and made of D 16-T aluminum alloy. S. A. Bagdasarian. Izv. AN Arm. SSR. Ser. tekhn. nauk 19 no. 2:40-49 '60.
- BASAL METABOLISM**
Function of the thyroid gland and basal metabolism in various forms and some complications of diabetes mellitus. V. G. Amatunian, V. M. Arutunian, N. N. Sakanian. Zhur. eksper. i klin. med. 6 no. 2:90-98 '66.
- State of basal metabolism in submariners and divers. A. S. Solodkov. Voen.-med. zhur. no. 5:60 My '66.
- BASHKIR PRESERVE—FOREST INSECTS**
Trunk pests in forests of the Bashkir Preserve. E. G. Mozolevskaya. Sbor. rab. MLTI no. 11:67-78 '64.
- BASHKIRIA—ARCHAEOLOGY**
Akademii nauk SSSR. Bashkirskii filial. Ufa. Institut istorii,azyka i literatury. [Archaeology and ethnography of Bashkiria] Arkheologiya i etnografiya Bashkiri. Pod red. R. G. Kuzeva i K. V. Sal'nikova. Ufa, Bashkirskoe knizhnoe izd-vo. Vol. 2. 1964. 281 p.
- BASHKIRIA—BANKS AND BANKING—ACCOUNTING**
Centralization of accounting. N. Semik. Den. kred. 24 no. 6:81-82 Je '66.
- BASHKIRIA—BORING**
Efficiency of deep prospecting drilling in the platform part of Bashkiria. V. V. Mukhin, B. V. Kuz'min. Trudy VNIGRI no. 237:297-302 '64.
- BASHKIRIA—BUILDING**
[Integrate method should be used by all builders] Kompleksnyi metod - vsem stroitel'm. Ufa, Bashkirskoe knizhnoe izd-vo, 1964. 94 p.
- BASHKIRIA—EDUCATION**
In the schools of Bashkiria. F. Mustafina. Nar. obr. no. 6:10-22 Je '66.
- BASHKIRIA—ETHNOLOGY**
Akademii nauk SSSR. Bashkirskii filial. Ufa. Institut istorii,azyka i literatury. [Archaeology and ethnography of Bashkiria] Arkheologiya i etnografiya Bashkiri. Pod red. R. G. Kuzeva i K. V. Sal'nikova. Ufa, Bashkirskoe knizhnoe izd-vo. Vol. 2. 1964. 281 p.
- BASHKIRIA—OIL FIELD FLOODING**
Kravchenko, I. I., and N. G. Imanaev. [Combating the flooding of wells] Bor'ba s obvodneniem skvazhin. Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 63 p.
- BASHKIRIA—OIL WELL DRILLING**
Economic efficiency of the rotary percussion drilling in Bashkiria. E. I. Tagiev and others. Ekon. nefteob. prom. no. 2:22-25 '66.
- BASHKIRIA—PETROCHEMICAL INDUSTRY—SCHEDULING**
Network schedules in repair work. A. Arslanov, B. Rubashkin. Sots. trud 11 no. 6:82-84 Je '66.
- BASHKIRIA—PETROLEUM GEOLOGY**
Efficiency of deep prospecting drilling in the platform part of Bashkiria. V. V. Mukhin, B. V. Kuz'min. Trudy VNIGRI no. 237:297-302 '64.
- BASHKIRIA—PETROLEUM REFINING—SCHEDULING**
Network schedules in repair work. A. Arslanov, B. Rubashkin. Sots. trud 11 no. 6:82-84 Je '66.
- BASICITY**
Isosazole series. Part 20: Basicity of isosazole and 2-isosazole derivatives. S. D. Sokolov, L. A. Kazitayna, L. K. Guseva. Zhur. org. khim. 2 no. 4:731-738 Ap '66.
- BASKETBALL**
Modeling basketball tactics. F. R. Iakhtov. Teor. i prak. fiz. kul't. 20 no. 6:39-40 Je '66.
- BATHS, MEDICATED**
(see also subdivision under Otkyabr'skiy, Bashkiria)
Effect of balneological and mud procedures on the motor function of the gallbladder in patients with chronic cholecystitis; based on cholecystographic data. L. P. Kozakovskii. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:104-107 Mr-Ap '66.
- BATHS, SEA**
Effect of bathing in a pool with seawater on the cardiovascular system of patients with neurasthenia. S. V. Bachkurinskii and others. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:124-128 Mr-Ap '66.
Reactions of patients with pneumosclerosis to sea baths according to oscillographic data. I. L. Afonskaya. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:128-132 Mr-Ap '66.
- BATS**
Kurskov, A. N. [Living radars] Zhivye radary. Minsk, Nauka i tekhnika, 1966. 91 p.
- BAUER, BRUNO, 1809-1882**
Engels, Friedrich. [The holy family or, Critique of critical critique against Bruno Bauer and company. Translated from the German] Svyato semeistvo, abu krytyka krytychnoi krytyky proty Bruno Bauera i kompanii. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1958. 228 p. (CoU)
- BAUNT DISTRICT—FLEAS**
A rare flea species in the Buryat A.S.S.R. A. G. Stupina. Uch. zap. Bur. gos. ped. inst. no. 24:63 '61.
- BAUXITE** see subdivision under Kazakhstan
- BAYERITE**
Microscopic examination of bayerite. A. A. Chistiakova, V. D. Tatarskii. Zhur. prikl. khim. 39 no. 5:1018-1024 My '66.
- BEAMS AND GIRDERS**
Using strain measurements for determining supporting moments of a statically undeterminable beam. M. U. Mairanov. Trudy Tadzh. sel'khoz. inst. 7:95-101 '65.
- BEAMS AND GIRDERS—OSCILLATIONS**
Natural flexural-torsional oscillations of a free beam of variable mass and rigidity with concentrated loads. Part 2. K. I. A. Kukhta. Dop. AN URSR no. 6:737-740 '66.
- BEARING INDUSTRY—MANAGEMENT** see subdivision under Minsk
- BEARINGS (MACHINERY)**
Approximate analytical solution of the differential equation of the hydrodynamic theory of the lubrication of a thrust bearing. A. Ia. Al'pina. Energomashinstroenie 12 no. 5:27-31 My '66.
Carrying capacity and stability of a four-chamber hydrostatic bearing. I. D. Lampol'skii, E. V. Piruev. Energomashinstroenie 12 no. 6:13-15 Je '66.
Study of the stressed state of the connecting rod bearing of the 6DN19/30 diesel engine. N. Sh. Faingol'd. Energomashinstroenie 11 no. 12:18-20 D '65.
- BEARS** see subdivision under Khmar-Daban Range
- BEE CULTURE**
Russia (1923- U.S.S.R.) Ministerstvo sel'skogo khozaistva. [Research work of beekeepers for 1962-1963] Opytnaia rabota pchelovodov za 1962-1963 gg. [Moskva] Mosk. rabochii, 1964. 183 p. illus., tables. (CU)
- BEE FLIES** see subdivision under Voronezh Province

BEEF CATTLE

Methods of increasing the beef yields of cattle. P.G. Zabev. Trudy Mosk. vet. akad. 14:71-99 '56.

BEEF CATTLE—FEEDING AND FEEDS

Fattening cattle with distillers' grains obtained in the production of alcohol with the use of sodium pentachlorophenolate. S.V. Babinov and others. Nauk. pratsi zootekh. fak. UASHN 15 no. 2:32-98 '61.

Some characteristics of the growth and development of young Altai, Estonian Black and White, and Red Steppe cattle. D.K. Karybaev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6:43-48 Je '66.

Use of corn silage enriched with urea in feeding young cattle. E.A. Doronin. Sbor. nauch. rab. stud. Ser. zootekh.-vet. inst. 3:78-81 '65.

BEER

Shmidt, L.G. [Effect of carbon dioxide and air on beer quality and methods for their determination] Vlianiye uglerodnogo gaza i vozdukh na kachestvo piva i metody ikh opredeleniya. Moskva, TSentr. i in-t nauchno-tekhn. informatsii pishchevol. promyshl., 1966. 51 p.

BEES

Pollination of entomophilous plants by bees. S.G. Bogoyavlenskii. Okhr. prir. TSentr.-Chern. pol. no. 3: 200-212 '64.

BEESWAX

Comb foundation. Where to get it? M. Orlov. Zakup. sel'khoz. prod. no. 5:46-47 My '66.

BEETLES

Morphology of the abdomen of some beetle pupae (Coleoptera). L.V. Puchkova. Ent. obozr. 45 no. 2: 341-353 '66.

BELAYA VALLEY (VORONEZH PROVINCE)—PASTURES AND MEADOWS

Meadow complexes of the Belaya Valley and their significance. N.S. Kaniychev. Okhr. prir. TSentr.-Chern. pol. no. 3:248-252 '64.

BELELIUBSKII, NIKOLAI APOLLONOVICH, 1845-1922

Scientist and bridge builder. Put' i put. khoz. 10 no. 6: 34-35 '66.

BELENNITES see subdivision under Russian Platform

BELETSKII, VIACHESLAV KONSTANTINOVICH, 1896-

Viacheslav Konstantinovich Beletskii, on his 70th birthday. E.I. Tarakanov. Arkh. anat., glst. i embr. 50 no. 3:135-138 Mr '66.

BELGIUM—PUBLIC OPINION

Belgium and NATO. Jean-Marie Chauvet. Nov. vrem. 24 no. 28:19 Ji '66.

BELGOROD PROVINCE—STOCK AND STOCKBREEDING

When a decision is based on sufficient economic grounds. P. Lemesko. Part. zhizn' no. 14:25-27 Ji '66.

BELLADONNA—THERAPEUTIC USE

Treatment of parkinsonism with Bulgarian preparations INKHA-17 and bellazon. L.G. Stollarova. Zhur. nevr. i psikh. 86 no. 5:698-703 '66.

BELLOWS (MECHANICAL ENGINEERING)

Calculating bellows with circular corrugations. V.N. Bulgakov, A.I. Haskolinov, A.R. Iaroshenko. Vest. mashinost. 46 no. 5:35-37 My '66.

BELOOZERO REGION (TULA PROVINCE)—FOLK SONGS

The "Tales and songs of the Belozero region" collected by the Sokolov brothers. E.I. Korotin. Trudy Inst. etn. 91:132-195 '65.

BELOZERKA REGION (UKRAINE)—ORE DEPOSITS

Intersecting ore veins in the Belozerkia iron-ore region. M.V. Mitkolev. Geol. zhur. 26 no. 3:87-88 '66.

BELTS AND BELTING

Determining stresses in transmission arms in case of static application of the moment. V.A. Svetitskii, R.Z. Tumashov. Izv. vys. ucheb. zav. mashinost. no. 4: 14-18 '66.

BEL'TSY (MOLDAVIA)—TABULATING MACHINES

Starting remote control device. P. Urchuk, L. Kharbur, F. Kats. Sbor. inform. mat. Glav. upr. vych. rab. no. 3: 58-59 '65.

BENDING see Flexure

BENDING MACHINES

Automatic machine for bending plastic springs. N.S. Skilarov. Energ. i elek. no. 1:52 Ja-F '66.

BENTONITE

Absorption of the Newcastle disease virus by bentonite. N.A. Ulupov, E.M. Khripunov. Vop. vet. virus. 2:38-41 '66.

Bloating of modified bentonites. V.D. Gorodnov, I.B. Adel'. Trudy MINKHGP no. 57:185-188 '66.

BENZANTHRACENE—PHYSIOLOGICAL EFFECT

Formation of a model of an experimental skin tumor in dogs. K.D. Eristavi, G.E. Georgadze, L.K. Shara-shidze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 8:19-28 '59.

BENZENE

Absorption of benzene vapors on hydrogen-containing and decarboxylated forms of zeolites. G.V. Tshishvili and others. Dokl. AN SSSR 168 no. 4:860-863 Je '66.

Condensation of chlorobenzene and o-chlorotoluene with allyl alcohol. N.I. Shukin, N.A. Pozdnyak, T.P. Dobrynia. Izv. AN SSSR. Ser. khim. no. 6:1100-1102 '66.

Photochemical oxidation of benzene in the vapor phase at room temperature. G.L. Grigorian, A.A. Man-tashian, A.B. Nalbandian. Arm. khim. zhur. 19 no. 2: 140-149 '66.

Reactions of tetracyclohexylidene and hexacyclohexylidene with benzene. I.U. Kaplan, L.F. Kudryavtsev, G.G. Petukhov. Zhur. ob. khim. 36 no. 6:1061-1063 Je '66.

Vapor-phase catalytic oxidation of dural. B.V. Suvorov and others. Vest. AN Kazakh. SSR 22 no. 6:65-68 Je '66.

BENZENE DERIVATIVES

Condensation of benzene with allyl alcohol and allyl chloride. N.I. Shukin and others. Neftekhimika 6 no. 2:199-202 Mr-Ap '66.

Cyclization of alkenylbenzenes to alkyltetralins under the effect of magnesium chloride. G.I. Nikitin, V.D. Vorob'ev. Neftekhimika 6 no. 2:186-192 Mr-Ap '66.

Effect of a medium on the relative rates of isomerization of individual dichlorobenzenes. V.A. Koptug, I.S. Isayev. Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1: 146-147 '66.

BENZENE DERIVATIVES—ELECTRIC PROPERTIES

Temperature investigations of the electric conductivity and photoconductivity of monohalo-substituted benzenes. R.G. Romanets. Zhur. fiz. khim. 40 no. 5: 1102-1105 My '66.

BENZENE DERIVATIVES—SPECTRA

Alkylated aromatic amines. Part 7: Effect of methyl groups at nitrogen and also in ortho and para-positions of benzene ring on the ultraviolet spectra and ionization constants. N.I. Kudryashova, N.V. Khromov-Borisev. Zhur. org. khim. 2 no. 4:578-583 Ap '66.

BENZOFURAN-CARBOXYLIC ACID

Synthesis of 11-hydroxybenzoic acid. A.A. Shamshurin, L.L. Simonova. Zhur. VKHO 11 no. 3:352 '66.

BENZOIC ACID

β -(p-Alkylmercaptobenzoyl) propionic and o-(p'-alkyl-mercaptobenzoyl) benzoic acids. E.A. Shukova, E. Menkelt. Zhur. org. khim. 2 no. 4:710-713 Ap '66.

Synthesis of o-benzylbenzoic acid and o-nitrophenyl-benzene from phenylbenzenecarboxylic acid. L.I. Zakharin, V.N. Kalinin, A.I. L'vov. Izv. AN SSSR. Ser. khim. no. 6:1091-1093 '66.

Unusual polarographic behavior of some substituted benzenes; cinnamic alcohol, methyl benzoate. V.G. Malra-novskii, G.I. Samokhvalov. Elektrokhimia 2 no. 6: 717-718 Je '66.

BENZOPHENONE

Derivatives of anthraquinone. Part 8: Nitration of 2,5-dimethylbenzophenone and synthesis of amino-anthraquinonecarboxylic acids. N.S. Dokunikhina, E.I. Mostoslavskaya. Zhur. org. khim. 2 no. 4:713-717 Ap '66.

BENZOTHAZOLE

Mercaptobenzothiazole as a reagent for the photometric determination of tellurium. E.I. Ramanaukas, V.F. Tutkuvens. Zhur. VKHO 11 no. 3:355-356 '66.

BENZOYL PEROXIDE

Kinetics of the reaction of benzoyl peroxide with benzyl-amine in benzene solutions. N.M. Belorian, F.O. Karapetian, O.A. Chalykian. Arm. khim. zhur. 19 no. 2:128-134 '66.

Rate of decomposition of benzoyl peroxide in the presence of triethanolamine in mixed solvents. B.M. Sogomonian, N.M. Belorian, O.A. Chalykian. Arm. khim. zhur. 19 no. 2:123-127 '66.

BENZOYLATION

Mechanism of acylation in the presence of small amounts of $FeCl_3$ (benzoylation of nerolin). I.N. Zenzina, I.P. Tskurvanik. Zhur. org. khim. 2 no. 4:607-701 Ap '66.

BENZYLAMINE

Kinetics of the reaction of benzoyl peroxide with benzyl-amine in benzene solutions. N.M. Belorian, F.O. Karapetian, O.A. Chalykian. Arm. khim. zhur. 19 no. 2:128-134 '66.

BERING SEA—FISHES, DEER SEA

Amount of free amino acids in the meat of some deep-sea fishes of the Bering Sea. E.A. Nasedkina, L.S. Meshcheriakova. Izv. vys. ucheb. zav. pishch. tokh. no. 3:63-64 '66.

BERLIN, BATTLE OF, 1945

Neustroyev, S.A. [Path to the Reichstag] Put' k Reikhtagu. 2., dop. i perer. izd. Voronezh, TSentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 103 p. (CS-II)

BERLIN CONFERENCE, 1964

The Potsdam Conference of the Leaders of the Three Great Powers (to be continued). Mezhdunar. zhizn' 13 no. 6:155-160 '66.

The Potsdam Conference of the Leaders of the Three Great Powers (to be continued). Mezhdunar. zhizn' 13 no. 7:149-157 '66.

The Potsdam Conference of leaders of the three great powers (to be continued). Mezhdunar. zhizn' 13 no. 8: 154-160 '66.

BERLIN WALL (1961-)

August 13, 1961. Nov. vrem. 24 no. 33:4 Ag '66.

BERTRANDITE—ANALYSIS

Content of germanium in bertrandite. A.S. Nazarova. Geokhimiya no. 10:1060-1070 O '64.

BERYLLIUM—METALLOGRAPHY

Studying condensation films of beryllium. L.S. Palatnik, A.I. Fedorenko. Fiz. met. i metalloved. 18 no. 1:69-72 Ji '64.

BERYLLIUM CHLORIDES

Enthalpy of dissolution of beryllium di- and monochlorides in fused alkali metal chlorides. M.V. Smirnov, A.P. Khamanov. Trudy Inst. elektrokhim. UFAN SSSR no. 7: 3-8 '65.

BERZIN, REINGOLD IOSIFOVICH, 1866-1930

R.I. Berzin, a revolutionary, army commander, and journalist. O.A. Blumentfeld. Vop. ist. 41 no. 7: 205-207 Ji '66.

BESSEL'S FUNCTIONS—TABLES, ETC.

Akademiya nauk SSSR. Vychislitel'nyi tsentr. [Tables of incomplete cylindrical functions] Tablitsy nepolnykh tsilindricheskikh funktsii. [Iy] M.M. Agrest i dr. Moskva, 1966. 320 p. (Matematicheskio tablitsy)

BESSEMER PROCESS

Regularities of gas formation in the oxygen-blown converter process and the possibility of making use of them for the control of smelting. Report No. 1. A.M. Blyuev and others. Izv. vys. ucheb. zav. chern. met. 9 no. 6:43-66 '66.

BETA RAYS

Calculating the efficiency of radiochemical apparatus with a plane beta-radiation source. R.V. Dzhaqatapanian, U.G. Lashin. Atom. energ. 20 no. 6:485-489 Je '66.

Study of energy and angular distribution of shielded β -radiation. M.A. Malevich, D.M. Shukkenberg. Med. rad. 11 no. 6:86-89 Je '66.

BETA RAYS—DECAY

Chemical effects of the beta decay of carbon-14 in benzene. G.A. Skorobogatov, V.D. Nefedov. Zhur. ob. khim. 36 no. 6:995-1003 Je '66.

BETA RAYS—PHYSIOLOGICAL EFFECT

Effect of beta rays and preliminary administration of urethane on changes in the skin produced by beta radiation. E.N. Karnaukhova, V.S. Turusov. Arkh. anat., glst. i embr. 50 no. 3:95-97 Mr '66.

BETA RAYS—THERAPEUTIC USE

Determination of β -activity of preparations using cylindrical counters. P.N. Iagovoi, N.N. Alimov. Med. rad. 11 no. 6:84-86 My '66.

BEVEL GEARING see Gearing, Bevel

BEVERAGES—EQUIPMENT AND SUPPLIES

Rudolf, V.V. [Planned maintenance repair of the technological equipment for nonalcoholic beverage plants] Planovo-predupreditel'nyi remont tekhnologicheskogo oborudovaniia zavodov bezalkogol'nykh napitkov. Moskva, Pishcheval. promyshlennost', 1966. 139 p.

BHABHA, HOMI JEHANGIR, d. 1906

Homi Jehangir Bhabha. Usp. fiz. nauk 60 no. 1:173-174 My '66.

BIBLIOGRAPHICAL EXHIBITIONS

Brief news of bibliography. Kniga; issl. i mat. 11:200-201 '66.

BIBLIOGRAPHICAL SERVICES

(see also subdivision under Ukraine)
Facing the new problems. G.P. Ponomov. Sov. bibl. no. 2:3-15 '66.
Necessity of improving current information about foreign subject bibliographies. E.V. Bonin. NTI no. 5:9 '66.

BIBLIOGRAPHY

[Book chronicle] Knizh. let. nos. 25-28 '60. Dopointel'nyi vypusk nos. 4-5 '66.

Books and bibliography. N.M. Sikorskii. Kniga; issl. i mat. 11:6-10 '66.

BIBLIOGRAPHY (Continued)

[Chronicle of the publications of the White Russian S.S.R.] Let. druku BSSR nos. 10-11 O-N '65; no. 2 F '66.

Index of bibliographical literature published in 1961-1964. Kniga; issl. i mat. 11:295-334 '65.

[Information about library work and bibliography abroad; materials] Inform. o bibliot. dele i bibl. za rub. Ja-Je '65, publ. '66.

Moscow, Universitet. Biblioteka. Metodicheskiy kabinet. [Combined plan of the bibliographical work of the libraries of institutions of higher learning for the years 1959-1965, and information on its progress] Svodnyy plan bibliograficheskikh rabot vuzovskikh bibliotek na 1959-1965 gg. i svedeniya o khode ego vypolneniya. Moskva, 1963. 98 p.

[New books of the U.S.S.R.] Nov. knigi SSSR nos. 26-27 Je-Jl '66.

[New literature on science and research abroad] Nov. lit. o nauke i nauch. issl. rab. za rub. nos. 4-5 '66.

[New Soviet literature on science and general research in the U.S.S.R.] Nov. sov. lit. o nauke i nauch. issl. rab. v SSSR no. 5 '66.

BIBLIOGRAPHY—ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R.

Akademitsy nauk BSSR, Minsk. Fundamental'naya biblioteka. [A bibliography of the transactions published by the personnel of the departments of the Academy of Sciences of the White Russian S.S.R., 1961-1963] Bibliografiya trudov sotrudnikov uchrezhdeniy Akademii nauk BSSR, 1961-1963 g.g. Minsk, 1965. 469 p.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i Afr. no. 5 '66.

BIBLIOGRAPHY—AGRICULTURE

[Agricultural literature of the U.S.S.R.] Sel'khoz. lit. SSSR no. 5 '66.

For the high and stable yields of agricultural products. M. Iakovleva. Bibliotekar' 43 no. 7:11-17 Jl '66.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 10 no. 6 Je '66.

We recommend to study these books. A. Safot'ev. Bibliotekar' 43 no. 7:53-55 Jl '66.

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkhool. i etn. no. 5 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkhool. i etn. no. 5 '66.

BIBLIOGRAPHY—ART

[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit. i isk. nar. SSSR i zarub. stran no. 3 '66.

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i Afr. no. 5 '66.

BIBLIOGRAPHY—ATHEISM

[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. lit. po vop. ateiz. i rel. no. 5 '66.

BIBLIOGRAPHY—BEST BOOKS

[Bibliography of recommended books and the guidance of reading. O.S. Chubart'yan. Sov. bibl. no. 2:21-34 '66.

[Bibliography of recommended books under present-day conditions. I.P. Kondakov. Sov. bibl. no. 2:16-20 '66.

Discussing the problems of the bibliography of recommended books. N.N. Solov'eva. Sov. bibl. no. 2:35-41 '66.

A faithful companion of schoolchildren. M. Kist'yan. Bibliotekar' 43 no. 7:30-34 Jl '66.

Prewar bibliographical indexes prepared by the Leningrad Methodological Center and its prewar publications. A.E. Rabin. Sov. bibl. no. 2:65-77 '66.

We need more bibliographical manuals. Bibliotekar' 43 no. 7:24 Jl '66.

BIBLIOGRAPHY—BIBLIOGRAPHY

Prewar bibliographical indexes prepared by the Leningrad Methodological Center and its prewar publications. A.E. Rabin. Sov. bibl. no. 2:65-77 '66.

BIBLIOGRAPHY—BIOLOGY

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 10 no. 6 Je '66.

BIBLIOGRAPHY—BROUKA, PIATRUS', 1905-

Minsk. Dziazhaunaya biblioteka BSSR. Addzel belaruskaj litary i bibliografi. [Piatrus' Brouka; for his 60th birthday; a bibliographic index] Piatrus' Brouka; da 60-hoddzia z dnia naradzhenia; bibliografichny davednik. Minsk, Kuzhnaia paleta BSSR, 1965. 211 p. (CaOTU)

BIBLIOGRAPHY—BULGARIA

[New literature on Bulgaria] Nov. lit. po Bolg. no. 5 '66.

BIBLIOGRAPHY—CHEMISTRY

[Chemical information; classed index of articles in foreign periodicals] Khim. inform. i stat. uk. st. v inostr. zhur. nos. 4, 6 Ap, Je '66.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

New books. Zhur. anal. khim. 21 no. 5:6-12 '66.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

A faithful companion of schoolchildren. M. Kist'yan. Bibliotekar' 43 no. 7:30-34 Jl '66.

BIBLIOGRAPHY—CHURCH ARCHITECTURE

In spite of their religious form. IU. Tagov, I. Zhitomskaya. Bibliotekar' 43 no. 6:25-28 Je '66.

BIBLIOGRAPHY—COMMUNISM

Documentary materials and articles on the history of the CPSU and the international labor and communist movement published in May 1966 in periodicals, bulletins, and scholarly serials. Vop. ist. KPSS 10 no. 7:142-146 Jl '66.

Works of the founders of Marxism-Leninism in the collections of the M. E. Saltykov-Shchedrin Public Library; on the 150th anniversary of the M. E. Saltykov-Shchedrin Public Library. A. F. Shevtsova. Kniga; issl. i mat. 10:241-252 '65.

BIBLIOGRAPHY—DONELAITIS, KRISTIJONAS, 1714-1780

Lebedene, E. [Bibliography of Kristijonas Donelaitis] Kristijono Donelaitis bibliografija. Vilnius, Vaga, 1964. 381 p. [In Lithuanian]

BIBLIOGRAPHY—EARLY PRINTED BOOKS

(see also subdivision under White Russia)

Simon Budnyl and the early printers of Russian books. G. I. A. Golichenko. Kniga; issl. i mat. 10:146-161 '65.

BIBLIOGRAPHY—ECONOMICS

Bibliographic information on the economics literature in the U.S.S.R. E. Bazhanova. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:116-122 '66.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezh-dunar. otn. 9 no. 6 Je '66.

[New foreign economic literature] Nov. inostr. ekon. lit. no. 5 '66.

[New Soviet economic literature] Nov. sov. ekon. lit. nos. 4-5 '66.

BIBLIOGRAPHY—EDUCATION

[Literature on the pedagogical sciences and public education] Lit. po ped. naukam i nar. obr. no. 1 '65.

BIBLIOGRAPHY—EFFICIENCY, INDUSTRIAL

Time and work. T. Melitsava. Bibliotekar' 43 no. 7: 9-11 Jl '66.

BIBLIOGRAPHY—ELECTRIC LIGHTING

New books. Svetotekhnika 12 no. 5:30-31 Je '66.

BIBLIOGRAPHY—ELECTRIC RAILROADS

Moscow, Vsesoyuznyi nauchno-issledovatel'skii i projektirovatsionnyy institut elektrozavozostroenija. [Problems of joining railroads electrified by different current systems. Electric rolling stock with mixed current supply, a bibliographical list of Soviet and foreign literature for 1959-1963] Problemy stykovanija zheleznykh dorog, elektrozavozov i sostav smeshannogo pitaia; bibliograficheski ukazatel' otechestvennoi i inostrannoi literatury za 1959-1963 gg. Moskva, Otd-ile nauchno-tekhn. informatsii, standartizatsii i normalizatsii v elektrotekhnike. No. 1. 1964. 63 p.

Russia (1923- U.S.S.R.) Ministerstvo puti soobshcheniya. Tsentral'naya nauchno-tekhnicheskaya biblioteka. [Automation and remote control of the power supply systems of electrified railroads; a bibliographic index of Soviet and foreign literature for 1961-1964] Avtomatizatsiya i teleupravlenie ustroystvami energosnabzheniya na elektrozavoznykh zheleznykh dorogakh; bibliograficheski ukazatel' otechestvennoi i inostrannoi literatury za 1961-1964 gg. Moskva, Transport, 1965. 27 p.

BIBLIOGRAPHY—ESENIN, SERGEI ALEKSANDROVICH, 1895-1925

Karпов, E. L. [S. A. Esenin; bibliographical manual] S. A. Esenin; bibliograficheski spravocnik. Moskva, Vysshaya shkola, 1966. 180 p.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkhool. i etn. no. 5 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkhool. i etn. no. 5 '66.

BIBLIOGRAPHY—EUROPE—FEUDALISM

Kamenetskiy, B. A. [The struggle of the people's masses in European countries against feudal oppression; discussions of books] Bor'ba narodnykh mass v stranakh Evropy protiv feodal'nogo gnetia; besedy o knigakh. Moskva, Kniga, 1955. 22 p. (Istoricheskie znanija v massy, no. 2) (CS-U)

BIBLIOGRAPHY—EUROPE—PEASANT UPRISINGS

Kamenetskiy, B. A. [The struggle of the people's masses in European countries against feudal oppression; discussions of books] Bor'ba narodnykh mass v stranakh Evropy protiv feodal'nogo gnetia; besedy o knigakh. Moskva, Kniga, 1955. 22 p. (Istoricheskie znanija v massy, no. 2) (CS-U)

BIBLIOGRAPHY—EUROPE, EASTERN—COMMUNIST PARTIES

Articles devoted to the history of Communist parties published in foreign periodicals. Vop. ist. KPSS 10 no. 7:141-142 Jl '66.

BIBLIOGRAPHY—EUROPE, EASTERN

[New literature on the general problems of the European socialist countries] Nov. lit. po obshch. probl. evrop. sol. stran no. 5 '66.

BIBLIOGRAPHY—FISHERIES

Bibliography. Ryb. khoz. 42 no. 5:96 '66.

BIBLIOGRAPHY—GAS TURBINES

Survey of magazine articles on gas turbines published in 1965. Teploenergetika 13 no. 5:94-96 My '66.

BIBLIOGRAPHY—GERMANY, EAST

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Resp. no. 5 '66.

BIBLIOGRAPHY—HEALTH EDUCATION

Moscow, Publichnaya biblioteka. [For your health; a list of recommended popular literature] Dlya vashogo zdorov'ia; rekomendatsii i obzor nauchno-populiarnoi literatury. Moskva, 1963. 33 p. (V pomoshch' chitatelei, no. 1)

BIBLIOGRAPHY—HISTORY

Brief news. Vop. ist. 41 no. 7:196-198 Jl '66.

Documentary materials and articles on the history of the CPSU and the international labor and communist movement published in May 1966 in periodicals, bulletins, and scholarly serials. Vop. ist. KPSS 10 no. 7:142-146 Jl '66.

Foreign reviews of Soviet historical studies. Vop. ist. 41 no. 6:137-188 Je '66.

Foreign reviews of Soviet historical studies. Vop. ist. 41 no. 7:194-196 Jl '66.

Historical articles in periodicals published in socialist countries. Vop. ist. 41 no. 6:185-187 Je '66.

Historical articles in periodicals published in socialist countries. Vop. ist. 41 no. 7:188-190 Jl '66.

Historical articles published in Soviet periodicals. Vop. ist. 41 no. 6:166-170 Je '66.

Historical articles published in Soviet periodicals. Vop. ist. 41 no. 7:161-164 Jl '66.

New books. Vop. ist. 41 no. 6:164-166 Je '66.

New books. Vop. ist. 41 no. 7:159-161 Jl '66.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezh-dunar. otn. 9 no. 6 Je '66.

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkhool. i etn. no. 5 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkhool. i etn. no. 5 '66.

BIBLIOGRAPHY—HUNGARY

[New literature on Hungary] Nov. lit. po Veng. no. 5 '66.

BIBLIOGRAPHY—HUNGARY—LANGUAGE AND LANGUAGES

Hungarian bibliography of linguistic studies. A. N. Kirik. Sov. bibl. no. 2:124-125 '66.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING

[Bibliographic index of literature on the problems of hydraulic engineering and land improvement published in the U.S.S.R. in 1960-1962] Bibliograficheski ukazatel' literatury po voprosam gidrotekhniki i melioratsii izdannoi v SSSR v 1960-1962 gg. Moskva, Giprovodkhoz. No. 3. 1964. 170 p.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology and hydrology in 1965. Meteor. i gidrol. no. 6:61-64 Je '66.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezh-dunar. otn. 9 no. 6 Je '66.

BIBLIOGRAPHY—KARA-MURZA, KHRISTOFOR MAKAROVICH, 1853-1902
Erevan. Gosudarstvennaya respublikanskaya biblioteka. [Khristofor Kara-Murza; a brief bibliography. Khristofor Kara-Murza; kratkaya bibliografiya. Sost.: N.A. Teimurazian. Erevan] 1956. 89 p. [In Armenian] (CU)

BIBLIOGRAPHY—KHOLODOVICH, ALEKSANDR ALEKSEEVICH, 1906-
Bibliography of the works by Professor A. A. Kholodovich. Nar. Az i Afr. no. 3:215-217 '66.

BIBLIOGRAPHY—KOMI A. S. S. R.
[Literature on the Komí A. S. S. R. for 1964] Literatura o Komí ASSR za 1964 god. Syktyvkar, Komí knizhnoe izd-vo, 1965. 163 p.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES
[New foreign literature on linguistics] Nov. inostr. lit. po jaz. no. 5 '66.
[New Soviet literature on linguistics] Nov. sov. lit. po jaz. no. 5 '66.

BIBLIOGRAPHY—LAW
Legal studies in languages of Soviet peoples, 1964-1965. Sov. gos. i pravo 36 no. 7:164-165 JI '66.
Legal studies published outside the U.S.S.R. Sov. gos. i pravo 36 no. 7:162-163 JI '66.
New legal literature in the U.S.S.R., February-March, 1966. Sov. gos. i pravo 36 no. 6:145-148 Je '66.

BIBLIOGRAPHY—LITERATURE
[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit. i isk. nar. SSSR i zarub. stran no. 3 '66.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM
[New foreign literature on the study of literature] Nov. inostr. lit. po lit. no. 5 '66.

BIBLIOGRAPHY—MEDICINE
[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 10 no. 6 Je '66.

BIBLIOGRAPHY—METALLURGY
Bibliography. Zhur. V KHO 11 no. 3:314 '65.

BIBLIOGRAPHY—METEOROLOGY
Literature on meteorology and hydrology in 1965. Meteor. i gidrol. no. 6:61-64 Je '66.

BIBLIOGRAPHY—MOLDAVIA
[Chronicle of the publications of the Moldavian S.S.R.] Let. pech. Mold. SSR nos. 1-2 Ja-Je '66.

BIBLIOGRAPHY—NERVOUS SYSTEM
New textbook on the physiology of the higher nervous activity. A. S. Dmitrieva. Zhur. vys. nerv. deiat. 16 no. 3:573-574 My-Je '66.

BIBLIOGRAPHY—PHILOSOPHY
[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezh-dunar. otn. 9 no. 6 Je '66.
[New foreign literature on philosophy] Nov. inostr. lit. po filos. no. 5 '66.
New philosophical literature. Vop. filos. 20 no. 6:178-181 '66.
[New Soviet literature on philosophy] Nov. sov. lit. po filos. no. 5 '66.

BIBLIOGRAPHY—POLAND
[New literature on Poland] Nov. lit. po Pol'. no. 6 '66.

BIBLIOGRAPHY—POWER ENGINEERING
Literature on industrial power engineering. Prom. energ. 21 no. 5:61-62 My '66.

BIBLIOGRAPHY—PSYCHIATRY
Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library during February 1966. E. A. Akhutina. Zhur. nev. i psikh. 66 no. 5:787-788 '66.
Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library in April 1966. E. A. Akhutina. Zhur. nev. i psikh. 66 no. 7:1115-1116 '66.

BIBLIOGRAPHY—RADIO
New books. Radiotekhnika 21 no. 5: p. 3 of cover My '66.

BIBLIOGRAPHY—RARE BOOKS
These books are my friends (continuation). V. G. Lidin. Kniga; issl. i mat. 10:232-233 '65.

BIBLIOGRAPHY—RECLAMATION OF LAND
[Bibliographic index of literature on the problems of hydraulic engineering and land improvement published in the U.S.S.R. in 1960-1962] Bibliograficheskiy ukazatel' literatury po voprosam gidrotekhniki i melioratsii izdaniy v SSSR v 1960-1962 gg. Moskva, Giprovdokhoz. No. 3. 1964. 170 p.

BIBLIOGRAPHY—RELIGION
[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. lit. po vop. ateiz. i rel. no. 5 '66.

BIBLIOGRAPHY—ROMANIA
[New literature on Romania] Nov. lit. po Rum. no. 5 '66.

BIBLIOGRAPHY—SCIENCE
[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology, physical geography] Nov. knigi za rub. Ser. A 10 no. 6 Je '66.

BIBLIOGRAPHY—SHENNIKOV, ALEKSANDR PETROVICH, 1888-1962
Akademiya nauk SSSR. Aleksandr Petrovich Shennikov. Vstup. stat'ia T. A. Rabotnova i N. V. Dyblina. Bibliografiya sostavlena M. M. Shennikovi i G. N. Finashinovi. Moskva, Nauka, 1966. 67 p. (Materialy k biobibliografii uchenykh SSSR. Seriya biologicheskikh nauk. Botanika, no. 8)

BIBLIOGRAPHY—SOIL SCIENCE
[Bibliographic index of literature on the problems of hydraulic engineering and land improvement published in the U.S.S.R. in 1960-1962] Bibliograficheskiy ukazatel' literatury po voprosam gidrotekhniki i melioratsii izdaniy v SSSR v 1960-1962 gg. Moskva, Giprovdokhoz. No. 3. 1964. 170 p.

BIBLIOGRAPHY—SPAIN—CIVIL WAR, 1936-1939
Cuterman, E. A. [The national revolutionary war in Spain in 1936-1939; a discussion of books] Natsional'-no-revolyutsionnaya volna v Ispanii 1936-1939 gg.; beseda o knigakh. Moskva, Kniga, 1966. 16 p. (Istoricheskie znaniya - v massy, no. 3)

BIBLIOGRAPHY—STATES, NEW—ECONOMIC CONDITIONS
Sources for and literature on the economic problems of the recently liberated countries. K. I. Bobkov. Vest. vys. shkoly 24 no. 6:62-69 Je '66.

BIBLIOGRAPHY—TECHNOLOGY
More about the system of bibliographical information on technology. N. A. Vil'chur. Sov. bibl. no. 2:78-81 '66.

BIBLIOGRAPHY—TIME STUDY
Time and work. T. Melitseva. Bibliotekar' 43 no. 7: 9-11 JI '66.

BIBLIOGRAPHY—TRANS-CARPATHIA—UKRAINIAN LITERATURE
Uzhgorod. Zakarpats'ka derzhavna oblasna biblioteka dlia doroslykh. [Writers of Soviet Transcarpathia; a short index to the literature] Pys'mennyky Radlans'kohe Zakarpattia; korotkyi pokazchik literatury. Vyd. 2. Uzhgorod, Zakarpats'ke obl. vyd-vo, 1960. 69 p. (MH)

BIBLIOGRAPHY—TURKIC STUDIES
Materials for description of the manuscript heritage of A. N. Samoilovich. Nar. Az i Afr. no. 3:206-211 '66.

BIBLIOGRAPHY—UNION REPUBLICS
A discussion of proposed regulations on the preparation of a bibliography "Our republic in the publications of the U.S.S.R. and the foreign socialist countries." A. J. Ulpia. Sov. bibl. no. 2:42-46 '66.
Recommended regulations on the preparation of a bibliography "Our republic in the publications of the U.S.S.R. and the foreign socialist countries." Sov. bibl. no. 2: 46-51 '66.

BIBLIOGRAPHY—WORLD POLITICS
New books on international problems. Nov. vrem. 24 no. 29:31-32 JI '66.

BIBLIOGRAPHY—YUGOSLAVIA
[New literature on Yugoslavia] Nov. lit. po IUG. no. 5 '66.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)
The All-Union Book Chamber and some problems of bibliographical studies. P. A. Chuvikov. Kniga; issl. i mat. 10:41-47 '65.
Discussing the current problems of Soviet bibliography. Kniga; issl. i mat. 11:270-290 '65.

BIG BUSINESS see subdivision under Japan

BILE
Changes in the blood system in obstructive jaundice and acholia. E. M. Samenskaya, G. I. A. Odishvili, T. S. I. Abakelila. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:247-257 '69.
Functional state of the liver in experimental cholelithiasis and acholia. L. I. Kandelaki, G. I. A. Odishvili, T. S. I. Abakelila. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:259-262 '69.

BILIARY CALCULI see Calculi, Biliary
BILBIN, IVAN IAKOVLEVICH, 1876-1942
Bilbin, I. I. I. Bilbin. [Moskva, Sovetskii khudozhnik 1961] 1 v. (chetyre knigi.) (CLU)

BILIKUL, LAKE
Summer zooplankton in Lake Bilikul of Dzhambul Province. S. I. Borasheva, V. V. Kemina. Vest. sel'kh. nauk [Kazakh]. 9 no. 5:102-105 My '66.

BINDING MATERIALS
(see also subdivision under Siberia; Soviet Far East)
Studying the work of a unit for the application of a binder by the glazing method in the manufacture of products from centrifugally blown fibers. R. E. Osipova, V. I. Akundin. Stek. i ker. 23 no. 6:14-16 Je '66.

BIOCHEMISTRY
Chemical composition of swine embryos. L. O. Shevchenko. Nauk. pratsi zooteh. fak. UASHN 15 no. 2: 64-68 '61.

[Main problems of age-related physiology and biochemistry; transactions of the All-Union Symposium, Kharkov, 1965] Vvedeniye k problemam vozrastnoi fiziologii i biokhimii; trudy Vsesoyuznogo simpoziuma, Khark'kov, 1965. Pod red. V. N. Nikitina. Moskva, Meditsina, 1966. 386 p.
Riga. Medicine Institute. [Chemistry and medicine; materials of the 12th Session] Khimija i meditsina; materialy XII nauchnoi sessii. Riga, 1964. 114 p. (ONLM)

Some biochemical characteristics and functions of human blood platelets. N. B. Cherniak. Usp. sov. biol. 61 no. 3:354-373 My-Je '66.

BIOCHEMISTRY—ABSTRACTS
[Biochemistry] Ref. zhur.: Biol. khim. nos. 10-11 My-Je '66.

BIOLOGICAL CONTROL SYSTEMS
Protein synthesis and regulative processes in the cell. L. N. Zhukina. Arkh. nat., gist. i embri. 50 no. 5:3-13 My '66.

BIOLOGICAL RESEARCH see subdivision under Ukraine

BIOLOGICAL RHEOLOGY see Rheology (Biology)

BIOLOGICAL SOCIETIES see subdivision under Karelia

BIOLOGICAL WARFARE
Skvorlov, V. V., V. S. Kiklenko, and V. D. Kucheronko. [Survival and indication of pathogenic microbes in the external environment] Vyzhivayemost' i indikatsiya patogennykh mikrobov vo vnechnye sredy. Izd. 2. Moskva, Meditsina, 1966. 350 p.

BIOLOGICAL WARFARE—SAFETY MEASURES
When animals are struck by infections. . . V. Isachenko. Voen. znan. 42 no. 6:29 Je '66.

BIOLOGY—ABSTRACTS
[Biology] Ref. zhur.: Biol. nos. 5(1)-5(2), 6(1)-6(2) My-Je '66. Predmetnyy ukazatel' za 1964 g. vol. 2.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—MATHEMATICAL MODELS
Mathematical modelling in biology. G. N. Zubenko, A. S. Kardasheva. Priroda 55 no. 7:50-54 '66.

BIOLOGY—PERIODICITY
Diurnal mitotic rhythm in the epithelium of gastric mucosa in rats. L. R. Klimkina. Vop. onk. 12 no. 6: 64-67 '66.
Diurnal periodicity of mitotic cell division of inter-alveolar septa of the lungs in rats. L. R. Romanova. Biol. eksp. biol. i med. 61 no. 6:88-91 Je '66.
Diurnal rhythm of the mitotic activity in some tissues of young white rats. R. I. Bogatova-Nikonorova. Biol. eksp. biol. i med. 61 no. 5:110-112 My '66.

BIOLUMINESCENCE
Vladimirov, I. U. A. [Extraneous luminescence in biochemical reactions] Sverkhslabye svecheniya pri biokhimicheskikh reaktsiyakh. Moskva, Nauka, 1966. 100 p.

BIONICS
Moscow. Institut avtomatiki i telemekhaniki. [Engineering cybernetics. Problems of control and information; problems of Soviet science] Tekhnicheskaya kibernetika. Problemy upravleniya i informatsii; voprosy sovetskoi nauki. Moskva, Nauka, 1966. 103 p.

BIONICS—CONGRESSES
Second All-Union Conference on Bionics. Avtom. i telem. no. 5:204-206 '66.

BIOSYNTHESIS
Synthesis of optically active liponmino acids. R. I. G. Molotkovskii, L. D. Bergel'son. Izv. AN SSSR. Ser. khim. no. 6:1008-1100 '66.

BIOTITE—ANALYSIS see subdivision under Karelia

BIRCH
(see also subdivision under Pyshma Valley)
Characteristics of the seasonal development of birch. N. G. Kharkin. Priroda 55 no. 7:125-127 '66.

BIRDS

(see also subdivision under Villin Plateau)

Comparative histological structure of the compact mass of the tubular bones of the extremities in birds in ontogenesis. M. H. Chekanova. Naut. priat. zootekh. fak. UASHN 15 no. 2:118-126 '61.

BIRDS—BEHAVIOR

Akademiya nauk SSSR. Institut morfologii zhivotnykh. [Mechanisms of flight and orientation in birds] Mekhanizmy potela i orientatsii ptits. Moskva, Nauka, 1966. 222 p.

BIRDS—DISEASES AND PESTS see subdivision under Barguzin Valley

BIRDS—EGGS AND NESTS

Study of nest and nesting material of thrushes in Azerbaijan. R. G. Mustafayeva. Trudy Inst. zool. AN Azerb. SSR 25:124-132 '65.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—MIGRATION see subdivision under Barguzin Preserve; Gorno-Altai Autonomous Province

BIRDS, INJURIOUS AND BENEFICIAL

Role of birds in the outbreak of the mass multiplication of insects. F. N. Semevskii. Sbor. rab. MLTI no. 11: 49-56 '64.

BIRTH INJURIES

Effect of prenatal injuries on the neuropsychic development in children. V. K. Kaubish. Zhur. nevro. i psikh. 66 no. 7:1041-1045 '66.

Intracranial birth trauma in newborn infants. M. I. A. Studentkin, I. U. I. Barashnev. Vest. AMN SSSR 21 no. 6:70-84 '66.

BIRTHWORT see subdivision under Siberia, Eastern

BISMUTH

Characteristics of the effect of iodine ions on the kinetics of electrode processes on bismuth amalgam. V. V. Gorodetskii, V. V. Losev. Elektrokhimia 2 no. 6:664-671 Je '66.

Effect of halogen ions on the rate of electrode processes on the bismuth amalgam electrode. V. V. Gorodetskii, V. V. Losev. Elektrokhimia 2 no. 6:666-663 Je '66.

BISMUTH—ANALYSIS

Picraminazo compounds as metallochrome indicators for bismuth. S. I. Gusev, L. M. Shestakova, Z. A. Bitovt. Zhur. anal. khim. 21 no. 5:568-573 '66.

BISMUTH—INCLUSIONS

Determining the equilibrium ratio of impurities distribution in bismuth. E. E. Konovalov and others. Izv. AN SSSR. Met. no. 3:84-89 My-Je '66.

BISMUTH—LEAD ALLOYS—THERMOELECTRIC PROPERTIES

Changes in the thermoelectromotive force of alloys in the system bismuth-lead during their melting. B. P. Pashov, N. P. Nedel'ko. Fiz. met. i metalloved. 20 no. 8:845-849 D '65.

BITS (DRILLING AND BORING)

(see also subdivision under Poltava Province)

Analysis of the indices of the performance of bits in rotary-percussion drilling. V. I. Nizmarov. Burenie no. 5:3-6 '66.

Efficiency of using diamond bits for the drilling of deep wells. V. A. Shein, M. M. Zubkov. Ekon. nefteob. prom. no. 2:5-10 '66.

Investigating cone bits with an increased pressure contact with rock. V. B. Polakov and others. Neft. khoz. 44 no. 5:7-12 My '66.

BITUMEN

Bitumen emulsions for the maintenance of soil cement roads. V. A. Ivantsov, L. P. Ostroshko, V. B. Permlakov. Avi. dor. 29 no. 2:113-114 F '66.

Bitumens for cementing asphalt and cement concretes. A. A. Nadezhko. Avi. dor. 29 no. 6:21-22 Je '66.

Dense asphalt-concrete type mixes based on bitumen emulsions. N. I. Begunkova. Avi. dor. 29 no. 2:13-16 F '66.

Effect of the content of acids and asphaltenes in bitumens on their emulsification. E. M. Naahivanko and others. Avi. dor. 29 no. 2:16-17 F '66.

BITUMEN—CURING

Effect of the duration of curing on the properties of bitumen. V. V. Vedenev. Stroim. 12 no. 2:29 F '66.

BITUMEN—GEOLOGY

Prospects for extracting oil from bituminous shales. V. F. Pomnikov. Ekon. nefteob. prom. no. 2:40-44 '66.

BITUMINOUS MATERIALS

Effect of temperature on the protective properties of bitumen-based coatings. A. A. Enkov. Transp. i khim. nefli i nefteprod. no. 3:13-15 '65.

BITYUG VALLEY—SOILS

Soil of the Bityug floodplain within the area of the Kalach elevation. B. P. Akhtyrtsev. Bt. Ob-va estestvoispyt. 13:119-127 '64.

BIYA VALLEY—BOULDERS

Drift accumulated by river ice in the Gornyy Altai. V. M. Ostroumov. Izv. Alt. old. Geog. ob-va SSSR no. 2: 100-101 '63.

BIYA VALLEY—SOILS

Genesis and evolution of calcareous humus soils in the Biya-Chumys forest steppe. V. M. Ostroumov. Izv. Alt. old. Geog. ob-va SSSR no. 2:84-88 '63.

BIYSK (ALTAI TERRITORY)—BOOKSTORES

Requirements of the people of Biysk. A. Krasnov. Khizh. tor. 17 no. 6:18 Je '66.

BLACK SEA—ALGAE

Phytoplankton distribution range in the Black Sea. B. N. Mikhailov, G. P. Mashtakova. Ryb. khoz. 42 no. 5: 12-13 '66.

BLACK SEA—COPEPODA

Copepoda of the Black Sea, new crustaceans of the Soviet Union. V. I. Monchenko. Dop. AN URSS no. 5: 682-686 '66.

BLACK SEA—ICE

Calculation and forecast of ice phenomena in some ports of the Sea of Azov and the Black Sea. I. A. Titunov. Trudy TSIP no. 155:99-104 '65.

BLACK SEA—ROCKLING

Growth and feeding habits of the rockling (Gaidropsarus mediterraneus L.) in the Black Sea. E. M. Kalinina. Vop. ikht. 6 no. 2:397-400 '66.

BLACK SEA DEPRESSION—OSTRACODA, FOSSIL

Stratigraphic and paleogeographic significance of the Chokrak Ostracoda of the Black Sea Depression. I. U. B. Lul'nev. Geol. zhur. 26 no. 2:112-117 '66.

BLACK SEA REGION—GEOLOGY, STRUCTURAL

Basic tectonic features in the northwestern part of the Black Sea in the Neogene. A. V. Chekunov. Dop. AN URSS no. 5:661-664 '66.

BLACK SEA REGION—REVOLUTION OF 1905

Sevastopol sonata. N. B. Kovalenko. Vop. ist. 41 no. 7: 110-119 Ji '66.

BLACKFLIES see subdivision under Tuva A. S. S. R.

BLADDER—CANCER

Modern methods of diagnosis and treatment of cancer of the urinary bladder. A. Z. Gzishvili. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:29-40 '65.

BLAGOEV, DIMITUR, 1855-1924

An outstanding revolutionary. Vop. ist. KPSS 13 no. 7: 117-148 Ji '66.

BLAST FURNACES

Behavior of germanium oxides during smelting in a blast furnace. V. V. Mikhailov and others. Vest. AN Kazakh. SSR 22 no. 6:83-84 Je '66.

BLAST FURNACES—CONGRESSES

Conference of blast-furnace operators of the Ukraine on improving the performance of blast-furnace charging equipment. P. I. Dneprov. Met. i gornorud. prom. no. 3:91-92 My-Je '66.

BLAST FURNACES—DESIGN AND CONSTRUCTION

Combustion processes and the distribution of gas flow in blast furnaces with various tuyere projections. I. A. Gavriluk. Izv. vys. ucheb. zav. ; Chern. met. 9 no. 6:46-49 '66.

Device for heating the bells of blast furnace charging equipment during hard facing. E. G. Nevier, E. F. Poddubnyi. Met. i gornorud. prom. no. 3:85-87 My-Je '66.

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Causes of the formation of air holes in blast furnace charging equipment. G. P. Mel'nikenko, I. L. Kordabnev, A. V. Svetozarov. Izv. vys. ucheb. zav. ; Chern. met. 9 no. 6:206-209 '66.

Popov, A. P., and I. A. Popov. [Gas-fired blast-furnace operator] Gazovshchik domennoi pechi. Moskva, Metallurgiya, 1966. 154 p.

Reduction and slag formation processes in blast furnaces with various charge reducibility. A. A. Gimmel'farb and others. Izv. vys. ucheb. zav. ; Chern. met. 9 no. 6: 50-56 '66.

BLAST FURNACES—MAINTENANCE AND REPAIR

Influence of the conditions of its profile on the performance of a blast furnace. V. I. Logunov, N. M. Kharchenko, A. A. Krivosheev. Met. i gornorud. prom. no. 3:17-19 My-Je '66.

BLAST FURNACES—MATHEMATICAL MODELS

Determining the dynamic model of a blast furnace. P. M. Maslovskii, V. P. Avdeev, V. F. Evushenko. Izv. vys. ucheb. zav. ; Chern. met. 9 no. 6:185-190 '66.

Model of the control of a blast furnace along the channel "Blast moisture - silicon content in the cast iron." V. P. Avdeev. Izv. vys. ucheb. zav. ; Chern. met. 9 no. 6:191-194 '66.

BLASTING

Causes and control of poison gases occurring during blasting operations in underground mining. V. E. Bryllakov, A. B. Plekhanova, V. I. Rinbov. Shkhit. stroi. no. 5:7-8 My '66.

Experience in adopting the manless method of hole cutting at the Kuznetsk Basin coal mines. L. S. Melchikov. Ugol' 41 no. 6:27-29 Je '66.

Experience in using double boreholes at the "Pervomayskiy" mine of the Northern Mining and Ore Dressing Combine. I. U. S. Mets and others. Met. i gornorud. prom. no. 3:87-88 My-Je '66.

Improving the boring and blasting operations in the Donetsk Basin coal mines. A. F. Nikolenko, V. F. Aleksandrov, V. V. Sevrikov. Ugol' Ukr. no. 6:10-11 Je '66.

Kinetics of the growth of fractures in the process of rock breaking by blasting. Sh. A. Mambetov, V. N. Moshnets. Fiz. -tekh. probl. razrab. pol. iskop. no. 3:68-77 '65.

Kollov, Y. G. [Determining the parameters of concrete pillars capable of resisting the effect of hole blasting; design methods] Opredelenie parametrov betonnykh tsolkov, sposobnykh protivostoiat' vozdeystviu vzryvov skvazhin, metodika rascheta. Moskva, Institut gornogo dela im. A. A. Stochinskogo, 1965. 11 p.

Problems of the new theory of rock breaking by blasting. P. A. Makhin, V. K. Karchevskii. Fiz. -tekh. probl. razrab. pol. iskop. no. 3:51-67 '65.

Using blasting for eliminating the freezing of pipes in wells. E. A. Levin, S. A. Levina. Neft. khoz. 44 no. 5: 13-22 My '66.

BLASTING—EQUIPMENT AND SUPPLIES

Certain regularities in the blasting of charges with air intervals. A. P. Tikhovidov. Fiz. -tekh. probl. razrab. pol. iskop. no. 3:82-90 '65.

Experience in adopting blasting operations in mining at the Krasnogvardeysk mine. M. P. Kharchin. Dob. i obog. rud. tsvet. met. no. 3:21-24 '64.

Influence of means of mechanization on labor productivity in the boring and blasting method of mining in the Lvov-Volyn' Basin. N. I. Golovko, D. F. Petrichenko. Ugol' Ukr. no. 6:26-27 Je '66.

Shattering of rock depending on the location of priming of elongated charges. G. K. Akutin, R. T. Franko. Met. i gornorud. prom. no. 3:64-66 My-Je '66.

BLASTING—HYGIENIC ASPECTS

Rossi, B. D. [Poisonous gases during underground blasting operations] Adovitye gazy pri podzemnykh vzryvnykh rabotakh. Moskva, Nedra, 1966. 92 p.

BLASTING—MODELS

Studying the ore yield during its blasting in a tight face area. N. P. Vlokh. Dob. i obog. rud. tsvet. met. no. 3: 26-27 '64.

BLASTING—SAFETY MEASURES

Use of safety cartridges in PVP-1 polyethylene casings. A. T. Bondarenko, P. M. Iakubenko. Ugol' Ukr. no. 6: 42 Je '66.

BLISTER BEETLES see subdivision under Kharkov Province; Ukraine

BLOOD

Characteristics of the blood injury in little rats at their early age following whole-body X-ray irradiation. V. V. Kholin, T. F. Ivanova. Radiobiologiya 6 no. 3: 399-402 '66.

BLOOD—AGGLUTINATION

Thermoresistance and hemagglutinative activity of smallpox viruses. V. V. Gumenkov, V. N. Sturin. Vop. vet. virus. 2:386-391 '66.

BLOOD—ANALYSIS AND CHEMISTRY

Blood morphology as an index of the functional state of the vegetative nervous system in closed cranio-cerebral lesions (cerebral concussion). A. A. Ashtarafov. Azerb. med. zhur. 43 no. 4:59-64 Ap '66.

Changes in blood morphology and its biochemical indices during meteoropathological reactions in patients with chronic coronary insufficiency. A. D. Dakhin. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 2:103-107 Mr-Ap '66.

Changes in the blood system in obstructive jaundice and acholia. E. M. Semenskaia, G. I. A. Odishvili, T. S. I. Abakellia. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:247-257 '59.

Changes in the blood system in tissue therapy. N. V. Dzhibladze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:337-365 '59.

Changes in the potassium, calcium, chloride, sugar, total protein and protein fractions of the blood in general hypothermy in an experiment. T. S. I. Abakellia, L. A. Kandelaki, V. F. Mandzhgaladze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:333-340 '59.

Clinicohematological and immunochemical characteristics of an active rheumatic process in patients with mitral stenosis. I. U. M. Briakin and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:62-65 '65.

BLOOD - ANALYSIS AND CHEMISTRY (Continued)

Comparative study of the amolytic activity of vitamins tumor and blood. U. I. Akhmedova, Trudy Azerb. nauch. inst. med. i biol., 4:121-123, 1963.

Comparison of data on the activity of serum lactate dehydrogenase with the level of lactic and pyruvic acids in the blood of patients with acute coronary insufficiency. E. P. Stepanian, A. D. Tumerkina, Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR, 11:113-115, 1963.

Detailed diagnosis of mitral stenosis by the method of X-ray cinematography combined with contrasting of the blood. M. A. Iyambekova, H. S. Petrovskiy, M. G. Khomutov, Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR, 11:58-59, 1963.

Detection of stage-specific antithrombin in the blood of pregnant women. A. I. Iukhalov, Biol. eksp. biol. i med., 61 no. 5:107-110, My 1966.

Effect of β -mercaptoethylamine on the cardiovascular system and the morphological composition of peripheral blood. V. A. Kozlov, Biol. eksp. biol. i med., 61 no. 5: 75-78, My 1966.

Effect of combined intratracheal ether and oxygen anesthesia on the activity of some oxidation-reduction enzymes of the blood: an experimental study. A. Sh. Ibrahimov, Azerb. med. zhur., 43 no. 4:27-32, Ap 1966.

Effect of acrylonitrile and norepinephrine on the content of nucleic acids in the blood and uremia 35 in rats. L. H. Klitkina, Vopr. onk., 12 no. 6:62-64, 1966.

Level of 17-hydroxycorticosteroids in the blood plasma of human rheumatoid arthritis and hemodialysis patients and its changes under neuroendocrine influence. N. P. Gucharov, Biol. eksp. biol. i med., 61 no. 5:63-67, My 1966.

BLOOD - CIRCULATION, ARTIFICIAL

Metabolic changes originating in the blood of patients with negative cardiac defects following operative intervention. E. P. Stepanian, E. L. Gmelchvich, Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR, 11:120-120, 1963.

Oxygen consumption by the myocardium under conditions of normal and hypobaric normoxia: perfusion and general artificial blood circulation. D. D. Herashenko, E. N. Akhmedova, Biol. eksp. biol. i med., 61 no. 5:23-27, Je 1966.

Surgical treatment of mitral stenosis on open heart under conditions of artificial blood circulation. S. A. Kolomoys and others, Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR, 11:13-9, 1963.

BLOOD - CIRCULATION, DISORDERS OF

Effect of acute femoral artery-venous anastomosis on the hemodynamic under conditions of traumatic shock. H. S. Garibayev, Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR, 11:143-148, 1963.

BLOOD - COAGULATION

Comparative characterization of the blood coagulation system in patients with mitral defect of the heart in open and closed communication. E. P. Stepanian, E. P. Popelova, T. Kh. Shirkalina, Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR, 11:13-16, 1963.

Panchenko, V. M. [Coagulation and anticoagulation systems in the pathogenesis and treatment of intravascular thromboses] Dvortsyatnitskaya, protivovospytnitskaya sistema v patogeneze i lechenii vnutrisosudnykh trombozov, Moskva, Tsent. in-t usovremennovaniya vrach. kad., 1966, 31 p. (DNLN)

BLOOD - COLLECTION AND PRESERVATION

Experiment in the selection of camp on blood donors for the complement fixation reaction. E. P. Kurchenko, G. P. Kurdyukova, Vopr. vet. zhen., 2:94-96, 1966.

Preparation of preserved blood under field conditions. L. G. Chernavskiy, Voen. med. zhur., no. 8:66-68, My 1966.

BLOOD - MICROBIOLOGY

Bacteriological study of the blood in septic endocarditis and rheumatism. V. E. Kondratyeva, Zhur. mikrob., 61 no. 5:131-34, My 1966.

BLOOD - TRANSFUSION

Effectiveness of massive intra-arterial blood infusion in the complex of resuscitation. M. T. Tolunov, Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR, 11:156-159, 1963.

BLOOD - BRAIN BARRIER - see Hematoencephalic barrier

BLOOD GROUPS

Incompatibility factors of the blood of the mother and fetus. V. A. Tsholun, Voen. AMN SSSR, 21 no. 6:94-94, 1966.

Nonhemolytic sequelae of ABO-incompatible pregnancy: a review of the literature. E. N. Nazarov, Zhur. never. i psikh., 66 no. 7:1091-1095, 1966.

BLOOD PLASMA

Effect of the serum and blood plasma of animals with regenerating liver on mitosis in the liver of intact animals. S. I. Telepneva, Biol. eksp. biol. i med., 61 no. 6:89-93, Je 1966.

BLOOD PLATELETS

Some biochemical characteristics and functions of human blood platelets. N. B. Chernok, Usp. never. biol., 61 no. 3:354-373, My-Je 1966.

BLOOD PRESSURE

Effect of rapid cooling and heating on blood pressure and respiration. G. Ia. Chikhichin, G. V. Khachaturian, Trudy Khark. khir. khir. i genet. AN Ukr. SSR, 1:121-122, 1963.

State of arterial pressure in late negative of closed craniocerebral trauma. E. M. Matishchuk, Voen. med. zhur., no. 6:20-30, My 1966.

BLOOD PRESSURE, HIGH - see Hypertension

BLOOD PROTEINS

Behavior of β -globulin in electrophoresis in various starch gels. S. N. Vashchenko, Biol. eksp. biol. i med., 61 no. 5:60-61, My 1966.

Blood proteins of rats following radiation injury. D. M. Koshkin, N. V. Alekseyeva, Radiobiologiya, 6:362-368, 1966.

Detection of C₃ and C₄ reactive proteins in the serum during the exposure of the body to ultraviolet frequency electromagnetic waves. B. A. Chikolov, B. N. Grachev, I. V. Lukina, Biol. eksp. biol. i med., 61 no. 6:53-55, Je 1966.

Diagnosis and prognostic significance of the test for C-reactive protein in atrophic colitis and proctitis. A. D. Ostrovskiy, Zhur. mikrob., 61 no. 5:103-107, My 1966.

Effect of solar radiation on the stabilizing properties of proteins and glycoproteins of the blood in the development of experimental atrophic colitis. B. A. Chikolov, V. V. Kozlov, Vopr. khir. i genet. i khir. khir. i genet. AN Ukr. SSR, 1:121-122, 1963.

Electrophoretic analysis of blood serum proteins in atropine. G. A. Anushkinov, Vopr. khir. i genet. i khir. i genet. AN Ukr. SSR, 1:121-122, 1963.

MRK yield of coagulants related to their composition of characteristics and the protein structure of serum. M. N. Petrova, Soobshch. nauch. konf. PARN, 13 no. 2:10-16, 1961.

Regularities of the appearance of C-reactive protein and its connection with the formation of fat liver. L. H. Kuznetsov, Biol. eksp. biol. i med., 61 no. 5:41-43, 1966.

State of protein fractions, glycoproteins and the activity of the blood serum in chronic myocarditis in patients. In children and their changes under the effect of corticosteroid and health resort treatment. N. M. Kuznetsov, V. V. Barch, Zhur. khir. i genet. i khir. i genet. AN Ukr. SSR, 1:121-122, 1963.

BLOOD TUMOR - see Hematoma

BLOOD VESSELS

Distribution of catechol amines in the blood vessel walls of warm-blooded animals. G. R. Levashina, Voen. med. zhur., 43 no. 3:34-41, My 1966.

BLOOD VESSELS - IRRIGATION

Mechanism of the change in reflexory vasopressor of the blood pressure in hypothermia and oxygen deficiency. T. V. Popova, Trudy Inst. Khir. i genet. i khir. i genet. AN Ukr. SSR, 1:121-122, 1963.

BLOOD VESSELS - SURGERY

Kryzhevskiy, H. N. [Technique of venous thrombectomy in blood vessels] Tekhnika osvozhdeniya i eliminatsii krovotokovykh zastoynov, Kiev, Zdravota, 1966, 112 p. (DNLN)

DIAGNOSTIC TECHNIQUE - see Endocrinology, Diagnostic

DIAGNOSTIC TECHNIQUE - see Endocrinology, Diagnostic

DIAGNOSTIC TECHNIQUE - see Endocrinology, Diagnostic

Professor Nikolai Ivanovich Ivanov (1905-1965) Voen. med. zhur., no. 12:78-80, 1965.

BODY SIZE

Cell and animal body measurements: a preliminary report. R. I. Puhogorodskiy, Vest. IAU, no. 9:143-148, 1966.

BODY TEMPERATURE

Change in the temperature of the abdominal cavity in sheep and cattle under the effect of food intake. S. H. Aronov and others, Soobshch. nauch. konf. PARN, 13 no. 2:113-117, 1961.

Change in the temperature of the stomach contents in sheep under the effect of food intake. S. H. Aronov and others, Soobshch. nauch. konf. PARN, 13 no. 2:109-112, 1961.

BODY TEMPERATURE - REGULATION

Compensatory mechanisms of thermoregulation in patients with focal lesions of the brain. I. B. Pomeroyuk, Zhur. never. i psikh., 66 no. 5:692-698, 1966.

Ronin, A. D. [Physiology of thermoregulation and the thermal adaptation of farm animals] Fiziol. i termoregulyatsiya i termicheskiye adaptatsii u sel'skokhozyaystvennykh zhivotnykh, Moskva, Nauka, 1966, 144 p. (DNLN)

Thermoregulatory reaction of the skin in young female hypothermia. R. B. Hromolova, O. I. Hromolova, G. P. Oshchepkova, Soobshch. nauch. konf. PARN, 13 no. 2:99-101, 1961.

BOGRAD, IAKOV EFIMOVICH, 1898-1919

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

BOGRAD, IAKOV

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

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Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

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Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

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Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

Bograd, A. I. [Iakov Bograd, a historical and biographical sketch] Iakov Bograd, istoriko-biograficheskii ocherk. [Kraevedskiy Kraevedarskiy knizhnik] vol. 1965, 112 p. (CB-R)

BONUS SYSTEM

(see also subdivision under White Russia)

- Advantages and disadvantages of a time-bonus system. I. Tikhonov. *Avi. transp.* 44 no. 6:16 My '66.
- Bonuses for workers of tank farms and agencies supplying petroleum products. *Sots. trud* 11 no. 6: 122-123 Je '66.
- In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. *Sots. trud* 11 no. 6:113-145 Je '66.
- Monetary awards for supporting the introduction of technological innovations. F. P. Torkanovskii. *Sov. gos. i pravo* 36 no. 7:98-93 JI '66.
- New bonus system. M. Pakhanakht, V. Shul'ts. *Avi. transp.* 44 no. 6:31-33 Je '66.
- Paying bonuses to workers under the new conditions. S. Shkurko. *Plan. khoz.* 43 no. 7:41-50 JI '66.
- Payment of bonuses to store workers. *Sov. torg.* 39 no. 6:45 Je '66.
- Practice in transferring to the new system of planning and economic stimulation of industrial production. *Sots. trud* 11 no. 6:104-113 Je '66.
- Use of the material incentive fund. V. Nikulin, T. Goleu-sova. *Plan. khoz.* 43 no. 7:55-59 JI '66.
- Work of the brigade under the new procedure of planning and economic incentives. D. P. Kranich. *Ugol' Ukr.* no. 6:34-35 Je '66.

BOOK DESIGN

- Artistic form of political books; notes of a painter. N. A. Sedelnikov. *Kniga; iskl. i mat.* 10:118-125 '66.
- Basic aspects of the artistic form of book exteriors. V. S. Sidorova. *Kniga; iskl. i mat.* 10:99-117 '66.

BOOKPLATES

- Ivanski, S. G. [The art of the bookplate] *Iakusatvo khizh-nogo znaka*. Leningrad, Khudozhestk RSFSR, 1966. 110 p. illus.

BOOKS AND READING

- Discussing the current problems of Soviet bibliography. *Kniga; iskl. i mat.* 11:270-290 '66.
- The place of reading in the structure of leisure time of Ulan-Ude workers; based on the example of three industrial enterprises in Ulan-Ude. N. S. Kartashov. *Bibliot. SSSR* no. 30:21-34 '65.
- Teach them to understand poetry. S. Magdson. *Bibliotekar'* 43 no. 7:39-40 JI '66.

BOOKSELLERS AND BOOKSELLING

- (see also subdivision under Germany, East; Ukraine)
- Bookselling in rural areas. G. N. Al'tshim'. *Kniga; iskl. i mat.* 11:33-57 '65.
- A concern for each member of the Komsomol. *Knizh. torg.* 17 no. 6:41 Je '66.
- A forum of enthusiasts. V. Platonov. *Knizh. torg.* 17 no. 6:10-11 Je '66.
- Govorov, A. A. [History of bookselling; a textbook for secondary schools in bookselling and cooperative trade] *Istoriia knizhnoi torgovli; uchebnoe posobie dlia knigo-torgovykh i kooperativnykh tekhnikumov*. Moskva, Kniga, 1966. 202 p.
- Let us inform the masses about the decisions of the party congress. *Knizh. torg.* 17 no. 6:1-3 Je '66.
- A long road. I. Kharitonov. *Knizh. torg.* 17 no. 6:34 Je '66.
- Production of books in the U.S.S.R. and the basic principles of business relations between publishers and booksellers. A. Kuznetsov. *Knizh. torg.* 17 no. 6: 32-34 Je '66.
- The remarkable movement of our time. E. Khomutov. *Knizh. torg.* 17 no. 6:6-8 Je '66.
- The results of an inventory. S. M. Machin. *Knizh. torg.* 17 no. 6:15-16 Je '66.
- Reznikov, B. G. [Organization and techniques of the book trade; with fundamentals of accounting and planning] *Organizatsiia i tekhnika knizhnoi torgovli; s osnovami ucheta i planirovaniia*. Moskva, Kniga, 1965. 271 p. (MI)

- Some results and problems. A. Marin. *Knizh. torg.* 17 no. 6:12-14 Je '66.
- We should buy more books from the people of our cities and villages. B. Alekseev. *Knizh. torg.* 17 no. 6:17-18 Je '66.

BOOKSTORES

- (see also subdivision under Blysk, Altai Territory; Kazakhstan; Khabarovsk; Moscow)
- Let's make use of economic stimuli. G. Brzhezhninskii. *Knizh. torg.* 17 no. 6:22 Je '66.
- A painter's advice. I. Arkhangol'skii. *Knizh. torg.* 17 no. 6:26 Je '66.

BOOTS AND SHOES—MODELS

- Footwear for teen-age girls. V. R. Komarova. *Kozh.-obuv. prom.* 7 no. 2:14-15 F '65.

BOOTS AND SHOES, RUBBER

- Automatic line for continuous vulcanization of porous and monolithic rubber. L. D. Brin, M. S. Monastyrskaya, S. A. Pavlov. *Kozh.-obuv. prom.* 7 no. 2:15-17 F '65.

BORATE CRYSTALS—SPECTRA

- Nuclear magnetic resonance of B¹¹ in polycrystalline borates. N. M. Aleksandrov, V. M. Ushakov. *Vest. LGU* 21 no. 10:61-65 '66.

BORDETELLA

- Mechanism of the cytopathic effect of pertussis microbes on tissue culture. T. N. Remova, M. S. Zakharova, Zhuravnikov, I., epid. i immun. 43 no. 5:69-73 My '66.

BORIDES

- Reduction of 2,4-dinitrophenyl hydrazones of α -keto acids and some aldehydic acids in the presence of boride catalysts. N. S. Geiko and others. *Dokl. AN SSSR* 168 no. 4: 936-941 Je '66.

BORING

- (see also subdivision under Bashkiri; Donetsk Basin; Kursk Magnetic Anomaly)
- Boring of advance holes during upraise drifting. A. F. Ponomarev and others. *Shakht. stroit.* no. 5:25 My '66.

- Ganchev, I. A., P. A. Anatol'evskii, and O. M. Shneerov. [Boring operations in construction] *Proizvodstvo burovykh rabot v stroitel'stve*. Pod obshch. red. N. A. Plotnikova. Moskva, Stroizdat, 1966. 330 p.

- Possibility of substituting shallow-well drilling for the drilling of trenches and bore pits. I. D. Chumakov. *Razved. i okh. nedr.* 32 no. 5:34-35 My '66.

- Practice in drilling a structural-prospecting hole without casing it. I. U. S. Nikoforov. *Razved. i okh. nedr.* 31 no. 10:58-59 O '65.

- Substituting shallow-well drilling for the drilling of trenches and bore pits. A. L. Kovalevskii. *Razved. i okh. nedr.* 32 no. 5:36-37 My '66.

- Tubeless lining of boreholes by the thermal method. B. A. Amelin. *Razved. i okh. nedr.* 32 no. 5:59-60 My '66.

- Using the method of advanced testing of water-bearing horizons. V. K. Vystorop. *Razved. i okh. nedr.* 32 no. 5:50-52 My '66.

- Using the noncompression aeration of drilling liquid in boring holes. L. M. Ivachev and others. *Razved. i okh. nedr.* 31 no. 10:54-56 O '65.

BORING—EQUIPMENT AND SUPPLIES

- Parameters of electrothermal breaking of rocks by commercial-frequency currents. V. V. Rahevskii, I. I. Protasov, V. B. Dobrotsov. *Fiz.-tekh. probl. razrab. pol. iskop.* no. 3:136-138 '65.

BORING—SAFETY MEASURES

- Reducing accidents in deep drilling is the most important problem for prospectors. I. D. Sereenko. *Razved. i okh. nedr.* 32 no. 5:24-27 My '66.

BORING MACHINERY

(see also subdivision under Tyumen' Province)

- Conditions of rotary boring of boreholes. O. D. Alimov, L. T. Dvornikov. *Fiz.-tekh. probl. razrab. pol. iskop.* no. 3:91-96 '65.

- Efficient method for the elimination of the absorption of drilling fluid by quick-setting mixtures. I. I. Raffenko. *Razved. i okh. nedr.* 31 no. 10:24-29 O '65.

- Electric flowmeter for core drilling in prospecting. O. P. Leon'tev, P. M. Brodman, A. N. Bukin. *Razved. i okh. nedr.* 31 no. 10:20-24 O '65.

- Good apparatus is needed. I. D'iachkov. *Neftianik* 10 no. 7:23-24 JI '65.

- Measures for improving the exploitation of elements of a drilling column. L. A. Lachintan, S. A. Ugarov, M. K. Kovalev. *Razved. i okh. nedr.* 31 no. 10:18-16 O '65.

- Orientation of declining wedges using electric inclinometer. A. V. Zaitkin. *Razved. i okh. nedr.* 31 no. 10:56-58 O '65.

- Special diamond bits of TSNIGRI construction. A. V. Kasatoshkin, N. I. Liubimov, V. I. Siadkov. *Razved. i okh. nedr.* 31 no. 10:16-20 O '65.

BORING MACHINERY—EFFICIENCY

- Potentials of increasing the efficiency of boring operations at the Salair mine. G. S. Akent'ev and others. *Dob. i oboz. rud. tsvet. met.* no. 3:15-17 '64.

BORING MACHINERY—ELECTRIC DRIVING

- Power indices of the NETI-1-BM electromechanical hammer drill. P. M. Alabushov, G. F. Kopeikin, B. A. Shekhovtsov. *Fiz.-tekh. probl. razrab. pol. iskop.* no. 3:97-106 '65.

BORING MACHINERY—SAFETY APPLIANCES

- Drilling equipment should be safe. V. Baraz. *Neftianik* 10 no. 7:22-23 JI '65.

BORING MACHINERY—TECHNOLOGICAL INNOVATIONS

- Two valuable suggestions. I. Grebennik. *Neftianik* 10 no. 7:28 JI '65.

BORISLAV REGION (UKRAINE)—GAS, NATURAL—GEOLOGY

- Geology of and prospects for finding oil and gas in the Northern Borislav anticline. M. A. Didenko. *Geol. zhur.* 26 no. 3:66-71 '66.

BORISLAV REGION (UKRAINE)—PETROLEUM GEOLOGY

- Geology of and prospects for finding oil and gas in the Northern Borislav anticline. M. A. Didenko. *Geol. zhur.* 26 no. 3:66-71 '66.

BORON

(see also subdivision under Baikal Lake region)

- Extraction of boron from magnesium chloride solutions by alcohols. G. R. Borovik. *Izv. SO AN SSSR* no. 3. Ser. khim. nauk no. 1:142-143 '66.

- Spectral method of boron determination in tourmaline. V. I. Zablakko, T. I. Kardonen. [Trudy] UNIKHIM no. 11:91-92 '64.

- Spectrum analysis in determining aluminum, iron, silicon, and manganese admixtures in elementary technical boron. V. I. Zablakko, I. B. Bulycheva. [Trudy] UNIKHIM no. 11:82-85 '64.

BORON—ANALYSIS

- Quantitative determination of boron by means of oscillographic polarography. A. G. Voloshin. *Zav. lab.* 32 no. 5:507-510 '66.

BORON ALLOYS—ANALYSIS

- Rapid method of boron determination in the presence of copper. A. K. Kutavkina, G. A. Moschkarova, M. D. Chetverkina. [Trudy] UNIKHIM no. 11:73-77 '64.

BORON—CHROMIUM—CARBON ALLOYS see Chromium—boron-carbon alloys

BORON COMPOUNDS

- Determining carbonic acid-soluble boron compounds in the sinter of datolite ores and lime. A. K. Kutavkina, A. A. Moschkarova. [Trudy] UNIKHIM no. 11:81 '64.

- Kinetics of alkaline hydrolysis of [F₃BONH₂]- and acid hydrolysis of F₃BONH₂. I. G. Ryss, S. L. Idel's, M. B. Buchinskii. *Kin. i kat.* 7 no. 3:540-551 My-Je '66.

- Study of the reaction between triethylboron and methyl borate by the proton magnetic resonance method. B. M. Mikhailov and others. *Izv. AN SSSR. Ser. khim.* no. 6:1117-1118 '66.

BORON FLUORIDES

- Viscosity and density of anisole, phenetole, chlorex and their complexes with BF₃. L. I. Pechalln, G. M. Panchenkov. *Zhur. fiz. khim.* 40 no. 5:1140-1141 My '66.

BORON STEEL—TESTING

- Effect of nickel on the composition of borides in high-boron steel. I. S. Lupakov, I. S. Kuz'michev. *Fiz. met. i metallov.* 18 no. 1:153-155 JI '64.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOSTROM, A., pseud.

- Okilanskii, I. M. [A noisy god-forsaken place; from the life of two writers] *Shumnoe zakhoiust'e; iz zhizni dvukh pisatelei*. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1965. 233 p.

BOTANICAL APPARATUS

- Simplified method for determining the cell concentration in Chlorella suspensions by the optical density of the medium. A. B. Brandt. *Fiziol. rast.* 13 no. 3:537-540 My-Je '66.

- Work with pin-chambers in determining the intensity of photosynthesis. I. V. Krylov. *Fiziol. rast.* 13 no. 3: 541-545 My-Je '66.

BOTANICAL CHEMISTRY

- Akademiia nauk BSSR, Minsk. Institut eksperimental'no-botaniki i mikrobiologii. [Physiological and biochemical studies on plants] *Fiziologo-biohimicheskie issledovaniia rastenii*, Minsk, Nauka i tekhnika, 1965. 113 p.

BOTANICAL GARDENS see subdivision under Pamirs

BOTANICAL RESEARCH

(see also subdivision under Ukraine)

- Festivities of the botanists of the Soviet Union. I. P. Blukhin'. *Ukr. bot. zhur.* 23 no. 3:123-125 '66.

BOTANICAL SOCIETIES see subdivision under Ukraine

BOTANY see subdivision under Arabat Tongue; Lugan District

BOTANY—ANATOMY

- Anatomic and morphologic structure of *Salix polaris* Wahlb. and *Salix phlebophylla* Anders. T. G. Derviz-Sokolova. *Blul. MOIP, Otd. biol.* 71 no. 2: 28-38 Mr-Ap '66.

- Anatomical construction of the root of sea buckthorn. V. G. Melniko. *Lek. i syr. res. Irk. obl.* no. 4:5-13 '65.

- Anatomical structure and histochemical study of *Anemone dioica* D. V. V. Petrova. *Lek. i syr. res. Irk. obl.* no. 4:56-62 '65.

- Anatomical structure and histochemical study of the catchfly *Silene repens* pair! N. P. Kuznetsova. *Lek. i syr. res. Irk. obl.* no. 4:46-54 '65.

- Anatomical structure of *Physoclaina physaloides* (L.) G. Don. V. A. Peshkova. *Lek. i syr. res. Irk. obl.* no. 4: 14-31 '66.

BRATSK HYDROELECTRIC POWER STATION—CONSTRUCTION WORKERS

Polukhin, I. D. [On a level with the birds] Vroven' a pítsam! [Moskva] Molodatsa gvardia, 1966. 222 p.

BRATSK RESERVOIR—ICE

Characteristics of the temperature and velocity regime of the Bratsk Reservoir under ice cover. S. N. Bulatov. Trudy TSIP no. 151:64-81 '65.

BREAD

Preparation of rye-and-wheat bread with liquid intermediate products. A. F. Balbekova. Khleb i kond. prom. 10 no. 5:37 My '66.

BREAD—CONGRESSES

International forum on grain and bread. L. Trifonovskii. Muk. elev. prom. 32 no. 5:9 My '66.

BREAKWATERS

Some results of laboratory studies of the load of obliquely approaching waves on breakwaters. Z. A. Gorashchenko. Trudy SoluzMorNIIProekt no. 8:116-119 '65.

Studying the dying away of waves under the influence of the breakwaters of the port taking into consideration the wave spectrum. G. G. Kuz'minskina. Trudy Soluz-MorNIIProekt no. 8:87-100 '65.

Studying the wave-damping effect of a permeable break-water with the consideration of the wave spectrum. K. M. Pospelova. Trudy SoluzMorNIIProekt no. 8:103-107 '65.

BREAM see subdivision under Siberia

BREAST—CANCER

Petrov, I. V. [Prevention of breast cancer] Preduprezhdeniye raka molochnoi zhelezy. Moskva, Meditsina, 1966. 23 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)

Possibility of fluorescent cytological diagnosis of cancer of the breast. G. A. Arzumandian, M. A. Zeitunian. Zhur. eksper. i klin. med. 6 no. 2:8-13 '66.

Unusual spindle-cell sarcoma of the breast; a single case. L. V. Iagunova, T. K. Gosh. Vop. onk. 12 no. 6: 89-91 '66.

BREATHING see Respiration

BRECHT, BERTOLT, 1898-1956

Leningrad—Warsaw. Teatr 26 no. 10:97 O '64.

BREEDING—CONGRESSES

First All-Union Congress of the Geneticists and Breeders of the U.S.S.R., S. I. Alkhanian. Priroda 55 no. 7:114 '66.

BREMSSTRAHLUNG

Dependence of the asymmetry of the photoeffect of U^{235} on maximum energy of bremsstrahlung. M. A. Kondrat'ko, K. A. Petrzhek. Atom. energ. 20 no. 6:514-516 Je '66.

Determining the electron temperature of a plasma by measurement of soft X-ray bremsstrahlung. V. F. Aleksein and others. Zhur. tekhn. fiz. 36 no. 3:620-625 Ap '66.

BREST—SIEGE, 1941

This is how the heroes fought. Sov. profnoluzny 22 no. 12:24-25 Je '66.

BRIANCHANINOV, IONATII, Bishop, 1807-1876

Brotherly love in the works of Russian prelates. A. Sergeenko. Zhur. Mosk. Patr. no. 4:73-77 '66.

BRICK INDUSTRY

Control of the technological process in the brick industry. L. I. Konovalov. Stroil. mat. 12 no. 2:27-28 F '66.

BRICKS see subdivision under Zhitomir Province

BRIDGE CIRCUITS

Calculation of transient processes in bridge circuits for connecting single-phase magnetic amplifiers. I. I. Bocharov. Trudy LPI no. 259:51-58 '66.

BRIDGES

(see also subdivision under Gorkiy; Kashira, Moscow Province; Leningrad)

Glued bridge of wood and reinforced concrete. P. Rozhko, V. Kulsh. Avt. dor. 29 no. 6:12 Je '66.

BRIDGES—DESIGN AND CONSTRUCTION

(see also subdivision under Kashira, Moscow Province)

Calculations of steel bridges for endurance. K. P. Bol'shakov. Transp. stroil. 10 no. 6:44-47 Je '66.

Construction of the traveled part of bridges without glue waterproofing in regions with a severe climate. V. N. Voronin, N. V. Koloverin. Transp. stroil. 10 no. 6:18-19 Je '66.

Evaluating the economic effectiveness of bridge elements. T. A. Skrabina. Trudy MHT no. 227:21-20 '66.

BRIDGES—FOUNDATIONS AND PIERS

(see also subdivision under Afghanistan)

Calculations of abutments. F. G. Karmanov, I. G. Kotler. Transp. stroil. 16 no. 6:42-44 Je '66.

BRIDGES, ALUMINUM—DESIGN AND CONSTRUCTION

Some problems in designing aluminum alloy drawbridges. S. A. Popov. Trudy MHT no. 227:91-108 '66.

BRIDGES, ALUMINUM—SPECIFICATIONS

Basic regulations of the technical specifications for designing aluminum alloy bridges; supplementing and changing Standard Specifications 200-62. S. A. Popov. no. 227:29-67 '66.

BRIDGES, CONCRETE

Gibshman, M. E. [Theory and calculation of prestressed reinforced-concrete bridges considering protracted deformations] Teoriya i raschet predvaritel'no napriazhennykh zhelezobetonnykh mostov s uchetom dlitel'nykh deformatsii. Moskva, Transport, 1966. 335 p.

BRIDGES, CONCRETE—TESTING

Investigating the preservation of reinforcements in bridges. E. I. Shul'man, E. V. Krivoshei. Avt. dor. 29 no. 2:24-26 F '66.

BRIDGES, IRON AND STEEL

Class S-80 high-strength steel as a material for bridges. N. I. Novozhilova, S. A. Popov. Trudy MHT no. 227: 5-20 '66.

BRINES see subdivision under Kara Kum region

BRIQUETS (FUEL)

Krapchin, I. P. [Expansion of the coal briquet industry in the U.S.S.R.] Razvitiye uglebriketnoi promyshlennosti SSSR. Moskva, Nauka, 1966. 134 p.

BROACHING MACHINES

Broaches for contour broaching of splined shafts and pinions. F. P. Malikov. Mashinostroitel' no. 6:24-25 Je '66.

BROACHING MACHINES—VIBRATION

Increasing the resistance to vibration of horizontal broaching machines. E. A. Markin. Stan. i instr. 37 no. 6:1-3 Je '66.

BROMINE

Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part I: Reaction of propyl and isopropyl hydroperoxides with hydrogen bromide and bromine in the gas phase. A. I. Porokova, V. V. Voevodskii, A. B. Nalbandian. Arm. khim. zhur. 19 no. 2:83-88 '66.

BROMOPLATINATES

Stability of a hexabromoplatinate ion in aqueous solutions. V. I. Dubinskii, V. M. Shul'man. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:32-36 '66.

BRONCHI—TUMORS

Bronchial adenoma; clinical aspects, diagnosis and surgical treatment. A. A. Gadzhiev, A. A. Voronov, V. N. Vasil'ev. Vop. onk. 12 no. 6:9-9 '66.

BROTHERHOODS see subdivision under Ukraine

BROUKA, PIATRUS', 1905—BIBLIOGRAPHY see

Bibliography—Brouka, Piatrus', 1905-

BROWN-TAIL MOTH

Studying the effect of damage by the brown-tail moth and the gypsy moth to the increment of oaks. L. V. Liapchenkov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2: 45-47 '66.

BRUCELLA—CULTURES AND CULTURE MEDIA

Properties of the cultures of Brucella isolated from farm animals. L. F. Tyshina. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6:92-97 Je '66.

BRUCELLOSIS—PREVENTIVE INOCULATION

Results of brucellosis eradication under specially complicated epizootic conditions including dry, live brucellosis vaccine from strain No. 10 into the complex of measures. P. S. Lazarev, N. P. Lazarev, V. A. Domina. Trudy TVI 9:115-121 '65.

Significance of regional lymph nodes in the immunogenesis of rabbits immunized with dry live brucella vaccine. V. S. Stepin. Zhur. mikrobiol., epid. i immun. 43 no. 5:93-98 My '66.

BRUSHES, ELECTRIC

Livshits, P. S. [Operation of electrical machinery brushes in metallurgical plants] Eksploataatsiya elektroschetok v metallurgicheskoi promyshlennosti. [Moskva] Metallurgiya, 1966. 197 p.

BRYANSK—CHILDREN'S CLUBS

May you have a fair wind, dear "Parus!" V. Kal'mbakh. Nar. obr. no. 7:48 Ji '66.

BRYANSK—LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

Lanin, G. I., and V. D. Kolin. [D-543 loader with hydraulic control; practices of the Bryansk Road Machinery Plant] Pogruzhik D-543 s gidravicheskimi upravleniem; opyt Bryanskogo zavoda dorozhnykh mashin. Moskva, Izd-vo lit-ry po stroit., 1965. 32 p.

BRYANSK PROVINCE—AGRICULTURE—STUDY AND TEACHING

A district party committee and agricultural specialists. I. Makushenko. Part. zhizn' no. 14:27-20 Ji '66.

BRYANSK PROVINCE—FLOUR MILLS

Practices in operating an apparatus for rapid conditioning of grain before milling. Kh. Pogosian. Muk. elev. prom. 32 no. 5:11-12 My '66.

BRYANSK PROVINCE—LIBRARY SCHOOLS AND TRAINING

A province library tries to raise the qualifications of its personnel. V. F. Antoshina. Bibliot. SSSR no. 30:112-122 '65.

BRYANSK PROVINCE—RETAIL TRADE—MANAGEMENT

Useful initiative. V. Ivanov, K. Petisova. Sov. torg. 39 no. 6:38-39 Je '66.

BUCKWHEAT

(see also subdivision under Kuybyshev Province)

Example of leading farms. I. Elagin. Zakup. sel'khoz. prod. no. 5:31-32 My '66.
What the results of the year teach. D. Teniaev. Zakup. sel'khoz. prod. no. 5:30-31 My '66.

BUD-MOTH

The bud moth Tmetocera ocellana F., a pest in orchards of southern Kazakhstan. I. P. Gudkov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5: 88-100 My '66.

BUDGET

(see also subdivision under Canada; Tyumen' Province)
The economic reform and budget. S. Sitarlan. Fin. SSSR 40 no. 8:12-20 Je '66.
The state budget and agricultural development. R. Gumeirov. Fin. SSSR 40 no. 5:27-35 My '66.

BUDNYI, SIMON, d. 1593

Simon Budnyi and the early printers of Russian books. G. I. Golichenko. Kniga; issl. i mat. 10:146-161 '65.

BUDS

Development of the vascular bundle in leaves of common lilac (Syringa vulgaris L.) and horse chestnut (Aesculus hippocastanum L.). G. M. Borisovskaya. Vest. LGU no. 9:49-60 '66.

Time of bud setting and formation in some trees. M. A. Efimova. Uch. zap. Ped. inst. Gerts. 310 224-237 '66.

BUFFALOES

Changes in the composition of buffalo butterfat and its hardening capacity. G. V. Tverdokhlebo, M. M. Merzametov. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3: 48-53 '66.

BUG VALLEY—MINERALS

Schuchardite from the weathering surface of ultrabasites in the Bug Valley. A. D. Dadatko. Dop. AN URSS no. 6: 819-821 '66.

BUGURUSLAN OIL FIELD—OIL FIELD FLOODING

The office has been established and things are going well. I. Chernushanov. Neftianik 10 no. 7:12-13 Ji '65.

BUILDING see subdivision under Bashkiria

BUILDING—ESTIMATES

Improve the planning and estimate work. F. Nazarov. Plan. khoz. 43 no. 7:69-76 Ji '65.

Russia (1923- U.S.S.R.) Gosudarstvennyi geologicheskii komitet. [Collection of uniform, regional standard estimates for geological prospecting operations] Sbornik odinnykh poratnykh ednichnykh raschenok na geologorazvedochnye raboty. Moskva, Karipredpriyat' VGF. No. 10. [Construction of temporary buildings and structures] Postroika vremennyykh zdani i sooruzhenii. [2., Ispr. i dop. izd.] 1965. 401 p.

BUILDING—HYGIENIC ASPECTS

Respublikanskaya konferentsiya po gigiene planirovki i grazhdanskogo stroitel'stva, Moscow. [Transactions of the Republic Conference on the Hygienic Aspects in Planning and Constructing Residential and Municipal Buildings] Trudy. Moskva, Mosk. nauchno-issl. in-t giigieny, 1964. 103 p.

BUILDING—QUALITY CONTROL see subdivision under Odessa Province

BUILDING—TECHNOLOGICAL INNOVATIONS see subdivision under Latvia

BUILDING, WOODEN

Gosudarstvennyi nauchno-issledovatel'skiy muzei arkhitektury imeni A. V. Shchuseva. [Russian wood architecture]. Russkoe dereviannoe zochestvo. Moskva, Sovetskii Khudozhnik, [1965] 21 p. 85 illus. [In Russian and English]

Russia (1923- U.S.S.R.). Gosudarstvennyi komitet po delam stroitel'stva. [Uniform norms and estimates for construction, assembly, and repair work] Edaye normy i raschenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty. Moskva, Stroiizdat.

Sbornik 6. [Carpentry and joinery work] Plotnichnye i stolarnye raboty.

No. 3. [Manufacture of wooden structural elements and parts] Izgotovlenie derevannykh konstruktsii i detalей. 2., ispr. i dop. Izd. 1965. 95 p.

BUILDING AND LOAN ASSOCIATIONS

Legal problems in the financial operations of cooperative residential building associations. I. Gurevich. Sov. iust. 30 no. 13:23-24 JI '66.

BUILDING LAWS

Legal problems in the financial operations of cooperative residential building associations. I. Gurevich. Sov. iust. 30 no. 13:23-24 JI '66.

Some legal problems concerning the preparation of designs and plans. IU. Krychevskiy. Rad. pravo 20 no. 6:40-48 Je '66.

BUILDING MATERIALS

(see also subdivision under Donets Basin; White Russia)

Automatic control of the heat treatment of articles in the piling machine. I. L. Vinogradov. Mekh. i avtom. proizv. 20 no. 6:9-11 Je '66.

Krotov, V. R. [Building materials] Stroitel'nye materialy. Moskva, Lesnaya promyshlennost', 1966. 220 p.

Slobodanik, I. A. [Building materials and products] Stroitel'nye materialy i izdeliia. Izd. 3., perer. i dop. Kiev, Budivelnik, 1966. 439 p.

BUILDING MATERIALS—CONGRESSES

Fourth Conference on the Static and Dynamic Strength of Materials and Construction Elements at High Temperatures. IU. A. Koshalov, L. V. Kravchuk. Dop. AN USSR no. 6:835-836 '66.

BUILDING MATERIALS—TRANSPORTATION

(see subdivision under Crimea)

BUILDING MATERIALS INDUSTRY

Advanced practices are industry's greatest potential. Stroi. mat. 12 no. 2:1-2 F '66.

Diplomas and medals at the Exhibition of the Achievements of the National Economy of the U.S.S.R. Stroi. mat. 12 no. 2:36 F '66.

In the Ministry of the Building Materials Industry of the U.S.S.R. Stroi. mat. 12 no. 2:13 F '66.

BUILDING MATERIALS INDUSTRY—ACCOUNTING

(see subdivision under Donets Basin)

BUILDING MATERIALS INDUSTRY—LABOR

PRODUCTIVITY
Growth of labor productivity in the building ceramics industry. B. M. Gartsman, Stek. i ker. 23 no. 6:40-42 Je '66.

BUILDING MATERIALS INDUSTRY—MANAGEMENT

and potentialities of the growth of exemplified by the precast reinforcement. N. D. Smirnov. Uch. zap. 20 no. 1:1-2 Je '66.

REPAIR

repair of buildings, kom. khoz. 16

BUILDINGS, PREFABRICATED

(see also subdivision under Europe, Western)

Urgent problems of improving large-panel housing construction. E. E. Plotnikov. Transp. stroi. 18 no. 6:28-29 Je '66.

BULBOCODIUM

(see subdivision under Podgorenskiy District)

BULGARIA—ARBITRATION AND AWARD

Work organization in the arbitration agencies of the People's Republic of Bulgaria. V. V. Makarov. Sov. gos. i pravo 36 no. 7:125-126 JI '66.

BULGARIA—BIBLIOGRAPHY

[New literature on Bulgaria] Nov. lit. po Bolg. no. 5 '66.

BULGARIA—DESCRIPTION AND TRAVEL

Solouchin, V. A. [Savie notebook; selected studies] Slavianskaya tetrad', izbrannye etudy. Moskva, Sovetskaya Rossiya, 1965. 148 p. (NcU)

BULGARIA—EDUCATION

Bulgarian schools in the 1965/66 school year. G. Kasvin. Nar. obr. no. 7:80-95 JI '66.

BULGARIA—GERMANIUM

Conditions governing the accumulation of germanium in the process of hydrothermal ore formation as revealed by a study of a copper pyrite-type deposit in Bulgaria. G. I. Terziev. Geokhimiia no. 4:453-458 Ap '66.

BULGARIA—GRANITE—ANALYSIS

Content of lithium, rubidium, and cesium in the granites of Trigrad (southern Bulgaria). L. A. Ratiev. Geokhimiia no. 10:1054-1067 O '64.

BULGARIA—ORE DEPOSITS

Conditions governing the accumulation of germanium in the process of hydrothermal ore formation as revealed by a study of a copper pyrite-type deposit in Bulgaria. G. I. Terziev. Geokhimiia no. 4:453-458 Ap '66.

BULGARIA—PASTEURELLA

Study of strains of tularemia microbes isolated in Southern Europe. N. G. Oaul'ev, O. S. Emel'yanova, Zhur. mikrobiol., epid. i immun. 43 no. 5:3-1 My '66.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA

Irreplaceable avant-garde. M. Grigorov. Agitator no. 8:20-25 Ap '64.

BUNT (DISEASES OF WHEAT)

(see Smula)

BURDENKO, NIKOLAI NILOVICH, 1866-1946

N. N. Burdenko, an outstanding scientist in the field of military medicine; on the 90th anniversary of his birth. S. M. Bagdasarian. Voen.-med. zhur. no. 6: 91-92 Je '66.

BURDO, IVAN KONDRAT'EVICH, 1900-

Work with fighting vigor. Avtom., telem. i sviaz' 10 no. 5:32 My '66.

BURMA—DESCRIPTION AND TRAVEL

In the land of the shans. V. Dunayev. Nov. vrem. 24 no. 27:30-32 JI '66.

BURMA—IRRIGATION

At the foot of the Chemolitau. IU. Lugovskoi. Az. i Afr. seg. 10 no. 7:30-31 JI '66.

BURMA—TECHNICAL ASSISTANCE, RUSSIAN

At the foot of the Chemolitau. IU. Lugovskoi. Az. i Afr. seg. 10 no. 7:30-31 JI '66.

BURNERS

Aerodynamic studies of pulverized coal burners under field conditions using models. A. U. Lipeta, G. V. Gromov, A. G. Ivanov. Energomashinostroneniye 12 no. 5:21-23 My '66.

Some problems of the design of a centrifugal burner. B. V. Novikov. Teploenergetika 13 no. 5:81-84 My '66.

BURNS AND SCALDS

Bacteriological examinations in the process of treating persons with burns. M. A. Iakovlev. Voen.-med. zhur. no. 5:35-38 My '66.

Characteristics of hospital contingents of patients with burns. V. N. Shein. Voen.-med. zhur. no. 12:11-14 D '65.

Dynamics of sorptive properties of some internal organs following combined action of the whole-body gamma irradiation and burn. E. P. Stepanov. Radiobiologiya 6 no. 3:349-352 '66.

Grave chemical and thermal burns of the larynx. G. S. Beder. Voen.-med. zhur. no. 12:87-89 D '65.

Mechanisms of changes in the respiratory and cardiovascular reflexes from the lungs in burns caused by the steam of boiling water. R. U. Loga. Bul. eksp. biol. i med. 61 no. 6:331-333 Je '66.

Principles of the treatment of wounds combined with burns; a review of the literature. V. V. Vlasov. Voen.-med. zhur. no. 5:31-35 My '66.

Skin autografting with the aid of dermatome following extensive and deep thermal burns. N. A. Zolotukhin. Voen.-med. zhur. no. 12:14-15 D '65.

Use of sodium thiosulfate in burn shock. E. I. Paris. M. G. Pelisov. Voen.-med. zhur. no. 5:38-40 My '66.

BURYAT A. S. S. R.—AGRICULTURAL POLICY

Agrarian policy of the prerevolutionary government in Buryatia during the period of imperialism. N. R. Manchutov. Trudy BKNII no. 10:57-72 '62.

BURYAT A. S. S. R.—AGRICULTURE—STUDY AND TEACHING

Improving the work of school farming brigades in the Buryat A. S. S. R. N. G. Kravopovitsov. Uch. zap. Bur. gos. ped. inst. no. 24:113-143 '61.

BURYAT A. S. S. R.—COOPERATIVE SOCIETIES

History of Soviet trade and integral cooperative societies in northern Buryatia. A. S. Shubin. Trudy BKNII no. 10:92-98 '62.

BURYAT A. S. S. R.—CORN (MAIZE)

Effect of ultrasonic treatment of seeds on the growth, development, and yield of corn. V. A. Bernshein, O. S. Aydeeva. Uch. zap. Bur. gos. ped. inst. no. 24:20-33 '61.

BURYAT A. S. S. R.—ECONOMIC CONDITIONS

The estate of I. I. Pirozhkov, a Buryat nobleman, in the second half of the 19th century. I. A. Asakhanov. Trudy BKNII no. 10:141-155 '62.

BURYAT A. S. S. R.—HISTORICAL RESEARCH

Some problems relating to the study of Buryat history in the light of the decisions of the 22d Congress of the CPSU. TS. O. Oshirov. Trudy BKNII no. 10:3-11 '62.

BURYAT A. S. S. R.—HISTORY—SOURCES

Heroic deeds of Buryat servicemen in the front-line regions of the Great Patriotic War; documentary materials. A. K. Zolotov. Trudy BKNII no. 10:84-91 '62.

"Register of the landed estates of Selenga District." E. M. Zaikand. Trudy BKNII no. 10:157-168 '62.

BURYAT A. S. S. R.—HONEY PLANTS

Honey plants of Buryatia. I. A. Starkov. Uch. zap. Bur. gos. ped. inst. no. 24:3-10 '61.

BURYAT A. S. S. R.—NATIVE RACES

Origin of the Khamnigan tribe in the Onon Valley. O. G. Damiyev. Trudy BKNII no. 10:169-178 '62.

BURYAT A. S. S. R.—PEASANTRY

Organization and unity of poor peasants in the Buryat A. S. S. R. in 1926-1929. G. L. Sanzhiev. Trudy BKNII no. 10:27-37 '62.

BURYAT A. S. S. R.—REVOLUTION, 1917-1921

The cultural development of Buryatia during the October Revolution. P. T. Khaptuev. Trudy BKNII no. 10:39-46 '62.

Proclaiming and antiaimov movements. P. T. Khaptuev. Trudy BKNII no. 10:99-110 '62.

BURYAT A. S. S. R.—STOCK AND STOCKBREEDING—STUDY AND TEACHING

From the experience in conducting practical work in animal husbandry in grade 9 of some rural schools of the Buryat A. S. S. R. G. A. Zarutskaya. Uch. zap. Bur. gos. ped. inst. no. 24:145-155 '61.

BURYAT A. S. S. R.—SWANS

Nesting of the whooper swan in Buryatia. G. K. Ivanov. Uch. zap. Bur. gos. ped. inst. no. 24:79-81 '61.

BURYAT A. S. S. R.—VETERINARY PARASITOLOGY

Outline of the development of regional parasitology in the Buryat A. S. S. R. S. M. Machal'skii. Uch. zap. Bur. gos. ped. inst. no. 24:35-49 '61.

BURYAT ANTIQUITIES

Ancient Buryat burial grounds on Ol'khon Island. A. I. Kazantsev, P. P. Khoroshikh. Trudy BKNII no. 10: 179-188 '62.

BUS CONDUCTORS (ELECTRICITY)

Zolov, B. K. [Aluminum wires, cables and ladders] Aluminiyevye provoda, kabl'i i ladders. Moskva, Energiya, 1966. 84 p. (Biblioteka elektromontera, no. 187)

BUSINESS—FORMS, BLANKS, ETC.

(see subdivision under Murmansk Province)

BUSINESS ENTERPRISES

Fault as the basis of contract liability of a successful enterprise. F. L. Rabinovich. Sov. gos. i pravo 36 no. 6:30-37 Je '66.

BUSINESS MATHEMATICS

Maslov, P. P. [Technique of working with figures; practical exercises] Tekhnika raboty s tsiframi: prakticheskie ukazaniia. Izd. 2., ispr. i dop. Moskva, Statistika, 1966. 107 p.

Mathematical methods in the solution of economic problems. L. Kantorovich. Kommunist 43 no. 10:61-73 JI '66.

BUSLAEV, FEDOR IVANOVICH, 1818-1897

New pages of F. I. Buslaev's memoirs. E. V. Ponomareva. Trudy iust. etn. 61:245-261 '65.

BUTADIENE

Chemistry of unsaturated compounds. Part 1: Addition of 2, 3-dichlorotetrahydrofuran to 2-chloro-1, 3-butadiene and conversions of trichloride obtained. S. A. Vartanian, A. O. Tosunian, R. A. Kuroian. Zhur. org. khim. 2 no. 4:610-615 Ap '66.

Preparation of dienes by dehydrogenation of the products of liquid-phase oxidation of olefins. M. R. Mamedov et al. others. Neftekhimiia 6 no. 2:237-241 Mr.-Ap '66.

Turninev, I. I. [Physicochemical and technological principles of the production of butynyl from butane and butylene] Fiziko-khimicheskie i tekhnologicheskie osnovy polucheniia divinita iz butana i butilena. Moskva, Khimiia, 1966. 179 p.

BUTADIENE POLYMERS

Special features of the heterogeneous catalytic hydrogenation of polymers as exemplified by sodium polybutadiene. A. I. Akubchik and others. Vest. LGU 21 no. 10:156-159 '66.

- BUTADIENE**
1,2-Bipolar addition to unsaturated compounds. Part 15: Addition of nitrile N-oxides and nitrilimines to diacetylene homologs. L. B. Sokolov and others. Zhur. org. khim. 2 no. 4:615-619 Ap '66.
- BUTAKOV, ALEKSEI IVANOVICH, 1816-1869**
A. I. Butakov, explorer of the Aral Sea; on the 150th anniversary of his birth. V. V. Khlopov. Izv. Vses. geog. ob-va 98 no. 3:265 My-Je '66.
- BUTANE**
Continuous process of n-butane liquid-phase oxidation. M. G. Bulygin, E. A. Dikunov, N. M. Bimamul', Neftekhimika 6 no. 2:203-210 Mr-Apr '66.
Isolation of methyl ethyl ketone and ethyl acetate from a mixture of products of n-butane liquid-phase oxidation. E. B. Chizhov and others. Neftekhimika 6 no. 2:211-218 Mr-Apr '66.
Photochemical chlorination of n-butane and butyl chlorides. A. I. Gershenovich, V. M. Koshtchenko, Zhur. prikl. khim. 39 no. 5:1160-1168 My '66.
- BUTANEDIAMINE—EFFECT ON PLANTS** see Plants, Effect of butanediamine on
- BUTANOL**
Solubility and density of the system potassium iodide-glycerol - n-butanol. A. V. Oryshchenko, O. H. Artemchenko. Dop. AN URSS no. 5:619-623 '66.
- BUTENENTRILE**
Reaction of α -amino acids with allyl cyanide and crotonitrile. P. F. Butskus, A. I. Butskens, Zhur. org. khim. 2 no. 4:600-602 Ap '66.
- BUTTERFAT**
Changes in the composition of buffalo butterfat and its hardening capacity. G. V. Tyerokhleb, M. M. Merzametov. Izv. vys. ucheb. zav.; plishch. tekhn. no. 3: 48-53 '66.
Quantitative determination of the fatty acid content of butterfat. A. P. Belousov, M. F. Kurkova, V. N. Bakshcheva. Izv. vys. ucheb. zav.; plishch. tekhn. no. 3: 44-47 '66.
- BUTTONS**
Moscow. Tsentral'nyi institut nauchno-tekhnicheskoi informatsii legkoi promyshlennosti. [Process of shaping elastic buttons directly on clothing] Process formovaniia pugevits iz plastmass neposredstvenno na shveinykh izdeliakh. Moskva, 1965. 13 p. (Obzor)
- BUTYL RUBBER**
High-frequency unit for automatic control of a catalyzer solution in butyl rubber production. V. A. Falin, V. A. Zarinskii, A. F. Volkov. Zav. lab. 32 no. 5:635-637 '66.
- BUTYRALDEHYDE**
Butyraldehyde and isobutyraldehydes in the products of propylene hydroformylation. K. A. Alekseeva and others. Neftekhimika 6 no. 2:278-281 Mr-Apr '66.
Crotonic condensation of n-butyraldehyde in the presence of a rhodium catalyst. I. A. T. Eldin and others. Neftekhimika 6 no. 2:282-285 Mr-Apr '66.
Effect of pressure on the radical polymerization of styrene in solution. Report No. 2: Polymerization in parobutyraldehyde, butyraldehyde, and their mixtures. V. M. Zhulin, M. G. Gongberg, V. N. Zagorzhina. Izv. AN SSSR. Ser. khim. no. 6:997-1001 '66.
- BUTYRIC ACID**
Beta-aminobutyric acid content in the liver of irradiated rats. V. K. Mazurik. Radiobiologiya 0 no. 3:482-483 '66.
- BUTYRIC ACID—THERAPEUTIC USE**
Use of derivatives of γ -aminobutyric acid in psychiatric practice. V. M. Banskikhov, F. V. Derzhin. Zhur. nevro. i psikh. 60 no. 5:763-767 '66.
- BUTYRIC ACID—THERMAL PROPERTIES**
Synthesis of γ , γ -diphenylbutyric acid esters and study of their thermal oxidation stability. M. G. Rudenko, I. U. P. Sobolev. Neftekhimika 6 no. 2:312-318 Mr-Apr '66.
- BUTYRONITRILE**
Study of the conditions of synthesis of butyronitrile on sintered iron catalysts. F. I. Novak and others. Neftekhimika 0 no. 2:297-301 Mr-Apr '66.
- BUZULUK REGION (ORENBURG PROVINCE)—FOREST INSECTS**
Ecologic characteristics of pine bug *Aradus cinnamomeus* in the Buzuluk forest. G. I. Andreeva, V. F. Razumova. Sbor. rab. MLTI no. 11:95-104 '64.
- BUZULUK REGION (ORENBURG PROVINCE)—PINE—DISEASES AND PESTS**
Torso canker *Pseudomonas pin* in the Buzuluk pine forest. N. N. Sotolnik. Sbor. rab. MLTI no. 11:105-108 '64.
- BYKHOVER, NATAN ARONOVICH, 1900-**
Natan Aronovich Bykhover; on his 60th birthday. Razved. i okh. nedr. 32 no. 5:63 My '66.
- BYKHOVSKAIA, GINDA KHAIMOVNA, 1896?-1966?**
G. Kh. Bykhovskaia; an obituary. Zhur. nevro. i psikh. 66 no. 7:1125 '66.
- BYURAKAN (ARMENIA)—ASTRONOMY—OBSERVATIONS**
Byurakan Astrophysical Observatory. V. A. Ambartsumian, N. L. Ivanova. Priroda 55 no. 7:41-49 '66.
- BYZANTINE STUDIES** see subdivision under Germany, East
- CABBAGE—DISEASE AND PEST RESISTANCE**
Activity of NAD-H₂-cytochrome-c-reductase in cabbage tissues both intact and infected by *Botrytis cinerea*. V. A. Aksenova, Z. I. Kakhvan'ski. RA Rubin. Dokl. AN SSSR 168 no. 4:951-954 Je '66.
- CABBAGE—FERTILIZERS AND MANURES** see subdivision under Moscow Province
- CABLES—STORAGE** see subdivision under Mingechar (Azerbaijan)
- CADDIS FLIES**
Glands of caddis fly larvae. Report No. 2. Gilson's glands. S. N. Zarechnaia. Trudy Inst. biol. vnutr. vod. no. 8:113-117 '65.
- CADMIUM—INCLUSIONS**
Redistribution of impurities in commercial cadmium under the effect of repeated hardening and their role in the formation of porositics. A. P. Savitskii, L. K. Savitskaya. Fiz. met. i metalloved. 18 no. 1:55-61 Ji '64.
- CADMIUM, EFFECT OF TEMPERATURE ON**
Redistribution of impurities in commercial cadmium under the effect of repeated hardening and their role in the formation of porositics. A. P. Savitskii, L. K. Savitskaya. Fiz. met. i metalloved. 18 no. 1:55-61 Ji '64.
- CADMIUM—ANTIMONY ALLOYS—METALLOGRAPHY**
Phase transformations in alloys of the system Sn-Cd-Sb. V. I. Psnrev, K. A. Dobryden'. Fiz. met. i metalloved. 18 no. 1:47-54 Ji '64.
- CADMIUM PLATING**
Roughness of electrodeposited cadmium as dependent on the thickness of coating. N. P. Gausin, N. A. Kovarskii. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1: 150-152 '66.
Roughness of zinc and cadmium coatings and its relation to cathodic polarizability. N. A. Kovarskii, N. P. Gausin. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:152-155 '66.
- CALANOIDA** see subdivision under Rybinsk Reservoir
- CALCITE—SPECTRA**
Temperature behavior of the width of the line 1085 cm⁻¹ in calcite. I. A. Gorbatov, B. M. Nosenko. Opt. i spekt. 20 no. 5:828-831 My '66.
- CALCIUM—ANALYSIS**
Chromometric determination of small amounts of calcium and of oxalate anions. L. T. Martynenko. Zhur. anal. khim. 21 no. 5:639-641 '66.
Direct potentiometric determination of calcium and manganese by successive titration with complexon III. M. T. Berkovich, A. M. Sirina. [Trudy] UNIKHIM no. 11: 30-45 '64.
- CALCIUM—EFFECT ON PLANTS** see Plants, Effect of calcium on
- CALCIUM ALUMINATES**
Separation of calcium hydroaluminates from alkali aluminate solutions and their decomposition. P. V. Iashunin and others. Zhur. prikl. khim. 39 no. 5:988-993 My '66.
- CALCIUM BORATES**
Determining iron and silicon dioxide admixtures in technical calcium borate. A. G. Kutarkina, A. A. Moshkina, M. D. Chetverkina. [Trudy] UNIKHIM no. 11:78-80 '64.
- CALCIUM CARBONATE**
Dilatometric investigation of the decomposition of calcite and the carbonization of the oxide. V. M. Zhikharev, E. S. Vorontsov, K. V. Nenakhova. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:34-40 '66.
- CALCIUM HYDROXIDE**
Composition of the solid products of interaction of β -spodumene with a mixture of sodium and calcium hydroxide solutions. F. F. Barkova. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:117-120 '66.
- CALCIUM HYPOCHLORITE**
Action of calcium hypochlorite on ethylene oxide and its derivatives. M. M. Movsumzade, N. G. Abdullayev. Azerb. khim. zhur. no. 2:91-96 '64.
- CALCIUM IN THE BODY**
Histochemical characteristics of potassium and calcium of the conjunctiva in trachoma. P. S. Melik-Aslanova. Trudy Azerb. nauch. -issl. inst. oft. 4:13-16 '63.
- CALCIUM PHOSPHATES**
Determining phosphite-ion in a mixture with hypophosphites and large quantity of calcium phosphate. V. M. Masalovich, L. A. Tarnanova, F. I. Miltshstein. [Trudy] UNIKHIM no. 11:95-97 '64.
- CALCIUM SILICATES**
Interaction of sodium aluminate with diacalcium silicate. E. I. Khazanov, S. A. Stakheeva, G. V. Kuz'mina. Syr. res. leg. met. Vost. Sib. 5:11-17 '65.
Physicochemical processes in the system CaO - SiO₂ - H₂O - electrolytes. P. P. Budnikov, R. D. Azolit'skaya, N. A. Prikhodchenko. Zhur. prikl. khim. 39 no. 5: 1188-1190 My '66.
- CALCULI, BILIARY**
Intrahepatic calculi. I. M. Topchibashev. Trudy Inst. eksp. i klin. khir. i gernet. AN Gruz. SSR 8:263-268 '59.
- CALCULI, URINARY**
Changes in the motor capacity of the renal pelvis and the ureter in nephrolithiasis. A. Z. Gzirishvili. Trudy Inst. eksp. i klin. khir. i gernet. AN Gruz. SSR 8:297-313 '59.
- CALCULUS**
Piskunov, N. S. [Differential and integral calculus for technical institutions of higher education] [Differentsial'noe i integral'noe ischisleniia dlia vtuzov. Moskva, Nauka, Vol. 2. Izd. 7. 1966. 312 p.]
- CALCULUS OF TENSORS**
An additive representation of the Ricci tensor of the p-surface of a Euclidean space. V. T. Bazylev. Sib. mat. zhur. 7 no. 3:490-511 My-Je '66.
Tensor forces in paired interaction. L. A. Shv, I. U. I. Kharkonov. Izv. AN SSSR. Ser. fiz. 30 no. 7:1086-1088 Ji '66.
- CALCULUS OF VARIATIONS**
Analytical functions and variation principles in the theory of hard-plastic solids. G. I. A. Guni, P. I. Polukhin. Trudy MEI no. 61 pt. 1:195-201 '65.
- CALIBRATION—EQUIPMENT AND SUPPLIES**
Device for graduating scales and dilals. S. F. Bogomolov. Stan. i instr. 37 no. 5:43 Je '66.
- CALIFORNIA—CRIME AND CRIMINALS**
Manners of the "free world": Gunshots in California. G. Tarasova. Nov. vrem. 24 no. 26:23 Je '66.
- CALORIMETRY**
Some errors of calorific methods for measuring heat currents. O. V. Rivin, N. D. Kosov. Probl. teploenerg. i prikl. toplofiz. no. 2:193-199 '65.
- CALVES—DISEASES AND PESTS**
Results of streptomycin treatment for noninfectious pneumonia in calves. N. I. Sumerakii. Sbor. nauch. rab. stud. Ser. zootekh.-vet. inst. 3:56-57 '65.
- CAMBODIA—POLITICS AND GOVERNMENT**
Independence is the goal of Cambodian policy. I. Le-boda. Az. i Afr. seg. 9 no. 6:28-29 Je '66.
- CAMERA, ELECTRON DIFFRACTION** see Electron diffraction examination
- CAMERAS** see subdivision under Krasnogorsk
- CAMS**
Mathematical investigations of the cam mechanism and methods for determining the angle of pressure. G. G. Shaumian. Izv. vys. ucheb. zav.; mashinost. no. 4: 9-13 '66.
Synthesis of mechanisms with forward moving cams by the extreme angle of pressure. P. V. Sergeev. Vost. mashinost. 46 no. 5:42-43 My '66.
- CANADA—BUDGET**
Budget of Canada. G. Volkova. Fin. SSSR 40 no. 5:82-85 My '66.
- CANADA—COMMUNIST PARTY**
Growing influence of the Communist Party; the 10th Congress of the Communist Party of Canada. Part. zhizn' no. 13:72-73 Ji '66.
- CANADA—ECONOMIC CONDITIONS**
The U.S.A., the most important country of present-day imperialism. Canada. R. Gridasov. Komm. Vooruzh. Sil 47 no. 14:77-82 Ji '66.
- CANADA—SOCIAL CONDITIONS**
Feofanov, O. A. [Happiness on credit; sketches on Canada] Schast'e v kredit; ocherki o Kanade. 2., oboimennoe i dop. izd. [Moskva, Politizdat, 1966] 318 p.]
- CANADA—UKRAINIANS**
Kalendar Ukrain'skoho Holosu. [Jubilee calendar-almanac of the "Ukrains'kyi Holos" for 1966; dedicated to the 75th anniversary of the first Ukrainian settlement in Canada and the 50th anniversary of Ivan Franko's death] IUVleinyi kalendar-al'manakh Ukrain'skoho Holosu; pryvslachenyi 75-littu ukrain'skoho poselen-nia v Kanadi i 50-littu z dnia smerti Ivana Franka. Na zvychnykh rkh 1966. Winnipeg, Nakl. i drukom Vydavnychoi spilky "Trizub," 1966. 190 p.]

CANALS see also Kyzhetken Canal; Tashsaka Canal; Voiga-Don Canal

CANCER

(see also subdivision under Moscow Province)

Changes in the oxygen tension in normal tissues and in sarcoma-45 in rats during regional anoxia. IU, I. Rannan. Med. rad. 11 no. 6:30-35 My '66.

Optimal energy of incident neutrons in neutron-capture therapy. IU, S. Rishuklin. Med. rad. 11 no. 6:9-13 Je '66.

Results of clinical study of benzodet and etoxybenzodet. B. A. Kosarev. Vop. onk. 12 no. 6:51-56 '66.

CANCER—TRANSPLANTATION

Implantation of ascitic tumor cells into the peritoneum. IU, A. Rovenski. Vop. onk. 12 no. 6:70-76 '66.

CANCER RESEARCH

Effect of Ehrlich's ascitic carcinoma on the function of the thyroid gland in mice. V. I. Arkhipenko. Biol. eksp. biol. i med. 61 no. 5:97-100 My '66.

Effect of serotonin and sarcosine on the content of nucleic acids in the blood and sarcoma 45 in rats. L. B. Klimkina. Vop. onk. 12 no. 6:62-64 '66.

First Russian oncological publications; on the 225th anniversary of the first Russian dissertation on cancer. V. P. Gritskovich. Vop. onk. 12 no. 6:104-109 '66.

Pathomorphology of the eye in an experimental Brown-Pearce tumor. P. S. Melik-Aslanova, V. M. Abdullaev, Trudy Azerb. nauch.-issl. inst. oft. 4:124-129 '63.

Search for specific cancer antigens in the organs of patients with cancer. V. S. Korostyleva, P. N. Kosiakov. Biol. eksp. biol. i med. 61 no. 5:94-97 My '66.

CANDIDA (FUNGUS)—CULTURES AND CULTURE MEDIA

Experimental data on joint cultivation of the yeastlike fungus *Candida albicans* and staphylococci. A. V. Lizganova, T. V. Neznaeva. Antibiotiki 11 no. 5:454-459 My '66.

CANKER (PLANT DISEASE)

Tororo cancer *Pseudomonas pinii* in the Buzuluk pine forest. N. N. Seichev. Sbor. rab. MLTI no. 11:105-108 '64.

CANNING INDUSTRY see subdivision under Lvov Economic Region; Podolian Economic Region

CANON LAW

"Constitution of the Church" (to be continued). Archbishop Mikhail. Zhur. Mosk. Patr. no. 5:65-77 '66.

CANTON, CHINA—COMMUNISTS

In the revolutionary Canton; reminiscences. G. M. Borovina. Nar. Az i Afr. no. 3:134-143 '65.

CAPITAL

(see also subdivision under Europe, Eastern; Kazakhstan)

Capital yield and the economic efficiency of automation. V. Andreev. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:46-52 '66.

Improve the use of working capital. V. Shevelov. Plan. khoz. 43 no. 5:83-86 Je '66.

On the initial form of turnover. L. Leont'ev. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:101-104 '66.

Some problems of price determination and the theory of renovation. N. Khoruzhii. Vop. ekon. no. 6:49-62 Je '66.

Vaag, L. A. [Payment for capital assets and their efficient use] Plata za proizvodstvennye fondy i effektivnost' ikh ispol'zovaniya. [Moskva, Ekonomika, 1966] 31 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 6)

Vorotilov, V. A., and IU. S. Makov. [Planning and analysis of the use of capital assets in industry] Planirovaniye i analiz ispol'zovaniya osnovnykh promyshlennno-proizvodstvennykh fondov. [Leningrad] Leningrad, 1966. 121 p.

CAPITAL INVESTMENTS

Accounting for joint expenditures in the evaluation of the effectiveness of capital investments. B. O. Eglazarian. Vest. obshchestv. nauk AN Arm. SSR no. 1:16-25 Ja '66.

The bank and increasing the efficiency of capital investments. A. Voziakov, V. Nechaev, A. Forberg. Fin. SSSR 40 no. 5:21-25 Je '66.

Calculating time in which capital investments pay for themselves. N. Igoshin. Plan. khoz. 43 no. 6:47-52 Je '66.

Mutiukin, F. P. [Planning for capital investments in railroad transportation] Planirovaniye kapital'nykh vlozhenii na zhelezнодорожном transporte. Moskva, Transport, 1965. 311 p. (CaOTU)

CAPITAL INVESTMENTS—CONGRESSES

Important economic problems. E. Petrova. Vop. ekon. no. 6:152-153 Je '66.

CAPITALISM

Objective principles of the state monopoly regulation of the economy. O. Mozhaiskov. Nauch. dokl. vys. shkoly ekon. nauki 9 no. 3:62-72 '66.

The world capitalist economic system before the judgment of history. L. Leont'ev. Mir. ekon. i mezhdunar. otn. no. 6:19-29 '66.

CARBAMIC ACID

Glycol carbamates. O. P. Korneikova, R. M. Panich, S. I. Shukator. Zhur. VKHO 11 no. 3:346-348 '66.

CARBIDES

Making thin plates of high-melting carbides. B. G. Ignat'ev and others. Atom. energ. 20 no. 6:489-494 Je '66.

Standard heats of formation of niobium carbides from the N_2C phase. A. N. Kornilov and others. Zhur. fiz. khim. 40 no. 5:1070-1076 My '66.

CARBODIIMIDE

Kinetics of formation and some transformations of the product of interaction of water-soluble carbodiimide with formylglycylglycine. S. N. Zagrebnyi, D. G. Kozlov, O. A. Mirogorodskaya. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:104-111 '66.

CARBOHYDRATE METABOLISM

Study of the protein and carbohydrate components of the aortic wall of dogs during the development of experimental atherosclerosis. V. B. Lysenko and others. Dokl. AN SSSR 168 no. 4:926-928 Je '66.

CARBOHYDRATES

Colanitic glycosphosphates and phosphonates. E. E. Nifant'ev, A. P. Turov, V. V. Tarasov. Zhur. ob. khim. 36 no. 6:1124-1129 Je '66.

CARBON

Study of the physicochemical mechanism of the process of combustion of carbon using a thermal and material balance method. S. V. Bushman, E. Nurekenov. Probl. teploenerg. i prikl. teplofiz. no. 2:34-42 '65.

Veselovskii, V. B. [Carbon and graphite structural materials] Ugol'nye i grafitnye konstruktsionnye materialy. Moskva, Nauka, 1966. 225 p.

CARBON DIOXIDE

Quaternary reciprocal system $Na, Mg || SO_4, HCO_3-H_2O$ at 0° and varying partial pressures of CO_2 . I. A. Moshkina, IU. P. Nikol'skaya. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:48-52 '66.

CARBON DIOXIDE—THERMODYNAMICS

Equation of state of gaseous carbon dioxide. M. P. Vukalovich, IA. F. Masalov. Teploenergetika 13 no. 5:59-62 My '66.

CARBON ISOTOPES

Chemical effects of the beta decay of carbon-14 in benzene. G. A. Skorobogatov, V. D. Nefedov. Zhur. ob. khim. 36 no. 5:995-1003 Je '66.

Concentration of C^{14} in the atmosphere at the time of the Tunguska catastrophe and antimatter. A. P. Vinogradov, A. L. Davirta, E. I. Dobkina. Dokl. AN SSSR 168 no. 4:900-903 Je '66.

CARBON-LIQUID IRON ALLOYS see Liquid iron-carbon alloys

CARBON MONOXIDE

Electron paramagnetic resonance method of detection of the OH radical in a rarefied carbon monoxide flame with small admixture of hydrogen. IU. M. Gershenzon and others. Dokl. AN SSSR 168 no. 4:551-553 Je '66.

CARBON MONOXIDE—SPECTRA

Infrared spectra of carbon monoxide, adsorbed on metals of the copper subgroup, and also on cobalt, ruthenium, rhodium, and palladium. N. N. Kavtaradze, N. P. Sokolov. Zhur. prikl. spekt. 4 no. 5:446-453 My '66.

CARBONATE ROCKS see Rocks, Carbonate

CARBONATES

Use of the oxygen reference electrode in fused carbonates. I. N. Ozerianina and others. Trudy Inst. elektrokhim. UFAN SSSR no. 7:91-95 '65.

CARBONATITES

Radiometric methods for the study of carbonatite deposits. L. A. Berezhina. Razved. i okh. nedr 31 no. 10:37-41 O '65.

CARBONYL COMPOUNDS

Phenols and carbonyl compounds in fish modelling objects during smoke and smokeless curing. V. P. Skachkov. Izv. vyz. ucheb. zav.; ptshch. tekhn. no. 3: 59-62 '66.

Spectroscopic evidence of the formation of iridium carbonyl compounds in the reactions of iridium salts with formic acid. IU. IA. Kharitonov, G. IA. Mazo, Z. M. Novozhenik. Izv. AN SSSR. Ser. khim. no. 6:1114-1115 '66.

CARBORANES

Synthesis of *o*-borenylbenzoic acid and *o*-amphiphenyl borane from phenylboroncarboxylic acid. L. I. Zakharukin, V. N. Kalinin, A. I. L'vov. Izv. AN SSSR. Ser. khim. no. 6:1091-1093 '66.

CARBURATORS

Apparatus for preheating a carburetor pin. G. Gerasimov. Tekhn. i mekhan. 26 no. 5:80 My '66.

The K-124 carburetor. IU. Morozov, G. Kiselev. Av. transp. 44 no. 5:36-38 My '66.

Rated determination of the coefficients of air excess. N. P. Tret'yakov. Izv. vyz. ucheb. zav.; mashinost. no. 4:96-101 '66.

CARCINOGENESIS

Changes in the activity of nonspecific phosphatases in the liver of some mammals following the administration of carcinogens. B. I. Verenikina. Arkh. anat. i gistol. 50 no. 5:101-115 My '66.

Induced pulmonary adenomatosis in rabbits. L. A. Gidule. Biol. eksp. biol. i med. 61 no. 6:279-282 Je '66.

Use of nitrosamines for the induction of tumors. V. A. Egorov, V. P. Smirnov. Biol. eksp. biol. i med. 61 no. 5:100-102 My '66.

CARCINOGENS

Carcinogenic activity of some new derivatives of polycyclic hydrocarbons. A. B. Lushnik. Vop. onk. 12 no. 6:97-98 '66.

Effect of accessory nonspecific irritations on the induction of tumors. G. E. Georgadze, N. V. Dzhibladze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR no. 5: 159.

Effect of carcinogenic substances on the synon type of sponges. G. P. Korotkova, M. A. Zheleznovskaya. Vust. LGU no. 9:33-43 '66.

Mechanism of the action of cancerogenic agents. G. E. Georgadze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 8:41-50 '66.

Phagocytic activity of leucocytes during the induction of tumors. N. V. Dzhibladze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 8:51-61 '66.

CARDIAC ANEURYSMS

Electrocardiography in the diagnosis of cardiac aneurysm. R. Z. Androv. Trudy Kazakh. inst. eksp. i klin. khim. AN SSSR 11:116-122 '65.

CARDIOGRAPHY

Late results of mitral commissurotomy based on data of polycardiography and separate rheography. A. I. Spector. Trudy Kazakh. inst. klin. i eksp. khim. AN SSSR 11:80-84 '65.

CARDIOLOGY

Glozer, G. A., and L. Kh. Kochker. [Drugs used in cardiology] Lekarnyynyye sredstva, primenyaemye v klin. i logh. Moskva, Meditsina, 1966. 238 p. (DNLM)

CARDIOVASCULAR SYSTEM

Cardiac activity and the functional state of the respiratory center in fibrat. A. I. Lakomkin, L. B. Alakova. Biol. Ob-va entsefvolopt. 13:90-104 '66.

Effect of amiazine on the cardiovascular system and respiration following intravenous and subcutaneous introduction of the preparation. L. S. Koradit. Lek. i syr. res. i kh. obsh. no. 4:150-157 '66.

Effect of bathing in a pool with seawater on the cardiovascular system of patients with neurasthenia. G. V. Buechukhidi and others. Vop. kur., fizioter. i mass. kult. 31 no. 3:124-128 Mr-Apr '66.

Effect of β -methylpropylamine on the cardiovascular system and the morphological composition of peripheral blood. V. A. Kozlov. Biol. eksp. biol. i med. 61 no. 7:5-70 My '66.

Reflex influence on the cardiovascular and respiratory systems under various water supply conditions of the organism. A. I. Lakomkin. Biol. Ob-va entsefvolopt. 13:94-98 '66.

Some changes in the cardiovascular system and peripheral blood in mechanical stimulation of the gallbladder. L. S. Makharadze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 8:239-245 '65.

CARDIOVASCULAR SYSTEM—DISEASES

Changes in the function of kidneys and cardiovascular system in hemorrhagic fever with the renal syndrome. G. S. Mironov, V. V. Akhmetiev, V. A. Paklov. Vop. med. zhur. no. 6:77-79 Je '66.

CARDIOVASCULAR SYSTEM—FISHES

Structure of the cardiovascular system of sturgeon in the hatching stage. O. B. Timofeev. Dokl. AN SSSR 168 no. 4:866-868 Je '66.

CAROTENE

Study of carotene in cattle excrement in the biogeochemical province of the Southern Urals. A. A. Kapchuk. Trudy TVI 01:172-175 '65.

Use of chlorophyll-carotene paste as a biologically active supplement of rations for farm animals and poultry. A. M. Lomakin. Uch. zap. Ped. inst. Gerts. 31:147-151 '66.

CARP see subdivision under Balkhash, Lake

CARP BREEDING

Forecasting of quantitative output and regulated breeding of planted material of carp of various size and weight groups. M.K. Taran. Vop. ikht. 6 no. 2:352-365 '66.

CARPATHIAN MOUNTAIN REGION—FORESTS AND FORESTRY—MANAGEMENT

Work and needs of a "forest workshop." I.A. Karpov. Sov. profsoyuzy 22 no. 13:13-15 JI '66.

CARPATHIAN MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

Division of sediments of the Menilit series in the inner zone of the Carpathian piedmont fault. M.I.A. Vul'. Geol. zhur. 26 no. 3:62-66 '66.

CARPATHIAN MOUNTAIN REGION—GEOLOGY, STRUCTURAL

Basement in the southeastern part of the Carpathian piedmont fault based on drilling data in the Krav. noli'sk area. O.O. Orlov. Geol. zhur. 26 no. 3: 59-62 '66.

CARPATHIAN MOUNTAIN REGION—INSECTS

Akademii nauk URSS, Kiev. [Insects of the Ukrainian Carpathians and Transcarpathia] Komachy Ukrainy kykh Karpat i Zakarpattia. Kyiv. Naukova dumka, 1966. 173 p. (Respublikanskii mizhviddomstvennyi zbirnyk. Seriya "Problemy zoologii")

CARPATHIAN MOUNTAIN REGION—PETROLEUM INDUSTRY

Successes of Carpathian Mountain region petroleum workers. I.A. Sadovyi. Neftekhim 10 no. 7:13-14 JI '66.

CARPATHIAN MOUNTAINS—ALDER

Biology and carpet-forming structure of Alnus viridis DC in the Eastern Carpathians. L.V. Kudryashov, R.P. Barykina. Biol. MOIP, Otd. biol. 71 no. 2: 38-53 Mr-Ap '66.

CARPATHIAN MOUNTAINS—GEOLOGY

Akademii nauk URSS, Kiev. [Tectonics of the Carpathians] Tektonika Karpat. Kiev. Naukova dumka, 1966. 88 p. (Respublikanskii mizhviddomstvennyi zbirnyk. Seriya "Geologiya i geokhimiya gor'elikh i skopaniykh")

CARPATHIAN MOUNTAINS—NATIONAL PARKS AND RESERVES

Stolko, S.M. [Reserves and natural monuments of the Ukrainian Carpathians] Zapovidnyky ta pamiatky pryrodny Ukrainy kykh Karpat. [L'viv] Vyd-vo L'viv's'koho univ., 1966. 141 p.

CARPATHIAN MOUNTAINS—PLANTS, PROTECTION OF

Stolko, S.M. [Reserves and natural monuments of the Ukrainian Carpathians] Zapovidnyky ta pamiatky pryrodny Ukrainy kykh Karpat. [L'viv] Vyd-vo L'viv's'koho univ., 1966. 141 p.

CARPATHO-UKRAINE see Transcarpathia

CARTILAGE—TRANSPLANTATION

Kovalenko, P.P., and V.A. Emel'yanov. [Preservation and transplantation of cartilage; experimental clinical research] Konservirovaniye i peresadka khirinshech; eksperimental'no-klinichesko issledovaniya. Moskva, Meditsina, 1966. 166 p. (Biblioteka prakticheskogo vracha) (DNLM)

CARTOGRAPHY

Geograficheskoe obshchestvo SSSR. Novosibirskii otdel. [Problems of cartography] Voprosy kartografi. Novosibirsk, 1961. 115 p.

CARTOGRAPHY—CONGRESSES

Conference on problems of specialized cartography. N.F. Leont'ev, O.R. Nuzarevskii. Izv. AN SSSR. Ser. geog. no. 3:144-146 My-Je '66.

CASE HARDENING

Mechanism of ferrite hardening during the heating of cast carbon steel inoculated with aluminum. I.I. Khorochev, V.M. Zhuravovskii. Fiz. met. i metalloved. 20 no. 6: 902-907 D '65.

CASEIN

Alekseeva, N.IV., and P.F. D'yachenko. [New data on the casein complex of milk] Novye dannye o kazeinovom komplekse moloka. Moskva, TsINTIPishheprom, 1965. 10 p.

CASHEW NUT

Cashew nuts. K.I. Dubrovina. Khleb. i kond. prom. 10 no. 5:45-48 My '66.

CASPIAN LOWLAND—EARTH TEMPERATURE

Temperature of the abyssal depths of the Caspian Lowland based on data of the Aral'sor superdeep borehole. I.U. M. Vasil'ev, D.I. D'yakonov, M.M. Charygin. Dokl. AN SSSR 168 no. 4:871-873 Je '66.

CASPIAN SEA—ARTIFICIAL ISLANDS

Improve labor organization in the construction of offshore oil field structures. V. Tatarinov, V. Zarubin. Neftkhim 10 no. 7:15-16 JI '65.

CASPIAN SEA—FISHERIES

On the Caspian Sea. Agitator no. 16:30 Ag '64.

CASPIAN SEA—FISHES—MIGRATION

Observations of spawning runs of fishes in Lesser Kyzylagach Bay. Z. M. Kullov, A. E. Agalarova. Za tekh. prog. 4 no. 11:39-41 N '64.

CASPIAN SEA—SEA LEVEL

Effect of the change in sea level on oil fields, petroleum refineries, and other enterprises of the petroleum industry located on the Caspian coast. N.M. Litvishkov, G.A. Ter-Akopov. Azerb. neft. khoz. 45 no. 5:46-48 My '66.

Making the method of forecasting the level of the Caspian Sea more exact. K.I. Sinil'mova. Trudy TSIP no. 156: 31-38 '66.

CASPIAN SEA—SEALS (ANIMALS)

Characteristics of fat composition of the Caspian seal. A.A. Megomayev. Ryb. khoz. 42 no. 5:62-63 '66.

CASPIAN SEA REGION—COAST CHANGES

Mekhtiev, N.N. [Dynamics and morphology of the western coast of the southern Caspian; from the Byandovan Cape to the Astarachy River] Dinamika i morfologiya zapadnoy poberezh'ya v Iuzhnoy Kaspiya; ot m. Diandovan do r. Astaracha, Baku, Izd-vo Akad. nauk Azerbaidzhan'skoi SSSR, 1966. 11 p.

CASPIAN SEA REGION—DIPTERA

Review of bloodsucking Diptera on the northern shore of the Caspian Sea. K.A. Amirgiziev. Trudy Inst. zool. AN Kazakh. SSR 25:2-13 '66.

CASPIAN SEA REGION—GAS, NATURAL—GEOLOGY

Lithofacies characteristics of principal oil- and gas-bearing series in the Talab-Kyzylburun tectonic zone. G.K. Alifov. Azerb. neft. khoz. 45 no. 5:5-8 My '66.

CASPIAN SEA REGION—PETROLEUM GEOLOGY

Lithofacies characteristics of principal oil- and gas-bearing series in the Talab-Kyzylburun tectonic zone. G.K. Alifov. Azerb. neft. khoz. 45 no. 5:5-8 My '66.

CASPIAN SEA REGION—SALT DOMES

Some characteristics of the similarity and the difference of salt domes in the northern part of the Caspian Sea region and the North German Lowland. M.V. Gorfinkel. Trudy VNIGRI no. 237:127-130 '64.

CASSITERITE see subdivision under Azov Sea region

CAST IRON

Kuznetsov, V.A., G.I. Tsyganenko, and V.V. Iakovlev. [High-strength cast iron in shipbuilding] Vysokoprochnyy chugun v sudostroyeni. Leningrad, Sudostroyeni, 1965. 113 p.

CAST IRON—ANALYSIS

Improving the quality of the conversion pig iron being smelted. A.P. Likhovarov, K.I. Kotov. Met. i gornorud. prom. no. 3:13-17 My-Je '66.

CAST IRON—METALLOGRAPHY

Effect of heat treatment on the structure of austenitic manganese cast irons. M.U. Mairaksayev. Trudy Tadzh. sel'khoz. inst. 7:86-95 '65.

Effect of the structure and porosity on the wearing resistance and wearing-in of austenitic manganese cast iron. V.B. Litschik, A.I. Fedanin. Trudy Tadzh. sel'khoz. inst. 7:154-159 '65.

Morphology of a thin graphitic eutectic in cerium cast iron. I.U. N. Taran and others. Izv. AN SSSR. Met. no. 3:94-104 My-Je '66.

Quantitative determination of silicon distribution in malleable cast iron. K.P. Bunin, I.E. Lev, I.P. Fedorova. Izv. vys. ucheb. zav.; Chern. met. 0 no. 6: 161-165 '66.

CAST IRON—TESTING

Effect of mechanical properties of gray cast iron on its machinability. A.N. Erashovich and others. Avi. prom. 32 no. 6:38-39 Je '66.

Wear resistance and workability of austenitic manganese cast irons. M.M. Derzovskii and others. Vest. mashinost. 40 no. 5:44-47 My '66.

CASTE see subdivision under India

CASITOR BEAN—DRYING

Changes occurring in the protein substances of casitor plant seeds during drying. V.M. Kopelkovskii, L.G. Nebroeva. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3: 15-17 '66.

CASTRATION

Results of an experiment in the comparative evaluation of partial, percutaneous and open methods of the castration of rams. V.V. Seredennikov, V.A. Iakovlev, P.M. Pozin. Trudy TVI 9:155-157 '65.

CATALASE

Catalytic properties of some polymolecular compounds of cobalt. Part 2. I.M. Reibel'. Zhur. fiz. khim. 40 no. 5:1112-1117 My '66.

CATALOGS, CLASSIFIED

Experience in using the new system of classification. T.I. Karpinskina. Bibliot. SSSR no. 30:58-68 '65.

If the obstacles were eliminated... E. Suklasian. Bibliotekar' 43 no. 7:47-50 JI '66.

Some remarks apropos of the 14th part of the new system of library and bibliographical classification. D.A. Tarasuk, O.B. Pomin. Bibliot. SSSR no. 30:69-75 '65.

CATALYSIS

Catalytic activity of aluminum fluoride. T.V. Antipina, N.D. Vershinina. Kin. i kat. 7 no. 3:559-562 My-Je '66.

Catalytic decomposition of H₂O₂ under the effect of Na₂WO₄ + Mg(NO₃)₂. Magnesium peroxotungstates. G.A. Bogdanov, N.A. Korotchenko. Zhur. fiz. khim. 40 no. 5:1009-1014 My '66.

Catalytic effect of salts on the decomposition of xylose and the yield of furfural. V.K. Kononov, V.I. Sharikov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 142-150 '66.

Catalytic polymerization of organosiloxane oligomers in the presence of alkalies. Report No. 2: Influence of the basic factors determining the polymerization mechanism. A.I. Petrashko, A.A. Zhdanov, K.A. Andrianov. Izv. AN SSSR. Ser. khim. no. 6:1095-1099 '66.

Catalytic properties of iron-nickel catalysts as dependent on their electronic structure. R.F. Lavrentovich, M.T. Rusov, I.U. N. Antikh. Kin. i kat. 7 no. 3: 553-556 My-Je '66.

Contact potential difference of cerium dioxide in the presence of O₂, O₂+CO and O₂+CO₂. V.A. Llando. Kin. i kat. 7 no. 3:475-479 My-Je '66.

Dynamic surface effect of catalytic process. V.A. Grigorov and others. Zhur. fiz. khim. 40 no. 5:1144-1147 My '66.

Effect of water on the process of liquid-phase catalytic oxidation of xylenes. S.S. Gitis, V.N. Aleksandrov, P.I. Sankov. Zhur. org. khim. 2 no. 4:600-600 Ap '66.

Kinetics of catalytic hydrolysis of allyl chloride in alkali medium. I.U. A. Treger, R.M. Fild, N.A. Vorontsova. Kin. i kat. 7 no. 3:449-454 My-Je '66.

New data on the reactions of electrophilic substitution of organomercury compounds. Nucleophilic contribution and nucleophilic catalysis. O.A. Reutov, I.P. Belitskaya. Izv. AN SSSR. Ser. khim. no. 6:955-963 '66.

Photocatalytic oxidation of vapors of organic compounds on TiO₂ studied by infrared spectroscopy. V.N. Filimonov. Kin. i kat. 7 no. 3:512-520 My-Je '66.

Reactions of α-oxides. Part 9: Acid catalysts of the reaction of ethylene oxide with alcohols and other oxygen compounds. N.N. Lebedev, V.M. Kozlov. Kin. i kat. 7 no. 3:455-463 My-Je '66.

Use of the pulse nonchromatographic technique for investigating the kinetics of heterogeneous catalytic reactions. N. Polesov, Kh. Dmitrov. Kin. i kat. 7 no. 3:535-539 My-Je '66.

Vapor-phase catalytic hydration of acetylene and its derivatives. Part 11: Formation of pentenes in the process of acetylene hydration over a cadmium-calcium phosphate catalyst. I.U. A. Gorn, I.K. Gorn. Zhur. org. khim. 2 no. 4:590-595 Ap '66.

CATALYSTS

Absorption of n-hexane on an alumina-chromia-potassium catalyst. K.I. Slovetskaya, T.R. Brueva, A.M. Rubinshtein. Kin. i kat. 7 no. 3:566-568 My-Je '66.

Batcher for catalyst feeding. I.U. S. Khidakov, Kh. M. Minachev. Kin. i kat. 7 no. 3:569-570 My-Je '66.

Catalysts for ethylene oxidation to ethylene oxide. L.A. Vasilovich and others. Kin. i kat. 7 no. 3:523-528 My-Je '66.

Catalysts for the production of furfural. V.K. Kononov, V.I. Sharikov. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:108-110 '66.

Conversion of hydrocarbons on various dehydrogenating catalysts. E.A. Timofeeva. Kin. i kat. 7 no. 3: 494-497 My-Je '66.

Ethylene polymerization in chloroform-containing solvents on a soluble complex system. N.D. Zavorokhin, A.I. Makhi'ko. Vest. AN Kazakh. SSR 22 no. 6:19-30 '66.

Paraffin oxidation rate as dependent on the concentration of catalyst and temperature. N.K. D'yakonova, L.K. Obukhova, L.G. Gindin. Neftokhimiya 6 no. 2:252-256 Mr-Ap '66.

Stereospecific mutarotation of α-L-rhamnose under the effect of optical isomers and in the presence of α-phenylethylamine racemate as a catalyst. V.A. Pavlov, E.I. Khabunovskii, A.A. Balardin. Kin. i kat. 7 no. 3: 551-553 My-Je '66.

CATFISHES see subdivision under Barents Sea

CATHODE RAY OSCILLOGRAPH

Cathode-ray curve tracer for relay units. E. V. Bondar-enko, *Izv. vys. ucheb. zav.; elektron. tekhn.* 9 no. 5: 531-537 '66.
Simple electron-tube oscillograph using two tubes. E. Mikhailov, V. Ermakov, *Radio* no. 5:56-58 My '66.

CATHODES

Correlation between the emission of oxide cathodes and free alkaline-earth metal concentration. V. P. Vasil'ev, V. P. Pomakov, V. M. Tartakovskii, *Radiotekh. i elektron.* 11 no. 7:1332-1334 JI '66.

Determination of excessive barium in a system of "doubled" oxide coated cathodes. V. P. Vasil'ev, V. M. Tartakovskii, *Radiotekh. i elektron.* 11 no. 7: 1331-1332 JI '66.

Emission properties of Pt-La, Ir-La, and Os-La alloys. E. V. Vasil'eva and others, *Radiotekh. i elektron.* 11 no. 6:1150-1151 Je '66.

Emission properties of Pt-Th, Ir-Th, Os-Th, and Re-Th alloys. B. Ch. Diubua, L. A. Ermolaev, O. K. Kul-tashev, *Radiotekh. i elektron.* 11 no. 6:1149-1150 Je '66.

Photoelectric and optimal properties of tellurium-rubidium photocathode. M. A. Pollakova, D. V. Zernov, *Radiotekh. i elektron.* 11 no. 6:1100-1106 Je '66.

CATHODIC PROTECTION

Automation of cathode protection systems of underground communication cables. S. S. Bilenko, E. A. Kapustin, O. S. Nabatov, *Vest. svyazi* 26 no. 4:13-15 Ap '66.
Mathematical modeling of magnetic effects. S. M. Rozhav-skii, B. M. Il'chenko, *Izv. vys. ucheb. zav.; energ.* 9 no. 6:105-108 Je '66.

Spreading resistance of grounding in relation to time. S. A. Bobrovskii, G. S. Kesel'man, *Gaz. delo* no. 5: 26-28 '66.

TSkerman, L. IA., and G. S. Kesel'man. [Deep anode grounding elements for anticorrosive units] *Gidrinnye anodnye zamedleniia dlia protivokorroziionnykh ustanovok.* Moskva, Metallurgiya, 1965. 89 p.

CATHOLIC CHURCH see subdivision under Poland

CATHOLIC CHURCH—CONTRVERSIAL LITERATURE

Lelotte, Fernand. [Solution of the problem of life; the Christian worldview. Translated from the French] *Reshenie problemy zhizni; khristianskoe mirovozzrenie.* Brussels, Zhizn's Bogom, 1959. 390 p. (CU)

CATTLE

Temperature factor in the determination of the stall maintenance period for cattle in the U.S.S.R. L. S. Potapova, *Izv. AN SSSR. Ser. geog.* no. 3:78-86 My-Je '66.

CATTLE—DISEASES AND PESTS

(see also subdivision under Kzyl-Orda Province)
Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Problems of controlling leukemia in cattle] *Problemy bor'by s leukozom kornpno go skota.* Pod red. IA. R. Kovatenko i dr. Moskva, Kolos, 1965. 231 p. (DNAL)

CATTLE—PHYSIOLOGY

Effect of some chemical substances on the external secretion of the pancreas in cattle. M. M. Serykh, *Izv. Kuib. SKHI* 17:213-219 '65.

Growth and development of internal organs, tissues, and some systems of the organism of cattle during the embryonic and postembryonic periods. N. G. Karmanov, *Izv. Kuib. SKHI* 17:237-265 '65.

CATTLE BREEDING

uznyi institut nauchno-tekhnicheskoi informatsii. [Bases of cattle breeding] *Osnovy razvedeniia skota.* Moskva, SSSR, 1965. 112 p.

[cows pro-V. Porudchik. inst.]

of cattle il'kov.

idae of caucasus; lekoi chasti Moskva, SSSR,

from the Ent. oboz,

CAUCASUS—CRANIOLOGY

History of the craniology of the peoples of Eastern Europe and the Caucasus. V. P. Alekseev, *Trudy Inst. etn.* 9:106-123 '65.

CAUCASUS—FIR—DISEASES AND PESTS

Fir weevil as a pest of the Caucasus fir. T. M. Gur'-lanova, *Sbor. rab. MLTI* no. 11:79-82 '64.

CAUCASUS—HEALTH RESORTS, WATERING PLACES, ETC.

Health resort treatment of obliterating endarteritis. O. I. Burdzhadze, *Trudy Inst. eksp. i klin. khir. i gemat.* AN Gruz. SSR 8:341-348 '65.

CAUCASUS—PALEONTOLOGY, STRATIGRAPHIC

Stratigraphy of Lower Cretaceous sediments in the Begindag and Khalandzh-German areas (southeastern Caucasus). Ch. A. Tairov, B. B. Mamedov, *Azerb. nefi. khoz.* 45 no. 5:4-5 My '66.

CAUCASUS, NORTHERN—EARTH TEMPERATURE

Thermal sources and the causes for thermal anomalies in eastern Caucasasia. V. F. Erofeev, *Trudy VNIGHI* no. 237:264-274 '64.

CAUCASUS, NORTHERN—ECONOMIC GEOGRAPHY

Maslov, E. P. [Productive forces of the Northern Caucasus; problems of economic geography and the development of resources] *Proizvoditel'nye sily Severnogo Kavkaza; problemy geografii khoziaistva i osvoeniia resursov.* Moskva, Nauka, 1960. 263 p.

CAUCASUS, NORTHERN—GEOLOGY, STRUCTURAL

New data on the structure of the eastern part of Caucasasia based on the results of regional geophysical studies. E. N. Baginskaya and others, *Izv. AN SSSR. Ser. geol.* 31 no. 6:63-71 Je '66.

CAUCASUS, NORTHERN—HISTORIOGRAPHY

The peoples of the Northern Caucasus in the period of feudalism. M. IA. Popov, *Vop. ist.* 41 no. 7:143-150 JI '66.

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Genesis of petroleum and conditions of the formation of Upper Cretaceous pools in the Peredovoy Range of the Tersek-Sunzha oil and gas region. G. I. Gorin, *Izv. vys. ucheb. zav.; nefi. i gaz.* 9 no. 2:3-5 '66.

CAUCASUS, NORTHERN—ROAD CONSTRUCTION—AC-COUNTING

Organizing sectional accounting in case of the use of the norm method for planning and accounting. M. Kul-zhinskii, *Avi. dor.* 29 no. 2:5-6 F '66.

CAULIFLOWER—FERTILIZERS AND MANURES

see subdivision under Leningrad Province

CAVITATION

Fomin, V. V. [Hydraulic erosion of metals] *Gidroe-roziia metallov.* Moskva, Mashinostroenie, 1960. 290 p.

Resistance of concrete surfaces to the action of a current of water and cavitation erosion. L. K. Sivakov, L. I. Kots, O. V. Kuntsevich, *Sbor. trud. LITZIT* no. 230:89-126 '65.

CELANDINE—THERAPEUTIC USE

Slavitskii, M. P. [Therapeutic properties of celandine] *Pro likuvaniia vlastyosti chystotilla zvychnoiho.* Kyiv, Zdorov'ia, 1966. 77 p. (DNLM)

CELESTIAL MECHANICS

see Mechanics, Celestial

CELL DIVISION (BIOLOGY)

Amitotic division of nerve cells in the brain of rabbits and dogs. V. N. Petrov, L. M. Belova, *Uch. zap. KNGU* 140:58-66 '63.

Diurnal periodicity of mitotic cell division of inter-alveolar septa of the lungs in rats. L. K. Romanova, *Biul. eksp. biol. i med.* 61 no. 6:68-91 Je '66.

CELL METABOLISM

Modification of the polarographic device for measuring respiration intensity. O. A. Dmitrov, *Vest. LGU* no. 9:70-83 '66.

CELL NUCLEI

Changes in the volume of nucleus and cytoplasm of the Purkinje's cells following local X-ray irradiation of the cerebellum. V. I. Kantorova, *Radiobiologiya* 6 no. 3:434-439 '66.

Problem of the nuclear-cytoplasmic ratio. A. A. Klishov, *Arkh. anat., gist. i embr.* 50 no. 3:106-117 Mr '66.

Reality of the "chromatic layer" of interphase nuclei. P. V. Makarov, *Arkh. anat., gist. i embr.* 50 no. 5:116-124 My '66.

CELLS

Acute destruction of infected cells according to micro-cinematographic data. F. I. Ershov, I. I. Vokov, A. A. Tsareva, *Biul. eksp. biol. i med.* 61 no. 6:111-113 Je '66.

Cell and animal body measurements; a preliminary report. B. I. Pshogornitskii, *Vest. LGU* no. 9:145-146 '66.

Ultrasound and the cell. I. E. Pliner, *Priroda* 55 no. 7:23-32 '66.

CELLULOSE

Change in cellulose polydispersity in the process of delignification. M. M. Chochieva, IU. V. Bratska, *Zhur. prikl. khim.* 39 no. 5:1170-1176 My '66.

Cryolitic degradation of some cellulose derivatives. S. Oprea, C. Simionescu, *Vysokom. neod.* 8 no. 6: 1132-1134 Je '66.

Determination of small amounts of sodium carboxymethylcellulose in aqueous and saline solutions using the anthrone method. A. P. Medvedeva, I. I. Koshchik, *Zav. lab.* 32 no. 5:526-528 '66.

Digestibility of cellulose and lignin in experiments with rabbits and sheep. P. A. Korshchikov, M. I. Zvereva, *Trudy TVI* 9:220-227 '65.

Synthesis and properties of mixed cyanoethyl ethers of cellulose. O. P. Koz'mina and others, *Zhur. prikl. khim.* 39 no. 5:1166-1170 My '66.

Synthesis of N-alkyl (aryl)-substituted aminocelluloses, loss by nucleophilic substitution reaction. N. Khomov, radov and others, *Vysokom. neod.* 8 no. 6:1130-1133 Je '66.

CELLULOSE—SPECTRA

Quantitative determination of lignin in cellulose and hemicellulose by the infrared spectroscopy method. R. G. Zibankov and others, *Zhur. prikl. spekt.* 4 no. 5:442-445 My '66.

CELLULOSE ESTERS

Crystallization of cellulose tributyrate. P. V. Korlov, M. I. Rodionova, *Vysokom. neod.* 8 no. 6:997-999 Je '66.

CEMENT

Selecting cement for precast casting of keramit concrete. D. S. Mikhunovskii, E. N. Melnikova, V. I. Sorokor, *Stroi. mat.* 12 no. 2:21-23 F '66.

Special cement for hydraulic concrete. A. E. Greshin, *Sbor. trud. LITZIT* no. 230:11-36 '65.

CEMENT—ANALYSIS

Effect of the mineralogical composition of cement on the strength and deformability of cement mortar. I. A. L. nadze, O. P. Kvirikadze, R. A. Chikvoni, *Rei. i del. bot. [Tbilisi]* 1:24-33 '65.

CEMENT—THERMAL PROPERTIES

Determination of the specific heat of cement mortars. S. M. Koltov, M. A. Abdinov, *Izv. vys. ucheb. zav.; nefi. i gaz.* 9 no. 2:27-30 '66.

CEMENT CLINKERS

Efficiency of using belite sludge in the cement industry. E. I. Khazanov, *Syr. res. leg. met. Vost. Sib.* 5:43-49 '65.

CEMENT INDUSTRIES—PRODUCTION STANDARDS

Every plant should have efficient norms. N. Kolyagin, *Sbor. trud.* 11 no. 6:99-100 Je '66.

CENTO

see Central Treaty Organization

CENTRAL AMERICA—FOREIGN RELATIONS—UNITED STATES

Where the cars of imperialism are sticking out; Central America. E. Lapshev, *Mezhdunar. zhizn'* 13 no. 6: 112-113 '66.

CENTRAL ASIA

see Asia, Central

CENTRAL ASIA, SOVIET

see Soviet Central Asia

CENTRAL CHERNOZEM ECONOMIC REGION—AGRICULTURE

Losev, A. V. [The party organizations of the Central Chernozem provinces in the struggle for the development of agriculture, 1945-1964] *Partiinye organizatsii Tsentral'nogo Chernozem'ia v bor'be za razvitiia sel'skogo khoziaistva, 1945-1964 gg.* Voronezh, Voronezhskii gos. univ., 1965. 334 p. (CSL-II)

CENTRAL CHERNOZEM ECONOMIC REGION—MUNICIPAL SERVICES

We shall work together. D. Vasil'ev, *Zhizn', kem. khoz.* 14 no. 5:6 My '64.

CENTRAL CHERNOZEM REGION—CHERNOZEM SOILS

Changes in the chemical composition and physicochemical properties of Chernozem soils of the Central Chernozem Region used for agriculture. P. G. Aderikhin, *Trudy. prir. Tsent. Chern. pol.* no. 3:31-40 '64.

CENTRAL CHERNOZEM REGION—FERDS

Unexploited valuable feed resources in the animal husbandry supplied by the Don mollusk industry. V. P. Negrobov, A. N. Astasheva, *Oshr. prir. Tsent. Chern. pol.* no. 5:159-164 '64.

CENTRAL CHERNOZEM REGION—FLOODS

Winter floods of the rivers of Voronezh Province and adjacent territories. M. P. Kolpachova, *Oshr. prir. Tsent. Chern. pol.* no. 5:143-151 '64.

CENTRAL CHERNOZEM REGION—FORESTS AND FORESTRY

Dendrological regionalization of the Central Chernozem Region. S.I. Mashkin. Okhr. prir. TSentr.-Chern. pol. no. 5:85-110 '64.

CENTRAL CHERNOZEM REGION—RUNOFF

Mean spring surface runoff and its variations in the Central Chernozem Region. I.N. Sorokin. Izv. Vses. geog. ob-va 98 no. 3:250-255 My-Je '66.

CENTRAL CHERNOZEM REGION—SOIL CHEMISTRY

Change of the agrochemical properties of Chernozem soils in the Central Chernozem Region due to cultivation. P.G. Aderikhin. Biol. Ob-va estestvoispyt. 13: 110-118 '64.

CENTRAL CHERNOZEM REGION—WATER—PURIFICATION

Future sanitary protection of the Voronezh and Don Rivers in relation to the development of the Voronezh synthetic rubber industry. V.A. Ivanov. Okhr. prir. TSentr.-Chern. pol. no. 5:126-132 '64.

CENTRAL CHERNOZEM REGION—WOODY PLANTS

History of the formation of the flora of woody plants of the Central Chernozem Region. S.I. Mashkin. Biol. Ob-va estestvoispyt. 13:14-29 '64.

CENTRAL TREATY ORGANIZATION

Imperialism and reaction become more active. K. Maslov. Mezhdunar. zhizn' 13 no. 6:120-121 '66.

CENTRIFUGAL PUMPS

End face seals of centrifugal pumps of gasoline pipelines. V.E. Laptev. Transp. i khran. nefli i neftoprod. no. 3: 15-17 '65.

New design of the water seal for a centrifugal self-sealing pump. L.A. Savitskiy, E.M. Vvedenskiy, V.A. Ivolskiy. Prom. Ned. 9 no. 4:47 Ap '66.

CENTRIFUGATION

Theory of the process of centrifugal separation of suspensions in separators. R. IA. Iashvili, S.A. Pliushkin, P.G. Romanov. Zhur. prikl. khim. 39 no. 5:1005-1070 My '66.

CENTRIFUGES

Kravchenko, S. F. [Recent developments in the technology of the production of starch products; separator station for the production of cornstarch] Novoe v tekhnologii proizvodstva krakmaloproduktov; separatornaya stantsiya proizvodstva kukuruznogo krakhmala. Moskva, TsNTIshchebprom, 1965. 50 p.

CERAMIC INDUSTRIES see subdivision under Kazakhstan

CERAMIC INDUSTRIES—LABOR PRODUCTIVITY

Growth of labor productivity in the building ceramics industry. B. M. Gantman. Stok. i ker. 23 no. 6:40-42 Je '66.

CERAMIC METALS—ELASTIC PROPERTIES

Effect of hydrostatic pressure on the elastic properties of ceramic metal solid solutions. F. F. Voronov, O. V. Stal'manova. Fiz. met. i metalloved. 19 no. 1:150-160 Ji '64.

CERAMICS

(see also subdivision under Moscow)

Effect of gypsum molds on the drawing-in of narrow-necked porcelain products. A. M. Akh'inn. Stok. i ker. 23 no. 6:28-29 Je '66.

CERAMICS—CONGRESSES

Conference of workers of the porcelain-faience industry. Stok. i ker. 23 no. 6:47-48 Je '66.

CERATOCEPHALUS—TOXICOLOGY

Poisoning of sheep by Ceratocephalus ortoceras. V. G. Kozhevnikov. Sbor. nauch. rab. stud. Sh. zootich. vet. inst. 3:5-12 '65.

CERATOPOGONIDAE see subdivision under Alma-Ata; III Valley (Kazakhstan); Kazakhstan

CEREBELLUM

Changes in the volume of nucleus and cytoplasm of the Purkinje's cells following local X-ray irradiation of the cerebellum. V. I. Kantorova. Radiobiologiya 6 no. 3: 434-439 '66.

CEREBRAL CORTEX

Changes in some functions of the cerebral cortex under ether anesthesia. E. K. Agnintina. Zhur. vys. nerv. deiat. 16 no. 3:449-467 My-Je '66.

Effect of different states of the cerebral cortex on the secretion of intestinal juice in swine. A. I. Korshun. Trudy TVI 9:88-92 '65.

Study of trace responses of the human sensorimotor cerebral cortex in the formation of conditioned connection. S. N. Rneva. Zhur. vys. nerv. deiat. 16 no. 3:544-546 My-Je '66.

CEREBROVASCULAR DISEASE

Cerebrovascular crises. V. V. Utkin. Voen.-med. zhur. no. 5:91-94 My '66.

CERIUM OXIDES

Contact potential difference of cerium dioxide in the presence of O₂, O₂+CO and O₂+CO₂. V. A. Lando. Kin. i kat. 7 no. 3:475-479 My-Je '66.

Homomolecular and isotopic exchange of oxygen on cerium dioxide. L. A. Sazonov, V. D. Sokolovskiy, G. K. Borekov. Kin. i kat. 7 no. 3:521-524 My-Je '66.

Structure of solid fluorite solutions in the system cerium-oxygen. F. A. Kuznetsov, T. P. Chusova, B. M. Aiupev. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:126-129 '66.

CESIUM—SPECTRA

Use of the broadening and displacement of cesium spectral lines in determining the concentration of charged particles and neutral atoms in the plasma of a d. c. arc. L. I. Grechikhin, D. K. Skutov. Zhur. prikl. spekt. 4 no. 5:381-388 My '66.

CESTODA

Results of treating ducks with hymenolepiasis at the "Dekabrist" State Farm. V. A. Fokin. Sbor. nauch. rab. stud. Ser. zootekh.-vet. inst. 3:51-53 '65.

CHAINS—STANDARDS

High-strength circular-link calibrated chains for coal plows and cutter-loaders. A. V. Dokukin, P. V. Semenchin, E. E. Gol'dshchik. Ugol' 41 no. 6:49-51 Je '66.

CHALCABURNUS see subdivision under Bengileyevskaya Reservoir

CHALOVSKAYA, LIUSIA

Heroic deed of a messenger. R. Machul'skiy. Voen. znan. 42 no. 6:37 Je '58.

CHANGE

Kalandarishvili, G. M. [problem of the reflection of movement in the logic of concepts] Problema otrazheniya dvi-zheniya v logike ponimaniya. Tbilisi, Metsnereba, 1966. 166 p.

CHEBYSHEV POLYNOMIALS

Auxiliary polynomials for direct determination of a polynomial of Chebyshev interpolation. V. T. Gavriluk, T. IU. Mazanovskaya. Zhur. vych. mat. i mat. fiz. 6 no. 3:560-570 My-Je '66.

CHECHEN-INGUSH A. S. S. R.—SILKWORMS

Sell silkworm cocoons to the state. K. Vinnik. Zakup. sel'khoz. prod. no. 5:48 My '66.

CHEESE INDUSTRY see subdivision under White Russia

CHEKHOV, ANTON PAVLOVICH, 1860-1904

A. P. Chekhov as editor. E. N. Konshina. Kalga: issl. i mat. 10:64-90 '65.

April 23, before and after. N. Krymova. Teatr 25 no. 10:110-126 O '64.

Shakh-Azizova, T. K. [Chekhov and western European drama of his time] Chekhov i zapadno-evropeiskaya drama ego vremeni. Moskva, Nauka, 1966. 149 p.

CHELATES

Organic coprecipitants: a survey. G. V. Miasoedova. Zhur. anal. khim. 21 no. 5:593-605 '66.

Structure of some inner-complex compounds of copper (II) with salicylarylimines. V. A. Kogan and others. Zhur. struk. khim. 7 no. 2:277-278 Mr-Apr '66.

Triazene chelates. Part I: Synthesis and properties of mercury arylidiazocomplexes. A. P. Terent'ev, T. V. Ershova, E. G. Rukhadze. Zhur. ob. khim. 36 no. 6: 1046-1051 Je '66.

CHELYABINSK—APARTMENT HOUSES

For apartment houses and yards of high quality. A. Nikiforov. Zhil.-kom. khoz. 14 no. 5:9 My '64.

CHELYABINSK—RAILROADS—STATIONS

Railroad station in Chelyabinsk. A. P. Panarin, A. P. Machin. Transp. stroi. 16 no. 6:29 Je '66.

CHELYABINSK—TRACTOR INDUSTRY—EQUIPMENT AND SUPPLIES

Advanced design of cutting tools at the Chelyabinsk Tractor Plant. IU. P. Kholmogorov. Mashinostroi'tel' no. 6:32-35 Je '66.

CHELYABINSK PROVINCE—CHICKEN CHOLERA

Some observations of pasteurellosis in hens. V. E. Simbirskov. Trudy TVI 9:141-145 '65.

CHEMICAL BONDS

Crystalline structure of iodotrinitromethane. N. I. Golovina, L. O. Atovmian. Zhur. struk. khim. 7 no. 2: 236-239 Mr-Apr '66.

Electronic structure and properties of cumulated systems. Part II: Theoretical investigation of ionization potentials, affinity to electron, and energy gap in π -electron spectra of carbon and phthalocyaninometal-oxanes. N. A. Popov, E. M. Shustorovich. Zhur. struk. khim. 7 no. 2:258-261 Mr-Apr '66.

Nature of excited electronic states and the luminescence of molecules. R. N. Nurmukhametov, V. G. Plotnikov, D. N. Shigorin. Zhur. fiz. khim. 40 no. 5:1154-1157 My '66.

CHEMICAL ELEMENTS see subdivision under Teterov Valley

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

[Chemical and refrigeration machinery manufacture] Ref. zhur.; Khim. i khol. mashinost. no. 5 My '66.

Meeting of the subsection "Processes involving the solid phase." A. N. Planovskiy. Zhur. VKHO 11 no. 3:343 '66.

Unit for radiochemical processes with a reactor ensuring a uniform temperature field. L. S. Polak and others. Atom. energ. 20 no. 5:427-428 My '66.

CHEMICAL ENGINEERING—STUDY AND TEACHING

see subdivision under Kazakhstan

CHEMICAL EQUATIONS

Criterion of the linear independence of equations for chemical reactions. A. V. Luzanov. Zhur. fiz. khim. 40 no. 5:1136-1140 My '66.

CHEMICAL EQUILIBRIUM

Calculation of equilibria occurring in the interaction between oxygen-containing oxidizers and iodide. V. P. Tolstikov. Zhur. ob. khim. 36 no. 6:937-994 Je '66.

Electrode potentials Mo/Mo^{2+} , Mo/Mo^{3+} , oxidation-reduction potential Mo^{2+}/Mo^{3+} and equilibrium constants of the reaction $2Mo^{3+} + Mo^{2+} \rightleftharpoons 3Mo^{4+}$ in fused alkali metal chlorides as dependent on the radius of their cations. M. V. Smirnov, O. A. Ryzhik. Trudy Inst. elektrokhim. UFAN SSSR no. 7:27-35 '65.

Equilibrium constant of the reaction $2Ti(III) fused + Ti solid \rightleftharpoons 3Ti(II) fused$ and the thermodynamics of titanium di- and trichloride formation in fused alkali metal chlorides. B. G. Rossikhin, M. V. Smirnov, N. A. Logunov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:17-19 '65.

CHEMICAL GENETICS

[Achievements of science: Pharmacology, toxicology 1964; the effect of chemical factors in ontogeny] Itogi nauki: Farmakologiya, toksikologiya 1964; vliyanie khimicheskikh faktorov v ontogeneze. Moskva, Akad. nauk SSSR, 1966. 97 p. (Seriya: Biologiya)

Cytogenetic action of pyrylium salts. IU. D. Beletskiy and others. Zhur. VKHO 11 no. 3:350-360 '66.

CHEMICAL INDUSTRIES

(see also subdivision under Erivan; Kirovakan; Perm; Southwestern Economic Region; Tula Province)

In the D. I. Mendeleev All-Union Chemical Society. Stok. i ker. 23 no. 6:48 Je '66.

Kononenko, V. M. [Coal, coke, plastics; economic problems of the comprehensive use of Lvov-Volyn Basin coal for chemical processing and as fuel power] Vuhillia, koke, plastmasy; ekonomichni pytannya kompleksnoho khimiko-energetychnoho vykorystannya vuhillia L'vivsko-Volynskoho basenu. [L'viv] Vyd-vo L'vivskoho univ., 1965. 161 p.

Suggestions of chemists for the plan of development of the national economy of the U.S.S.R. in 1966-1970. S. I. Vol'fkovich. Zhur. VKHO 11 no. 3:342-343 '66.

Toward the further development of the chemical industry. V. Bibishev. Komm. Vooruzh. Sl 47 no. 12:56-60 Je '66.

CHEMICAL INDUSTRIES—HYGIENIC ASPECTS

Hygienic aspect and biological activity of stabilizers. S. L. Danilavskiy, A. Ia. Breitman. Zhur. VKHO 11 no. 3:303-311 '66.

CHEMICAL INDUSTRIES—MANAGEMENT see subdivision under Vostrossensk (Moscow Province)

CHEMICAL MACHINERY

Votberg, N. E., and I. A. Shvarts. [Mounting centrifugal compressor machines; mounting machines and mechanisms of the chemical industries] Montazh tsentrovoznykh kompressornykh mashin; montazh mashin i mekhanizmov khimicheskikh proizvodstv. Moskva, Stroiizdat, No. 1. 1966. 234 p.

CHEMICAL PLANTS see subdivision under Dzerzhinsk (Gorkiy Province)

CHEMICAL PLANTS—EQUIPMENT AND SUPPLIES

Kozulin, N. A., V. N. Sokolov, and A. Ia. Shapiro. [Examples and problems in a course on the equipping of chemical plants] Primery i zadachi po kursu oborudovaniia zavodov khimicheskoi promyshlennosti. Pod obshch. red. N. A. Kozulina. Moskva, Mashinostroenie, 1966. 491 p.

CHEMICAL REACTION, HEAT OF

Enthalpy of formation of titanium nitrides as related to their composition. M. P. Morozova, M. M. Khornburg. Zhur. fiz. khim. 40 no. 5:1125-1128 My '66.

CHEMICAL REACTION, RATE OF

Effect of solvents on the elementary reactions of chain propagation and termination in the oxidation of methyl ethyl ketone. G. E. Zalkov, Z. K. Malus, N. M. Emanuel'. Kin. i kat. 7 no. 3:401-408 My-Je '66.

Expression for the combustion rate when a homogeneous and a heterogeneous reaction are proceeding simultaneously. N. N. Bakhman, IU. A. Kondrashkov. Dokl. AN SSSR 168 no. 4:844-845 Je '66.

CHEMICAL REACTION, RATE OF (Continued)

Kinetics of alkaline hydrolysis of $[F_3BONi]_2$ and acid hydrolysis of F_3BONi_2 . I.G. Ryss, S.L. Idel's, M.B. Buchinskaya. *Kin. i kat.* 7 no.3:548-551 My-Je '66.

Kinetics of reaction of a bivalent iron ion with diphenylpicrylhydrazyl. R.I. Zisman and others. *Kin. i kat.* 7 no.3:414-418 My-Je '66.

Kinetics of the reaction of benzoyl peroxide with benzylamine in benzene solutions. N.M. Belerian, F.O. Karapetian, O.A. Chalykian. *Arm. khim. zhur.* 19 no.2:128-134 '66.

Mass spectrometric determination of the rate constants of elementary reactions. Part 1: Method of diffusion cloud in a flow. Theory. A.F. Dolonov and others. *Kin. i kat.* 7 no.3:385-392 My-Je '66.

Mechanism of the effect of glow discharge products on the velocities of hydrogen-oxygen flames within the ignition peninsula. V.I.A. Bassevich, S.M. Kogorko. *Kin. i kat.* 7 no.3:393-400 My-Je '66.

Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part 2: Evaluation of the rate constant of interaction of radical RO_2 with hydrogen bromide. A.I. Porokova, V.V. Voevodskii, A.B. Nalbandian. *Arm. khim. zhur.* 19 no.2:89-95 '66.

Rate of decomposition of benzoyl peroxide in the presence of triethanolamine in mixed solvents. B.M. Sogomonian, N.M. Belerian, O.A. Chalykian. *Arm. khim. zhur.* 19 no.2:123-127 '66.

Reactivity and structure of substances. Method of space matrices. Report No.1. G.D. Mal'chikov, B.I. Peshchevskii. *Izv. SO AN SSSR no.3. Ser. khim. nauk* no.1:16-24 '66.

CHEMICAL REACTIONS

Outstanding contribution to the field of chemical chain reactions (on the seventieth birthday of Academician N.N. Semenov). E.A. Blumberg, N.M. Emanuel'. *Neftekhimiia* 6 no.2:161-164 Mr-Apr '66.

CHEMICAL REACTORS

General problems of modeling chemical reactors. I. Khodolit, N.I. Smirnov. *Zhur. prikl. khim.* 39 no.5:1089-1094 My '66.

Mathematical modeling of a reactor with fluidized bed in the process of propylene oxidation. I.A. B. Kadyrov, M.I. Rustamov, R.I. Zaimalov. *Azerb. nef. khoz.* 45 no.5:39-41 My '66.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL RESEARCH

Toward the 23d Congress of the CPSU. *Zhur. struk. khim.* 7 no.2:171-172 Mr-Apr '66.

CHEMICAL STRUCTURE

Dipole moments and structure of some organoselenium compounds. Report No.1: 1-Chloro-2-phenylselenoethene and its analogs. L.M. Kataeva, E.G. Kataev, T.G. Mamayev. *Zhur. struk. khim.* 7 no.2:226-229 Mr-Apr '66.

Interaction between atoms of group IV-B elements and a multiple bond or benzene ring in some organometallic compounds. I.A.G. Dorfman and others. *Zhur. struk. khim.* 7 no.2:200-204 Mr-Apr '66.

CHEMICALS—TOXICOLOGY

(Achievements of science: Pharmacology, toxicology 1964; the effect of chemical factors in ontogeny) *Hogi nauki: Farmakologiya, toksikologiya 1964; vliyanie khimicheskikh faktorov v ontogeneze*. Moskva, Akad. nauk SSSR, 1966. 97 p. (Seriya: Biologiya)

CHEMISTRY—ABSTRACTS

[Chemistry] *Ref. zhur.*: *Khim.* nos.9(1)-9(2), 10(1)-10(2) '66. *Avtorski ukazatel' za 1964 g.*

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—COMPETITIONS

Results of contests by the D.I. Mendeleev Chemical Society for the best works during 1965. *Zhur. VKHO* 11 no.3: 334-340 '66.

CHEMISTRY—HANDBOOKS, MANUALS, ETC.

Kaputskii, F.N. [Manual of chemistry for students entering institutions of higher learning] *Posobie po khimii dlia postupatshchikh v vuzy*. Minsk, Vysshaya shkola, 1965. 322 p.

CHEMISTRY—STUDY AND TEACHING

Instruction sheets on general chemistry. V.I. Semishina. *Vest. vys. shkoly* 24 no.5:63-65 My '66.

CHEMISTRY, ANALYTICAL

Comparative evaluation of the methods for determining small quantities of iodine in objects of external environment. M.M. Dmitrichenko. *Lek. i syr. res.* *irk. obl.* no.4:212-217 '65.

Determining free calcium oxide in datolite sinter. A.A. Moshkina, I.G. Kozlova. [Trudy] UNIKHIM no.11: 70-72 '64.

Further on the specificity of Analytical chemistry. N.P. Komar'. *Zav. lab.* 32 no.5:641-642 '66.

Spectral method of silicon and iron determination in cryolite and aluminum fluoride. L.K. Ponomareva, V.I. Zabitko, A.I. Aleshechkina. [Trudy] UNIKHIM no.11:59-61 '64.

Use of the correlation method for reducing the bulk of chemical analyses. E.N. Sakhanova. *Razved. i okh. nedr* 31 no.10:8-10 O '65.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—CONGRESSES

Conference on analytical chemistry of semiconductor materials. I. Orient. *Zav. lab.* 32 no.5:645-646 '66.

Moscow Seminar on Analytical Chemistry. I.U. M. Dedkov. *Zhur. anal. khim.* 21 no.5:643-644 '66.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Rapid gravimetric method of sulfate determination in sodium bichromate and sodium anhydride (in technical products). R.S. Pilyuk, T.P. Ivanova. [Trudy] UNIKHIM no.11:46-48 '64.

CHEMISTRY, INORGANIC

Mikhailenko, I.A.I. [Course in general and inorganic chemistry] *Kurs obshchei i neorganicheskoi khimii*. Pod red. S.V. Kaftanova, A.P. Kreshkova, V.I. Semishina. Moskva, Vysshaya shkola, 1966. 683 p.

CHEMISTRY, INORGANIC—LABORATORY MANUALS

Pozin, M.E. and others. [Manual for practical studies in the technology of inorganic substances] *Rukovodstvo k prakticheskim zaniatiyam po tekhnologii neorganicheskikh veshchestv*. Pod obshchei red. M.E. Pozina. Izd. 2, perer. i dop. Leningrad, Goskhimizdat, 1963. 375 p.

CHEMISTRY, METALLURGIC

Kulikov, I.S. [Thermal dissociation of compounds] *Termicheskaya disotsiatsiya soedinenii*. [Moskva] *Metallurgiya*, 1966. 250 p.

CHEMISTRY, PHYSICAL AND THEORETICAL

Mikhailenko, I.A.I. [Course in general and inorganic chemistry] *Kurs obshchei i neorganicheskoi khimii*. Pod red. S.V. Kaftanova, A.P. Kreshkova, V.I. Semishina. Moskva, Vysshaya shkola, 1966. 683 p.

Theory of antielectrochemical processes. Part 1. A.M. Matkevich. *Arm. khim. zhur.* 19 no.2:111-122 '66.

CHEMISTRY, TECHNICAL see subdivision under Ukraine

CHEMOTHERAPY

Experimental substantiation of chemoprophylaxis of smallpox. S.S. Marenkova and others. *Blud. eksp. biol. i med.* 61 no.6:68-71 Je '66.

CHEREMIS LANGUAGE—PARTICIPLE

Isanbaev, N.I. [Adverbial participles in Mari] *Deepri-chastita v mariiskom iazyke*. Ioshkar-Ola, Mariiskii nauchno-issl. in-t iazyka, lit-ry i istorii, 1961. 148 p. (MI)

CHEREMKHOVO BASIN (IRKUTSK PROVINCE)—COAL—CARBONIZATION

Vinylation and study of the composition of the xylenol fraction of phenols of tars from the semicoking of Chermekhovskiy coals. G.G. Skvortsova and others. *Izv. SO AN SSSR no.3. Ser. khim. nauk* no.1:121-125 '66.

CHERENKOV RADIATION

Cherenkov excitation of ionic branches of oscillations by a charge moving in a cold magnetoplasma. V.N. Kudiamov. *Zhur. tekh. fiz.* 36 no.4:588-594 Ap '66.

CHERKASSY—FERTILIZER INDUSTRY

We should master the new productive capacities of industrial enterprises without further delay. I. Golub-nichii. *Part. zhizn'* no.15:23-28 Ag '66.

CHERNIGOV PROVINCE—AGRICULTURE—EXPERIMENTATION

Chernigovskaya gosudarstvennaya sel'skokhoziaistvennaya opyt'naya stantsiya. [Fifty years of the Chernigov (formerly Novosvka) agricultural experiment station] 50 let Chernigovskoi (byvshoi Novosvskoi) sel'skokhoziaistvennoi opyt'noi stantsii. Kiev, Gos. izd-vo sel'skhoz. lit-ry Ukrainskoi SSR, 1963. 104 p. (ICRL)

CHERNIGOV PROVINCE—ANTIQUITIES

Bronze crowlike articles of adornment of the La Tene cultural type found in the Mena District of Chernigov Province. O.O. Popko. *Archeologia* 10:179-182 '65.

CHERNIGOV PROVINCE—STOCK AND STOCKBREEDING

Some problems of the present-day distribution and specialization of livestock farming in Chernigov Province. the Ukrainian S.S.R. N.D. Platin, V.V. Zagorodnii. *Ekon. geog.* no.2:140-154 '64.

CHERNIGOV PROVINCE—TRANSPORTATION

Transport of Chernigov Province and its prospects. F.M. Machikhin. *Ekon. geog.* no.2:117-123 '64.

CHERNOVITSY—VIEWS

Komar'nyts'kiy, A.A. [Chernovitsy] *Chernivtsi, Kyb. Mystetstvo*, 1965. 1 v. (chiefly illus.) (CAOTU)

CHERNOZEM SOILS see subdivision under Central Chernozem region; Don Valley

CHERNYKH, SERGEI ALEKSANDROVICH, 1913-1944

Stepanov, M.K. [People's hero] *Narodnyi hero*. Sverdlovsk, Sredne-Uralskoe knizhnoe izd-vo, 1964. 90 p. (Ludi, sobytia, gody) (CST-II)

CHERRY

Changes occurring in the flavonoids of cherry and sweet cherry during ripening. I.U. G. Skeritova, E.A. Shafran. *Izv. vys. ucheb. zav. i plod. tsh.* no.3:21-25 '66.

CHESS—TOURNAMENTS

Petrosian — Spasskii. Moskva, [Moskovskaya pravda] 1966. 63 p.

CHESSMEN

The oldest chessmen and checkers from Kiev. I.I.M. Kopylov. *Archeologia* 10:196-200 '65.

CHEST

Skeleton of the thorax of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. V.V. Smirnov. *Trudy TVI* 1964:10 '65.

CHEST—DISEASES

Significance of the fluorographic method for the detection of diseases of the chest. I.U. V. Kiranov. *Voen. med. zhur.* no.6:22-25 Je '66.

CHEST—WOUNDS AND INJURIES

Case of acute disorders in the coronary blood circulation in a grave trauma of the chest. M.K. Neduchko, A.D. Chkonia. *Voen.-med. zhur.* no.12:72-73 D '65.

CHESTS

Valaman, B.A. [Advanced technology of the production of wooden chests] *Progressivnaya tekhnologiya proizvodstva derevnykh ischikov*. Moskva, Tsentr. nauchno-issl. in-t informatsii i tekhnicheskoi isledovani po teorii, tekhnologii i upravleniyu, derevoobrabatyvalushchei promyshl. i lesnomu khoz., 1965. 46 p. (Derevoobrabotka)

CHEYLETIDAE

New genus and new species of the family Cheyletidae (Acarina, Trombidiformes). V.I. Volgin. *Trudy Inst.* 37:277-285 '66.

CHICKEN CHOLERA see subdivision under Chelyabinsk Province; Ural Mountain region

CHICKEN POX IN POULTRY

Changes in the blood cells and in the parenchymatous organs of chicken embryos and baby chicks infected with avian strains of the chicken and pigeon types of the fowl pox virus. I.G. Grinets and others. *Vop. vet. virus.* 2:602-608 '66.

Cultural-morphological and immunobiological properties of avian strains of the chicken and pigeon types of the fowl pox virus. I.G. Grinets and others. *Vop. vet. virus.* 2:501-601 '66.

CHILD PSYCHIATRY

Limits of biological therapy in pediatric psychiatry. C. Koupernik. *Zhur. nev. i psikh.* 66 no.7:1042-1048 '66.

CHILDREN—DISEASES

Clinical aspects and differential diagnosis of transient psychoses in children and adolescents based on catamnestic data. V.M. Lupandin. *Zhur. nev. i psikh.* 66 no.7:1037-1062 '66.

Encephalitis in children. M.B. Tsuker. *Zhur. nev. i psikh.* 66 no.7:660-672 '66.

Incidence of rheumatism and other streptococcal infections in schoolchildren. N.A. Iakubina, K.V. Zaslavina, M.S. Meller. *Zhur. mikrobiol., epid. i immu.* 43 no.5:120-125 My '66.

Limits and differentiation of minor epilepsies in children. S.S. Munkhin, I.U. Dom'yanov. *Zhur. nev. i psikh.* 66 no.7:1062-1067 '66.

Metachromatic leucodystrophies in children. E.I. Lampskaia and others. *Zhur. nev. i psikh.* 66 no.7:985-990 '66.

CHILDREN—EMPLOYMENT

A forest tract manned by school children. P. Bezdenko. *Nar. obr.* no.6:70-73 Je '66.

CHILDREN—LAW

Certain revision problems re violations of laws on administrative liability by minors. V.S. Pronina. *Uch. zap. VNIISZ* no.5:105-109 '65.

CHILDREN—MANAGEMENT—STUDY AND TEACHING More than a name. A. Filippov. *Nar. obr.* no.7:18-19 D '66.

CHILDREN—RECREATION

Let us show concern for the leisure hours of school children. N.Semykin. *Nar. obr.* no. 6:56-61 Je '66.

CHILDREN—SURGERY

Characteristics of surgery on infants. G.A. Bairov. *Vest. AMN SSSR* 21 no. 5:64-72 '66.

Surgical diseases of the lungs in children. S.I.A. Doletskii. *Vest. AMN SSSR* 21 no. 5:73-77 '66.

CHILDREN IN AGRICULTURE

Practical work and moral education. I. Kashis. *Nar. obr.* no. 6:74-77 Je '66.

Work training facilitates the work of teachers. I. Sergeev. *Nar. obr.* no. 7:62-63 Ji '66.

CHILDREN IN FOREIGN COUNTRIES

International day of the Protection of Children. M. Kiriilov. *Nar. obr.* no. 6:98-100 Je '66.

CHILDREN'S CLUBS see subdivision under Bryansk; Leningrad

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S MUSEUMS see subdivision under Krasnodar Territory

CHILDREN'S PLAYS

Competition for a children's play. *Teatr* 25 no. 10:82 O '64.

CHIMERAS (BOTANY)

Experimental production of three new poplar chimeras. S.A. Petrov, P.A. Riazantsev. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 5:50-53 My '66.

CHINA—COMMUNIST PARTY

Petit bourgeois socialism and the leaders of the Communist Party of China. *Agitator* no. 10:21-25 Ag '64.

CHINA—HISTORY

Grigor'ev, A. M. [Anti-imperialist program of the Chinese bourgeois revolutionaries, 1895-1905] *Antimperialisticheskaya programma kitaiskikh burzhuaznykh revoliutsionerov, 1895-1905*. Moskva, Nauka, 1966. 100 p.

In the revolutionary Canton; reminiscences. G. M. Borovina. *Nar. Az i Afr.* no. 3:134-143 '66.

CHINA—REVOLUTION, 1911-1912

V. I. Lenin about the role of people's masses in the Chinese Revolution of 1911. I. U. M. Garushants. *Nar. Az i Afr.* no. 3:144-153 '66.

CHINGIZTAU—GEOLOGY, STRUCTURAL

Volcanic Devonian of the southwestern slope of the Chingiz magnetitellurium. R. I. A. Zharavlev. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 3:54-66 My-Je '66.

CHIRONOMIDAE

(see also subdivision under Rybinsk Reservoir)

Metamorphosis and biology of *Stictochironomus crassiforceps* Kieff. (Diptera, Tendipedidae). A. I. Shilova. *Trudy Inst. biol. vnur. vod.* no. 8:91-101 '65.

Quantitative data on feeding habits of *Cricotopus silvestris* F. R. A. Rotova, I. I. Sorokina. *Trudy Inst. biol. vnur. vod.* no. 8:110-112 '65.

CHITA—COOKING SCHOOLS

Pedagogical seminar in a school. S. Ovchinnikov. *Sov. torg.* 39 no. 6:50 Je '66.

CHITA PROVINCE—PHYSOCHLAINA

Anatomical structure of *Physochlaina phyaloides* (L.) G. Don. V. A. Peshkova. *Lek. i syr. res. Irk. obl.* no. 4: 14-31 '65.

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHLORAL

Reaction of hypophosphorous acid with chloral. K. V. Nikonov, E. A. Guryev, F. F. Fakhrislamova. *Izv. AN SSSR. Ser. khim.* no. 6:1095 '66.

CHLORANTHUS

Anatomical and morphological characteristics of *Chloranthus inconspicuus* Sw. N. V. Gritsenko, S. F. Zavalishina. *Uch. zap. Ped. inst. Gerts.* 310 273-283 '66.

CHLORIDES

Electrode processes in the electrolysis of lanthanum in fused chloride electrolytes. I. U. N. Krasnov, M. V. Smirnov, V. E. Komarov. *Trudy Inst. elektrokhim.* UFAN SSSR no. 7:37-45 '65.

Liquid - gas phase equilibrium in the system $ZrCl_4 - HCl_4$. N. D. Denisova, E. K. Sifonov. *Dokl. AN SSSR* 168 no. 4:814-816 Je '66.

CHLORIDES—ELECTRIC PROPERTIES

Chloropotentiometric measurements in fused chlorides saturated with HCl . V. N. Devlatkin, E. A. Ukshe. *Izv. AN SSSR. Met.* no. 3:79-83 My-Je '66.

CHLORINATION

Change of crystallinity in the radiation chlorination of polypropylene in the solid phase. R. V. Dzhagatspanian and others. *Vysokom. seed.* 8 no. 8:1103-1108 Je '66.

Chlorination of methylcyclopentane and dehydrochlorination of monochloromethylcyclopentane. M. A. Mardanov, K. G. Veliev, N. I. Turner. *Azerb. khim. zhur.* no. 2:15-18 '64.

Photochemical chlorination of n-butane and butyl chlorides. A. I. Gershenovitch, V. M. Kostuchenko. *Zhur. prikl. khim.* 39 no. 5:1160-1166 My '66.

Reactivity of nitrobenzene and its chloro derivatives. Part 1. V. I. Zetkin and others. *Zhur. fiz. khim.* 40 no. 5:1121-1125 My '66.

Synthesis and thermal decomposition of chlorinated paraffins. M. G. Rudin, A. E. Drabkin. *Zhur. prikl. khim.* 39 no. 5:1130-1136 My '66.

CHLORINE—ANALYSIS

Determination of chlorine in organic compounds. D. D. Lebedev, T. V. Korobkina, I. V. Vereshchinskii. *Zav. lab.* 32 no. 5:530 '66.

CHLORINE—EFFECT ON PLANTS see Plants, Effect of chlorine on

CHLORINE ORGANIC COMPOUNDS see Organochlorine compounds

CHLOROXYDRINS

Synthesis of substituted styrene β -chlorohydrin and the kinetics of their interaction with bases. Part 1: Reaction of styrene β -chlorohydrin with hydroxyl ion. E. N. Barantsevich, T. I. Temnikova. *Zhur. org. khim.* 2 no. 4:648-653 Ap '66.

CHLOROPHOS

Use of chlorophos against botflies in sheep. I. P. Feduk. *Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst.* 3:45-50 '65.

CHLOROPHYLL

Synthesis and destruction of chlorophyll in plants under the influence of gibberellin and vitamin B₂. V. I. Arinmonov. *Fiziol. rast.* 13 no. 3:424-428 My-Je '66.

Use of chlorophyll-carotene paste as a biologically active supplement to rations for farm animals and poultry. A. M. Lomakin. *Uch. zap. Ped. inst. Gerts.* 312:347-351 '66.

CHLOROPHYLL—SPECTRA

Electron paramagnetic resonance of adsorbed chlorophyll. L. I. Nekrasov, M. Kalvin, N. Singleton. *Zhur. fiz. khim.* 40 no. 6:1015-1019 My '66.

Spectral characteristics of monomolecular chlorophyll films on the surface of water. L. V. Chasovnikova, L. I. Nekrasov, N. I. Kobozov. *Zhur. fiz. khim.* 40 no. 5:1141-1144 My '66.

CHLOROPLASTINATES

Stability of a hexachloroplatinate ion in aqueous solutions. V. M. Shul'man, V. I. Dubinskii. *Izv. SO AN SSSR no. 3. Ser. khim. nauk* no. 1:25-31 '66.

CHLORPROMAZINE—PHYSIOLOGICAL EFFECT

Effect of aminazine on diuretics. L. S. Koraidi. *Lek. i syr. res. Irk. obl.* no. 4:139-149 '65.

Effect of aminazine on some aspects of oxidative metabolism and the ultrastructure of cerebral mitochondria. Z. D. Pigareva, E. L. Dovedova, N. N. Bogolepov. *Zhur. vys. nerv. deiat.* 16 no. 3:506-513 My-Je '66.

Effect of aminazine on the cardiovascular system and respiration following intravenous and subcutaneous introduction of the preparation. L. S. Koraidi. *Lek. i syr. res. Irk. obl.* no. 4:150-157 '65.

CHOLERA, ASIATIC

Chemotherapy of experimental cholera infection and intoxication. A. G. Somova. *Antibiotiki* 9 no. 10:903-907 O '64.

CHOLINE

Mechanism of the effect of ionizing radiation on the acetylcholine content in the tissues of the small intestine. E. O. Keel'. *Radobiologiya* 6 no. 3:369-372 '66.

CHOLINE IN THE BODY

Some aspects of acetylcholine metabolism in the sympathetic ganglion of an irradiated organism. L. D. Klimovskaya, A. F. Maslova. *Blud. eksp. biol. i med.* 61 no. 6:550-553 Je '66.

CHOLINERGIC BLOCKING AGENTS see Parasympatholytic agents

CHOLINESTERASES

Activity of cholinesterase of the central nervous system and muscles in the dynamics of experimental tetanus intoxication. L. V. Donikina, N. E. Zhebrovskaya, G. N. Tsybuliak. *Blud. eksp. biol. i med.* 61 no. 5:34-36 My '66.

Cholinesterase activity in the hypothalamus, thalamus, some regions of the cortex and cerebellum of dogs recovered from acute radiation sickness. B. I. Davydov. *Radobiologiya* 6 no. 3:418-422 '66.

Distribution of cholinesterase in the cutaneous motor analyzer of the brain in rabbits. M. G. Amedjan, E. I. Hina-Kakueva. *Zhur. vys. nerv. deiat.* 16 no. 3:514-518 My-Je '66.

CHOREA

"Choreolepsy": on the unusual picture of a disease with paroxysmal course in adolescent girls. I. S. Tats. *Zhur. nev. i psikh.* 66 no. 7:1071-1076 '66.

CHRISTIAN ETHICS

Kolontskii, P. F. [A word about the law of God; talks on religious morality] *Stovo o zakone bozh'em; besedy o religioznoi npravstvennosti*. [Moskva] Mosk. rabochii, 1966. 142 p.

CHROMATIN

Reality of the "chromatic layer" of interphase nuclei. P. V. Makarov. *Ark. anat., gist. i embr.* 50 no. 5:116-124 My '66.

CHROMATOGRAPHIC ANALYSIS

Chromatographic method of determining total phosphorus in hypophosphites. A. K. Kutarkina, A. M. Sirina. [Trudy] UNIKHIM no. 11:93-94 '64.

Effect of the dead volume after column on the degree of chromatographic separation of substances. V. M. Obratsov, M. S. Vigdergauz. *Zav. lab.* 32 no. 5: 521-524 '66.

Separate determination of butyric, propionic, and acetic acids in natural waters by partition chromatography on silica gel. A. G. Stradonkha, I. A. Goncharova. *Gidrokhim. mat.* 39:169-174 '65.

Separation of polyhydroxy glycols by thin layer chromatography. I. A. Vakhina, P. A. Okunev, O. G. Tarakanov. *Zhur. anal. khim.* 21 no. 5:630-632 '66.

CHROMATOPHORES

Interrelation of the photochemical activity with the energetic and structural characteristics of chloroplasts. S. I. Lebedev, L. G. Litvinenko. *Fiziol. rast.* 13 no. 3: 411-415 My-Je '66.

Melanocytes and hormonal regulation of pigment reactions. A. A. Volkovich. *Usp. sov. biol.* 61 no. 3:471-490 My-Je '66.

CHROMIC ACID

Reduction of chromic acid in the presence of large concentrations of foreign anions. V. A. Kazakov, A. T. Vagranian. *Elektrokhimiya* 2 no. 6:652-655 Je '66.

CHROMITE

Determining ferrous oxide in chromite. R. S. Fil'mik, T. V. Ivanova. [Trudy] UNIKHIM no. 11:8-13 '64.

Flame photometric method of determining calcium oxide and soda in a chromite charge. I. B. Butycheva, N. S. Ul'ianova. [Trudy] UNIKHIM no. 11: 23-25 '64.

CHROMIUM

Chromium participation in the decarboxylation of steel. V. S. Kononov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 6:19-24 '66.

Photoelectrochromic method of chromium determination in chromite-ammonium alums. V. I. Zablakova, G. N. Sharopova. [Trudy] UNIKHIM no. 11:14-15 '64.

CHROMIUM—METALLURGY

Kinetic characteristics of the process of chromium oxide reduction from molten aluminum oxide. S. I. Suchilnikov, B. A. Baum. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 6:88-93 '66.

CHROMIUM-BORON-CARBON ALLOYS

Chromium boron carbide. L. I. Markovskii, N. V. Vekshina, I. D. Kondrashev. *Zhur. prikl. khim.* 39 no. 5:973-977 My '66.

CHROMIUM CATALYSTS

Effect of vanadium oxides on the activity of chromium oxide catalyst of polymerization. N. A. Danilova and others. *Azerb. khim. zhur.* no. 2:135-138 '64.

CHROMIUM-IRON ALLOYS—METALLOGRAPHY

Diffusion processes in chromium-iron alloys. A. I. Shinaev. *Fiz. met. i metalloved.* 20 no. 8:875-879 D '65.

CHROMIUM-NICKEL ALLOYS see Nickel-chromium alloys

CHROMIUM-NICKEL STEEL—METALLOGRAPHY

Kinetics of the interstitial transformation in chromium-nickel-manganese steels. G. V. Korotushenko and others. *Fiz. met. i metalloved.* 20 no. 8:927-930 D '65.

CHROMIUM OXIDES

Spectral method of determining iron, aluminum, and silicon admixtures in commercial chromium oxide. V. I. Zablakova, M. B. Saltykova. [Trudy] UNIKHIM no. 11:5-7 '64.

CHROMIUM SALTS

Amperometric titration of rhenium. Report No. 11: Titration of rhenium (VII) with chromium bivalent salts. Z. A. Galilai, T. I. Rubinskaya, A. V. Fursova. *Zhur. anal. khim.* 21 no. 5:584-589 '66.

CHROMIUM-TELLURIUM ALLOYS—MAGNETIC PROPERTIES

Physical properties of the alloys Cr-Te-S, Cr-Te-Se, and Cr-Te-Sb. N. P. Grazhdankina. Izv. AN SSSR. Ser. fiz. 30 no. 6:990-993 Je '66.

CHROMOSOME NUMBERS

Karyological studies of transplantable cells obtained from swine tissues. F. V. Sushkov and others. Vop. vet. virus. 2:80-83 '66.

CHROMOSOMES

Effect of alkylating agents on chromosomes during the stage preceding the synthesis of DNA. N. P. Dubinin and others. Dokl. AN SSSR '168 no. 4:932-934 Je '66.

CHRONAXIA

Diagnostic significance of chronaximetry in brain tumors. Z. M. Pshenichnaya. Zhur. nev. i psikh. 66 no. 5:657-661 '66.

CHRONOGRAPH

Marking of the imprints of a chronograph. A. A. Logvinenko, I. I. Terebushko, V. V. Tret'yakov. Biul. sta. opt. nabl. isk. sput. Zem. no. 40:20-22 '64.

Using quartz clock frequencies for driving the synchronous motor of a printing chronograph. R. Lapushka. Biul. sta. opt. nabl. isk. sput. Zem. no. 40:25-30 '64.

CHRONOMETER

Using a radio receiver for the transmission of second signals of a contact chronometer. A. F. Ivanov. Biul. sta. opt. nabl. isk. sput. Zem. no. 40:22-23 '64.

CHRYSLITE see subdivision under Yuzhno-Muyskiy Range

CHU DEPRESSION—GEOLOGICAL TIME

Age and conditions governing the accumulation of salt-bearing sediments in the eastern part of the Chu Depression. M. A. Petros'yants. Izv. AN SSSR. Ser. geol. 31 no. 6:103-110 Je '66.

CHU DEPRESSION—SALT DEPOSITS

Age and conditions governing the accumulation of salt-bearing sediments in the eastern part of the Chu Depression. M. A. Petros'yants. Izv. AN SSSR. Ser. geol. 31 no. 6:103-110 Je '66.

CHU VALLEY—GAS, NATURAL—GEOLOGY

Geology of Middle and Upper Paleozoic sediments and possible oil and gas occurrences in the Chu-Sarysu Depression. B. G. Bakanchev, S. P. Nikitin. Neftegaz. geol. i geofiz. no. 5:11-15 '66.

CHU VALLEY—PETROLEUM GEOLOGY

Geology of Middle and Upper Paleozoic sediments and possible oil and gas occurrences in the Chu-Sarysu Depression. B. G. Bakanchev, S. P. Nikitin. Neftegaz. geol. i geofiz. no. 5:11-15 '66.

CHUKCHI PENINSULA—WATER—COMPOSITION

Characteristics of the formation of the chemical composition of the ground and surface waters of Chukchi Peninsula. A. A. Stremliakov. Gidrokhim. nat. 39:15-27 '65.

CHUKHLOMA DISTRICT—AGRICULTURE—ACCOUNTING

Economic work of the auditing office and the struggle for report discipline. V. Ershov. Vest. stat. no. 7: 61-63 '66.

CHULYSHMAN VALLEY—MINERAL WATERS

Chulyshman Arzhan. A. S. Krtukov, E. V. Chechegoeva. 1. ob-va SSSR no. 2:105-107 '63.

ous humus soils in the
'M. Ostroumov. Izv.
'63.

Gosudarstvennyi nauchno-issledovatel'skiy muzej arkhit-
tektury imeni A. V. Shchuseva. [Russian wood architec-
ture] Russkoe dereviannoe zодchestvo. Moskva, So-
vetskii Khudozhnik, [1965] 21 p. 85 illus. [In Russian
and English]

CHURCH ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Church architecture

CHURCH ENTERTAINMENTS

Fashions and priests. Mol. komm. no. 8:118 Ag '64.

CHURCH MUSIC

An evening of sacred music. A. Prosvirnin. Zhur. Mosk. Patr. no. 4:17-18 '66.

CHURCH SLAVIC LANGUAGE—WORDS

L'vov, A. S. [Studies of the vocabulary of the monuments of Old Slavic literature] Ocherki po leksiko-pamiatnikov staroslavianskoi pis'mennosti. Moskva, Nauka, 1966, 319 p.

CHURCH SLAVIC MANUSCRIPTS see Manuscripts, Church Slavic

CHURCHILL, Sir WINSTON LEONARD, 1874-1965

Winston Churchill (continuation). V. G. Trukhanovskii. Vop. ist. 41 no. 6:117-137 Je '66.

Winston Churchill (conclusion). V. G. Trukhanovskii. Vop. ist. 41 no. 7:119-138 Ji '66.

CHUVASHIA—LABOR AND LABORING CLASSES

Petrov, G. P. [Growth in the culture of the working class of Chuvashia] Rost kul'tury rabochego klassa Chuvashii. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965. 46 p. (CSI-II)

CHUYA STEPPE—PHYSICAL GEOGRAPHY

Causes of the absence of marmots in the Chuya Steppe. V. A. Sarzhinskii. Izv. Akad. Geog. ob-va SSSR no. 2: 89-94 '63.

CIMMERIAN BOSPORUS (KINGDOM)—CLASSICAL ANTIQUITIES

Kruglikova, I. T. [The Bosphorus in the late classical period; essays on its economic history] Bospor v pozdnantichnoe vremia; ocherki ekonomicheskoi istorii. Moskva, Nauka, 1966. 222 p.

CIMMERIAN BOSPORUS (KINGDOM)—ECONOMIC CONDITIONS

Kruglikova, I. T. [The Bosphorus in the late classical period; essays on its economic history] Bospor v pozdnantichnoe vremia; ocherki ekonomicheskoi istorii. Moskva, Nauka, 1966. 222 p.

CINNABAR see subdivision under Nagol'nyy Range

CINNAMYL ALCOHOL

Unusual polarographic behavior of some substituted benzenes; cinnamic alcohol, methyl benzoate. V. G. Mairanovskii, G. I. Samokhvalov. Elektrokhimia 2 no. 6: 717-718 Je '66.

CIRCUS

Kudravin, I. F. [Goshia is in the arena] Na arene, Goshia. Izhevsk, Izd-vo Udmurtii, 1964. 148 p. (MII)

CITIES AND TOWNS see subdivision under Osh Province; Poland; Southwestern Economic Region; Ternopol' Province; Vladimir Principality

CITIES AND TOWNS—GROWTH

(see also subdivision under Volga-Vyatka Economic Region)

Great life for little city. IA, Karpov. Sov. profsoyuzy 22 no. 11:11-13 Ja '66.

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Mexico

CITIZENSHIP see subdivision under Germany, West

CITIZENSHIP (INTERNATIONAL LAW)

The legal formula of revanchism. Lev Ginsburg. Nov. vrem. 24 no. 20:21 Ji '66.

CITRIC ACID

Utilization of the wastes of citric acid production. I. G. Goma and others. Khleb. i kond. prom. 10 no. 5:40-42 My '66.

CITY PLANNING

(see also subdivision under Minsk; Novosibirsk)

Some problems of the architectural and spatial layout of residential developments. I. Kontorovich. Arkhit. SSSR no. 9:3-16 '66.

CIVIL DEFENSE

Range and depth for the propaganda of civil defense. O. Tolstikov. Voen. znan. 42 no. 6:5-7 Je '66.

CIVIL DEFENSE—STUDY AND TEACHING

According to the summary plan. M. Matroshechuk. Voen. znan. 42 no. 6:33 Je '67.

After contamination. M. Il'in. Voen. znan. 42 no. 6: 24-25 Je '66.

In time, with high quality. Voen. znan. 42 no. 6:18 Je '66.

CIVIL LAW

(see also subdivision under Latvia)

Guiding principles of the implementation of civil laws. V. P. Gribanov. Vest. Mosk. un. Ser. 12: Pravo 21 no. 3:10-23 My-Je '66.

Nonproprietary rights of private persons and their place in the system of Soviet civil law. O. S. Ioffe. Sov. gos. i pravo 38 no. 7:51-59 Ji '66.

CIVIL PROCEDURE

(see also subdivision under Latvia)

The concept and classification of documentary evidence in civil procedure. A. G. Kulpin. Vest. Mosk. un. Ser. 12: Pravo 21 no. 1:68-74 Ja-F '66.

Legal relations in civil procedure. A. F. Kleinman. Vest. Mosk. un. Ser. 12: Pravo 21 no. 1:16-28 Ja-F '66.

Shegolev, V. N. [Relations between persons under civil procedure laws] Grazhdanskoe protsessual'noe pravootnoshenie. Moskva, Iuridicheskaya literatura, 1966. 166 p.

Some theoretical problems relating to evidence and its presentation in Soviet civil procedure. A. F. Kleinman. Vest. Mosk. un. Ser. 12: Pravo 21 no. 3:36-47 My-Je '66.

CIVILIZATION

Savages in tuxedos. Agitator no. 10:50 Ag '64.

CIVILIZATION, ORIENTAL

Repercussions of Oriental culture in J. D. Salinger's works. E. V. Zavadskaya, A. M. Platigorskii. Na. i Afri. no. 3:92-101 '66.

CIVILIZATION AND TECHNOLOGY see Technology and civilization

CLASSICAL LITERATURE

Akademii nauk SSSR, Institut mirovoi literatury. [Problems of ancient literature and classical philology] Voprosy antichnoi literatury i klassicheskoi filologii. [Moskva] Nauka, [1966] 534 p.

CLASSICAL PHILOLOGY

Akademii nauk SSSR, Institut mirovoi literatury. [Problems of ancient literature and classical philology] Voprosy antichnoi literatury i klassicheskoi filologii. [Moskva] Nauka, [1966] 534 p.

CLASSIFICATION

Experience in using the new system of classification. T. I. Karpinskaya. Bibliot. SSSR no. 30:56-61 '65.

Some remarks apropos of the 14th part of the new system of library and bibliographical classification. D. A. Krasavskii, O. B. Fomin. Bibliot. SSSR no. 30:60-73 '65.

CLASSIFICATION—BOOKS

Soviet library and bibliographical classification. I. P. Kondakov. Kniga; issl. i mat. 11:228-139 '66.

CLASSIFICATION—BOOKS—CULTURE

Moscow. Publichnaya biblioteka. [Library and bibliographic classifications; tables for scientific libraries] Bibliotечно-bibliograficheskaia klassifikatsiia; tablitsy nauchnykh bibliotek. Moskva, Kniga. No. 19. [Ch. Culture, science, education] Ch. Kul'tura, nauka, prosveshchenie. 1966. 326 p.

CLASSIFICATION—BOOKS—EDUCATION

Moscow. Publichnaya biblioteka. [Library and bibliographic classifications; tables for scientific libraries] Bibliotечно-bibliograficheskaia klassifikatsiia; tablitsy nauchnykh bibliotek. Moskva, Kniga. No. 19. [Ch. Culture, science, education] Ch. Kul'tura, nauka, prosveshchenie. 1966. 326 p.

CLASSIFICATION—BOOKS—GEOLOGY

Gass, L. V. [Classification of literature in geology, problems of methodology] Klassifikatsiia literatury po geologii; voprosy metodiki. Pod red. M. S. Filipova. Leningrad, BAN, 1966. 125 p.

CLASSIFICATION—BOOKS—SCIENCE

Moscow. Publichnaya biblioteka. [Library and bibliographic classifications; tables for scientific libraries] Bibliotечно-bibliograficheskaia klassifikatsiia; tablitsy nauchnykh bibliotek. Moskva, Kniga. No. 19. [Ch. Culture, science, education] Ch. Kul'tura, nauka, prosveshchenie. 1966. 326 p.

CLASSIFICATION, UNIVERSAL DECIMAL

Complicated cases in the classification of texts. Lit. no. 5:53 '66.

International Universal Decimal Classification. B. B. Bakhtalov. Voen.-med. zhur. no. 5:84-89 My '66.

Universal decimal classification. Geokhimiia no. 1270-1272 O '65.

CLASSIFIED CATALOGS see Catalogs, Classified

CLAY

(see also subdivision under Kazakhstan)

Role of rock pressure in clay savings. V. D. Gerasimov, I. B. Adol'. Trudy MINKINGP no. 57:150-164 '66.

CLEANING COMPOUNDS

Effect of activating additives on the surface-active properties and detergency of azolyat A and the phenomenon of synergism between its components. M. A. Akhmedov and others. Azerb. khim. zhur. no. 2:23-31 '64.

CLIBURN, VAN, 1934-

Khentova, S. M. [Van Cliburn] Van Klalborn. Isl. i dop. Moskva, Muzyka, 1966. 106 p.

CLICK BEETLES see subdivision under Soviet Central Asia

CLIMACTERIC

State of the field of vision in white and colored light during the climacteric in women. G. M. Nuralova. Trudy Azerb. nauch.-issl. inst. oft. 4:87-91 '64.

CLIMATOLOGY

Glaciers and the climate. O. P. Chizhov. Trudy 55 no. 7:58-65 '66.

CLIMATOLOGY, MEDICAL

(see also subdivision under Crimea)

Changeability of the weather and its evaluation in the medical characteristics of the climate. E. M. Baibakova and others. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:145-150 Mr-Apr '66.

Changes in blood morphology and its biochemical indices during meteoropathological reactions in patients with chronic coronary insufficiency. A. D. Dakhin, Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:103-107 Mr-Apr '66.

CLOCKMAKING AND WATCHMAKING see subdivision under Moscow

CLOSED-CIRCUIT TELEVISION

Oksman, A. K. [Transmission of television signals through coaxial cables] Peredacha televizionnykh signalov po koaksial'nym kabel'kam. [Moskva] Svyaz', 1986, 199 p.

CLOSTRIDIUM--TOXICOLOGY

Study of botulin toxins and antitoxins by filtration through gel. Report No. 1: Study of botulin toxins and antitoxins of the A and C types by filtration through Sephadex G-100. V. B. Freiman, V. K. Goldshmidt, Zhur, mikrobiol., epid. i immunit. 43 no. 3:52-58 My '66.

CLOTHING, PROTECTIVE

Use of protective clothing in work on 110, 220, and 500 kv. overhead lines. Energoelektr. 14 no. 6:35 Je '66.

CLOTHING INDUSTRY see subdivision under Gomel'

CLOTHING INDUSTRY--ACCOUNTING

Some calculations in the accounting for fabric utilization in cutting with the use of electronic computers under centralization conditions. Z. P. Zhil'tsova. Izv. vyz. ucheb. zav. i tekhn. leg. prom. no. 2:32-40 '66.

CLOTHING INDUSTRY--MANAGEMENT

(see also subdivision under Moscow)

Cherlork, E. A., and E. A. Tselykovskaya. [The new methods of planning in enterprises of automobile transport and the clothing industry] Noveye metody planirovaniia na predpriyatiakh avtomobil'nogo transporta i shvel'nol'noy promyshlennosti. [Moskva, Ekonomika, 1966] 10 p. (Ekonomika i o novoi khoziashtvennoi reforme v SSSR, no. 9)

Optimal size of clothing stores. A. Vukulov. Sov. torg. 38 no. 6:27-31 Je '66.

CLOUD PHYSICS

Effect of radiation on the transformation of low clouds. L. A. Greshova. Trudy GGO no. 107:77-81 '66.

Transformation of the droplet spectrum in the cloud cover and in fog under the influence of external conditions. V. V. Simonov. Trudy GGO no. 107:122-130 '66.

CLOUDS

Method of determining the height of the cloud base from the data of numerical weather forecasts. B. G. Vager, S. S. Zhil'tsova. Trudy GGO no. 107:13-12 '66.

Some problems of radiation heat exchange in a cloudy atmosphere. F. N. Shcheglov. Trudy GGO no. 107:81-103 '66.

CLUTCHES (MACHINERY)

Efficient design of shearing pins of safety clutches. B. A. Morozov. A. S. F. Finov. Vest. mashinost. 46 no. 6:26-28 Je '66.

Modernized elastic friction clutch. I. Danilov. Rech. transp. 23 no. 4:43-44 Ap '66.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet standartov, mer i izmerenii'nykh priborov. [Elastic bushed pin clutches] Mufly uprugie vtulochno-pal'tsevye (MN 2006-64). Moskva, Izd-vo Standartov, 1964, 28 p. (SSSR. Norma' mashinostroenia)

COAL

(see also subdivision under Donets Basin; Lvov-Volyn' Basin)

Abrasive characteristics of the ash of coals used in power systems. A. I. A. Balakhunov. Probl. teploenerg. i prikl. teplofiz. no. 2:74-79 '65.

Burning of Ekibastuz coal in a stand-type cyclone furnace with liquid slag removal. A. B. Rozniakov and others. Probl. teploenerg. i prikl. teplofiz. no. 2:11-16 '65.

Viscosity characteristics of the slags of some coals used in power systems. M. I. Vodovenko, L. M. Ershina. Probl. teploenerg. i prikl. teplofiz. no. 2:66-73 '65.

COAL--ANALYSIS

Mineralogical composition of the mineral part of some coals used in power systems. M. I. Vodovenko, N. I. A. Chursina. Probl. teploenerg. i prikl. teplofiz. no. 2:50-65 '65.

COAL--CARBONIZATION see subdivision under Chermokhovo Basin (Irkutsk Province)

COAL--SPECTRA

Study of free radicals in natural coals and semicokes by means of electron paramagnetic resonance. A. A. Sidorov, V. F. Anufrenko. Izv. SO AN SSSR no. 3. Ser. Khim. nauk no. 1:155-158 '66.

COAL--TRANSPORTATION

(see also subdivision under Lvov-Volyn' Basin)

Coal reserves for the annual shipping period. V. Mikhailov. Rech. transp. 23 no. 4:10-11 Ap '64.

Increase the efficiency of bulk cargo movement lines. K. Krutkov. Rech. transp. 23 no. 4:5-7 Ap '64.

COAL, PULVERIZED

Processes in a pulverized coal bunker and their effect on the flow of pulverized coal. N. F. Grechko. Energ. i elek. no. 1:17-18 Ja-F '66.

COAL GASIFICATION

Calculation of the productivity of the reactors of coal gasification systems. I. I. A. Pilonenko. Energ. i elek. no. 1:30-33 Ja-F '66.

COAL GEOLOGY

Effect of the fractured state of rock on the strength of a coal mass. F. P. Babik, G. A. Ivanov. Ugol' 41 no. 8:20-31 Je '66.

COAL MINES AND MINING

(see also subdivision under Donets Basin; Europe, Western; Kuznetsk Basin; Lvov-Volyn' Basin)

Contribution of science to industry. G. I. Nuzhdikhin. Ugol' 41 no. 6:6-8 Je '66.

Evaluating the reliability of the new methods of coal mining. M. I. Veskov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:23-28 '65.

Experience in using the OMKT mechanized stoping equipment complex in the No. 40 "Kurakhovka" coal mine. G. S. Periskis, S. G. Borisenko, V. M. Tubol'tsev. Ugol' 41 no. 6:9-11 Je '66.

In the Permanent Commission of the Mutual Economic Assistance Council for the Coal Industry. K. P. Danilov. Ugol' 41 no. 6:75-76 Je '66.

Technological flow sheets of hydraulic conveying during mining. D. A. Levitskii, N. S. Holotskikh, M. S. Raitrub. Shkht. strol. no. 5:10-21 My '66.

COAL MINES AND MINING--AIR CONDITIONING

Air conditioning in the longwalls of steeply pitching seams using the ShVU-3-DGI semiautomatic air-cooling equipment. G. V. Duganov and others. Ugol' 41 no. 6:40-42 Je '66.

COAL MINES AND MINING--CONGRESSES

The all-Union school for the study of the high loading of longwalls. B. M. Sheharanskii. Ugol' 41 no. 6:66 Je '66.

COAL MINES AND MINING--COSTS

(see also subdivision under Kizel Basin)

Rapid mining of coal seams with the separate removal of coal and rock. I. N. Bondarenko. Ugol' 41 no. 6:35-36 Je '66.

COAL MINES AND MINING--ECONOMIC ASPECTS see subdivision under Karaganda Basin

COAL MINES AND MINING--EQUIPMENT AND SUPPLIES

(see also subdivision under Kuznetsk Basin; Lvov-Volyn' Basin)

Layout and construction of mine telephone networks. V. I. Grelsov, V. V. Glavatskii, I. Z. Elin. Ugol' 41 no. 6:22 Je '66.

Radio wave methods for measurements in the coal industry. E. I. Arsh, A. A. Ivanov, G. R. Novov. Ugol' 41 no. 6:20-22 Je '66.

Repeated use of metallic supports in development workings. L. F. Zorin. Ugol' 41 no. 6:6-7 Je '66.

Study of rock pressure in mining thick seams with the use of flexible shields. S. I. Zapreev, A. K. Kovrizhin, A. I. Nikiforov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:43-50 '65.

Studying stable barings of lateral rocks during mining without supporting the working faces in hydraulic mines. V. V. Gubin. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:141-143 '65.

Upraise drifting with the KPV-1 equipment complex. M. N. Kollin and others. Shkht. strol. no. 5:24 My '66.

COAL MINES AND MINING--FIRES AND FIRE PREVENTION see subdivision under Kizel Basin; Poland

COAL MINES AND MINING--LABOR PRODUCTIVITY

(see also subdivision under Kuznetsk Basin; Lvov-Volyn' Basin)

Experience in the rhythmic work of the V. I. Shumilov brigade with the IK-52m cutter-loader. Ugol' 41 no. 6:16-20 Je '66.

Influence of the coefficient of overburden removal on the index of labor productivity in coal mining. S. A. Drankov, E. F. Chernorutskii, B. T. Rutkovskii. Ugol' 41 no. 6:34-36 Je '66.

Making 390 m of crossheading through hard rock in 31 workdays. I. A. Falner, N. V. Voltrikants, V. E. Malekhov. Shkht. strol. no. 5:16-17 My '66.

A new record of the A. I. A. Khmelev brigade in mining with the PK-3m cutter-loader. L. A. El'gudin, G. A. Kolomin. Ugol' 41 no. 6:20-22 Je '66.

Work of the brigade under the new procedure of planning and economic incentives. D. P. Krasich. Ugol' 41 no. 6:34-35 Je '66.

COAL MINES AND MINING--MANAGEMENT

(see also subdivision under Donets Basin; Kuznetsk Basin; Ukraine)

The all-Union record in using the OMKT equipment complex. K. A. Mamedov and others. Ugol' 41 no. 6:11-13 Je '66.

Economic operation of an enterprise should be based upon the solid foundations of objective estimates. A. I. Nekhoroshev. Ugol' 41 no. 6:51 Je '66.

Highly efficient performance of the "Kirovets" cutter-loader in thin seams. V. A. Tkachenko and others. Ugol' 41 no. 6:14-16 Je '66.

A new stage in the development of our coal industry. F. I. A. Kagan. Shkht. strol. no. 5:1-3 My '66.

Office of economic analysis. A. L. Reiman. Ugol' 41 no. 6:20-30 Je '66.

Processing the time measurement data with the aid of tabulating punched-card machines. O. P. Suslov, M. I. A. Fleishman. Ugol' 41 no. 6:27-28 Je '66.

Tasks of the coal industry in fulfilling the decisions of the 23d Congress of the Communist Party of the Soviet Union. B. P. Bratchenko. Ugol' 41 no. 6:1-5 Je '66.

COAL MINES AND MINING--QUALITY CONTROL

Give special care to the improvement of the quality of coal. P. N. Ivanov. Ugol' 41 no. 6:1-3 Je '66.

COAL MINES AND MINING--RESEARCH

Change of the depth of the zone of breaking as a method of determining the danger of outbursts in stoping sections. E. S. Kotlov, B. T. Sorochinskii. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:35-42 '65.

COAL MINES AND MINING--SAFETY MEASURES

Injection of water into seams as a way of preventing rock bumps. P. F. Proskurnin. Ugol' 41 no. 6:61-62 Je '66.

Liberation of methane from the exposed seam surface in a longwall. S. N. Osipov, E. I. Brzhevskii. Ugol' 41 no. 6:43-45 Je '66.

COAL MINING MACHINERY

Contribution of science to industry. G. I. Nuzhdikhin. Ugol' 41 no. 6:6-8 Je '66.

Cutting anthracite by the BK-52m cutter-loader. R. P. Ovchinnikov, S. F. Spiridonov, G. I. Akimenko. Ugol' 41 no. 6:32-33 Je '66.

Cutting steeply pitching seams by cutter-loaders at the "Iuzhnaia" coal mine. A. S. Shishka, A. P. Shak K. S. Troshkin. Ugol' 41 no. 6:30-31 Je '66.

Expanding the cutter-loader method in mining operations in the Lvov-Volyn' Basin. N. D. Skoba, I. U. T. Kozhen-tsev, I. A. Martynenko. Ugol' 41 no. 6:8-9 Je '66.

The K-101 cutter-loader at the No. 10/10a coal mine. A. A. Egorov. Ugol' 41 no. 6:33-34 Je '66.

Mining with the KN-2B cutter-loader. A. F. Efremov, G. F. Osipchev, N. I. Motveenko. Shkht. strol. no. 5:18-19 My '66.

Performance of the OMKT equipment complexes at the Aleksandriya lignite deposits. N. M. Buevskii, N. G. Glushchenko. Ugol' 41 no. 6:37-39 Je '66.

Prospects for the technological improvement of stoping operations in steeply pitching seams of the Donets Basin. I. D. Gelukh, F. S. Kondrashev. Ugol' 41 no. 6:4-5 Je '66.

Technical and economic results of the reorganization of the "Iuzhnaia" mine of the "Kuzbassugol'" Combine. R. S. Vasil'ev. Ugol' 41 no. 6:55-58 Je '66.

COAL MINING MACHINERY--DESIGN AND CONSTRUCTION

(see also subdivision under Karaganda Basin)

Certain problems in improving the design of frontally advancing machines. L. A. Ziglin. Ugol' 41 no. 6:35-39 Je '66.

COAL MINING MACHINERY--EFFICIENCY

The all-Union record in using the OMKT equipment complex. K. A. Mamedov and others. Ugol' 41 no. 6:11-13 Je '66.

Experience in the rhythmic work of the V. I. Shumilov brigade with the IK-52m cutter-loader. Ugol' 41 no. 6:16-20 Je '66.

Highly efficient performance of the "Kirovets" cutter-loader in thin seams. V. A. Tkachenko and others. Ugol' 41 no. 6:14-16 Je '66.

A new record of the A. I. A. Khmelev brigade in mining with the PK-3m cutter-loader. L. A. El'gudin, G. A. Kolomin. Ugol' 41 no. 6:20-22 Je '66.

Record loads in a slope. G. F. Grigor'ev, V. G. Belikhin. Ugol' 41 no. 6:76-78 Je '66.

COAL MINING MACHINERY--PARTS

High-strength circular-link calibrated chains for coal plows and cutter-loaders. A. V. Dokunin, P. V. Semenchuk, E. E. Gol'dbulkt. Ugol' 41 no. 6:48-51 Je '66.

COAL MINING MACHINERY--TESTING

Operating conditions of vertical drumlike actuating mechanisms. N. F. Pisarev. Ugol' 41 no. 6:48-50 Je '66.

COAL MINING MACHINERY—TESTING (Continued)

Results of the industrial testing of UST plows for thin coal seams. M. P. Lobanov, L. L. Levin, V. I. Podpruzhnikov. Ugol' Ukr. no. 6:17-18 Je '66.

The 21° FN-5e loading equipment for operation in small-cross section workings. V. A. Rumyantsev. Shkhit. stroit. no. 5:26-27 My '66.

COAL PREPARATION

Determining the granulometric composition of coal preparation products. B. A. Zemliakov, F. I. Shirokov. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:132-135 '65.

COAL PREPARATION PLANTS—DESIGN AND CONSTRUCTION

Using the precast and precast-monolithic prestressed reinforced-concrete elements in erecting the main building of a coal preparation plant. I. S. Cheski. Shkhit. stroit. no. 5:22-23 My '66.

COAL PREPARATION PLANTS—LABOR PRODUCTIVITY

Selecting efficient operating conditions for coal preparation plants. I. A. P. Il'chenko, V. S. Tatarinov. Ugol' Ukr. no. 6:48-49 Je '66.

COAL-TAR PRODUCTS

Vinylation and study of the composition of the xylenol fraction of phenols of tars from the semicoking of Cherepkhovo coals. G. G. Skvartsova and others. Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:121-125 '66.

COAL TRADE

Krapchin, I. P. [Expansion of the coal briquet industry in the U. S. S. R.] Razvitie uglebriketnoi promyshlennosti SSSR. Moskva, Nauka, 1966. 134 p.

COAST CHANGES

(see also subdivision under Caspian Sea region; Danube Delta)

Akademika nauk SSSR, Okeanograficheskaya komissiya. Studies of hydrodynamic and morphodynamic processes occurring in seashore zones. Issledovaniia gidrodinamicheskikh i morfodinamicheskikh protsessov beregovoi zony moria. Moskva, Nauka, 1966. 228 p.

COASTS

Transformation of the energy spectrum of wind waves in the coastal zone. I. U. M. Krylov, S. S. Strelakova, V. F. Tsypulikhin. Trudy Solov'evskogo NIIPROekt no. 8: 32-58 '65.

COASTWISE NAVIGATION

Use of rivercraft in coastal shipping. I. U. Bellak. Rech. transp. 22 no. 8:31-32 Ag '64.

COAXIAL CABLES

Oksman, A. K. [Transmission of television signals through coaxial cables] Poredacha televizionnykh signalov po koaksial'nym kabl'iam. [Moskva] Sviat', 1966. 199 p.

COAXIAL CABLES—STANDARDS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet standartov, mier i izmeritel'nykh priborov. [Radio-frequency cables] Kabl'i radiochastotnye (GOST 11326-65 - GOST 11353-65). Izd. otdel'stva. Moskva, Izd-vo Standartov, 1966. 103 p. (SSSR, Gosudarstvennye standarty)

COBALT

Extraction of cobalt from nickel chloride solutions by various types of extractants. L. M. Gindin, I. M. Ivanov, Z. A. Nal'kina. Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:134-136 '66.

COBALT—ANALYSIS

Spectrographic determination of impurities in cobalt solutions. I. G. Udolovich and others. Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:140-142 '66.

COBALT—METALLURGY

[Metallurgy of copper, nickel, and cobalt; alternative course] Metallurgiya med'i, nikel'a i kobal'ta; alternativnyi kurs. [By] V. I. Smirnov i dr. Moskva, Metallurgiya.

Pr. 2. [Metallurgy of nickel and cobalt] Metallurgiya nikel'a i kobal'ta. 1966. 404 p.

COBALT COMPOUNDS

Catalytic properties of some polynuclear compounds of cobalt. Part 2. L. M. Reibel'. Zhur. fiz. khim. 40 no. 5:1112-1117 My '66.

Formation of radicals by the reaction of oxygen with styrene and cobalt. L. N. Denisova, E. T. Denisov, T. G. Degtiareva. Izv. AN SSSR, Ser. khim. no. 8:1003-1007 '66.

COBALT CRYSTALS—MAGNETIC PROPERTIES

Effect of the structure and phase composition on the coercive force of condensed cobalt films. L. S. Palatnik, A. G. Ravlik, S. T. Roshchenko. Izv. AN SSSR, Ser. fiz. 30 no. 6:1055-1058 Je '66.

COBALT-PLATINUM ALLOYS—MAGNETIC PROPERTIES

Temperature dependent magnetic hysteresis in a highly-coercive Co-Pt alloy. I. A. S. Shur and others. Fiz. met. i metalloved. 20 no. 6:938-942 D '65.

COCCIDIOSIS

Coccidia of some bird species of the Barguzin Valley. N. M. Pronin. Uch. zap. Bur. gos. ped. inst. no. 24: 51-56 '61.

COCCYX

Etiology, pathogenesis, and pathomorphology of epithelial passages in the coccygeal area. S. Z. Oganesian. Zhur. eksper. i klin. med. 6 no. 2:55-63 '66.

COCKCHAFFERS—BIOLOGICAL CONTROL

Effect of ecological factors on the infestation of cockchafters with pathogenic micro-organisms. V. I. Okhotnikov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:42-44 '66.

COCOA

Investigating the possibilities of obtaining powdered cocoa with minimum fat content. G. A. Marshalkin, A. I. Dragilev. Khleb. i kond. prom. 10 no. 5:14-15 My '66.

Studying the polyphenol complex of cocoa beans. O. A. Kharlamova. Khleb. i kond. prom. 10 no. 5:17-20 My '66.

COD—LIVER OIL

Quantitative fatty acid composition of medicinal cod-liver oil. S. R. Domnina. Izv. vys. ucheb. zav.; pishch. tekhn. 3:65-68 '66.

CODEINE

Clinical aspects of codeinomania. I. N. Platinitskaia. Zhur. nevr. i psikh. 66 no. 5:757-763 '66.

CODFISH see subdivision under Barents Sea; White Sea

CODING THEORY

Decyclic codes. V. I. Andrianov, V. N. Sankovets. Kibernetika no. 1:11-16 Ja-F '66.

Moscow, Institut avtomatizatsii i telemekhaniki. [Abstract and structural theory of relay devices] Abstraktnaya i strukturnaya teoriia rel'evykh ustroystv. Moskva, Nauka, 1966. 308 p.

Precise methods for studying text structure. M. A. Probst. Kibernetika no. 1:94-100 Ja-F '66.

COENZYME

Coenzyme A content in the developmental cycle of Penicillium nigricans strain producing griseofulvin. L. E. L'vova. Antibiotiki II no. 5:410-422 My '66.

COHESION

Critical opalescence and cohesion energy of polymers. V. E. Eskin, A. E. Nesterov. Vysokomol. soed. 8 no. 6: 1051-1056 Je '66.

COKE INDUSTRY—BY-PRODUCTS

Kononenko, V. M. [Coal, coke, plastics; economic problems of the comprehensive use of Lvov-Volyn Basin coal for chemical processing and as fuel power] Vuhillia, koka, plastmasy; ekonomichni pytannia kompleksnoho khl'mko-energetychnoho vykorystannia vuhillia Lvivs'ko-Volyns'koho basenu. [Lviv] Vyd-vo Lvivs'koho univ., 1965. 161 p.

COKING PLANTS—DESIGN AND CONSTRUCTION

Architecture of recovery plants at by-product coke industry enterprises. V. Ivanov. Arkhit. SSSR no. 5: 42-44 '66.

COLD WELDING

Friction welding of high alloys used in the superchargers of diesel engines. I. G. Val'ter, E. S. Komarcheva. Energomashinostroenie II no. 12:26-29 D '65.

Pressure microwelding in the manufacture of semi-conducting devices. K. K. Krienov, V. D. Tabel'ev, A. A. Rossoshinskii. Dop. AN URSS no. 5:615-618 '66.

COLICINS—PHYSIOLOGICAL EFFECT

Comparative study of the sensitivity of S and R variants of Salmonella gallinarum-pullorum to the effect of colicins. V. A. Filippov. Zhur. mikrobiol., epid. i immun. 43 no. 5:13-17 My '66.

COLLAGEN

Collagen transformation into gelatin. E. A. Zimkin, V. F. Kluchevich. Zhur. prikl. khim. 39 no. 5:1154-1160 My '66.

COLLECTIVE FARMS

(see also subdivision under Georgia; Kirghizistan; Ukraine)

Membership in collective farms. N. Tkova. Rad. pravo 20 no. 6:63-65 Je '66.

The party and the consolidation of the communist farm system. V. Komiakhov. Kommunist 43 no. 9:24-34 Je '66.

Property liability of collective farmers. N. V. Storozhev. Sov. gos. i pravo 36 no. 6:88-90 Je '66.

Torontov, M. L. [Collective farms and commodity and monetary relations] Kolkhozy i tovarno-denezhnye otnosheniia. Moskva, Ekonomika, 1966. 62 p. (Aktual'nye problemy ekonomiki sel'skogo khoz'iatstva)

COLLECTIVE FARMS—ACCOUNTING (see also subdivision under Gomel' Province; Kelm District)

Accounting for collective farm property subject to compulsory insurance. V. Somin. Tr. in. SSSR 40 no. 5:74-75 My '66.

Accounting on collective farms for state bank credit at the settlement of accounts with organizations and individuals. B. Dubnov. Vest. stat. no. 7:47-55 '66.

Business accounting on lease. V. Kosholev. Kommunist. 43 no. 9:126-128 Je '66.

Orlov, B. I. [Accounting in fishing collectives; basic rules] Bukhgalterskii uchot v rybolovestvskikh kolkhozakh; osnovnye polozheniia. Moskva, Pishchevaia promyshlennost', 1966. 187 p.

COLLECTIVE FARMS—AUDITING AND INSPECTION

Nesmil, M. I. [Analysis of the managerial and financial operation of collective farms] Analiz khoz'iaistvenno-finansovoi delatel'nosti kolkhozov. Moskva, Finansy 1966. 123 p.

COLLECTIVE FARMS—FINANCE

(see also subdivision under Ukraine; Uzbekistan)

Credit and collective farm production. G. Belousenko, V. Zaidenvar. Den. i kred. 24 no. 6:18-24 Je '66.

COLLECTIVE FARMS—INTERFARM COOPERATION

Characteristic features of the intercollective farm production cooperation. Kh. Miftakhov. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:104-110 '66.

COLLECTIVE FARMS—LABOR PRODUCTIVITY

(see also subdivision under Kirovograd Province)

Use of labor force and the profitability of collective farm production. A. Zdorovits. Sov. trud 11 no. 119-142 Je '66.

COLLECTIVE FARMS—LAWS AND LEGISLATION

(see also subdivision under Shiryayev District)

Land tenure rights of collective farms. I. G. Zhariko. Sov. gos. i pravo 36 no. 7:90-103 Ji '66.

Russia (1923- U. S. S. R.) Ministerstvo vysshago i srednego spetsial'nogo obrazovaniia. [Program on collective farm law for law schools] Programma po kolkhoznomu pravu dlia turidicheskikh vysshikh uchebnykh zavedenii. [n. p.] Rosvuzizdat, 1962. 8 p.

Well-qualified legal aid should always be available to collective farms. M. Zaitsev, M. Shcherbachenko. Rad. pravo 20 no. 6:52-54 Je '66.

What the model statutes of collective farms should be. I. Sereda. Rad. pravo 20 no. 5:52-55 My '66.

COLLECTIVE FARMS—MANAGEMENT

(see also subdivision under Dagestan)

Five-year plan for the upsurge of communist economy. Kim Pen Khva. Ekon. so'khoz. 41 no. 5:107-111 My '66.

Soviet laws ensure the administration of collective farms according to democratic principles. I. Dmytrenko. Rad. pravo 20 no. 6:59-62 Je '66.

The sower. I. Lukina. Sov. profsoyuzy 22 no. 13:19-21 Ji '66.

Specialization and profitability of collective farm production. E. Galkina. Sov. profsoyuzy 22 no. 10: 20-21 My '66.

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

The salt of the Russian earth. N. Tatarakova. Sov. profsoyuzy 22 no. 10:22-23 My '66.

COLLECTIVE FARMS—PENSIONS (see subdivision under White Russia)

COLLECTIVE LABOR AGREEMENTS

Collective labor agreement under the new conditions. I. Kholostov. Sov. profsoyuzy 22 no. 11:7-9 Je '66.

COLLECTIVE LABOR AGREEMENTS—AGRICULTURE

see subdivision under Byazan Province

COLLECTIVE LABOR AGREEMENTS—METAL INDUSTRIES

see subdivision under Italy

COLLEGE TEACHERS

The work of methodological conferences attended by the teachers of the institutions of higher education located in the same city. V. N. Shebekachev. Vest. vys. shkoly 24 no. 5:43-45 My '66.

COLLIMATORS

High-sensitivity collimators for scanning the thyroid gland. V. P. Smirnov, L. F. Ivanova, E. G. Matveenko. Med. rad. 11 no. 6: 33-37 Je '66.

COLLISIONS (NUCLEAR PHYSICS)

Averaged diffusion cross sections of elastic electron-atom collisions. E. P. Vaulin, V. A. Ovecharenko. Teplofiz. vys. temp. 4 no. 1:136-139 Ja-F '66.

Cross section of the creation of K \bar{K} -pairs in π - π collisions in the low energy region. P. S. Isaev, V. A. Matveev. Izd. fiz. 4 no. 1:198-204 Ji '66.

CTIONS (NUCLEAR PHYSICS) (Continued)

Excitation cross sections of alkali metal atoms
with slow electrons, Part 4. Cesium. I. P.
Ochey, L. L. Shinnon. Opt. i spekt. 20 no. 5:
59 My '66.

Padomju Socialistiska Republikas Zinatnu aka-
[Effective cross sections of the collisions of
ions with atoms] Efektivnye sechenia stolko-
elektronov s atomami. Riga, Zinatne.
ol. 3. [Atomic collisions] Atomnye stolkoventia,
1965. 176 p.

tion of π -mesons in np -collisions at 600 Mev.
Kazarinov, I. U. N. Simonov. Izd. fiz. 4 no. 1:
17 JI '66.

gal molecular interactions and their effect on the
on of the electron spectra of molecules in two-
ment solutions. Part 12. N. G. Bakshiev, I. V.
skaia. Opt. i spekt. 20 no. 5:783-792 My '66.

IDS

s affecting the consolidation rate of particles in
ystem metal - oxide phase. A. A. Deriabina, S. I.
L. V. vs. ucheb. zav.; chem. met. 9 no. 6:
'66.

FES

ing sessions of the 24-Nation Committee.
enko, Nov. vrem. 20 no. 26:21 Je '66.

CENTERS

characteristics of the formation of color centers in
d NaBr crystals. R. I. Didyk, M. V. Pashkovskii,
'Sal'. Opt. i spekt. 20 no. 5:832-835 My '66.
tical consideration of the M -color centers in
als of bivalent metal oxides. B. I. Frezinskii.
LGU 21 no. 10:66-70 '66.

EN INDUSTRY

A. P., and L. I. A. Zhogol'. [Color in the Inter-
-oration of industrial buildings] Tsvet v Inter'ere
shlennykh zdaniil. Kiev, Budivelnik, 1966. 34 p.

OF FLOWERS

of flowers in different latitudes. G. A. Pevtsov,
Pevtsov. Priroda 55 no. 6:100-110 '66.

SENSE

the field of vision in white and colored lights
the climacteric in women. G. M. Nasrullaeva,
Azerb. nauch.-issl. inst. oft. 4:67-91 '65.

METRY

ining macroquantities of manganese. A. A.
ova, Z. I. Basina. [Trudy] UNIKHIM no. 11:
07 '64.

olorimetric determination of iron and silicon
e in dolomite. A. K. Kutarkina, R. G. Syrova,
y] UNIKHIM no. 11:16-22 '64.

olorimetric determination of large quantities
leic and phosphoric acids in the presence of
fluoric acid. A. A. Moshkina, I. G. Kozlova.
y] UNIKHIM no. 11:86-90 '64.

olorimetric method of chromium determination in
ium-ammonium alums. V. I. Zablitsko, G. N.
rova. [Trudy] UNIKHIM no. 11:14-15 '64.

BIA—POLITICS AND GOVERNMENT

in Columbia. Alvaro Delgado, Nov. vrem. 24
22 JI '66.

RES (AGRICULTURAL MACHINERY)

ic effectiveness of the use of the SSh75 self-
led chassis. N. G. Spivak, A. I. Titiaev. Trakt.
khoz mash. no. 6:35-37 Je '66.

RES (AGRICULTURAL MACHINERY)—MAIN-

ANCE AND REPAIR
ing the variable drive of the driving wheels of a
ve. P. Karlov. Tekh. v sel'khoz 26 no. 5:90-91
6.

STION

tion of lean methane-air mixtures. V. N. Abramov,
om'teva. Probl. teploenerg. i prikl. teplofiz.
0-57 '65.

"kinetic" factors on the behavior of particles in
ne chamber. I. P. Basina, A. V. Tonkonogii,
gal. Probl. teploenerg. i prikl. teplofiz. no. 2:124-
5.

paramagnetic resonance method of detection of
radical in a rarefied carbon monoxide flame
small admixtures of hydrogen. I. M. Gershenson
iers. Dokl. AN SSSR 168 no. 4:651-653 Je '66.

on of the dispersity of an atomized liquid. S. I.
ov. Probl. teploenerg. i prikl. teplofiz. no. 2:43-
6.

e of volatiles in the combustion of the particles of
al solid fuel. S. V. Bukhman, N. P. Krylova,
teploenerg. i prikl. teplofiz. no. 2:26-33 '65.

tion for the combustion rate when a homogeneous
heterogeneous reaction are proceeding simulta-
ly. N. N. Bukhman, I. A. Kondrashkov. Dokl.
SR 168 no. 4:844-845 Je '66.

ogical composition of the mineral part of some
sed in power systems. M. I. Vodovenko, N. I. A.
na. Probl. teploenerg. i prikl. teplofiz. no. 2:58-
.

Nomogram for determining excessive air in incomplete
combustion of fuel. I. A. V. Ilyin, P. Galaida. Teploener-
getika 13 no. 5:91 My '66.

Novozhilov, B. V. [Combustion and explosions] Gorenel
vzryv. [Moskva] Znanie, 1966. 78 p. (Narodnyi uni-
versitet: Estestvenno-nauchnyi universitet, no. 5)

Study of the mechanism of the combustion of anthracite
dust. I. P. Ivanova, V. I. Babii. Teploenergetika 13
no. 5:76-81 My '66.

Study of the physicochemical mechanism of the process
of combustion of carbon using a thermal and material
balance method. S. V. Bukhman, E. Narekenov. Probl.
teploenerg. i prikl. teplofiz. no. 2:34-42 '65.

COMBUSTION, SPONTANEOUS

Mechanism of the effect of glow discharge products on
the velocities of hydrogen-oxygen flames within the
ignition peninsula. V. I. A. Basevich, S. M. Gogarko.
Kia. i kat. 7 no. 3:393-400 My-Je '66.

COMBUSTION, THEORY OF

Moscow. Institut goruchikh iskopaemykh. [New
methods of burning fuel and problems of the theory of
combustion] Noveye metody szhiganiia topliv i voprosy
teorii goreniiia. Moskva, Nauka, 1965. 205 p.

COMETS

Flow of the solar wind about a comet. Pt. 2. Z. M. Ioffe,
Astron. zhur. 43 no. 3:655-658 My-Je '66.

COMMERCIAL AGENTS

Announcements. Vnesh. tor. 46 no. 6:56-59 '66.

COMMERCIAL LAW

Examination of the disputes between organizations and
enterprises which involve less than 100 rubles.
L. Korytnyi. Rad. pravo 29 no. 6:73-74 Je '66.

Legal protection of trade samples in the U. S. S. R. P. P.
Gavrilov. Sov. gos. i pravo 36 no. 7:83-88 JI '66.

Right to independently distribute production as established
in the statutes of industrial enterprises. R. Azhimov,
M. Lerman. Sov. iust. 30 no. 13:15-16 JI '66.

COMMERCIAL PRODUCTS

[New consumer goods; Information bulletin] Nov. tov.;
Inform. bul. no. 6 '66.

COMMERCIAL STATISTICS

Moskvina, E. T., and A. I. Patriakov. [Commercial
statistics] Statistika torgovli. Moskva, Zaochnyi
in-t sovetskoi torgovli.

Pt. 2. Riazov, N. N., ed. [Statistics of the turn-
over of goods, prices, overhead, and labor costs in
trade; a textbook for the students of marketing
faculties] Statistika tovarooborota, tsen, izder-
zhok obrashcheniia i truda i torgovte; uchebnoe
posobie dlia studentov tovarovednykh fakul'tetov.
1964. 146 p.

COMMUNICABLE DISEASES see subdivision under
Ukraine, Western

COMMUNICABLE DISEASES IN ANIMALS

Nature of epidemic and epizootic processes. V. K.
Ashikh, Zhur. mikrobiol., epid. i immun. 43 no. 5:
130-138 My '66.

COMMUNISM

(see also subdivision under Germany; Italy;
Kishinev)

Akademii nauk SSSR, Institut ekonomiki mirovoi sotsiali-
sticheskoi sistemy. [The world socialist economic sys-
tem. An edition in four volumes] Mirovaia sotsialistich-
eskai sistema khoziaistva. Izdanie v chetyekh tomkh.
Moskva, Mysl'.

Vol. 1. [The making of the world socialist economic
system] Staniavlenie mirovoi sotsialisticheskoi
sistemy khoziaistva. 1966. 510 p.

Communist movement and world politics. Gylia Kal-
lai. Kommunist 43 no. 10:101-111 JI '66.

Following the road shown us by the party. Radio no. 5:
1-2 My '66.

The general and the particular in the dialectics of
socialism. M. Rozenblat. Kommunist 43 no. 10:74-
85 JI '66.

Giant strides into communism. Voen. znan. 42 no. 6:
2-3 Je '66.

Komunistan, A. R. [Communist ideas during the years of
the Great French Revolution] Kommunisticheskie idei v
gody Velikoi frantsuzskoi revoliutsii. Moskva, Nauka,
1966. 429 p.

Mal'byh, A. I. [Formation of Marxian political economy]
Formirovaniie marksistskoi politicheskoi ekonomii.
Moskva, Politizdat, 1966. 350 p.

Malyshev, I. S. [Economic laws of socialism and planning]
Ekonomicheskie zakony sotsializma i planirovaniie. [Mo-
skva, Ekonomika, 1966] 33 p. (Ekonomisty o novoi kho-
ziaistvennoi reforme v SSSR, no. 3)

Marxist philosophy and scientific communism. A. K.
Kurylov, G. M. Sitarska. Vop. filos. 20 no. 6:27-34
'66.

Philosophical thought of the West in the era of Marxism.
John Lewis. Vop. filos. 20 no. 6:80-91 '66.

Socialist internationalism and the policy of militant
imperialism. M. Marinin. Mir. ekon. i mezhdunar. otn.
no. 6:3-16 '66.

Some problems of the development of Soviet trade during
the period of the building of communism. L. G. Mir-
skova. Trudy INKh no. 28:66-72 '65.

Suscec, A. I. [Essays...] Ocherki... Eliisa, Kalmy-
tskoe knizhnoe izd-vo, 1965. 63 p.
(NIC)

Terlnev, G. V. [The highest phase of communism. Gen-
eral laws of the transformation of socialism into com-
munism] Vysshaiia faza kommunizma. Obshchie zakono-
mernosti pererastaniia sotsializma v kommunizm. Mo-
skva, Mysl', 1966. 101 p. (Osnovy nauchnogo kommun-
nizma)

COMMUNISM—BIBLIOGRAPHY see Bibliography—
Communism

COMMUNISM—STUDY AND TEACHING

The foundation is built during post-graduate studies.
N. I. Kondakova. Vest. vys. shkoly 24 no. 5:83-87 My
'66.

COMMUNISM AND CULTURE

[Cold placers] Zolotyie rossypt. Moskva, Sovetskaiia
Rossiia, 1966. 205 p. (Biblioteka "V pomoshch'
sel'skomu khibnomu rabotniku," no. 4)

COMMUNISM AND LAW see Law and communism

COMMUNISM AND LITERATURE

The attitude to the heritage of the classics. A. Basalai.
Nar. Az i Afr. no. 3:130-133 '66.

Shoshin, V. A. [The poet and the world; creative individ-
uality in Soviet poetry] Poet i mir; o tvorcheskoi indivi-
dual'nosti v sovetskoi poezii. Moskva, Nauka, 1966.
184 p.

Tertz, Abram, pseud. [Thought unaware] Mysli
vrasplokh. Velup, stat'ia A. Fil'd. New York,
Izd-vo i knizhnoe agenzstvo I. G. Rauzena, 1966.
157 p. [In English and Russian]

COMMUNISM AND SOCIETY

Tuzov, N. P. [The paths of transition to socialism are
various] Puti perekhoda k sotsializmu mnogobrazny.
Leningrad, Znanie, 1966. 44 p.

COMMUNIST COMPETITION

The communist labor movement and the combining of
physical and intellectual work in the U. S. S. R. V. G.
Mgorov. Uch. zap. Ped. inst. Gerts. 286:110-133 '66.

Competition and unsolved problems. N. Polozhenko,
Zhil. -kom. khoz. 14 no. 5:7 My '64.

The march of communist brigades. Agitator no. 8:32-35
Ap '64.

COMMUNIST COUNTRIES—COMMERCE

Vaganov, B. S., ed. [Foreign trade of socialist
countries; problems of theory] Vneshniaia torgovlia
sotsialisticheskikh stran; voprosy teorii. Moskva,
Mezhdunarodnye otnosheniia, 1966. 252 p.

COMMUNIST COUNTRIES—CULTURAL RELATIONS

Molochko, A. D. [On the objective and subjective
prerequisites for further cultural relations and
rapprochement among the socialist nations; a report
presented at an inter-republic conference, dedicated
to the 25th anniversary of the reestablishment of
Soviet power in the Baltic regions] Ob ob'ektivnykh
i sub'ektivnykh predposylok daniel'shego kul'tur-
no obshcheniia i sblizheniia sotsialisticheskikh
natsii; doklad na mezhdunarodnoi konferentsii,
posvashchennoi 25-letii vosstanovleniia sovetskoi
vlasti v Priballtiko. Minsk, Pravlenie ob-va "Znanie"
Belorusskoi SSR, 1965. 24 p.
(CSI-II)

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

The great power of an example. V. Agarkov. Mol.
komm. no. 8:20-30 Ag '64.

COMMUNIST COUNTRIES—ECONOMIC POLICY

Correlation of national and international factors in the
development of the world socialist system. I. V. Du-
dinskii. Vop. filos. 20 no. 6:14-26 '66.

COMMUNIST COUNTRIES—FOREIGN ECONOMIC

RELATIONS—UNDERDEVELOPED AREAS

Akademii nauk SSSR, Institut ekonomiki mirovoi sotsiali-
sticheskoi sistemy. [Problems of cooperation between
the socialist and developing countries; economic rela-
tions] Problemy sotrudnichestva sotsialisticheskikh i
razvivaiushchikhsia stran; ekonomicheskie otnosheniia.
[Moskva] Nauka, 1966. 254 p.

COMMUNIST COUNTRIES—RAILROADS—INTER-

NATIONAL COOPERATION
Fruitful collaboration of the railroads of socialist coun-
tries. Zhel. dor. transp. 48 no. 5:83-84 My '66.

COMMUNIST COUNTRIES—TRANSPORTATION

Economic ties and the development of transport in the
Commec countries. L. Chertkov. Vop. ekon. no. 8:
101-110 Je '66.

COMMUNIST EDUCATION

(see also subdivision under Khab; Ves'yegonsk region, Kalinin Province)

The education of the builders of communism. V. Evdokimov. Agitator no. 8:28-31 Ap '64.

[From knowledge to convictions; an aid for propagandists of Marxist-Leninist philosophy] Ot znanii k ubezhdeniyam; v promoshchi propagandistam marksistsko-leninskoi filosofii. [Kubyshev] Kubyshevskoe knizhnoe izd-vo, 1965. 206 p. (CST-II)

Monoszon, E.I., ed. [Forming a philosophical outlook in students of eight-year schools during the course of instruction and work] Formirovaniye mirovozzreniya uchashchikhsia vov'miletnei shkoly v protsesse obucheniya i truda. Moskva, Prosveshchenie, 1966. 254 p.

On the eve of the new school year: review of letters to the editor. Part. zhizn' no. 15:63-67 Ag '66.

Our new generation will adhere to communist ideology too. G. Chelnokov. Nar. obr. no. 6:57-59 Je '66.

Pedagogical seminar in a school. S. Ovchinnikov. Sov. torg. 39 no. 6:59 Je '66.

COMMUNIST ETHICS

Moral significance of socialist democracy. V. Patochkin. Rad. pravo 28 no. 6:17-20 Je '66.

Skopina, K.P. [Kin to everybody] Vsem ljudiam rodna. [Moskva] Molodai gvardia, 1966. 157 p.

COMMUNIST PARTY see subdivision under Canada; China; Ecuador; France; India; United States

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Turkmenistan)

Artamonov, I.S. [Initiative and responsibility: the party committee as the organizer of an economic experiment] Initsiativa i otvetstvennost': partkom-organizator ekonomicheskogo eksperimenta. Moskva, Politizdat, 1966. 46 p.

Bakhtshiev, D.IU. [New features in the Statute of the CPSU] Novoe v ustave KPSS. [Moskva] Moskovskii rabochii, 1966. 46 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

[Beginning of the workers' movement and the spread of Marxism in Russia, 1883-1894; consultations and methodological advice] Nachalo rabochego dvizheniya i rasprostraneniye marksizma v Rossii, 1883-1894 gody; konsultatsii, metodicheskie soveti. Moskva, Moskovskii rabochii, 1965. 124 p. (NcU)

Booklets on party groups. G. Shitarev. Part. zhizn' no. 13:74-76 Ji '66.

The CPSU is an international party. N.A. Barsukov, A.R. Shaidulin, I.N. Iudin. Vop. ist. KPSS 10 no. 7:3-15 Ji '66.

The course of the CPSU is the course of Lenin. Agitator no. 8:2-9 Ap '64.

Dushanbe Gosudarstvennyi pedagogicheskii institut. Kafedry istorii KPSS i politekonomii. [Studies of the Departments of History of the CPSU and Political Economy] Uchenye zapiski. Dushanbe, Irfon, 1964. 178 p. (CST-II)

Irreplacable avant-garde. M. Grigorov. Agitator no. 8:20-23 Ap '64.

It wasn't just for the sake of form. S. Nikitin. Part. zhizn' no. 14:42 Ji '66.

Klochko, V.F. [Marxist-Leninist theory of the party and the development of this theory in the programs of the CPSU] Marksistsko-leninskoe uchenie o partii i ego razvitiye v programakh KPSS. Moskva, Mysl', 1966. 74 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. [Statute of the Communist Party of the Soviet Union] Ustav Kommunisticheskoi partii Sovetskogo Soiuza. Moskva, Politizdat, 1964. 287 p. (CST-I)

Kraychenko, A.S. [What the Congress has said on primary organization] Chto skazal s'ezd o pervichnoi organizatsii. [Moskva] Moskovskii rabochii, 1966. 47 p. (Seria "XXIII s'ezd i voprosy partinogo stroitel'stva")

Moscow, Akademiya obshchestvennykh nauk, [Problems of the party guidance of the development of the national economy] Voprosy partinogo rukovodstva razvitiem narodnogo khoziaistva. Moskva, Mysl', 1966. 174 p.

Naldie, I.G. [New stage of party leadership in economic matters] Partinoye rukovodstvo khoziaistvom na novom etape. [Moskva] Moskovskii rabochii, 1966. 47 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

Pamphlet series for young Communists. N. Davydova. Mol. komm. no. 8:122-125 Ag '64.

Party democracy and the responsibility of Communists. Kommunist, 43 no. 10:3-13 Ji '66.

Party organizations in the administrations of industrial enterprises. G. Magaev. Part. zhizn' no. 13:41-42 Ji '66.

Personnel of the party apparatus. Part. zhizn' no. 14:32 Ji '66.

Procedure in the implementation of some articles of the statutes of the CPSU. Part. zhizn' no. 13:44-45 Ji '66.

Strengthening the party guidance of trade unions in the early phase of industrialization. G.S. Eskov. Vop. ist. KPSS 10 no. 7:36-36 Ji '66.

Structure of the large local organizations of the party. M. Zakharchenko, T. Kiseleva, A. Gaponov. Part. zhizn' no. 14:40-42 Ji '66.

[Studies on the history of the CPSU; an interdepartmental collection] Nauchniye pratsi s istorii KPSS; mlzvidomchii nauchnoy zhbirny. [Kyiv] Vyd-vo Kyivskoho univ. No. 1. 1965. (CAOTU)

The 23d Congress of the CPSU on the increased role of the party in the present-day stage of the building of communism. M.A. Vladimirov. Vop. ist. KPSS 10 no. 7:80-90 Ji '66.

COMMUNIST PARTY OF THE SOVIET UNION--CONGRESSES

International role of the 23d Congress of the CPSU. P.N. Reshetov, V.P. Fedotov. Vop. ist. KPSS 10 no. 7:70-80 Ji '66.

International significance of the 23d Congress of the CPSU. I.U. Popov. Komm. Vooruzh. Sil 47 no. 14:7-14 Ji '66.

Proletarian internationalism and peaceful coexistence. V. Trukhanovskii. Mezhdunar. zhizn' 13 no. 8:75-82 Ji '66.

Tasks of the coal industry in fulfilling the decisions of the 23d Congress of the Communist Party of the Soviet Union. B.F. Bratchenko, Ugel' 41 no. 8:1-5 Je '66.

Tasks of the science of military medicine in the light of the demands of the 23d Congress of the CPSU. Voenn. med. zhurn. no. 6:3-6 Je '66.

The 23d Congress of the CPSU and the problems of the economic cooperation of socialist countries. M. Sladkovskii. Vop. ekon. no. 6:92-100 Je '66.

COMMUNIST PARTY OF THE SOVIET UNION--MEMBERSHIP

It's the problem of utmost importance. V. Zimkov. Part. zhizn' no. 13:43 Ji '66.

Morozov, P.D. [New demands on the work with membership groups] Novye trebovaniya v rabotu s kadrami. [Moskva] Moskovskii rabochii, 1966. 45 p. (Seria "XXIII s'ezd KPSS o voprosy partinogo stroitel'stva")

Some problems of admission into the party. Komm. Vooruzh. Sil 47 no. 14:33-38 Ji '66.

Sylarenko, A.N. [The high honor of being a Communist] Vysokoe zvanie kommunist. [Moskva] Moskovskii rabochii, 1966. 47 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

An unacceptable suggestion. M. Vania. Part. zhizn' no. 13:44 Ji '66.

What should be done in cases when a proposal for admission to the CPSU didn't get the required majority. G. Solov'ev. Part. zhizn' no. 15:47-48 Ag '66.

COMMUNIST PARTY OF THE SOVIET UNION--PARTY WORK

(see also subdivision under Altai Territory; Azerbaijan; Gorky Province; Kurek Province; Lithuania; Mordovia; Perm Province; Samy Province; Sverdlovsk Province)

Chetverikova, M.P. [The development of the creative activity of the masses] Razvitiye tvorcheskoi aktivnosti mass. [Moskva] Moskovskii rabochii, 1966. 20 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

For a creative approach to assigned work. N. Kulish. Part. zhizn' no. 14:30-39 Ji '66.

Great opportunities for creative work. V. Diukov, S. Mogilat. Kommunist 43 no. 10:23-33 Ji '66.

Initiative of the Communists. I. Vinokurov. Part. zhizn' no. 14:50-63 Ji '66.

Let us increase responsibility for the carrying out of assigned work. Part. zhizn' no. 14:3-7 Ji '66.

More about the reports which aren't required by governmental agencies. Part. zhizn' no. 15:40 Ag '66.

Moscow, Akademiya obshchestvennykh nauk, [Problems of ideological party work] Voprosy ideologicheskoi raboty partii. Moskva, Mysl', 1966. 270 p.

Party news. Part. zhizn' no. 13:70-80 Ji '66.

Party news. Part. zhizn' no. 14:70-80 Ji '66.

[Party organizers; from the practice in party work in villages] Partorganizatory; iz opyta partinoy raboty na sote. [Donetsk] Donetskoe knizhnoe izd-vo, 1963. 46 p. (Resheniia natsional'nogo plenuma TsK KPSS - v zhizn') (CST-II)

Party political work in the hospitals of Soviet Armed Forces in the years of the Great Patriotic War. Voenn. med. zhurn. no. 5:81-83 My '66.

Party work in the institutions of higher education. V. Mochalov. Kommunist 43 no. 10:34-42 Ji '66.

A persuasive and comprehensible propaganda. V. Rybaklin. Part. zhizn' no. 14:57-58 Ji '66.

Political education of the masses. A. Nchbenzin. Kommunist, 43 no. 10:14-22 Ji '66.

Preparing for the introduction of the new methods of work. O. Rukavishnikov. Part. zhizn' no. 13:16-49 Ji '66.

Shitarev, G.I. [Growing role of the CPSU and the tasks of party work] Vozrastaniye roli KPSS i zadachi partinoy raboty. [Moskva] Moskovskii rabochii, 1966. 61 p. (Seria "XXIII s'ezd KPSS i voprosy partinogo stroitel'stva")

A study room conveys information on the decisions of the party congress. P.P. Guk. Vest. vys. shkoly 24 no. 6:70-71 Je '66.

Tapkin, N.K. [A propagandist answers a provocative question] Propagandist otvechaet na ostroy vopros. [Moskva] Moskovskii rabochii, 1966. 62 p. (Besedy o propagandistkom maisteratse)

"Unplanned" speakers. N. Mikhailov. Part. zhizn' no. 13:42-43 Ji '66.

COMMUNIST STATE

An urgent study. A.V. Mutskevich, I.U. A. Sokolov. Sov. gos. i pravo 36 no. 6:137-138 Je '66.

COMMUNIST YOUTH LEAGUE

(see also subdivision under Krivoy Rog; Kustanay Province; Latvia; Pavlodar Province; Voronezh)

An ascending spiral. M. Gafurov. Mol. komm. no. 8:31-41 Ag '64.

Comrade L.I. Brezhnev's speech at the 15th Congress of the V.I. Lenin All-Union Communist Youth League, May 17, 1966. Nar. obr. no. 6:3-8 Je '66.

A concern for each member of the Komsomol. Knizh. torg. 17 no. 6:4 Je '66.

[Effect of romance] Effekt romantiki. Moskva, Pravda, 1966. 77 p. (Biblioteka "Komsomol'skoi pravdy," no. 5)

Excerpts from the resolution of the 15th Congress of the V.I. Lenin All-Union Communist Youth League based on the report of Comrade S.P. Pavlov. Nar. obr. no. 7:14-15 Ji '66.

Forty years with the name of Lenin. V. Krivoruchenko. Mol. komm. no. 8:42-46 Ag '64.

A forum of enthusiasm. V. Platonov. Knizh. torg. 17 no. 6:9-11 Je '66.

[From generation to generation, 1917-1964] Ot pokoleniya k pokoleniyu, 1917-1964. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 350 p. (CST-II)

Komsomol members in the institutions of higher education will carry out the plans of the party. M.I. Zhuravleva. Vest. vys. shkoly 24 no. 5:3-9 My '66. Let's be friends with books! Knizh. torg. 17 no. 6:5 Je '66.

A message from the Central Committee of the CPSU to the 15th Congress of the V.I. Lenin All-Union Communist Youth League. Nar. obr. no. 6:1-3 Je '66.

Povzner, M.N. [Two banners] Dva znaniya, Moskva, Izd-vo VOAAP, 1966. 189 p.

The rights of "owners." I.U. El'chenko. Mol. komm. no. 8:33-71 Ag '64.

Samarin, V.A. [I live among friends; notes of a journalist] Zhivu sredi druzel; zametki publistata. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. X Seria; Molodezhnaya, no. 11)

Skopina, K.P. [Kin to everybody] Vsem ljudiam rodna. [Moskva] Molodai gvardia, 1966. 157 p.

Voluntary participation in community work as the subject of an investigation. V. Mordkovich, L. Arkhangelskii, I.U. Volkov. Mol. komm. no. 8:75-81 Ag '64.

COMMUNIST YOUTH LEAGUE--CONGRESSES

Vsesoyuznyi Leninizmi kommunisticheskii soluz molodezhi 15th s'ezd, 1966. [Resolutions and documents of the 15th Congress of the Communist Youth League] Rezolyutsii i dokumenty. [Moskva] Molodai gvardia, 1966. 43 p.

COMMUNISTS

(see also subdivision under Canton, China)

Communists are tireless fighters for the objectives of the party. Part. zhizn' no. 13:3-7 Ji '66.

[Life devoted to struggle] Zhizn' otidannaya bor'be. Izd. 2, ispr. i dop. Moskva, Nauka, 1966. 670 p.

COMMUNITY AND SCHOOL

Friendly cooperation between a factory and a school. A. Romanov. Part. zhizn' no. 13:55-58 Ji '66.

Social forces and schools. A. Grigor'eva. Nar. obr. no. 7:40-52 Ji '66.

COMMUNITY CENTERS

(see also subdivision under Lvov)

Social, cultural, and educational centers for construction in rural settlements. N. Platonova, V. Kulaga. Arkhiv. SSSR no. 5:27-37 '66.

COMMUNITY LIFE see subdivision under Michurinsk

COMMUTATION (ELECTRICITY)

Concerning the article "Criteria of commutation intensity of d.c. machines." P.S. L'vovskii, I.I. Bodrov. Elektrotehnika 37 no. 5:59 My '66.

Effect of unit surface and volume losses on the collector and its monolithic characteristics on the formation of circle fires. B.R. Bondarenko, A.A. Suravikov. Izv. vuzov, vych. zav.; elektromekh. 0 no. 5:575-580 '66.

COMPARATIVE LITERATURE see Literature, Comparative

COMPARATIVE PHYSIOLOGY see Physiology, Comparative

COMPLEMENT FIXATION

Selection of optimal solvents for the components of the complement fixation reaction in foot-and-mouth disease. G.P. Kornilevskaya, F.P. Kurchenko. Vop.vet.virus. 2:628 '66.

Simple method for the standardization of suspensions of ram erythrocytes for the complement fixation reaction in foot-and-mouth disease. G.P. Kornilevskaya, F.P. Kurchenko. Vop.vet.virus. 2:629 '66.

Testing cultural antigens in the complement fixation reaction in foot-and-mouth disease. G.P. Kornilevskaya, F.P. Kurchenko, Z.I. Nesterenko. Vop.vet.virus. 2:135-143 '66.

COMPLEMENTS (IMMUNITY)

Complement activity of the blood serum in infectious hepatitis in children. K.A. Amirzhanov, K.G. Mamet'eva. Azerb.med.zhur. 43 no.4:78-82 Ap '66.

COMPLEX COMPOUNDS

Bimolecular alkylidenecarylamines. Part 10: Intramolecular donor-acceptor interaction in α -2-methyl-4-anilino-1,2,3,4-tetrahydroquinoline. L.P. Zalozhnev, L.A. Spitsyna. Zhur.ob.khim. 36 no.6:1052-1055 Je '66.

Chemiluminescent reaction in the system luminol - copper (II) - zinc(II) - hydrogen peroxide. A.K. Babko, L.I. Dubovenko, I.S. Mikhailova. Zhur.anal.khim. 21 no.5:549-552 '66.

Complex compounds of metals with some nitrogen-containing ligands. Part 3: Complex compounds of tin and titanium tetrachlorides with indazole and its derivatives. A.D. Garinovskii and others. Zhur.ob.khim. 36 no.6:1063-1069 Je '66.

Effective polarization of water in hydrates of some complex molybdenum, tungsten, and niobium oxyfluorides. L.I. Baranova and others. Zhur.struk.khim. 7 no.2:273-274 Mr-Apr '66.

Spectrophotometric study of ascorbate complexes. Part 6: Study of the systems Zr^{IV} , V^{IV} , Nb^{IV} , Ta^{IV} , Mo^{IV} - ascorbic acid. K.P. Stollárov, I.A. Anantova. Vest.LGU 21 no.10:133-138 '66.

COMPLEX COMPOUNDS—ELECTRIC PROPERTIES

Some electrophysical properties of low-molecular charge transfer complexes introduced into a polymer film. E.A. Silin, D.E. Plamane. Elektrokhimia 2 no.6: 732-734 Je '66.

COMPLEX COMPOUNDS—SPECTRA

Structure of π -complexes formed by ions of d-family elements and olefins. Part 1. V.A. Tulupov, D.N. Shigorin, N.V. Verezh. Zhur.fiz.khim. 40 no.5: 1020-1025 My '66.

COMPLEX NUMBERS see Numbers, Complex

COMPLEXONS

Direct potentiometric determining of calcium and manganese by successive titration with complexon III. M.T. Berkovich, A.M. Sirina. [Trudy] UNIKHIM no.11: 38-45 '64.

Physicochemical method of determining aluminum and iron in chromites and charges. M.T. Berkovich, A.M. Sirina, N.L. Lagunova. [Trudy] UNIKHIM no.11:26-37 '64.

Rapid method of boron determination in the presence of copper. A.K. Kutaridina, G.A. Moshkareva, M.D. Chutverkina. [Trudy] UNIKHIM no.11:73-77 '64.

Type of complex formation during dissolution of some sparingly soluble compounds in solutions of complexons. Part 1: Solubility of lanthanum oxalate in the presence of EDTA. N.N. Kuznetsov, V.A. Logvinenko. Izv.SO AN SSSR no.3.Ser.khim.nauk no.1:56-70 '66.

Type of complex formation during dissolution of some sparingly soluble compounds in solutions of complexons. Part 2: Some complexons of lanthanum with EDTA. A.V. Nikolaev, V.A. Logvinenko, N.N. Kuznetsov. Izv.SO AN SSSR no.3.Ser.khim.nauk no.1:71-74 '66.

Use of complexon III in a rapid analysis of ferrotitanium. E.S. Brulle. Zhur.prikl.khim. 39 no.5:1192-1194 My '66.

COMPLICATIONS OF PREGNANCY see Pregnancy, Complications of

COMPOSERS, LATVIAN

[Musicians and composers of Soviet Latvia] Podomju latvijas muzikas darbinieki. Riga, Liesma, 1965. 663 p. [In Latvian]

COMPOST

Chernova, N.M. [Zoological characteristics of composts] Zoologicheskaya kharakteristika kompostov. Moskva, Nauka, 1966. 163 p.

Mechanized sorting of composts of old dumps. I. Zosov and others. Zhil.i.kom.khoz. 16 no.7:31-32 Ji '65.

COMPRESSED WOOD see Wood, Compressed

COMPRESSORS

Determination of oil expenditure in the injector of a screw compressor. P.A. Andreev, N.I. Bobrikov, N.N. Sidorin. Energomashinostronenie 11 no.12:37 D '65.

Determination of the expenditure coefficient in the calculation of openings in the surge preventing bypass of axial-flow compressors. V.N. Ershov, G.V. Pavlenko, M.G. Nikolaenko. Teploenergetika 13 no.5:89-90 My '66.

Determining optimum indices of the operation of compressor aggregates. A.V. Aleksandrov. Gae.prom. 11 no.5:16-19 '66.

Effect of the nonuniformity of the distribution of the axial speed projection at the entrance of the rotor of an axial-flow compressor on the principal parameters of the stage. V.N. Novoteltsov. Izv.vys.ucheb.zav.; energ. 9 no.5:113-115 Je '66.

Experimental study of the operation of a lamellar regenerator of the GT-700-4 gas turbine system of the KS-5 compressor of the gas pipeline between Northern Caucasus and the Central Industrial Chernozem Region. B.P. Poroshakov, B.S. Tolubekov. Probl.teploenerg.i prikl.teplofiz. no.2:111-123 '65.

Locomotive rotor compressor. A.A. Sharunin. Zhel.dor.transp. 48 no.5:55-57 My '66.

Study of the form of the meridional cross section of the interstage channel of a section of a centrifugal compressor. V.I. Zykov. Energomashinostronenie 12 no.5:19-22 Je '66.

Uniflow valves for piston compressors. N.I. Rishitsev and others. Prom.energ. 21 no.5:10-14 My '66.

COMPRESSORS—ABSTRACTS

[Journal of abstracts: Manufacture of pumps and compressors] Ref. zhur.: Nasosost. i kompressorost. nos.5-8 My-Je '66.

COMPRESSORS—STANDARDS

New All-Union State Standard on turbocompressors. V.K. Efimov. Energomashinostronenie 11 no.12:30 D '65.

COMPRESSORS—TECHNOLOGICAL INNOVATIONS see subdivision under Erivan

COMRADES COURTS

Comrades courts need our assistance. V. Orlovskiy. Rad.pravo 20 no.6:75-76 Je '66.

Guarding discipline and order. Sov.praofsoyuz 22 no.12:18-19 Je '66.

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots.trud 11 no.6:143-145 Je '66.

Our readers evaluate the work of comrades courts. Rad.pravo 20 no.6:79-81 Je '66.

CONCRETE

Dependence of the strength of fine lime concrete on hydrothermal processing regimes. Z.A. Abueva, N.M. Lomidze. Bet.i.zhel.-bet.[Tiflis] 1:55-59 '65.

Mechanism of moist deformations of silicate autoclave cellular concretes. N.N. Skoblinkskaya. Zhur.prikl.khim. 39 no.5:1012-1018 My '66.

Optimum duration of the mixing of raw material mixtures in slurry tanks. P.R. Taube, I.U. Kuznetsov, M.A. Shumakina. Stroi.mat. 12 no.2:37-38 F '66.

Resistance of concrete surfaces to the action of a current of water and cavitation erosion. I.K. Sivakov, L.I. Kots, O.V. Kuntsevich. Sbor.trud.LIIZHT no.230:89-120 '65.

Some problems in proportioning the composition of concrete for large dams. I.A.E. Iokhel'son, O.V. Kuntsevich. Sbor.trud.LIIZHT no.230:37-67 '65.

Strength of cement concrete. M.I. Volkov, I.M. Grushko, A.G. Tikh. Avt.dor. 20 no.2:18-20 F '66.

CONCRETE—FORMWORK

Using thermoactive forms in the two-stage heat and moisture treatment of gas slag concrete. I.M. Ben'lamirnovich and others. Stroi.mat. 12 no.2:15-7 F '66.

CONCRETE—TESTING

Dependence of the strength and deformability of moist and dry samples on the rate of loading. R.A. Chikovan. Bet.i.zhel.-bet.[Tiflis] 1:34-39 '65.

Sampling control of concrete. R.I. Budeshskii. Bet.i.zhel.-bet.[Tiflis] 1:46-47 '65.

Strength and deformability of concrete under repeated load. O.P. Kvirkadze. Bet.i.zhel.-bet.[Tiflis] 1: 14-23 '65.

CONCRETE—TRANSPORTATION

Determination of the optimum plan for the transportation of concrete and reinforced concrete structural elements of precast concrete housing construction by mathematical programming methods. G.V. Pateishvili. Bet.i.zhel.-bet.[Tiflis] 1:99-105 '65.

CONCRETE, FROST RESISTANT see Frost resistant concrete

CONCRETE BEAMS

Kuznetsov, N.V. [Simplified calculation of reinforced concrete beams and slabs for flexure and lateral force action] Uproshchennyi raschet zhelezobetonnykh baltok i plit na progi i detslie poperechnykh sil. Kiev, Budivelnik, 1966. 70 p.

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION

Use of polymer materials for protecting concrete from the aggressive sea environment. G.V. Sokolov, I.M. Mogilevskii. Ryb.khoz. 42 no.5:55-57 '66.

CONCRETE CONSTRUCTION—FORMWORK see subdivision under Tiflis

CONCRETE CONSTRUCTION—MODELS

Koily, V.G. [Determining the parameters of concrete pillars capable of resisting the effect of hole blasting; design methods] Opredelenie parametrov betonnykh tsilindrov, sposobnykh protivostoiat' vozdetsitvlu vzryvov skvazhin; metodika rascheta. Moskva, Institut gornogo dela Im. A.A. Skochinskogo, 1965. 11 p.

CONCRETE DAMS

Concrete requirements of high dams. S.A. Frid. Sbor.trud.LIIZHT no.230:5-9 '65.

Some problems in proportioning the composition of concrete for large dams. I.A.E. Iokhel'son, O.V. Kuntsevich. Sbor.trud.LIIZHT no.230:37-67 '65.

CONCRETE DAMS—FOUNDATIONS

Calculating the foundation slab of a dam taking into account the method of erecting it. N.P. P'lin. Sbor.trud.LIIZHT no.230:143-145 '65.

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS see subdivision under Vinnitsa Province

CONCRETE REINFORCEMENT

Rheological properties of high-strength reinforcing wire undergoing electrothermochemical processing. K.G. Gabutina. Bet.i.zhel.-bet.[Tiflis] 1:74-78 '65.

CONCRETE REINFORCEMENT—WELDING

Moscow. [TSentr'nyi nauchno-issledovatel'skii institut stroitel'nykh konstruktov. [Technological recommendations on the welding of reinforcements for reinforced concrete elements] Tekhnologicheskie rekomendatsii po svarke armaturny zhelezobetonnykh konstruktov. Moskva, Stroizdat, 1966. 80 p.

CONCRETE ROADS see Roads, Concrete

CONCRETE SLABS

Kuznetsov, N.V. [Simplified calculation of reinforced concrete beams and slabs for flexure and lateral force action] Uproshchennyi raschet zhelezobetonnykh baltok i plit na progi i detslie poperechnykh sil. Kiev, Budivelnik, 1966. 70 p.

CONCRETIONS

Makodonov, A.V. [Recent concretions in sediments and soils and the characteristics of their geographical distribution] Sovremennyye konkretai v osadkakh i pochvakh i zakonornosti ikh geograficheskogo rasprostraneniya. Moskva, Nauka, 1966. 283 p. (Moskovskoe obshchestvo lyubitel' prirody. Trudy, vol.19)

CONDENSATE OIL WELLS

Calculating contact and differential condensation of hydrocarbon mixtures. G.P. Gurevich. Trudy MINKHIGP no.57:155-159 '66.

Hysteresis in the development of gas condensate wells. E.S. Sadykhzade, V.K. Karakashev, D.Kh. Ismailov. Izv.vys.ucheb.zav.; nef't' i gaz. 9 no.2:41-47 '65.

Preliminary processing of gas in the field and combined investigations of gas condensate wells. S.S. Gatsulaev, R.B. Enamitlov. Gae.dela no.5:13-19 '66.

Schemes for pressure regulation at group points of gas-condensate fields. P.F. Vodnyansk. Avtomatika 10 [i.e.11] no.3:60-65 '65.

Stabilization of condensates in gas condensate fields. I.T. Balyberdina, I.U.F. Makogon. Trudy MINKHIGP no.57:180-196 '66.

CONDENSERS (ELECTRICITY)

Geometric factors and thermal characteristics of a power condenser. N.I. Nazarov. Izv.vys.ucheb.zav.; energ. 9 no.6:33-39 Je '66.

Lomanovich, A.A. [Handbook on radio components; resistors and condensers] Spravochnik po radiodetallam; soprotivleniya i kondensatory. Moskva, DOSAAF, 1965. 61 p.

CONDENSERS (STEAM)

Distribution of rubber balls in steam turbine condenser tubes. V.F. Ianchenko, P.G. Men'. Izv.vys.ucheb.zav.; energ. 9 no.5:122-126 My '66.

Dynamics of mixing condensers. M.L. Mal'tsev, E.I. Taubman. Izv.vys.ucheb.zav.; energ. 9 no.6:78-82 Je '66.

Layout of battery hydraulic columns with pre-switched coolers. V.O. Moroz, A.M. Kosak. Izv.vys.ucheb.zav.; pishek, tekhn. no.3:128-130 '66.

Manufacture of condenser brass tubes by new methods. S.S. Zuev, A.A. Titov, L.L. Rodionova. Energomashinostronenie 12 no.5:38-39 Je '66.

CONDITIONED RESPONSE

Alimentary behavior of dogs in normal and experimental-ly changing water-salt exchange. I. P. Nikitina. Vest. LGU no. 9:94-105 '66.

Automatic device for the collision of the alimentary and defensive reflexes in dogs. B. I. Davydov. Zhur. vys. nerv. deiat. 16 no. 3:571-572 My-Je '66.

Bioelectrical activity of antagonist muscles in the course of the formation of a motor habit. T. S. Kh. Bratanova. Zhur. vys. nerv. deiat. 16 no. 3:411-416 My-Je '66.

Changes in the conditioned reflex activity in rats of different ages under the effect of rotation. S. I. Nudman. Zhur. vys. nerv. deiat. 16 no. 3:550-551 My-Je '66.

Changes in the electroencephalogram during the orienting and food-procuring conditioned reflexes to a chain stimulus in rabbits. L. G. Voronin, G. Apostol, L. V. Kalluzhnyi. Zhur. vys. nerv. deiat. 16 no. 3:395-403 My-Je '66.

Characteristics of the conditioned response activity in dogs in the formation of reflexes to pure tones in the range of 530 to 15,000 cps. N. N. Lazuko. Zhur. vys. nerv. deiat. 16 no. 3:443-448 My-Je '66.

Characteristics of the formation of motor and alimentary (situational) conditioned response to different visual stimuli in dogs. N. S. Burakova. Zhur. vys. nerv. deiat. 16 no. 3:437-442 My-Je '66.

Conditioned response activity of dogs in ontogeny and its change following stimulation of mechanoreceptors of the stomach. N. A. Moiseeva. Trudy Inst. fiziol. 11:58-62 '65.

Defensive conditioned reflexes in dogs following complete hemispherectomy. F. N. Serkov, R. F. Makul'kin, G. I. Fedorovich. Zhur. vys. nerv. deiat. 16 no. 3:417-425 My-Je '66.

Effect of oxygen-rich medium under normal atmospheric pressure on the formation of conditioned reflexes in rats. G. V. Troshchkin. Zhur. vys. nerv. deiat. 16 no. 3:538-540 My-Je '66.

Generalization and specialization of stable conditioned reflexes in a rhythmic system in dogs with different typological characteristics. N. P. Muraveva. Zhur. vys. nerv. deiat. 16 no. 3:385-394 My-Je '66.

History of a search. N. A. Romanov. Priroda 55 no. 7: 77-87 '66.

N. A. Romanov's scheme of the "stochastic theory of teaching." A. N. Kolmogorov. Priroda 55 no. 7:88-89 '66.

Study of trace responses of the human sensorimotor cerebral cortex in the formation of conditioned connection. S. N. Reeva. Zhur. vys. nerv. deiat. 16 no. 3:544-546 My-Je '66.

Two-way temporary connection in the formation of a conditioned motor defense reflex to an alimentary stimulus. M. I. Tashmukhamedova. Zhur. vys. nerv. deiat. 16 no. 3:541-543 My-Je '66.

Variability of conditioned reflexes in dogs connected with typological characteristics of the higher nervous activity. V. K. Krasurskii. Zhur. vys. nerv. deiat. 16 no. 3:401-410 My-Je '66.

CONDUCT OF LIFE

"My own" and "ours." L. Runina. Mol. komm. no. 8: 47-52 Ag '64.

CONDUCTOMETRIC ANALYSIS

Amperometric titration of rhenium. Report No. 1: Titration of rhenium (VII) with chromium bivalent salts. Z. A. Gal'at, T. A. Rubinskaya, A. V. Fursova. Zhur. anal. khim. 21 no. 5:584-589 '66.

Physicochemical method of the basic substance (HBF₄) and admixtures in fluoroboric acid. M. T. Berkovich, I. M. Novoselova. [Trudy] UNIKHIM no. 11:62-69 '64.

CONDUCTORS (MUSIC)

Pazovskii, A. M. [A conductor's notes] Zapiski dirigera. Obshchaya red. V. Kukharskogo. Moskva, Muzyka, 1966. 561 p.

CONFECTIONERY

(see also subdivision under Gomel')

Changes in the viscosity and limit displacement stresses of a praline mass during mixing. I. N. Lunin, I. A. Machikhin. Khleb i kond. prom. 10 no. 5:15-17 My '66.

CONFECTIONERY INDUSTRY see subdivision under Moscow

CONFECTIONERY INDUSTRY—COSTS see subdivision under Sormov (Gorky Province)

CONFLICT OF LAWS—MARRIAGE

Orlova, N. V. [Marriage and family under private international law] Brak i sem'ya v mezhdunarodnom chastnom prave. Moskva, IMO, 1966. 252 p.

CONFORMAL MAPPING—ELECTROMECHANICAL ANALOGIES

Ugodchikov, A. G. [Construction of conformal mapping functions using electrical modeling and Lagrange's interpolation polynomials] Postroenie konformno otobrazhushchikh funktsii pri pomoshchi elektromodelirovaniya i interpolatsionnykh polinomov Lagranzha. Kiev, Naukova dumka, 1966. 75 p.

CONGO (BRAZZAVILLE)—POLITICS AND GOVERNMENT

The experience of Brazzaville. Nov. vrem. 24 no. 33: 4-5 Ag '66.

From the experience of one African state. V. I. Iordanskii. Nov. vrem. 24 no. 31:9-11 Ji '66.

CONGO (LEOPOLDVILLE)—POLITICS AND GOVERNMENT

Relying on a military despotic regime; the situation in the Congo (Leopoldville). K. Roshchin. Mezhdunar. zhizn' 13 no. 6:82-86 '66.

The ripening grapes of wrath in the Congo. P. Manekhin. Az. i Afr. seg. 10 no. 7:36-38 Ji '66.

What happened in Kisangani. V. Sidenko. Nov. vrem. 24 no. 32:17 Ag '66.

CONJUGATION (CHEMISTRY)

Infrared and ultraviolet spectra of conjugated enyne compounds. G. N. Gorshkova and others. Zhur. fiz. khim. 40 no. 5:1157-1162 My '66.

CONJUNCTIVITIS

Etiology of spring catarrh. K. A. Alizade. Trudy Azerb. nauch.-issl. inst. oft. 4:118-120 '63.

Virological characteristics and clinical course of virus conjunctivitis according to materials of the polyclinics of Baku and the Institute of Ophthalmology; a preliminary report. K. G. Kerim-zade, A. G. Subchanov. Trudy Azerb. nauch.-issl. inst. oft. 4:130-132 '63.

CONJUNCTIVITIS, GRANULAR

(see also subdivision under Azerbaijan; Novogolovka, Azerbaijan)

Criterion for healed trachoma. T. G. Safaraliev. Trudy Azerb. nauch.-issl. inst. oft. 4:21-26 '63.

Histochemical characteristics of potassium and calcium of the conjunctiva in trachoma. P. S. Melik-Aslanova. Trudy Azerb. nauch.-issl. inst. oft. 4:113-116 '63.

CONNECTING RODS

Causes of errors in machining connecting rods. M. Krtvoruchko. Tekh. v sel'khoz. 25 no. 3:73-74 Mr '65.

CONNECTIVE TISSUES

Autodiagnostic study of protein metabolism in areolar tissue cells. N. G. Khrushevich. Arkh. anat., gist. i embri. 50 no. 5:14-21 My '66.

CONSTANTA, RUMANIA—DESCRIPTION

On the grounds of ancient Tomis. A. Vorenov. Nov. vrem. 24 no. 26:26-27 Je '66.

CONSTITUTIONAL LAW

Discussion of a textbook on the theory of the state and law. Rad. pravo 29 no. 6:107-108 Je '66.

CONSTRUCTION EQUIPMENT—MAINTENANCE AND REPAIR

Chernikov, I. S. [Organization of accounting for the operation and repair of building machinery] Organizatsiya ucheta ekspluatatsii i remonta stroitel'nykh mashin. Izd. 2., ispr. i dop. Moskva, Stroizdat, 1966. 100 p.

Troitskii, Kh. L., and L. I. Blank. [Economics, organization and planning for the operation and repair of building machinery and equipment] Ekonomika, organizatsiya i planirovaniye ekspluatatsii i remonta stroitel'nykh mashin i oborudovaniya. Moskva, Stroizdat, 1966. 201 p.

CONSTRUCTION INDUSTRY

(see also subdivision under Georgia; Strelitamak)

Gerasimov, G. N. [Activities of the party organizations in housing construction following the 20th Congress of the CPSU] Delatel'nost' partinykh organizatsii v zhilishchnom stroitel'stve posle XX s'ezda KPSS. Vladivostok. Dal'novostochnoe knizhnoe izd-vo, 1964. 22 p. (CST-II)

Regulation governing enterprises in action. S. P. Posinov. Transp. stroi. 16 no. 6:1-4 Je '66.

Urgent problems of the construction of farm buildings. T. Sokolov. Part. zhizn' no. 14:11-17 Ji '66.

CONSTRUCTION INDUSTRY—ACCOUNTING

Chernikov, I. S. [Organization of accounting for the operation and repair of building machinery] Organizatsiya ucheta ekspluatatsii i remonta stroitel'nykh mashin. Izd. 2., ispr. i dop. Moskva, Stroizdat, 1966. 100 p.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Sverdlovsk Province) Introduced progressive forms of payment in the construction industry. Z. Milovidova. Fin. SSSR 40 no. 5:50-54 My '66.

CONSTRUCTION INDUSTRY—MANAGEMENT see subdivision under Moscow

CONSTRUCTION INDUSTRY—SCHEDULING

Razu, M. L. [Application of the network system of planning and management in planning; methodological instructions] Primeneniye sistemy setovogo planirovaniya i upravleniya v proektnom delo; metodicheskie ukazaniya. Moskva, Ekonomika. No. 1. 1966. 47 p.

A special course for future builders. B. P. Cherkasov. Vest. vys. shkoly 24 no. 5:23-26 My '66.

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

Technological progress as a basis for the growth of labor productivity in construction. A. E. Itanhehin. Uch. zap. Ped. inst. Gerts. 288:37-51 '66.

CONSTRUCTION WORKERS

(see also subdivision under Bratsk Hydroelectric Power Station; Moscow)

Public inspection of the housing and living conditions of builders. Neftnik 10 no. 7:33 Ji '65.

Training and traditions. S. Grillo, V. K. Polynin. Sov. profsoyuzy 22 no. 13:8-10 Ji '66.

We have mastered three specialties. I. L. Demidova. Transp. stroi. 16 no. 6:34 Je '66.

CONSTRUCTION WORKERS—EDUCATION AND TRAINING

Serlin, V. A. [Equipment of training centers in construction organizations] Oborudovaniye uchebnykh kabinetov v stroitel'nykh organizatsiyakh. Moskva, Vysshaya shkola, 1966. 77 p.

CONSUMPTION (ECONOMICS)

Geography of the production and consumption of products of light industry in the Javay Economic Region. I. A. V. Krushchinskaya. Ekonomika, no. 2:71-79 '64.

Methodology of computing public consumption funds. L. T. Pechinskii. Vest. stat. no. 6:37-42 '66.

Problems of reducing the expenditure of time in consumption and increasing the working leisure time during the period of the building of communism. W. M. Krasnov. Trudy INKH no. 20:73-80 '65.

CONTAINERS

Demichov, G. M. [Storing and packing facilities] Skladskoe i taranoe khoz. delo. Moskva, Vysshaya shkola, 1966. 214 p.

CONTAINERS—ABSTRACTS

[Container shipments and the interaction of various types of transportation] Ref. zhur.: Vzalmodely, raz. vid. transp. i kont. perov. no. 5 My '66.

CONTAINERS—STANDARDS

Russia (1923—U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Copper vessels and apparatus; technical requirements] Sposoby i apparaty mednye; tekhnicheskie trebovaniya (MN 5200-64). Moskva, Izd-vo Standartov. (SSSR. Norma-II mashinostroyeniya) Sbornik 7. 1964. 11 p.

CONTINENTS

Bipolarity of the hypometric characteristics of blocks of the continental crust and the disruption of Gondwana-land. P. S. Voronov. Izv. Vses. geog. ob-va 98 no. 2: 112-120 Mr-Ap '66.

CONTINUED FRACTIONS see Fractions, Continued

CONTINUOUS FUNCTIONS see Functions, Continuous

CONTRACTORS' OPERATIONS

Relations between contractors and clients in supplying the construction projects with equipment and materials. O. Sadikov. Sov. ludi. 39 no. 13:11-12 Ji '66.

CONTRACTS

Fault as the basis of contract liability of a socialist enterprise. F. L. Khabibovich. Sov. gos. i pravo 36 no. 6:30-37 Je '66.

Role of the economic contract in the formation of the production plan for consumer goods. N. I. Klein. Sov. gos. i pravo 36 no. 6:38-44 Je '66.

CONTRACTS, AGRICULTURAL

(see also subdivision under Khar'kov Province)

Forward contractual agreement and sale above the plan. A. Nikitenko. Zakup. sel'khoz. prod. no. 5:12-14 My '66.

The sphere of contracts covering agreement to deliver agricultural produce. TS. Ryshkova. Rad. pravo 29 no. 5:59-62 My '66.

CONTRACTUAL PENALTIES see Penalties, Contractual

CONTRAVENTIONS (CRIMINAL LAW)

(see also subdivision under Moscow)

Basic issues of the revision of laws on administrative liability. V. I. Popova. Uch. zap. VNIISZ no. 5:3-22 '66.

Codification of the rules of administrative law in connection with the revision of laws on administrative liability. A. E. Lamev. Uch. zap. VNIISZ no. 5:23-26 '65.

Concept of person in administrative contraventions. F. V. Dofin. Uch. zap. VNIISZ no. 5:47-51 '65.

[Conclusion.] M. G. Kirichenko. Uch. zap. VNIISZ no. 5:105-108 '65.

Distinction between administrative and civil law liability when there is a violation of forestry law. F. I. Nendrovskii. Uch. zap. VNIISZ no. 5:60-67 '65.

CONTRAVENTIONS (CRIMINAL LAW) (Continued)

Measures in administrative liability cases applied directly by the people's court or its judge. M.S. Studenikina, Uch. zap. VNIISZ no. 5:116-123 '65.
Prerequisites for the revision of laws on administrative liability. V.D. Sorokin, Uch. zap. VNIISZ no. 5:90-104 '65.

CONTROLLERSHIP, COMMUNIST see Auditing and inspection

CONVERGENCE

Criteria of the convergence of the gradients of a sequence of harmonic functions. A.V. Bitadze. Dokl. AN SSSR 168 no. 4:733-734 Je '66.
Fine and rough convergence of interpolation and quadrature processes. V.F. Vlasov. Dokl. AN SSSR 168 no. 4:735-736 Je '66.

CONVEYING MACHINERY

Conveying goods with a turnover in two planes. A.G. Nikolaev. Mekh. i avtom. proizv. 20 no. 6:18-19 Je '66.
Conveyor for returning defective materials to the roller. A. Mykhailovskiy. Sil' bud. 14 no. 11:19 N '64.
Fields of use of flexible pan conveyors at the Kuznetsk Basin coal mines. S.V. Malevannaya, V.I. Maksimov, E.M. Chernitskiy. Ugol' 41 no. 6:59-62 Je '66.
Important branch of the economy. A. Zlobin. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:52-56 '66.
Improving the design and experience in the use of face conveyors at the Grusheva mine. A.S. Sitov, E.V. Gogel'. Met. i gornorud. prom. no. 3:66-69 My '66.
Mechanization of conveying and storing at the "Azerkabel" Plant. L.M. Kasepava, G.N. Makarov. Mekh. i avtom. proizv. 20 no. 6:17-18 Je '66.
Rabinovich, G.A., and A.I.A. Sitkovskiy. [Automation of belt conveyors] Avtomatizatsiya lenichnykh konveerov. Moskva, Energiya, 1966. 80 p. (Biblioteka elektromotora, no. 177).

Rein, A.I. [Automatic control of the mechanical conveying of loose materials] Avtomatika mekhanicheskogo transporta sypuchikh gruzov. Moskva, Energiya, 1966. 70 p. (Biblioteka po avtomatike, no. 182).

Renovated cart pusher. I. Sirosh, Sil' bud. 14 no. 11: 19 N '64.

Synthesis of mechanisms of inertia conveyors according to a given theoretical law of the motion of a driven wheel. E.V. Efimova. Izv. vys. ucheb. zav.; mashinostr. no. 4: 115-121 '66.

CONVEYING MACHINERY—DESIGN AND CONSTRUCTION

Flexible belt-chain conveyor with an ordinary belt. I.I. Orskhovskiy, V.N. Volkov. Ugol' Ukr. no. 6:24-25 Je '66.

CONVEYING MACHINERY—ELECTRIC DRIVING

Electric drum for driving a band conveyor. N.G. Pitman. Vest. mashinostr. 46 no. 5:60 My '66.

COOKING SCHOOLS see subdivision under Chita

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE MARKETING OF FARM PRODUCE

Cooperators fulfill their obligations on contractual agreements. S. Dimesh. Zakup. sel'khoz. prod. no. 5:15-16 My '66.

COOPERATIVE SOCIETIES

(see also subdivision under Buryat A.S.S.R.; Siberia)

Cooperative gardens and orchards. Sov. profsoyuzy 22 no. 10:30-31 My '66.

COORDINATION COMPOUNDS

Reactivity and structure of substances. Method of space matrices. Report No. 1. G.D. Mol'chikov, B.I. Peshechitskiy. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:16-24 '66.

COPEPODA see subdivision under Black Sea

COPPER

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Copper vessels and apparatus; technical requirements] Sosudy i apparaty mednyye; tekhnicheskie trebovaniya (MN 5286-34). Moskva, Izd-vo Standartov. (SSSR. Norma-11 mashinostroyeniya) Sbornik 7. 1954. 11 p.

COPPER—TESTING

Testing the electroconductivity of copper and copper alloys with the aid of electroinductive gages of electroconductivity. D.G. Butomo, I.A. Firkovich. Zav. lab. 32 no. 5:579 '66.

COPPER, EFFECT OF TEMPERATURE ON

Effect of small additions on the temperature and the temperature dependence of the rate of recrystallization of pure copper and aluminum. V.T. Babitskiy, S.S. Gorodiluk. Fiz. met. i metalloved. 18 no. 1:82-87 Ji '64.

COPPER ALLOYS—METALLOGRAPHY

Concentration dependence of the principal short-range order characteristics in Cu-Al and Cu-Zn solid solutions. V.P. Fadin, V.E. Panin, T.S. Sidorova. Fiz. met. i metalloved. 18 no. 1:132-138 Ji '64.

COPPER—ALUMINUM ALLOYS see Aluminum-copper alloys

COPPER—ANTIMONY ALLOYS see Antimony-copper alloys

COPPER CATALYSTS

Oxidation of methylacetylene on copper catalysts. N.I. Popova, I.U. A. Pollavchenko, V.P. Latyshev. Khim. i tekhn. 7 no. 3:489-493 My-Je '66.

COPPER CHLORIDES

Formation of alkyl (aryl) chlorosilanes in the direct interaction of alkyl (aryl) chlorides with silicon. Report No. 6. Role of copper monochloride in the formation of dialkylchlorosilanes. S.A. Golubtsov and others. Izv. AN SSSR. Ser. khim. no. 6:1009-1016 '66.

COPPER COMPOUNDS

Complexing of copper ions with deoxyribonucleic acid. K.B. Iatsimirskiy, E.E. Kriss, T.I. Akhrameeva. Dokl. AN SSSR 168 no. 4:840-843 Je '66.

Formation by copper (II) ions of complex compounds with sulfonic cation exchangers. A.I. Zhukov, V.I. Vorob'ev, I.U. I. Burlakov. Zhur. prikl. khim. 39 no. 5:1000-1008 My '66.

Structure of some inner-complex compounds of copper (II) with salicylaldehydines. V.A. Kogan and others. Zhur. struk. khim. 7 no. 2:277-278 Mr-Apr '66.

COPPER—GOLD ALLOYS—ELECTRIC PROPERTIES

Certain characteristics in the changes of electric resistance in copper-gold alloys close to the CuAu composition. E.A. Dzharbusinov, E.S. Aitkhodzhi, A.A. Presnolov. Trudy Inst. met. i obog. AN Kazakh. SSR 15: 28-31 '66.

COPPER IN THE BODY

Effect of various amounts of copper on weaned pigs and one-litter sows. I.V. Petrukhin, Khim. v sel'khoz. 4 no. 2:59-63 F '66.

COPPER MINES AND MINING see subdivision under Kachchuran (Armenia); Ural Mountains

COPPER MINES AND MINING—SAFETY MEASURES see subdivision under Dzhelkazgan region (Kazakhstan)

COPPER—NICKEL—BERYLLIUM ALLOYS—TESTING

Nature of the temperature zone of brittleness in heat resistant alloys of the system copper - nickel - beryllium. V.K. Portnoi, M.V. Zakharov, I.I. Novikov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:47-56 '66.

COPPER ORES see subdivision under Kazakhstan

COPPER OXIDE CRYSTALS

Wave functions of Frenkel excitons in the Cu₂O crystal. Part I. N.V. Starostin. Opt. i spekt. 20 no. 5:823-827 My '66.

COPPER—PLATINUM ALLOYS—METALLOGRAPHY

Metastability of the structural forms of copper-platinum alloys close to the stoichiometric composition of Cu₃Pt. E.A. Dzharbusinov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:21-27 '66.

COPPER SULFATE

Automatic control of copper sulfate production. A.E. Tereshchenko. Mekh. i avtom. proizv. 20 no. 6:5-6 Je '66.

COPPER—ZINC ALLOYS—METALLOGRAPHY

Studying the decomposition of the zinc-supersaturated β-phase in the system copper - zinc. V.V. Chorviakova, Zh.A. Ashirimbetov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:126-130 '66.

COPPER—ZINC ALLOYS—PLASTIC PROPERTIES

Studying the plastic properties of the γ-phase in the system copper - zinc. K.K. Kasymbekova, V.D. Melikhov, A.A. Prentakov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:140-144 '66.

COPYING PROCESSES

Using tape made of film materials in the "Termokopir" device. V.P. Seltanov, V.I. Meloi. NTI no. 5:10 '66.

CORALS, FOSSIL see subdivision under Kazakhstan

CORDAGE

Kuznetsov, V.A. [Production of sulfate pulp for the manufacture of extremely strong cord fiber] Proizvodstvo sulfatnoi tsellulozy dlya vyrobki tsvetkoprochnogo kordnogo volokna. Moskva, Tsentr. nauchno-issl. i informats. i tekhniko-ekon. issledovaniy po tesnot, tsellulozno-bumazhnoi, derevobrabatovayushchei promyshli. i tesnomu khoz., 1965. 17 p. (Bumaga i tselluloza)

CORE DRILLING

Core measuring and practice in its use in geological prospecting. M.I. Kazantsev. Razved. i okh. nedr 32 no. 5:27-31 My '66.

Full hole drilling using core bits. E.A. Akopov and others. Izv. vys. ucheb. zav.; nef' i gaz. 9 no. 2:114-118 '66.

CORN (MAIZE)

(see also subdivision under Buryat A.S.S.R.; Kokchetav Province; Kuybyshev Province)

Biochemical and technological evaluation of white grain (mini corn). A. Beshkurov. Muk. elev. prom. 32 no. 5: 28-29 My '66.

Effect of herbicides and some physiological and biochemical indices of corn plants. T.A. Bajda, Zh.L. Lukpanov. Vest. sel'khoz. nauk [Kazakh.] 9 no. 5:97 My '66.

Effect of preplanting treatment of seeds with succinic acid on the carbohydrate and phosphorus metabolism of corn. A.A. Zemlianukhin, A.M. Makeev. Biol. Ob-va estestvoispyt. 13:52-57 '64.

Effect of repeated preplanting treatment of corn seeds with physiologically active substances on the growth of plants. N.P. Denisova. Biol. Ob-va estestvoispyt. 13:58-68 '64.

Practices in the use of herbicides in cornfields. I.V. Veselovskiy, V.P. Avtanasov. Khim. v sel'khoz. 4 no. 2:73-74 F '66.

Simazine and atrazine as a reliable means for weed control in cornfields. A.F. Miltutkin. Izv. Kulb. SKHI 17:150-153 '65.

Some technological characteristics of the grain of corn. A. Skliarenko, A. Litvinenko. Muk. elev. prom. 32 no. 5:26-28 My '66.

CORN (MAIZE)—DISEASE AND PEST RESISTANCE

Effect of corn varieties and hybrids on changes in the parasitic activity of the fungus causing common smut. M.I. Nikolaeva. Biol. Ob-va estestvoispyt. 13:30-37 '64.

CORN (MAIZE)—DISEASES AND PESTS

Use of rogors for protecting corn from wireworms. K.M. Loginova, L.F. Efimova. Khim. v sel'khoz. 4 no. 2: 27-28 F '66.

CORN (MAIZE)—DRYING

Continuous processing of corn on the cob on frame-type drying lines. M.I. Riazantseva and others. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:92-94 '66.

CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of trace elements on the yield of corn. V.A. Kul'cheva. Izv. Kulb. SKHI 17:130-132 '65.

Effectiveness of the methods of till and row placement of fertilizers for corn. K.P. Afendulov, A.K. Borodina, V.E. Peropetskiy. Khim. v sel'khoz. 4 no. 2:60-71 F '66.

CORN AS FEED

Changes in some blood indices in dairy cows due to feeding them corn silage. M.I. Matochkin. Trudy TVI 9:181-185 '65.

Use of corn silage enriched with urea in feeding young cattle. E.A. Doronin. Sborn. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:78-81 '65.

CORN BREEDING

Use of male sterility in the breeding work with the SKHI-4 corn variety. V.K. Medvedev. Izv. Kulb. SKHI 17:36-41 '65.

CORN PRODUCTS—ANALYSIS

Effect of grain steaming on the chemical composition of corn grits. V.I. Orlov, A.N. Belostotskaya, M.P. Griniuk. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3: 89-91 '66.

CORNCOBS

Catalysts for the production of furfural. V.K. Konovalov, V.I. Sharikov. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:108-110 '65.

CORNEA

State of corneal sensitivity depending on the stage of the development and the degree of compensation of the glaucomatous process in simple and congestive glaucoma as determined by the hair test. I.A. D. Valner. Trudy Azerb. nauch.-issl. inst. oft. 4:37-44 '65.

CORNEA—INNERVATION

Nervous elements of the cornea under normal conditions and in pathology. A.D. Chagelishvili. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:340-352 '65.

CORNEA—WOUNDS AND INJURIES

Some histochemical changes in the epithelium of embryonic cornea caused by injury. V.A. Vasil'eva. Arkh. anat., gist. i embr. 50 no. 3:20-23 Mr '66.

CORNSTARCH

Kravchenko, B.F. [Recent developments in the technology of the production of starch products; separator station for the production of cornstarch] Novoe v tekhnologii proizvodstva krakmaloproduktov; separatsionnaya stantsiya proizvodstva kukuruznogo krakhmala. Moskva, TsNTIPishcheprom, 1965. 50 p.

CORONA (ELECTRICITY)

Mechanical effects in a corona discharge between a point and a plane. L.I. Prokopovich. Zhur. tekhn. fiz. 36 no. 4:643-645 Ap '66.

CORONA (ELECTRICITY) (Continued)

Method of estimating the density of a corona current from natural points. A. Kh. Filippov, Trudy GGO no. 198:59-67 '66.

CORONARY HEART DISEASE

Changes in blood morphology and its biochemical indices during meteoropathological reactions in patients with chronic coronary insufficiency. A. D. Dakhin. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:103-107 Mr-Apr '66.

Clinical statistical study of the incidence of chronic coronary insufficiency and myocardial infarct in Alma-Ata. B. A. Abroskin, I. A. Tikhonov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:103-105 '65.

Comparative clinical evaluation of some methods for the surgical treatment of chronic coronary insufficiency and myocardial infarct. B. A. Abroskin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:106-109 '65.

Comparison of data on the activity of serum lactic dehydrogenase with the level of lactic and pyruvic acids in the blood of patients with acute coronary insufficiency. E. P. Stepanian, A. D. Tamarina. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:113-115 '65.

Effect of weather factors on the effectiveness of treating patients with chronic coronary insufficiency at the seaside health resort Mardakyan. N. M. Mamedov. Azerb. med. zhur. 43 no. 4:52-56 Apr '66.

CORONARY VESSELS

Experimental data on the effect of fibrinolysis on the coronary blood flow. A. G. Ponomareva and others. Biol. eksp. biol. i med. 61 no. 5:24-26 May '66.

CORONARY VESSELS—DISEASES

Case of acute disorders in the coronary blood circulation in a grave trauma of the chest. M. K. Bodachkoria, A. K. Chkonia. Voen.-med. zhur. no. 12:72-73 D '65.

CORONARY VESSELS—RADIOGRAPHY

Role of coronarography in the clinical examination of the patient. L. S. Zingerman, B. M. Kogan, K. M. Lorie. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:110-112 '65.

CORPORATIONS

Criticism of the bourgeois concepts of present-day corporation. S. Dalin. Mir. ekon. i mezhdunar. otn. no. 6:39-44 '66.

CORRELATION (STATISTICS)

Binary correlation function for a balanced system of Coulombian particles with short range interaction. V. I. Tsypilayev. Trudy Un. druzh. nar. 11. Fiz. no. 1:104-112 '65.

Determining the input of work for the repair of the equipment of open-hearth furnace plants using the methods of mathematical statistics. I. G. Vendrov, L. B. Boguslavskii, V. A. Lobachev. Met. i gornorud. prom. no. 3:81-85 May-June '65.

Statistical evaluation of regularities in the changes of fatigue characteristics. V. M. Grebenik. Izv. vys. ucheb. zav. i chern. met. 9 no. 6:195-205 '66.

CORRESPONDENCE SCHOOLS AND COURSES

An all-Union interuniversity conference on correspondence schools for higher legal education. G. S. Kotliarskii. Vest. Mosk. un. Ser. 12: Pravo 21 no. 3:92-94 May-June '66.

How to improve the teaching of students in correspondence and evening schools. A. A. Iablonskii. Vest. vys. shkoly 24 no. 5:39-43 May '66.

So that we may improve the training of correspondence students. A. S. Zaymalov. Vest. vys. shkoly 24 no. 6:27-31 June '66.

CORROSION-RESISTANT MATERIALS

Corrosion resistance of materials of gas pipelines and their equipment in calcium chloride solutions in the natural gas medium. F. K. Andriushchenko, V. I. Shagidenko. Neft. i gaz. prom. no. 3:36-39 May-June '66.

CORTISONE

Effect of antibiotics and cortisone on experimental staphylococcal infection in the Fallopian tubes. L. A. Samorodnova. Antibiotiki 11 no. 5:450-454 May '66.

COSMETICS INDUSTRY

Zhuravlev, A. M. [Cosmetics industry] Kosmeticheskoe proizvodstvo. Moskva, Mashcheyvaia promyshlennost', 1966. 231 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

COSMIC PHYSICS

Acceleration of particles in cosmic plasma. M. A. Ginzburg. Astron. zhur. 43 no. 3:350-352 May-June '66.

COSMIC RAYS

Disturbance of the baric field as a geophysical index. B. I. Sazonov. Trudy GGO no. 198:107-115 '66.

Generation of deuterium nuclei in cosmic rays. B. M. Kuzhevskii. Izd. fiz. 4 no. 1:130-131 June '66.

Isotropization of cosmic rays. V. N. Tsytoich. Astron. zhur. 43 no. 3:528-542 May-June '66.

Possible role of cosmic ray particles in the solar-tropospheric relations. B. I. Sazonov. Trudy GGO no. 198:89-106 '66.

COST ACCOUNTING

Measuring the amount of society's work. M. Koiganov. Kommunist 43 no. 9:96-105 June '66.

COST AND STANDARD OF LIVING

Concern for the welfare of the people is an important task of trade unions. K. Guseinov. Sov. profsoyuzy 22 no. 13:3-5 June '66.

Distribution and the workers' standard of living. G. Sarkisian. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:28-36 '66.

Eliminating the difference in the living standards of the workers and collective farmers. G. Sarkisian. Vop. ekon. no. 6:73-81 June '66.

Pisarev, I. I. [The population and labor in the U.S.S.R.] Natsional'nyi trud v SSSR. Moskva, Ekonomika, 1966. 149 p.

Standard of living in the U.S.S.R., 1950-1964. N. I. Bromel. Vop. ist. 41 no. 7:3-17 June '66.

Ways of improving the material welfare of the workers during the period of the large-scale building of communism. L. P. Kuprienko. Trudy INKH no. 26:37-44 '65.

The welfare of the people before everything. Agitator no. 8:48-51 Apr '64.

COTTON—GRAFTING

Interaction between the scion and the rootstock of cotton. E. Kh. Uzenbaev, Kh. Salimov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6:80-82 June '66.

COTTON—IRRIGATION

Determining irrigation dates based on the physiological and morphological indices of cotton. M. B. Maillibaev, N. Malabaev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:91-94 May '66.

Regulating the moisture and salt conditions of a cotton field with various depths of the level of mineralized ground waters. A. I. Ildashev. Trudy Tadzh. sel'khoz. inst. 7:142-153 '65.

COTTON—PICKING MACHINERY

Determining parameters for the working part of machinery for pulling cotton stalks. I. E. Safonov. Trudy Tadzh. sel'khoz. inst. 7:108-110 '65.

COTTON SPINNING—MECHANIZATION

Mechanization of labor consuming operations in cotton spinning. S. T. Kilbanov. Mekh. i avtom. protzv. 20 no. 6:23-24 June '66.

COUMARINS—PHYSIOLOGICAL EFFECT

Effect of coumarin on experimental influenza infection. A. M. Chernukh, I. S. Rudakova, N. S. Tolmacheva. Biol. eksp. biol. i med. 61 no. 6:95-98 June '66.

COUNCIL FOR MUTUAL ECONOMIC ASSISTANCE see Mutual Economic Assistance Council

COUNTING DEVICES

Urov, G. V., and A. I. Fel'dman. [Automation of the counting of containers and manufactured items in enterprises of the beer and nonalcoholic beverage industry] Avtomatizatsia ucheta tary i gotovoi produktii na predpriyatiakh pivno-bezalkogol'noi promyshlennosti. Moskva, TsINTIPisheprom. 1965. 27 p.

COUPLINGS—STANDARDS

Russa (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Friction multi-disc couplings] Mufty friktsionnye mnogodiskovyye (MN 5656-65—MN 5605-65). Moskva, 1965. 103 p. (SSSR. Normali mashinostroeniia)

COURT RULES

Educational importance of the open court rule in the Soviet administration of justice. S. A. Allakhverdiev. Uch. zap. AGU. Ser. iurid. nauk no. 2:123-130 '64.

COURTS

Measures in administrative liability cases applied directly by the people's court or its judge. M. S. Studenikina. Uch. zap. VNIISZ no. 6:116-123 '65.

Revision of law regulating the operations of administrative committees. N. S. Lazareva. Uch. zap. VNIISZ no. 5:164-168 '65.

COURTS—OFFICIALS AND EMPLOYEES

They need a cabman. V. Tonkikh. Sov. iust. 30 no. 13:32 June '66.

COWS—DISEASES AND PESTS

Use of ovariocytotoxic serum in sterility in cows. N. P. Sukhanov. Izv. KUB. SKH 17:279-281 '65.

COWS—FEED UTILIZATION EFFICIENCY

Digestibility of rations, and nitrogen and mineral metabolism in experiments with milk cows fed natural and deacidified corn silage. P. A. Kormshehikov. Trudy TVI 9:212-219 '65.

COWS—FEEDING AND FEEDS

Effect of feeding cows sugar beets, sodium sulfate, and ammonium sulfate on the yield and fat percentage of milk. V. I. Shakhova. Shor. anush. rnb. stud. Sar. zootekh.-vet. inst. 3:95-100 '65.

Effect of the conditions of mineral nutrition on the expenditure of digestible nutrients by lactating cows. A. N. Tarasova. Izv. KUB. SKH 17:274-278 '65.

Effectiveness of the use of urea in feeding lactating cows. V. G. Golikh, A. N. Tarasova. Izv. KUB. SKH 17:236-243 '65.

Results of the use of carbamide in feeding milk cows. R. Kh. Shapirov. Shor. anush. rnb. stud. Sar. zootekh.-vet. inst. 3:86-89 '65.

COXSACKIE VIRUSES

Experiment in the infection of sheep with a Coxsackie virus. B. I. A. Lishin, P. P. Pirog, L. M. Lashina. Vop. vet. virus. 2:635-636 '66.

CRACKING PROCESSES

Effect of initial gas dilution by water vapor in the electrocracking of methane. D. T. Il'in, E. N. Eremla, V. I. Sidorov. Zhur. prikl. khim. 39 no. 5:1141-1147 May '66.

Electrocracking of liquid organic raw materials. Report No. 2. N. S. Pechuro, A. N. Merkuriev. Elektr. obr. mat. no. 3:50-63 '65.

Smidovich, E. V. [Technology of petroleum and gas refining] Tekhnologiya pererabotki nefli i gaza. Moskva, Khimika.

PT. 2. [Destructive processing of petroleum and gas] Destrutivnaya pererabotka nefli i gaza. 1966. 386p.

CRANE FLIES

Distribution, ecology, and preimaginal developmental phases of Tipula (Mediotipula) hibernica Hegerl. (Diptera, Tipulidae). E. N. Savchenko. Ent. obozr. 45 no. 3:286-293 '66.

CRANES, DERRICKS, ETC.

Crane for assembling elements of a trestle. A. D. Potapov, O. M. Iakovlev. Tramp. stroit. 10 no. 6:31-32 June '66.

Departmental types of cranes and means of mechanizing loading and unloading work. I. I. Elinson, E. I. Egnus, I. V. Lebed'. Tramp. stroit. 10 no. 6:50-51 June '66.

Humadov, A. I. [Practice in using mobile derricks and masts] Praktika primeneniia poredvizhnykh vysoikh i masts. Moskva, Nedra, 1966. 60 p. (Obman proizvodstvennogo opytom)

Remote control of power cranes. V. S. Migal', V. I. Makeev. Mekh. i avtom. protzv. 20 no. 6:39-41 June '66.

CRANES, DERRICKS, ETC.—MAINTENANCE AND REPAIR

Moscow. Nauchno-issledovatel'skii institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stva. [Instructions for major repairs of machinery used in construction work] Ukazaniia po kapital'nomu remontu mashin, zankatykh v stroitel'stvo (05-64). Moskva, Stroizdat.

No. 10. [Technological specifications for major repairs of B-404A and MBK-3-5/20 tower cranes] Tekhnicheskie ulovliia na kapital'nyi remont busheniy kranov B-404A i MBK-3-5/20, 1965. 246 p.

CRANIOLOGY see subdivision under Cranium; Europe, Eastern

CRANKS AND CRANKSHAFTS

Determining stresses in crankshafts in case of an unavailability of supports. V. P. Gerasimov, E. A. Shirokhin. Izv. vys. ucheb. zav. i mashinost. no. 4:66-72 '66.

Effect of counterweights on the wear resistance of crankshafts of the VT-54 tractor engines. M. M. Drezdevskii. Trudy Tadzh. sel'khoz. inst. 7:77-85 '65.

Longitudinal oscillations of the crankshafts of high-speed engines. P. A. Lisogurskii. Energomashinostroenie 11 no. 12:24-26 D '65.

Stand for studying stresses in the crankshaft of a two-cylinder piston-type engine. N. I. Klachkin, K. V. Kalashnikov, I. N. Proshchenov. Energomashinostroenie 11 no. 12:42-43 D '65.

CRAWLER TRACTORS—MAINTENANCE AND REPAIR

Stand for repairing the steering mechanism of crawler tractors. L. Kievskii. Tekh. v sel'khoz. 20 no. 6:84 May '66.

CREAM

Clinical study of dreams; on the criticism of the localistic theory of dreams. V. N. Kasatkina. Zhur. nevrol. i psikh. 66 no. 5:720-726 '66.

CREDIT

(see also subdivision under Italy)

Credit and currency circulation. G. Shvarts. Den. i kred. 24 no. 6:8-17 June '66.

On the issuing of credit on the basis of turnover. I. Levin. Den. i kred. 24 no. 6:80-82 June '66.

Role of credit in the development of production. V. F. Bliznets. Prom. Del. 9 no. 6:13-10 May '66.

CREEP OF METALS

Mechanism of the high-temperature steady creep of metals and alloys. G. M. Bartenev, I. I. Ivanov, B. A. Surova. Izv. AN SSSR, Met. no. 3:134-140 May-June '66.

CRICKETS

Interrelationship of the ontogenetic development of the central nervous system of *Gryllus domesticus* L. and *Gryllotalpa gryllotalpa* L. (Orthoptera, Gryllidae). A. A. Panov, Ent. obozr. 45 no. 2:326-340 '66.

CRIME AND CRIMINALS

(see also subdivision under California)

Public participation in the study of personal characteristics of the accused during the trial. I. U. Mannev, Sov. iust. 30 no. 13:13-14 JI '66.

Some problems of Soviet criminology. I. Danshyn, Rad. pravo 20 no. 5:68-72 My '66.

Work experience of the Laboratory for Studying the Sources of Crime. V. Stachys, A. Senchyn, Rad. pravo 20 no. 5:70-82 My '66.

CRIME PREVENTION

(see also subdivision under Azerbaijan; Vinnitsa Province)

Discussion of sentences and court rulings is an important method of crime prevention. R. Kluchko, V. Popov, K. Nevz, Rad. pravo 20 no. 6:33-37 Je '66.

CRIME—ARCHAEOLOGY, MEDIEVAL

Along the road of millennia; excursions through medieval Crimea [Dorogoi tysyachetill; ekskursii po srednevekovomu Krymu, Simferopol', "Krym." 1966, 190 p.

CRIME—BUILDING MATERIALS—TRANSPORTATION

Transportation of shell rocks in packages. E. Pavlenko, Avt. transp. 44 no. 5:21-22 My '66.

CRIME—CLIMATOLOGY, MEDICAL

Dosage of climatic procedures concerning the cold load (physical basis and physiological substantiation). Report No. 2: Principles of dosing air baths and the methodology of their use. V. G. Boksha, G. D. Latyshev, Vop. kur., fizioter., i lech. fiz. kul't. 31 no. 2:97-102 Mr-Apr '66.

CRIME—GRAIN—GRADING

Equipment which does not meet the modern requirements. N. Chistova, Zakup. sel'khoz. prod. no. 5:37-38 My '66.

CRIME—HEALTH RESORTS, WATERING PLACES, ETC.

Effectiveness of sanatorial and climatic treatment of chronic nonspecific diseases of the lungs. V. A. Volkov, Vop. kur., fizioter., i lech. fiz. kul't. 31 no. 2:141-145 Mr-Apr '66.

Treatment of patients with chronic tonsillitis and chronic nonspecific diseases of the respiratory organs on the south coast of the Crimea. L. I. Vigura, Vop. kur., fizioter., i lech. fiz. kul't. 31 no. 2:132-136 Mr-Apr '66.

CRIME—LEAF ROLLERS

Fauna of fruit-tree leaf rollers (Lepidoptera, Tortricidae) of the Crimea. S. M. Galutenko, Ent. obozr. 45 no. 2:201-205 '66.

CRIME—OPEN-AIR TREATMENT

Use of the night's sleep at the sea in the compound health resort climatic treatment of patients with atherosclerosis on the south coast of the Crimea. M. I. Akhmedzhanov, Vop. kur., fizioter., i lech. fiz. kul't. 31 no. 2:107-112 Mr-Apr '66.

CRIME—PARASITES—HERRING GULL

Helminths of herring gulls of the Crimea. S. A. Mukhamadiev, Izv. Otd. biol. nauk. AN Tadzh. SSR no. 1:110-121 '66.

CRIME—STONE AGE

Process of the population of the Yayla Mountain region in the Crimea during the Stone Age. I. U. Kotonov, Arkeologiya 10:14-21 '65.

CRIME—WORLD WAR, 1939-1945

[Pages of battle glory] Stranitsy boevoy slavy. Simferopol', Krym, 1965. 62 p. (Bibliotekha ocherkov) (CSI-II)

CRIMEAN MOUNTAINS—WEEVILS

Materials on the fauna of weevils of the genus *Apion* (Coleoptera, Curculionidae) in the Crimean Mountains. V. S. Solodovnikova, Uch. zap. KIKU 140:154-156 '63.

CRIMINAL EVIDENCE see Evidence, Criminal

CRIMINAL INVESTIGATION

(see also subdivision under Ukraine)

Bykhovskii, I. E. [It has been established by the investigation...]. Sledstviem ustanovleno... Leningrad, Ob-vo "Znanie" RSFSR, 1966, 30 p.

A coordinating action of all the organs of criminal investigation. A. Hornytskyi, Rad. pravo 20 no. 5:31-36 My '66.

Educational role of criminal investigators and our public opinion. I. U. A. Ivanov, Vest. Mosk. un. Ser. 12: Pravo 21 no. 1:50-67 Ja-F '66.

Government liability for the loss caused by the officers of the organs of preliminary and pretrial investigation, the personnel of public prosecution agencies and Soviet courts. V. M. Savitskiy, E. A. Felshtits, Sov. gos. i pravo 36 no. 7:11-18 JI '66.

How public prosecutors supervise the observance of laws in some acts of criminal investigation. H. Lasyuk, Rad. pravo 20 no. 6:27-29 Je '66.

Larin, A. M. [An investigator's work with evidence] Rabota sledovatelya s dokazatel'stvami. Moskva, Iuridicheskaya literatura, 1966, 155 p.

The public helped to solve a crime. O. Martyn, Rad. pravo 20 no. 6:77-78 Je '66.

Some remarks concerning the possibility to improve the methods of criminal investigation. S. Klenina and others, Rad. pravo 20 no. 6:32-34 Je '66.

CRIMINAL JURISDICTION

Codification of the rules of administrative law in connection with the revision of laws on administrative liability. A. E. Lunev, Uch. zap. VNIISZ no. 5:23-26 '65. Revision of the laws on administrative liability. I. A. Galagan, Uch. zap. VNIISZ no. 5:34-40 '65.

CRIMINAL JUSTICE, ADMINISTRATION OF

Measures in administrative liability cases applied directly by the people's court or its judge. M. S. Sudenikina, Uch. zap. VNIISZ no. 5:116-123 '65.

Public participation in the study of personal characteristics of the accused during the trial. I. U. Mannev, Sov. iust. 30 no. 13:13-14 JI '66.

Relationship between criminal responsibility and measures in community action. L. M. Gal'perin, Sov. gos. i pravo 36 no. 6:130-140 Je '66.

Responsibility for the violation of Soviet laws is an effective means for the strengthening of socialist legality. I. Samoshchenko, Sov. iust. 30 no. 13:5-8 JI '66.

CRIMINAL LAW

(see also subdivision under Tajikistan)

Mullayev, M. M., and I. A. M. Iakovlev, eds. [Problems of criminal law and criminal procedure] Voprosy ugovonogo i ugovonno-protsessual'nogo zakonodatel'stva. Dushanbe, Irfon, 1964, 172 p. (CSI-II)

CRIMINAL LAW—INTERPRETATION AND CONSTRUCTION

Controversial problems concerning the determination of some crimes in commentaries to the criminal code of the R.S.F.S.R. (to be concluded). S. Borodin, V. Vladimirov, Sov. iust. 30 no. 13:9-10 JI '66.

CRIMINAL LAW—PHILOSOPHY

Principles and objectives of administrative liability. I. S. Samoshchenko, Uch. zap. VNIISZ no. 5:110-112 '65.

CRIMINAL LIABILITY

Administrative liability for acts in the management of the national economy as distinct from liability under civil law. I. V. Gusekova, Uch. zap. VNIISZ no. 5:52-58 '65.

CRIMINAL PROCEDURE

Some specific aspects of the determination by courts of juvenile delinquency cases and further revision of the criminal procedure law. S. I. Gal'bov, Uch. zap. AGU. Ser. iurid. nauk no. 2:35-45 '64.

CRITICAL PATH ANALYSIS

Razu, M. L. [Application of the network system of planning and management in planning; methodological instructions] Primeneniye sistem setovogo planirovaniya i upravleniya v proektnom dele; metodicheskie ukazaniya. Moskva, Ekonomika, No. 1, 1966, 47 p.

CRITICAL POINT

Critical opalescence and cohesion energy of polymers. V. E. Eskin, A. E. Nestorov, Vysokom. soed. 8 no. 8: 1051-1056 Je '66.

Critical opalescence of poly- β -naphthyl methacrylate solutions and the properties of polymeric coils near precipitation point. V. E. Eskin, A. E. Nestorov, Vysokom. soed. 8 no. 6:1045-1050 Je '66.

CROPS AND CLIMATE

(see also subdivision under Dnieper Valley; Murmansk Province; Oka Valley; Osetr Valley)

Session of the Interdepartmental Scientific Council on Climatic and Agroclimatic Resources. Z. A. Mischenko, Izv. AN SSSR, Ser. geog. no. 3:121-122 My-Je '66.

Temperature variations in the surface horizon of soil in a barley field. L. E. Int, Trudy GGO no. 100:65-67 '66.

CROTONALDEHYDE

Condensation of crotonaldehyde with acetone. V. S. Markevich, M. P. Gorchuk, S. M. Markevich, Neftekhimika 6 no. 2:206-208 Mr-Apr '66.

CROTONIC ACID

Crotonic condensation of n -butyraldehyde in the presence of a rhodium catalyst. I. A. T. Eidus and others, Neftekhimika 6 no. 2:282-285 Mr-Apr '66.

CROTONONITRILE

Reaction of α -amino acids with allyl cyanide and crotonitrile. P. F. Butskus, A. I. Butskens, Zhur. org. khim. 2 no. 4:600-602 Ap '65.

CRUSHING AND GRINDING

Crushing rubble with high-frequency current. V. M. Semenov and others, Avt. dor. 20 no. 6:18-10 Je '66.

Reducing the amount of oversized material in products of the crushing of jaw crusher machinery. A. A. Dudko, Strol. mat. 12 no. 2:18-21 F '66.

CRUSHING MACHINERY

Conditions of the gripping of sunflower seed kernels and their particles in a roller crusher. V. A. Maslitskov, V. S. Soskulov, Izv. vys. uch. zav.; pishch. tekhn. 3, 116-118 '66.

CRYOLITE

Rapid method of sulfate determination in cryolite. L. K. Ponomareva, A. T. Goncharenko, [Trudy] UNIKHIM no. 11:54-58 '64.

Rate of the process of cryolite production from crystalline sodium fluoride and aluminum fluoride solution. I. A. Kozlov, G. N. Dogachov, Zhur. prikl. khim. 39 no. 5:1183-1185 My '66.

CRYOSCOPY

Calculation of aggregation constants of tri- n -octylamine bisulfate in benzene based on cryoscopic analysis data. A. M. Chokmarev, A. M. Rozen, G. A. Lagodin, Zhur. fiz. khim. 40 no. 5:1005-1008 My '66.

Cryolitic degradation of some cellulose derivatives. S. Oprea, C. Simionescu, Vysokom. soed. 8 no. 6: 1132-1134 Je '66.

CRYPTOGAMS

Transcaucasian conference devoted to cryptogamous plants. M. F. Makarevich, N. P. Masluk, Ukr. bot. zhur. 23 no. 3:128-130 '66.

CRYSTAL LATTICES

Characteristics of an AB₂ (type Pt₂Mo) superstructure with a face-centered cubic lattice. M. A. Shtramel', Fiz. met. i metalloved. 20 no. 6:820-836 D '65.

Concentration dependence of the principal short-range order characteristics in Cu-Al and Cu-Zn solid solutions. V. P. Panin, T. S. Sidorova, Fiz. met. i metalloved. 18 no. 1:132-138 JI '64.

Cottrell cloud in metals and alloys with a body-centered cubic structure. V. F. Sukhorarov, Fiz. met. i metalloved. 18 no. 1:93-96 JI '64.

Critical fields in ferromagnetic materials with three magnetic sublattices. A. S. Pakhomov, A. A. Gusev, Fiz. met. i metalloved. 18 no. 1:150-159 JI '64.

Determination of high pressure phase crystal lattices without studying them under pressure. I. U. S. Gonshtat, Fiz. met. i metalloved. 18 no. 1:116-120 JI '64.

Disordering process and the properties of ordered alloys. A. A. Prenshtakov, Trudy Inst. met. i obog. AN Kazakh. SSR 15:57-60 '66.

Mechanism of spin-spin and spin-lattice relaxation in complex compounds of antimony trichloride. V. S. Gorchishkin, A. D. Gordeev, Zhur. struk. khim. 7 no. 2:205-209 Mr-Apr '66.

Metastability of the structural forms of copper-platinum alloys close to the stoichiometric composition of Cu₃Pt. E. A. Dzhanbustinov, Trudy Inst. met. i obog. AN Kazakh. SSR 15:21-27 '66.

Symmetry of the crystalline field in the garnet Y₃Fe₅O₁₂. B. E. Rubinshtein, Izv. AN SSSR, Ser. fiz. 30 no. 3:1070-1072 Je '66.

Temperature dependence of root-mean-square static displacements of atoms in homogenous solid solutions. I. P. Mikhailuk, Fiz. met. i metalloved. 20 no. 6:824-828 D '65.

Theory of diluted ferromagnetic systems. I. U. G. Rudol', Fiz. met. i metalloved. 20 no. 6:612-623 D '65.

Theory of quasi-local perturbations in crystals. I. U. A. Izumov, O. B. Sokolov, Fiz. met. i metalloved. 20 no. 6:801-811 D '65.

X-ray study of γ -brass depending on zinc concentration in alloys. V. D. Melnikov, A. A. Prenshtakov, A. G. Mal'kova, Trudy Inst. met. i obog. AN Kazakh. SSR 15: 114-119 '66.

CRYSTAL LATTICES—DEFECTS

Comparing the energy of a packing defect with the electron structure of the metal. N. I. Noskova, V. A. Pavlov, S. A. Nomonov, Fiz. met. i metalloved. 20 no. 6:920-924 D '65.

Defects of structure occurring during the twinning of silicon ferrite. E. N. Pogrebnot, K. M. Zhak, Izv. AN SSSR, Met. no. 3:113-117 My-Je '66.

Energy of formation of defects in lattices of some oxides having fluorite-type structure. V. N. Chebotin, Trudy Inst. elektrokhim. UPAN SSSR no. 7:115-129 '66.

CRYSTAL OSCILLATORS see Oscillators, Crystal

CRYSTALLIZATION

Crystallization of cellulose tributyrate. P. V. Kozlov, M. I. Rodionova, Vysokom. soed. 8 no. 6:887-890 Je '66.

Crystallization of polyvinyl alcohol during gel formation. S. P. Papkov and others, Vysokom. soed. 8 no. 6:1035-1039 Je '66.

Distribution of isomorphous impurities in the process of the crystallization of host minerals. V. N. Anfilodov, B. I. Belov, Geokhimiya no. 10:1035-1058 O '64.

CRYSTALLIZATION (Continued)

Effect of crystallization temperature on the morphology and properties of spherulite structures. L. P. Vasilievskaya and others. Dokl. AN SSSR 188 no. 4:846-847 Je '66.

Effect of phase recrystallization on the structure and mechanical properties of single-phase titanium alloy castings. S. S. Ushkov. Fiz. met. i metalloved. 20 no. 6:888-874 D '65.

Effect of the rate of ferrite on the recrystallization of steel in fractures. N. N. Lipchin, I. U. A. Bolykh, B. V. Gromov. Izv. vys. ucheb. zav. i Chern. met. 9 no. 6:141-144 '66.

Effect of the rate of crystallization on the behavior of metal alloys at high temperatures. A. A. Presninkov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:61-64 '66.

Equilibrium coefficient of separation of K_2ZrF_6 and K_2HF_6 in crystallization from aqueous solution. O. I. Egerev, A. D. Pogorelyy. Zhur. prikl. khim. 39 no. 5:1186-1187 My '66.

Kinetics of the 08 steel recrystallization process depending on the conditions of cold deformation and the annealing temperature. I. M. Pavlov, I. U. A. Skakov, D. I. Makeev. Trudy MEI no. 61 pt. 1:161-167 '65.

Oriented crystallization in soldered joints. A. A. Bocharov, A. S. Ekaterina. Izv. AN SSSR. Met. no. 3:146-149 My-Je '66.

Study of crystallization of some polymers by the nuclear magnetic resonance method. R. I. A. Sagitov, A. I. Maklakov. Vysokom. soed. 8 no. 6:1003-1006 Je '66.

Studying the recrystallization of steel during heating by the high-temperature X-ray method. S. S. D'achenko, G. V. Fedorov. Fiz. met. i metalloved. 18 no. 1:73-77 Ji '64.

CRYSTALLOGRAPHY

Crystalline and molecular structure of methanesulfonamide. L. G. Vorontsova. Zhur. struk. khim. 7 no. 2:200-203 Mr.-Ap '66.

Crystalline structure of iodotrimethane. N. I. Golovina, L. O. Atovmian. Zhur. struk. khim. 7 no. 2:235-239 Mr.-Ap '66.

Crystallography today and tomorrow; on the occasion of the forthcoming 7th Congress of the International Union of Crystallography. B. K. Vainshtein. Vest. AN SSSR 39 no. 6:22-32 Je '66.

Ferromagnetic resonance in magnetotaxial single crystals with different initial domain structure. I. A. S. Shur, O. I. Shirinaeva. Izv. AN SSSR. Ser. fiz. 30 no. 6:1012-1015 Je '66.

Molecular distances and packing of molecules in the bis-[1-(1-ethylferrocenyl)] crystal. Z. L. Kaluski, I. U. T. Struchkov. Zhur. struk. khim. 7 no. 2:243-246 Mr.-Ap '66.

Relation between the infrared absorption value and the basal interplane distances in phlogopites. M. S. Mel'sik, T. I. Shishelova, V. A. Liope. Zhur. prikl. spekt. 4 no. 5:464-466 My '66.

Some theoretical states of mineralogy and crystallography. I. E. V. Shevchenko. Geol. zhur. 26 no. 3:89-102 '66.

CRYSTALS--DEFECTS

Effect of crystal defects on the line width of ferromagnetic resonance in ferrites. I. A. Derugin, V. V. Danilov. Izv. AN SSSR. Ser. fiz. 30 no. 6:1011 Je '66.

Role of vacancies and dislocated atoms in the formation of induced anisotropy. A. G. Lesnik, G. I. Levin, V. M. Nedostup. Izv. AN SSSR. Ser. fiz. 30 no. 6:1050-1054 Je '66.

CRYSTALS--GROWTH

Formation of nuclei of a crystal in the electrolysis of fused salts. Part 2: Electrolysis of pure fused silver nitrate. A. N. Baraboshkin, L. T. Kozikhin, N. A. Salykova. Trudy Inst. elektrokhim. UFAN SSSR no. 7:47-58 '65.

Formation of twin crystals of germanium, silicon, and semiconductor compounds Al_2P_3 . S. A. Strotel'ev. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:57-60 '66.

CRYSTALS--SPECTRA

Some characteristics of the formation of color centers in NaI and NaBr crystals. R. I. Didyk, M. V. Pashkovskii, N. A. Tsai. Opt. i spekt. 20 no. 5:832-836 My '66.

CUBA

They have a short memory, and their hands are short too; Nicaragua. L. Kamysh. Mezhdunar. zhizn' 13 no. 8:110-111 '66.

CUBA--ECONOMIC CONDITIONS

Cuba; under the banner of July 26 she is marching toward new victories. Kommunist 43 no. 11:84-88 Ji '66. The Republic of Cuba, the first socialist country of America. V. Gladki. Komm. Vooruzh. Sil 47 no. 14:74-77 Ji '66.

CUBA--FOREIGN RELATIONS

Revolutionary Cuba and international law. M. I. Lazarev. Sov. gos. i pravo 36 no. 7:70-77 Ji '66.

CUBA--HYDROMETEOROLOGY

Hydrometeorology in the Republic of Cuba. F. F. Davitina. Meteor. i gidrol. no. 6:45-48 Je '66.

CUBA--POLITICS AND GOVERNMENT

The Republic of Cuba, the first socialist country of America. V. Gladki. Komm. Vooruzh. Sil 47 no. 14:74-77 Ji '66.

CUCURBITACEA see Vine crops

CULICOIDES see subdivision under Voronezh Province

CULTIVATED PLANTS see Plants, Cultivated

CULTIVATORS

Studying elastic deformations of the parts of mounted cultivators. M. Mukhomediev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:54-58 My '66.

CULTIVATORS--HYDRAULIC EQUIPMENT

Results of field tests of the hydraulic transmission to the active working parts of a planter-cultivator. K. F. Shcherbakov, E. B. Burtiykin. Trakt. i sel'khoz. mash. no. 6:30-32 Je '66.

CULTURAL RELATIONS see subdivision under Communist countries

CULTURE AND COMMUNISM see Communism and culture

CUMENE

Mechanism of liquid-phase cumene oxidation studied by the inhibition method. Part 3: Formation of reaction products and their effect on the radical decomposition of hydroperoxide. V. L. Antonovskii, E. T. Denisov, L. V. Solntseva. Kin. i kat. 7 no. 3:400-413 My-Je '66.

CUPOLA FURNACES

Cupola furnace with extended water jacket used in the manufacture of mineral wool. A. S. Podnos, Stroi. mat. 12 no. 2:3 F '66.

CUPOLA FURNACES--DESIGN AND CONSTRUCTION

Brilaki, M. M., and V. M. Gorlinkel'. [Modernization of cupola furnaces] Modernizatsiya vagnanok. Moskva, Mashinostroyeniye, 1966. 176 p.

CURRENTS--HARVESTING

Hand vibrating tool for picking currants. A. Ulfanov, V. Charushnikov. Tekh. v sel'khoz. 26 no. 5:52-53 My '66.

CURRENCY QUESTION see subdivision under India

CURRENTS (HYDROLOGY)

Calculation of sediment transportation along the coast. A. I. Shvartsman, A. I. Makarova. Trudy GGI no. 132:57-67 '66.

CURVES

Boundedness of curves of given curvatures. B. M. Cherdak. Uch. zap. Ped. Inst. Gerts. 274:202-212 '65.

CUSHING'S SYNDROME

Role of hypertensive hydrocephalic manifestations in the genesis of neurological symptoms in Itsenko-Cushing's disease and syndrome. L. S. Soskin, E. Z. Glucherman, M. I. Balakhovskaya. Zhur. nevr. i psikh. 66 no. 5:606-670 '66.

CUT GLASS

Reinforcing the inserts of glass pressure-cast molds by three-dimensional tempering. B. I. Akubovich, N. N. Makarov. Stek. i ker. 23 no. 6:36-38 Je '66.

CUTTING MACHINES

Device for cutting grooves in V-bells. M. Geskin. Avt. transp. 44 no. 5:25-26 My '66.

CYANOCOBALAMINE

Utilization of the wastes of citric acid production. I. G. Goma and others. Khleb. i kond. prom. 10 no. 5:40-42 My '66.

CYANOETHYLATION

Synthesis and properties of mixed cyanoethyl ethers of cellulose. O. P. Koz'mina and others. Zhur. prikl. khim. 39 no. 5:1180-1170 My '66.

CYANOGEN COMPOUNDS

α -Cyanonalkylation. Part 1: α -Cyanonalkyl sulfonates. A. I. Akubovich, P. O. Gittel', T. G. Speldonova. Zhur. org. khim. 2 no. 4:607-610 Ap '66.

Series of aryl hydrazones, substituted derivatives of glyoxalic acid. Part 2: Synthesis of asymmetrical 1,5-diaryl-3-cyanohydrazone. R. G. Dubenko, V. D. Panchenko. Zhur. org. khim. 2 no. 4:708-710 Ap '66.

CYBERNETICS

Moscow. Institut avtomatiki i telemekhaniki. [Engineering cybernetics. Problems of control and information; problems of Soviet science] Tekhnicheskaya kibernetika. Problemy upravleniya i informatsii; voprosy sovetskoi nauki. Moskva, Nauka, 1966. 103 p.

Solution of systems of differential equations by extrapolating digital integrating computers in the initial sector. A. V. Kalinaev, O. N. Plavchenko. Kibernetika no. 2:13-17 Mr.-Ap '66.

CYBERNETICS--ABSTRACTS

[Journal of abstracts: Cybernetics] Ref. zhur. i Khb. Predmetnyi ukazatel' za 1966 g.

CYCLOALKANES

Particular features of the chemical structure of high-molecular cycloparaffinic petroleum hydrocarbons. A. A. Petrov and others. Neftokhimiya 6 no. 2:163-171 Mr.-Ap '66.

CYCLOHEXANE

Cycloalkylation of aromatic hydrocarbons by monochloro derivatives of cyclohexane and methylcyclohexane. S. D. Alekhtev and others. Azerb. khim. zhur. no. 2:40-55 '64.

Hydrogen exchange of saturated hydrocarbons in homogeneous media. Report No. 3: Ionic-chain mechanism of isotope hydrogen exchange of methylcyclohexane in solutions of trifluoroacetic and sulfuric acids. D. N. Kurbanov, V. N. Setkina, N. V. Pok. Izv. AN SSSR. Ser. khim. no. 6:974-978 '66.

Isotope effect of heat capacity and compressibility of deuterocyclohexane. P. N. Nikolov and others. Zhur. fiz. khim. 40 no. 5:1001-1007 My '66.

Oxidative ammonolysis of isomers of dimethylcyclohexane and their mixtures in a fluidized bed of a catalyst. S. D. Alekhtev, R. U. Magerramova. Neftokhimiya 6 no. 2:291-296 Mr.-Ap '66.

Preparation of β -ketoacetals of the Δ^3 -cyclohexene and cyclohexane series. G. P. Kugatova-Shenakina, V. I. Vloduprene. Zhur. org. khim. 2 no. 4:602-605 Ap '66.

Synthesis of ω -amino acids of the cyclohexane series. Part 3: Preparation of trans- β -(4-aminocyclohexyl)-propionic acid from β -(4-ketocyclohexyl)-propionic acid oxime. I. D. Plotnitsa, R. S. Muronova, I. V. Pervukhina. Zhur. ob. khim. 36 no. 6:1039-1041 Je '66.

Systemic action of hexachlorocyclohexane on the pea aphid and its metabolism in insects. I. N. Sazonova, K. I. Kozlov. Khim. v sel'khoz. 4 no. 2:133-35 Jr '66.

CYCLOHEXANE--SPECTRA

Nuclear magnetic resonance spectra of protons and the conformation of chlorine-substituted alkyl cyclohexane molecules. I. U. R. Samoilov, P. A. Mamedov, A. A. Mamedov. Azerb. khim. zhur. no. 2:103-111 '64.

CYCLOHEXANOL

Initiated oxidation of cyclohexanol. V. V. Kharitonov, E. T. Denisov. Neftokhimiya 6 no. 2:235-240 Mr.-Ap '66.

CYCLOHEXENE

Kinetics of cyclohexene dehydrogenation on a palladium film. Part 2: Dehydrogenation of cyclohexene. V. I. Shchukin. Khim. i kat. 7 no. 3:498-507 My-Je '66.

Preparation of β -ketoacetals of the Δ^3 -cyclohexene and cyclohexane series. G. P. Kugatova-Shenakina, V. I. Vloduprene. Zhur. org. khim. 2 no. 4:602-605 Ap '66.

Reaction of compounds with methyl halogen. Part 2: Some products based on the reaction of 3-bromocyclohexene with isoprene. V. K. Trononnikov, O. A. Pochernikova, V. N. Belov. Zhur. org. khim. 2 no. 4:637-640 Ap '66.

CYCLONES

(see also subdivision under Atlantic Ocean; Pacific Ocean)

The high menovortex and some of its characteristics. L. S. Minda. Meteor. i gidrol. no. 6:21-30 Je '66.

Tropical cyclones. P. D. Antapenko. Priroda 55 no. 7:101-108 '66.

CYCLOPENTADIENE

Oxidation of dicyclopentadienylvanadium dihydride. S. I. A. Skachilova, A. V. Savitskiy, R. I. A. Vlasina. Zhur. ob. khim. 36 no. 6:1059-1060 Je '66.

CYCLOPENTANE

Chlorination of methylcyclopentane and dehydrochlorination of monochloromethylcyclopentane. M. A. Merdanov, K. G. Veliev, N. I. Turner. Azerb. khim. zhur. no. 2:15-18 '64.

Selective isomerization of cyclopentane hydrocarbons. Isomerization of high-boiling mono and bicyclic naphthenes. A. A. Petrov, E. V. Vaynshteyn, G. P. Morozova. Neftokhimiya 6 no. 2:172-178 Mr.-Ap '66.

CYCLOPROPANE--SPECTRA

Electron paramagnetic resonance spectra of radical anions obtained in the electrochemical reduction of nitrocyclopropane, nitroalkanes, and nitroalkenes. A. I. Prokof'ev and others. Izv. AN SSSR. Ser. khim. no. 6:1105-1107 '66.

CYCLOTRON

Sector cyclotron with a 665 mm electromagnet. A. G. Alekseev and others. Atom. energ. 20 no. 5:420-430 My '66.

CYLINDERS--THERMAL PROPERTIES

Owling and stresses in a nonuniformly heated finned cylinder. N. I. Molikov. Izv. vys. ucheb. zav. i mashinost. no. 4:23-26 '66.

CYPRUS—POLITICS AND GOVERNMENT

Danger of a bargain about Cyprus. V. Kondrat'ev. Mezhdunar. zhizn' 13 no. 6:118-119 '66.
The plot against Cyprus. N. Msholts. Nov. vrem. 24 no. 26:10-11 Je '66.

CYSTS

Etiology, pathogenesis, and pathomorphology of epithelial passages in the coccycal area. S. Z. Oganesian. Zhur. eksp. i klin. med. 6 no. 2:55-63 '66.

CYTOCHROME REDUCTASE

Activity of NAD-H₂-cytochrome-c-reductase in cabbage tissues both intact and infected by Botrytis cinerea. V. A. Akseanova. Z. I. Kshvun'nik. B. A. Rubin. Dokl. AN SSSR 168 no. 4:951-954 Je '66.

CYTOGENETICS

Cytogenetic study of hybrids between three species of the genus *Fragaria* L. T. S. Fadeeva, V. N. Migalovskaya. Vest. LGU no. 9:119-131 '66.

CYTOLOGIC DIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY

Cytological changes in the uteriferous tubules of mice under conditions of dehydration, antidiuresis, and osmotic diuresis. V. G. Petrova. Arkh. anat., giat. i embr. 50 no. 5:61-68 My '66.

Percentage correlation of various types of adenophysis cells in female mice of the strains C3H and C57Bl. V. I. Romanov. Blul. eksp. biol. i med. 61 no. 5:116-118 My '66.

CYTOPLASM see Protoplasm

CZECHOSLOVAKIA—AGRICULTURAL MACHINERY

Czechoslovak exhibition. Jiri Skoch. Trakt. i sel'khoz-mash. no. 6:8-9 Je '66.

CZECHOSLOVAKIA—BENTONITE—CONGRESSES

Ukrainsko-Chekhoslovatskaya konferentsiya po bentonitnii, Uzhgorod, 1965. [Bentonite clays of Czechoslovakia and the Ukraine; transactions] Bentontovye gliny Chekhoslovaki i Ukrainy; trudy. Kiev, Naukova dumka, 1966, 209 p.

CZECHOSLOVAKIA—BIBLIOGRAPHY—BEST BOOKS

Bibliography of recommend books in Czechoslovakia. J. Bieha. Sov. bibl. no. 2:116-123 '66.

CZECHOSLOVAKIA—CIVIL DEFENSE

From stage to stage. Jiri Cermak. Voen. znan. 42 no. 6:26-27 Je '66.

CZECHOSLOVAKIA—CONSTITUTION

How the Constitution of the Czechoslovak Socialist Republic ensures the participation of workers in government. P. Marynenko. Rad. pravo 28 no. 5: 85-88 Je '66.

CZECHOSLOVAKIA—ECONOMIC POLICY

Economic policy of the Communist Party of Czechoslovakia. Mezhdunar. zhizn' 13 no. 7:98-97 '66.

Legal aspects of the new system of economic administration in the Czechoslovak Socialist Republic. Sov. gos. i pravo 36 no. 6:102-111 Je '66.

The new system of the national economic management of Czechoslovakia and statistics. J. Kuzimour. Vest. stat. no. 6:43-48 '66.

CZECHOSLOVAKIA—ENTOMOLOGICAL RESEARCH

Main centers and principal advances in entomological research in Czechoslovakia. G. I. A. Bel-Bienko. Ent. oboz. 45 no. 2:465-467 '66.

CZECHOSLOVAKIA—INDUSTRIAL MANAGEMENT

Legal aspects of the new system of economic administration in the Czechoslovak Socialist Republic. Sov. gos. i pravo 36 no. 6:102-111 Je '66.

New methods of industrial management in Czechoslovakia. I. U. Surkov. Ekon. sel'khoz. 41 no. 5:112-116 My '66.

CZECHOSLOVAKIA—ORTHODOX EASTERN CHURCH

Theological conceptions of the Orthodox Church in Czechoslovakia. A. Shrinkin. Zhur. Mosk. Patr. no. 4:37-40 '66.

CZECHOSLOVAKIA—PANTOMIME

Ladislav Fialka's pantomime. E. Sh. Teatr 25 no. 10: 132-133 O '64.

CZECHOSLOVAKIA—POLITICS AND GOVERNMENT

Problems of political development during the transition from capitalism to socialism; the experience of Czechoslovakia in 1945-1948. D. N. Topornin. Sov. gos. i pravo 36 no. 7:33-42 Ji '66.

CZECHOSLOVAKIA—PRESS

Press of socialist Czechoslovakia; press in foreign countries. G. Alekseev. Mezhdunar. zhizn' 13 no. 7:135-138 '66.

CZECHOSLOVAKIA—ROADS

Friendship road has been constructed ahead of schedule. M. S. Goldman. Transp. stroit. 10 no. 6:54-56 Je '60.

CZECHOSLOVAKIA—SOCIOLOGICAL JURISPRUDENCE

Sociological studies of law and political relations in Czechoslovakia. "Democracy and specialists," a questionnaire of the periodical "Pravnik." Petr Pitthart. Sov. gos. i pravo 36 no. 7:153-155 Ji '66.

DAGHESTAN—COLLECTIVE FARMS—MANAGEMENT

Khanukov, S. B. [The labor supply and the profitability of production] Trudovye resursy i rentabelnost' proizvodstva. Moskva, Znauka, 1966, 61 p. (Narodnyi universitet. Sel'skokhoziaistvennyi fakul'tet, no. 4)

DAGHESTAN AUTHORS see Authors, Daghestan

DAIRY BARN

Loose housing of cows on advanced farms in the Urals, Siberia and abroad; generalization of the results. P. I. Molisev. Trudy TVI 9:261-270 '65.

DAIRY BARN—EQUIPMENT AND SUPPLIES

Mechanization of a cow barn. V. Veinla, M. Kilsler. Tekh. v sel'khoz. 25 no. 3:20-24 Mr '65.

DAIRY CATTLE

Milk yield of cows as related to their constitutional characteristics and the protein structure of serum. M. S. Portnova. Nauk. pratsi zootekh. fak. UASHN 15 no. 2: 10-15 '61.

Some biological characteristics of the Yurino cattle breed. S. N. Lastochkin. Trudy Mosk. vet. akad. 14:45-56 '56.

Variability of daily milk yield by cows as related to some constitutional characteristics. M. M. Kolesnyk. Nauk. pratsi zootekh. fak. UASHN 15 no. 2:3-9 '61.

Yurino cattle. S. N. Lastochkin. Trudy Mosk. vet. akad. 14:28-44 '56.

DAIRY CATTLE—FEEDING AND FEEDS

Changes in some blood indices in dairy cows due to feeding them corn silage. M. I. Matochkin. Trudy TVI 9:281-285 '65.

DAIRY CATTLE BREEDING

(see also subdivision under Kazakhstan)

Breeding work with Brown Swiss cattle on the "Comintern" State Breeding Farm in Smolensk Province. A. I. Chernykh. Trudy Mosk. vet. akad. 14:57-70 '56.

Increasing the fat percentage and the profitability of herds kept for market production by crossbreeding with Jersey cattle. N. P. Gorchikov. Trudy Mosk. vet. akad. 14:3-16 '56.

Milk productivity in cows as related to the calving season. A. I. Zhitrov. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:112-117 '65.

Organizing the crossing of East Friesian cows with Jersey bulls as exemplified by the Ramenskoye State Farm. A. L. Sokolov. Trudy Mosk. vet. akad. 14:17-27 '56.

DAIRY INDUSTRY see subdivision under Gorno-Altai Autonomous Province; Lvov Economic Region

DAIRY PRODUCTS

Kuleshova, V. D. [Production of whole milk products] Proizvodstvo tsel'nomochnol produktov. Moskva, Pishchevaia promyshlennost', 1966, 117 p.

DAMS

Repairing upstream aprons of wooden dams without the construction of cofferdams. M. Kalinovich. Rech. transp. 22 no. 8:38 Ag '64.

DAMS—DESIGN AND CONSTRUCTION

(see also subdivision under Italy)

Calculation of high arch dams. A. P. Filin, I. M. Chernova. Sbor. trud. LIIZHT no. 230:199-274 '65.

Characteristics of the calculation of the durability of massive arch and arch-gravity dams. S. A. Frid. Sbor. trud. LIIZHT no. 230:161-168 '65.

Some problems in the calculation of thick arches. R. M. Rappoport and others. Sbor. trud. LIIZHT no. 230:169-198 '65.

DANBURITE

Electron paramagnetic resonance of Cu²⁺ in danburite. L. V. Borshov, A. S. Marfunin. Geokhimiia no. 10:259-1260 O '65.

DANBURITE—ANALYSIS

Spectrographic analysis of the danburite concentrate. B. I. Tsaplovich. Prom. Bel. 9 no. 4:36-37 Ap '66.

DANCERS

Pasternakova, Mariia. [Ukrainian women in choreography] Ukrainka zhinka v khoreografi. 2. dop. vyd. Winnipeg, Nakladom Soluzi ukrainok Kanady, 1964, 238 p. (CoU)

DANCING

[New ballroom dances] Novyye bal'nye tantsy. Moskva, Sovetskaya Rossiia, 1966, 133 p. (Biblioteka "V pomoshch' khudozhestvennoi samodelatel'nosti," no. 4)

Shkol'nikov, L. S. [Stories about dances] Rasskazy o tantsakh. Moskva, Sovetskaya Rossiia, 1966, 127 p.

DANCING—STUDY AND TEACHING

Here they train the future artists and musicians. A. Markina. Nar. obr. no. 6:69-71 Je '66.

DANIEL', IULII MARKOVICH, 1925-

[At the trial of A. Sinyavsky and Yu. Daniel] Shtavskii i Daniel' na skam'e podsudimyykh. New York, Mezhdunarodnoe literaturnoe sdruzhestvo, 1966, 128 p. [In French and Russian]

DAN'KO, NATAL'IA IAKOVLEVNA, d. 1942

Ovsiannikov, I. M. [Sculptor in a red robe; Natalia Iakovlevna Dan'ko and her work] Skul'ptor v krasnom khale: Natal'ia Iakovlevna Dan'ko i ee tvorchestvo. [Moskva, Sovetskii khudozhnik, 1965] 103 p. (MH)

DANUBE DELTA—COAST CHANGES

Accumulative coast forms in the shore area of the Danube Delta. I. D. Shuiskii. Izv. AN SSSR. Ser. geog. no. 3:85-100 My-Je '66.

DARKLING BEETLES see subdivision under Turkmenistan

DATA TRANSMISSION SYSTEMS

Kluev, N. I. [Informational principles of data transmission] Informatsionnye osnovy peredachi soobshchenii. Moskva, Sovetskoe radio, 1966, 359 p.

Mikutskii, G. V. [System for treating and coupling high-frequency communication channels] Ustroistva obrabotki prisoedineniya vysokochastotnykh kanalov. Moskva, Energiia, 1966, 183 p.

DATA TRANSMISSION SYSTEMS—RELIABILITY

Information systems reliability. S. M. Mandel'shtam. Avtom. i telet. no. 5:167-171 '66.

DATOLITE

Determining carbonic acid-soluble boron compounds in the sinter of datolite ores and lime. A. K. Kutarkina, A. A. Moshkina. [Trudy] UNIKHIM no. 11:81 '64.

Determining free calcium oxide in datolite sinter. A. A. Moshkina, I. G. Kozlova. [Trudy] UNIKHIM no. 11: 70-72 '64.

DEAD SEA SCROLLS

Stoll, Heinrich Alexander. [The cave by the Dead Sea. Abridged translation from the German] Peshchera u Mervogo moria. Moskva, Nauka, 1965, 206 p. (MD)

DEAF

Audiometric examination of deaf-mute schoolchildren. V. M. Sokolov. Uch. zap. Bur. gos. ped. inst. no. 24: 101-111 '61.

DEATH, APPARENT

Effectiveness of massive intra-arterial blood infusion in the complex of resuscitation. M. T. Tulenov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:156-159 '65.

DEATHWATCH BEETLES—EXTERMINATION

Persov, M. P. [Furniture beetle and measures for its control] Mebel'nyi tochil'shchik i merey bor'by s nim. Leningrad, Stroizdat, 1966, 34 p. (DNAI)

DEBUSSY CLAUDE, 1862-1918

Krein, I. U. G. [Debussy's and Ravel's instrumental chamber works] Kamerno-instrumental'nye ansambli Debussy i Ravela. Moskva, Muzyka, 1966, 107 p. (Biblioteka slushatelia kontsertov)

DECELERATION (PHYSIOLOGY) see Acceleration (Physiology)

DEEP-SEA DEPOSITS see Marine sediments

DEER see subdivision under Azarbaijan

DEER BREEDING see subdivision under Askaniya-Nova Preserve

DEFENSE (CRIMINAL PROCEDURE)

The defense of juvenile delinquents. L. Fris. Rad. pravo 28 no. 5:54-58 Je '66.

Effectiveness of criminal defenses. A. I. Tsubin. Sov. gos. i pravo 36 no. 7:148-149 Ji '66.

DEFICIENCY DISEASES IN CATTLE see subdivision under Ural Mountain region

DEFICIENCY DISEASES IN DOMESTIC ANIMALS see subdivision under Kustanay Province

DEFOE, DANIEL, 1661?-1731

Mirmekli, I. V. [Studies of the classics: Defoe, Voltaire, Goethe, Hoffmann, Helne, German poets of the 1848 Revolution, Heinrich Mann] Stat'i o klassikakh: Defo, Volter, Goto, Gofman, Geine, Nemetskii poety Revoliutsii 1848 goda, Genrich Mann. Moskva, Khudozhestvennaya literatura, 1966, 250 p.

DEFORMATIONS (MECHANICS)

- Analysis of the factors affecting crease formation in shoe materials. A. N. Kalita, I. P. Zybina. *Izv. vys. ucheb. zav.*, tekhn. leg. prom. no. 2:108-112 '66.
- Analytical functions and variation principles in the theory of hard-plastic solids. G. I. A. Gun, P. I. Polukhin. *Trudy MEI* no. 61 pt. 1:195-201 '65.
- Change in some properties of phenolphthalein and thymolphthalein as a result of plastic deformation under high pressure. M. G. Gouligberg, A. A. Petrov, Dzh. N. Anell. *Izv. AN SSSR. Ser. khim.* no. 6:1090-1091 '66.
- Determining the critical self-heating of polymers in cyclic deformation. V. I. Korobov, S. B. Ratner. *Zav. lab.* 32 no. 5:589-591 '66.
- Determining the elastic modulus of highly elastic bodies in the uniaxial compression of cylinders. V. M. Ivanov, A. V. Sidorovich, E. V. Kuvshinskii. *Zav. lab.* 32 no. 5:592-593 '66.
- Effect of conditions of deformation on the linear rate of growth of nickel recrystallization centers. L. N. Larikov, E. E. Zastichuk, M. N. Semenenko. *Fiz. met. i metalloved.* 18 no. 1:106-110 '64.
- Effect of the temperature of plastic deformation on the mechanical properties of austenitic heat resistant steels. M. M. Steinitz and others. *Izv. vys. ucheb. zav.*, Chern. met. 9 no. 6:125-130 '65.
- Elastic turning of a strip following its exit from the stand of a continuous pipe forming mill. P. I. Polukhin, S. P. Karpov, V. A. Rymov. *Trudy MEI* no. 61 pt. 1:233-237 '65.
- Engineering method of calculating plastic deformations of rolls on four-high mills. P. I. Polukhin, V. I. Skorupskii. *Trudy MEI* no. 61 pt. 1:23-34 '65.
- Forward flow during rolling with uniform reduction changes using cylindrical rolls. T. M. Golubev, L. V. Morozov. *Izv. vys. ucheb. zav.*, Chern. met. 9 no. 6:105-111 '66.
- General theory of final plastic deformation of sheet material. P. I. Polukhin, V. A. Rymov, G. I. A. Gun. *Trudy MEI* no. 61 pt. 1:11-15 '65.
- Gibshman, M. E. [Theory and calculation of prestressed reinforced-concrete bridges considering protracted deformations] *Teoriia i raschet predvaritel'no napriazhen-nikh zhelezobetonnykh mostov s ucheton dittel'nykh de-formatsii.* Moskva, Transport, 1966, 335 p.
- Mechanisms of moist deformations of silicate autoclave cellular concretes. N. N. Skobinskaja. *Zhur. prikl. khim.* 39 no. 5:1012-1018 My '66.
- Methods of additional evaluation of the deformation of specimens during the tensile testing of metals. I. M. Pavlov, A. E. Skelest, I. U. F. Tarasovich. *Trudy MEI* no. 61 pt. 1:17-21 '65.
- Methods of studying contact stresses during plastic deformation with the help of universal pins. A. N. Levakov, Kuz. -shim. prom. 8 no. 6:10-20 Je '66.
- Plastic flow of metal in a closed groove. G. I. Maslovich. *Trudy MEI* no. 61 pt. 1:153-160 '65.
- The Schwarz-Christoffel Integral and the plastic flow in polygonal regions. G. I. A. Gun, P. I. Polukhin. *Trudy MEI* no. 61 pt. 1:203-209 '65.
- Studying elastic deformations of the parts of mounted cultivators. M. Mukhamediev. *Vest. sel'khoz. univ. [Kazakh.]* 9 no. 5:54-58 My '66.
- Theory of plastic deformation during upsetting in grooves. P. I. Polukhin, V. S. Berkovskii, G. I. A. Gun. *Trudy MEI* no. 61 pt. 1:139-151 '65.

DEGENERATION, FATTY

Effect of blomyelin and levomyocetin on the development of alimentary lesions of the liver in rats. Kh. E. Gadzhiev, I. A. Shamov. *Blud. eksp. biol. i med.* 61 no. 6:42-46 Je '66.

DEGRADATION (CHEMISTRY)

- Thermal degradation of 3, 3, 3-trifluoropropyl (methyl) siloxanes. S. N. Novikov, E. G. Kagan, A. N. Pravednikov. *Vysokom. soed.* 8 no. 8:1015-1017 Je '66.
- Thermo-oxidizing degradation of grafted copolymers of styrene with ϵ -caprolactam. V. V. Rodé and others. *Dokl. AN SSSR* 168 no. 4:825-827 Je '66.

DEHRNITE see subdivision under Dniester Valley

DEHYDRATION (CHEMISTRY)

- Effective polarization of water in hydrates of some complex molybdenum, tungsten, and niobium oxyfluorides. L. I. Baranova and others. *Zhur. struk. khim.* 7 no. 2:273-274 Mr-Apr '66.
- Theory of salting-out from aqueous solutions. Part 2: Dehydration and hydration as dependent on the salting-out cation hydration. O. I. A. Samoilov. *Zhur. struk. khim.* 7 no. 2:175-178 Mr-Apr '66.

DEHYDROGENASES

- Dehydrogenase activity of cellfree enzymatic preparations from *Acetobacter suboxydans* on various oxidation substrates. I. U. E. Epifanova. *Vest. LGU* no. 6:113-118 '66.

DEHYDROGENATION

- Conversion of hydrocarbons on various dehydrogenating catalysts. E. A. Timofeeva. *Kin. i kat.* 7 no. 3:494-497 My-Je '66.
- Kinetics of cyclohexene dehydrogenation on a palladium film. Part 2: Delocalized adsorption. V. I. Shitumits. *Kin. i kat.* 7 no. 3:498-507 My-Je '66.

Reaction equilibrium of n-butane and isopentane dehydrogenation in the presence of iodine. I. U. I. Kozorezov. *Neftekhimika* 6 no. 2:193-198 Mr-Apr '66.

DELAY LINES

- Calculation of the Q-factor of a helical delay line with a solid screen. I. U. S. Belovarov. *Radiotekh. i elektron.* 11 no. 6:1134-1135 Je '66.
- Design of multistage rod-type delay systems. V. M. Dashenkov. *Radiotekh. i elektron.* 11 no. 7:1317-1321 Ji '66.
- Frequency analysis of discrete circuits with delay lines. V. V. Mlechin. *Radiotekh. i elektron.* 11 no. 7:1200-1209 Ji '66.

DELIRIUM TREMENS

- Nature of acute delirious psychoses in the clinical aspects of alcoholism. A. S. Dobrov. *Zhur. nevr. i psikh.* 66 no. 5:731-738 '66.
- Onset disorders in acute alcoholic psychoses. V. G. Shneider. *Zhur. nevr. i psikh.* 66 no. 5:739-746 '66.

DELIVERY OF GOODS (LAW)

- Acceptance of producers' and consumer goods on a quantitative basis. *Sov. gos. i pravo* 36 no. 6:131-132 Je '66.
- Decisions of arbitration agencies. *Rad. pravo* 20 no. 5:96-97 My '66.
- Decisions of arbitration agencies. *Rad. pravo* 20 no. 6:90-100 Je '66.
- Let the persons responsible for the violation of contracts pay the fines. M. Baru, O. Pushkin. *Rad. pravo* 20 no. 5:44-47 My '66.
- Relations between contractors and clients in supplying the construction projects with equipment and materials. O. Sadikov. *Sov. iust.* 30 no. 13:11-12 Ji '66.
- Responsibility for the delivery of substandard metal. L. Holenbo. *Rad. pravo* 20 no. 6:48-51 Je '66.
- A review of the practical implementation of the instruction issued by the Arbitration Agency attached to the Council of Ministers of the U.S.S.R. "Procedure in establishing the amount and number of delivered consumer goods and industrial and technical equipment." *Sov. iust.* 30 no. 13:31-32 Ji '66.
- Specific liability aspects for infractions of laws on planning delivery of goods. N. I. Klein. *Uch. zap. VNIISZ* no. 5:128-137 '66.
- Ways of receiving and verifying the number of delivered articles and goods. *Sov. gos. i pravo* 36 no. 7:146-147 Ji '66.

DELPHINIUM

(see also subdivision under Irkutsk Province)

- Some data on the chemical composition of Delphinium crassifolium Schrad. Report No. 2. T. G. I. A. Gunina. *Lok. i syr. res. Irk. obl.* no. 4:116-126 '65.

DELUSIONS see Hallucinations and Illusions

DEMENTIA

- Syndromes of dementia following acute disorders of cerebral blood circulation. A. L. Abashev-Konstantinovskii. *Zhur. nevr. i psikh.* 66 no. 5:714-720 '66.

DEMENTIA PRAECOX see Schizophrenia

DEMOGRAPHY—CONGRESSES

- In the Demographic Section of the Moscow House of Scholars. A. K. Veit. *stat.* no. 6:83-84 '66.

DENMARK—HISTORIOGRAPHY

- Postwar studies of Danish bourgeois historians. V. V. Pokhlebin. *Vop. ist.* 41 no. 0:177-185 Je '66.

DENMARK—POPULAR FRONTS

- Problems concerning the unity of the left wing forces. B. Myrland. *Part. zhizn'* no. 13:66-71 Ji '66.

DENSITOMETERS

- Expansion of the range of molecular masses determined by means of density detectors. I. A. Rovell'skii, R. I. Borodulina, T. M. Sovakova. *Neftekhimika* 6 no. 2:319-323 Mr-Apr '66.

DENTAL PROSTHESES see Prosthodontics

DEPRECIATION

- Accounting for obsolescence in amortization deductions. B. Egiazarian. *Nauch. dokl. vys. shkoly; ekon. nauki* 9 no. 3:110-115 '66.

DERZHAVIN, GAVRIL ROMANOVICH, 1743-1810

- Our anniversary calendar. *Kutzh. torg.* 17 no. 6:42-43 Je '66.

DESERTS—RESEARCH see subdivision under Soviet Central Asia

DESIGN, INDUSTRIAL

- (see also subdivision under Armenia)
- In friendship with aesthetics. G. F. Podnevich. *Prom. Bel.* 9 no. 4:65-66 Ap '66.
- Scientific organization of work and the means of technical aesthetics. A. G. Ustinov. *Mashinostroitel'* no. 6:26-28 Je '66.

DESNA RIVER—FLOOD FORECASTING

- Use of the Kolmogorov-Wiener filter in the statistical prediction of flood volume of the Desna River. V. N. Stepanenko. *Avtomatika* 10 [i. e. 11] no. 3:42-48 '66.

DESNA VALLEY—FOREST ECOLOGY

- Forests of the Desna-Seym interfluvium. I. U. N. Shalash-Sosonko. *Ukr. bot. zhur.* 23 no. 3:105-110 '66.

DESULFURATION

- Kinetics of desulfuration of nickel matte in a fluidized bed. A. I. Tikhonov, S. K. Chuchmarov, V. I. Solovov. *Dokl. AN SSSR* 168 no. 4:867-870 Je '66.
- Sulfur absorbing properties of fluorine-containing slags. G. I. Zhmoldin and others. *Izv. AN SSSR. Met.* no. 3:42-46 My-Je '66.

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DETONATION

- One-dimensional model of detonation of heterogeneous systems. S. S. Rybanin. *Dokl. AN SSSR* 168 no. 4:857-859 Je '66.

DEUTERIUM

- Generation of deuterium nuclei in cosmic rays. B. M. Kuzhevskii. *Iad. fiz.* 4 no. 1:130-131 Ji '66.

DEUTERIUM COMPOUNDS—THERMODYNAMICS

- Isotope effect of heat capacity and compressibility of deuterocyclohexane. P. N. Nikolaev and others. *Zhur. fiz. khim.* 40 no. 5:1001-1007 My '66.

DEUTERONS

- Effect of diamagnetic ions on quadrupole relaxation times of deuterons in water. V. I. Ionov, R. K. Maitov. *Zhur. struk. khim.* 7 no. 2:184-186 Mr-Apr '66.

DEUTERONS—DECAY

- Role of nonphysical partial amplitude singularities in the deuteron photodisintegration problem. V. A. Kaminskii. *IU. V. Orlov. Iad. fiz.* 4 no. 1:110-122 Ji '66.

DIABASE—ELASTIC PROPERTIES

- Elastic properties and temporary resistance to compression of various kinds of diabase, sandstone, silt and argillite. Z. S. Mokhov. *Shor. izd. LIZHT* no. 230:147-160 '65.

DIABETES

- Comparative evaluation of glucose and arabinose absorption by the alimentary canal in healthy animals and those with experimental diabetes. I. A. Drzhevetskaja. *Blud. eksp. biol. i med.* 61 no. 6:40-42 Je '66.
- Function of the thyroid gland and basal metabolism in various forms and some complications of diabetes mellitus. V. G. Armutanov, V. M. Armutanov, N. N. Sakantun. *Zhur. eksper. i klin. med.* 6 no. 3:90-98 '66.

DIABETES—COMPLICATIONS AND SEQUELAE

- State of some eye functions in diabetes. Z. A. Alieva. *Trudy Azerb. nauch. -issl. inst. oft.* 4:78-81 '63.

DIAGNOSIS

- Riga. Medicins Institute. [Chemistry and medicine; materials of the 12th Session] *Khimia i meditsina; materialy XII nauchnoi sessii.* Riga, 1964, 114 p. (DNLM)

DIAGNOSIS, CYTOLOGIC

- Possibility of fluorescent cytological diagnosis of cancer of the breast. G. A. Arzumanyan, M. A. Zeltman. *Zhur. eksper. i klin. med.* 6 no. 2:8-13 '66.

DIAGNOSIS, DIFFERENTIAL

- Characteristics of the clinical course of present-day typhoid fever and problems of early diagnosis of typhoid and paratyphoid diseases. P. A. Allinov, A. P. Kozantsev. *Voen. -med. zhur.* no. 6:26-30 Je '66.
- Clinical aspects and diagnosis of encephalitis in children. E. A. Edel'shtein, I. M. Synyova. *Zhur. nevr. i psikh.* 66 no. 7:976-980 '66.
- Diagnostic significance of chronaximetry in brain tumors. Z. M. Pshenichnaya. *Zhur. nevr. i psikh.* 66 no. 6:657-661 '66.
- Differential diagnosis of neurosurgical diseases. N. M. Linchenko. *Zhur. nevr. i psikh.* 66 no. 6:652-657 '66.
- Use of gradual statistical analysis for the solution of problems of differential diagnosis. B. V. Iovlev, I. M. Tonkonogii. *Zhur. nevr. i psikh.* 66 no. 6:703-714 '66.

DIAGNOSIS, FLUOROSCOPIC

- Organization of the fluorographic examination of troops in a district. G. A. Vilimov and others. *Voen. -med. zhur.* no. 6:20-22 Je '66.
- Possibility of fluorescent cytological diagnosis of cancer of the breast. G. A. Arzumanyan, M. A. Zeltman. *Zhur. eksper. i klin. med.* 6 no. 2:8-13 '66.
- Significance of the fluorographic method for the detection of diseases of the chest. I. U. V. Kirsanov. *Voen. -med. zhur.* no. 6:22-25 Je '66.

DIAGNOSIS, RADIOSCOPIC

Comparison of data of radioisotope examination of the liver using rose bengal I¹³¹ and Au¹⁹⁸. R.N. Turaev, Med. rad. 11 no. 6:25-29 Je '66.

Detailed diagnosis of mitral stenosis by the method of X-ray cinematography combined with contrasting of the blood. M.A. Ivanitskaya, I.U.S. Petrovskiy, M.G. Khomutova. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:66-69 '63.

Diagnostic value of scanning the liver with colloidal Au¹⁹⁸. A.N. Reginskii. Med. rad. 11 no. 6:18-25 Je '66.

Immediate prospects for the use of radioisotope diagnosis in the clinical aspects of internal diseases. M.N. Fateeva. Med. rad. 11 no. 6:13-18 Je '66.

Karitskaya, G.K. [X-ray examination in portal hypertension syndrome] Rentgenologicheskoe issledovanie pri sindrome portal'noi gipertenzii. Tashkent, izd-vo "Meditsina" UzSSR, 1966, 165 p. (DNLM)

Perel'man, V.M. [X-ray diagnosis in urological practice] Rentgenodiagnostika v urologicheskoi praktike. Moskva, TSentr. in-l usovershenstvovaniia vrachei, 1966, 50 p. (DNLM)

Radioculography in the diagnosis of pathology of intervertebral lumbar discs. V. Leo, E. Saper, Zhur. nevr. i psikh. 66 no. 5:706-708 '66.

Study of hepatic function in thyrotoxicosis using I¹³¹. labelled rose bengal. A.A. Adamyan, G.A. Kazarian, Zhur. eksper. i klin. med. 6 no. 2:14-18 '66.

DIALECTICAL MATERIALISM

Andimov, A.F. [Spiritual life of primitive society] Dуховная жизнь первобытного общества. Moskva, Nauka, 1966, 241 p.

[From knowledge to conviction; an aid for propagandists of Marxist-Leninist philosophy] Ot znanii k ubezhdeniiu; v promoshch' propagandistam marksistsko-leninskoi filosofii. [Kulbyshev] Kulbyshevskoe knizhnoe izd-vo, 1965, 206 p. (CS-H)

The general and the particular in the dialectics of socialism. M. Rozenfeld. Kommunist 43 no. 10:74-85 Ji '66.

[Natural sciences and religion] Loodustadused ja religioon. Tallinn, Eesti Raamat, 1966, 64 p. [In Estonian]

DIAMAGNETISM

Effect of diamagnetic ions on quadrupole relaxation times of deuterium in water. V.I. Ionov, R.K. Muzlov. Zhur. struk. khim. 7 no. 2:184-186 Mr-Apr '66.

DIAMOND MINES AND MINING

Prospects for the development of diamond mining in the U.S.S.R. G.A. Vvedenskii. Soob. Inst. po izuch. SSSR no. 4:147 '65.

DIAMONDS see subdivision under Yakutia

DIAMONDS, INDUSTRIAL

Diamond lapping of cutting tools made of high-speed steel. P.A. Iudkovskii, A.P. Shevel', V.I. Balanov. Stan. i instr. 37 no. 6:33-34 Je '66.

Diamond lapping of steel parts. L.K. Zetova, V.I. Pollakov. Stan. i instr. 37 no. 6:34-35 Je '66.

Diamond tool with oriented working elements in the diamond crystal. F.V. Gurin. Mashinostroitel' 10:12-13 Je '66.

Economic efficiency of diamond grinding and lapping of cutting tools. L.V. Bartashev. Vest. mashinost. 46 no. 6:86-88 Je '66.

New designs of honing heads and optimal binders for bars used in diamond honing. I.U.B. Serabrennik and others. Mashinostroitel' 10:18-20 Je '66.

Unit for recording the profile of diamond wheels. I.U. Ivanov, G.R. Mkrtych'ants. Stan. i instr. 37 no. 6:36-37 Je '66.

Zakharenko, I.P., and M.Z. Mil'shtein. [Structural parameters of hard-alloy metal-cutting tools machined with diamond wheels] Konstrukivnye parametry tverdosplavnykh metallorezhushego instrumenta, obrabatyvaemogo almaznymi krugami. Pod obshchey red. V.N. Bakulina. Kiev, Tekhnika, 1966, 22 p.

DIASTASE see Amylase

DIAZONIUM COMPOUNDS

Diazonium salts of silicomolybdate and ceriomolybdate heteropoly acids. V.P. Sagulovich and others. Dokl. AN SSSR 168 no. 4:832-835 Je '66.

Mechanism of certain reactions taking place in the presence of diazonium salts. B.S. Kikot', L.A. Kozlayna, O.A. Rutoev. Izv. AN SSSR. Ser. khim. no. 6:966-973 '66.

DIE CASTING

Investigating temperature regulation of molds in die casting. V.P. Novikov, G.F. Balandin. Avi. prom. 32 no. 6:36-38 Je '66.

DIE CASTING—EQUIPMENT AND SUPPLIES

Semiautomatic turning hydraulic chill-casting machine. V.I. Andrievskii, N.V. Gurnovich, P.S. Dembitskii. Prom. Bel. 6 no. 4:35-34 Ap '66.

DIELECTRICS

Change in the surface characteristics of a dielectric resultant from a gas discharge. A.V. Dmitriev, TSzian TSzo-tszian' [Chiang Chieh-chieh]. Zhur. tekhn. fiz. 36 no. 4:739-745 Ap '66.

Doppler effect on surface waves. L.G. Naryshkina. Radiotekh. i elektron. 11 no. 7:1189-1195 Ji '66.

Electric breakdown of thin solid dielectrics. G.A. Vorob'ev, A.A. Vorob'ev. Izv. vuz. ucheb. zav. i energ. 9 no. 5:113-115 My '66.

Radiation of electromagnetic waves during the motion of an electron flow above a lattice lying on the boundary of a semi-infinite anisotropic dielectric. V.A. Reregaman and others. Radiotekh. i elektron. 11 no. 7:1238-1247 Ji '66.

Thermometer for continuous measurement of the temperature of dielectrics and semiconductors in high-frequency fields. D.I. Malov, L.S. Snagor. Izv. vuz. ucheb. zav. i elektron. 9 no. 5:581-585 '66.

Vorob'ev, A.A., and G.A. Vorob'ev. [Electrical puncture and breakdown of solid dielectrics] Elektricheskiy probol i razrushenie tverdykh dielektrikov. Moskva, Vysshaya shkola, 1966, 221 p.

DIELECTRICS—OPTICAL PROPERTIES

Theory of optical spectra in magneto-ordered dielectrics. V.A. Popov. Izv. AN SSSR. Ser. fiz. 30 no. 6:927-932 Je '66.

DIENCEPHALON—DISEASES

Diencephalic disorders in infantile cerebral palsy and their role in the pathogenesis of this disease. K.A. Semenov. Zhur. nevr. i psikh. 66 no. 7:1028-1034 '66.

DIES (METALWORKING)

Blocks and die sets for trimming the walls of box-type parts. A.I. Natenko, I.S. Shval'shtein. Kuz.-shl. i proizv. 8 no. 6:46 Je '66.

Determining stresses on the cutting edges of hard-alloy blanking dies. S.M. Khupar and others. Kuz.-shl. i proizv. 8 no. 6:22-24 Je '66.

Hydraulic presses for the relief work on dies. G.M. Berul and others. Kuz.-shl. i proizv. 8 no. 6:27-30 Je '66.

DIESEL ELECTRIC POWER PLANTS

Kraiberg, M.I. [Electric drive with autonomous power supply] Elektroprivod pri avtonomnoi islochnike energii. Moskva, Energiia, 1966, 223 p.

Strunze, B.N., and others. [Automated high-capacity type D100 diesel gas generators] Avtomatizirovannyye dizel'-generatory bol'shoi moshchnosti tipa D100. Moskva, Mashinostroenie, 1966, 250 p.

DIESEL ENGINES

Calculation and experimental study of an impulse-type gas turbine supercharger system of large low r.p.m. diesel engines. L.M. Kazakov. Energomashinostroenie 12 no. 6:22-26 Je '66.

Calculation determination of temperatures in a diesel piston. M.K. Ovstannikov, I.U.S. Saroltov. Energomashinostroenie 12 no. 6:16-19 Je '66.

Degree of nonuniformity of the air road regulator of a motor-vehicle diesel engine. E.I. Blazhenov. Avi. prom. 32 no. 6:9-12 Je '66.

Effect of the design of a diesel engine and the conditions of its operation on the cavitation erosion of bushings and cylinder blocks. N.N. Ivanchenko. Energomashinostroenie 12 no. 12:9-11 D '65.

Effect of the design parameters of a pressure line and fuel characteristics on the propagation speed and nature of pressure wave reflection in the fuel system of a diesel engine. I.V. Astakhov. Energomashinostroenie 12 no. 5:15-19 My '66.

Increasing the reliability and durability of the D-50 engine. M. Smirnov. Tekhn. i sel'khoz. 25 no. 3:78-80 Mr '66.

Oil consumption efficiency of a motor. G.A. Morozov. Energomashinostroenie 11 no. 12:40-41 D '65.

Orlin, A.S., and B.N. Strunze, eds. [Two-cycle combined piston engines] Dvukhtaktnyye kombinirovannyye porshnevyye dvigateli; sbornik statei. Moskva, Mashinostroenie, 1966, 142 p.

The quality of diesel motors should be continuously increased. V.I. Balakin, L.K. Kollerov. Energomashinostroenie 11 no. 12:1-3 D '65.

Special features of the design of British four-cycle diesel locomotive engines. V.S. Sokolov. Energomashinostroenie 11 no. 12:44-47 D '65.

Study of the stressed state of the connecting rod bearing of the 6D10/30 diesel engine. N.Sh. Faingold. Energomashinostroenie 11 no. 12:18-20 D '65.

Studying the effect of straightening on the fatigue strength of crankshafts. A.P. Antonov, N.M. Mikhlin. Trakt. i sel'khoz. mash. no. 6:44-46 Je '66.

DIESEL ENGINES—COLD WEATHER OPERATION

Reducing the wear of diesel engines caused by starting under cold weather conditions. I.U.V. Mikulin and others. Avi. prom. 32 no. 6:4-6 Je '66.

DIESEL ENGINES—COOLING

Effect of high-temperature cooling on the operation of a vortex chamber diesel. V.V. Tsvetkov. Energomashinostroenie 11 no. 12:35-39 D '65.

DIESEL ENGINES—FUEL SYSTEMS

Causes of the clogging of nozzle openings of a multiperforated fuel injector. I.A. Mikhlin. Trakt. i sel'khoz. mash. no. 6:10-12 Je '66.

Testing of graphite piston rings in the gas pushers of diesel engine fuel pumps. F.I. Iuditskii, P.G. Egorov, V.A. Komarov. Energomashinostroenie 12 no. 6:35-38 Je '66.

DIESEL ENGINES—IGNITION

Starting wear of diesel engines caused by the use of inflammable ignition fluids. I.U.V. Mikulin, M.S. Smirnov, B.A. Englin. Vest. mashinost. 46 no. 5:47-49 My '66.

DIESEL ENGINES—LUBRICATION

Effect of full-flow filtration of oil on the wear of an engine. D.F. Solodov, G.F. Kuchin, G.A. Morozov. Energomashinostroenie 11 no. 12:31-33 D '65.

DIESEL ENGINES—MAINTENANCE AND REPAIR

Studying the wear of valve seat and bevel of the SMD-14 diesel engine. B.S. Eremenko, V.I.U. Vskhtel'. Trakt. i sel'khoz. mash. no. 6:13-15 Je '66.

DIESEL ENGINES—PRICES

Methodology for determining the prices of new diesel engines taking into account their engineering and economic indices. N.V. Nikitina. Energomashinostroenie 11 no. 12:30-31 D '65.

DIESEL ENGINES—RELIABILITY

Use of Weibull's distributions in the calculation of the reliability of diesel engine components. A.Z. Gineburg. Energomashinostroenie 11 no. 12:6-8 D '65.

DIESEL ENGINES—TERMINOLOGY

Clarification of some terms in diesel manufacture. P.S. Morgulis. Energomashinostroenie 11 no. 12:33-35 D '65.

DIESEL ENGINES—TRANSMISSION DEVICES

Improving the balancing of the clutch of the D-50 diesel engine. E.M. Zhiarnov. Prom. Bel. 6 no. 4:58-59 Ap '66.

DIESEL ENGINES—VALVES

Determination of the expenditure factor of the intake and exhaust valves of the D6 high-speed diesel engine. R.V. Kuznetsov. Energomashinostroenie 11 no. 12:35-37 D '65.

Strength of intake and exhaust valves of large high-speed diesels. V.V. Koltarov, L.Z. Abdushelekhvili. Energomashinostroenie 11 no. 12:12-15 D '65.

DIESEL LOCOMOTIVES see subdivision under Lugansk

DIESEL LOCOMOTIVES—COOLING

Electric power consumption by the fan driving systems of diesel locomotive coolers. I.U.I. Milovidov. Vest. TSNI MPS 25 no. 3:36-40 '66.

DIESEL LOCOMOTIVES—DESIGN AND CONSTRUCTION

Eliminate the design shortcomings of diesel locomotives. V.P. Kalinichev, M.M. Eroshin, Zhel. dor. transp. 48 no. 5:58-59 My '66.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Luginin, N.G. [Technology of the repair of diesel locomotives] Tekhnologiya remonta teplovozov. Izd. 2, perer. Moskva, Transport, 1966, 262 p.

DIESEL LOCOMOTIVES—PARTS

Universal contactless power regulator for diesel locomotives. A.M. Kostromin, V.V. Rafilovskii. Vest. TSNI MPS 25 no. 3:40-44 '65.

DIESTERWEG, FRIEDRICH ADOLF WILHELM, 1790-1866

A teacher of German teachers. A. Kerzhentsev. Nar. obr. no. 7:86-87 Ji '66.

DIET IN DISEASE

Nestorova, A.P., and V.A. Otenova. [Therapeutic diet in peptic ulcer] Lechebnoe pitanie pri lyazvennoi bolezni. Izd. 2. Moskva, Meditsina, 1966, 57 p. (Nauchno-populjarnaya meditsinskaya literatura) (DNLM)

DIETETIC FOOD

Path to the dietetic lunchroom is thorny... L. Zheleznova. Sov. profsoyuz 22 no. 12:26-27 Je '66.

DIETHYLENE GLYCOL

Glycol ethers and their derivatives. Part 107: Synthesis of alkoxymethyl ethers of n-propyl monochloro diethylene glycol. Shamskhal Mamedov, R.A. Aminimaid, A.S. Agayev. Zhur. org. khim. 2 no. 4:655-660 Ap '66.

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Almost periodic solutions to a parabolic equation. I.I. Shmulov. Sib. mat. zhur. 7 no. 3:685-698 My-Je '66. Approximate solution of Chaplygin's equation by the method of least squares. F.B. Abulaliev, V.B. Vilenchik. Vop. vych. mat. i tekhn. no. 6:78-85 '65.

DIFFERENTIAL EQUATIONS (Continued)

Approximate solution to operator equations of the first order by the method of averaging of functional corrections. B. G. Mosolov. Vop. vych. mat. i tekhn. no. 7: 20-26 '65.

Asymptotic behavior, at small ϵ , of the solution to the equation $u_t + (\Phi(u))_x = \epsilon u$ corresponding to a rarefaction wave. N. S. Bakhtvalov. Zhur. vych. mat. i mat. fiz. 6 no. 3:521-526 My-Je '66.

Cauchy problem for second-order differential equations in Banach space. S. I. Akcbov. Dokl. AN SSSR 168 no. 4:759-762 Je '66.

Certain limit theorems for the solution of differential equations with a random right hand member. R. Z. Khas'minskiy. Dokl. AN SSSR 168 no. 4:755-758 Je '66.

Chaplygin's vortical equation. F. B. Abutaliev, V. B. Vilenchik. Vop. vych. mat. i tekhn. no. 7:54-59 '65.

Characteristic equation of the theory of radiation transfer. M. V. Maslennikov. Dokl. AN SSSR 168 no. 4: 747-750 Je '66.

Derivation of solutions, with given condition at infinity, to ordinary differential equations. Part 2. R. S. Birger, N. B. Lialikova. Zhur. vych. mat. i mat. fiz. 6 no. 3:446-453 My-Je '66.

Existence and number of solutions to equations with positive operators. I. A. Bakhtin. Sib. mat. zhur. 7 no. 3:512-522 My-Je '66.

General supplementary conditions for a boundary value problem with an inclined derivative. E. B. Dynkin. Dokl. AN SSSR 168 no. 4:737-739 Je '66.

Invariants of linear representations of a group of rotations of a plane and their application in the qualitative theory of differential equations. K. S. Sibirskiy. Dif. urav. 2 no. 6:736-751 Je '66.

Periodic solutions of a certain nonautonomous system of differential equations. M. T. Terekhin. Dif. urav. 2 no. 6:778-782 Je '66.

Problem of the disintegration of an arbitrary discontinuity for a system of quasi-linear equations without convexity conditions. V. A. Turchikov. Zhur. vych. mat. i mat. fiz. 6 no. 3:527-547 My-Je '66.

Remarks on a certain differential equation of odd order. D. D. Ba'nov. Dif. urav. 2 no. 6:853-854 Je '66.

Set of boundary layer equations for unsteady flow of a noncompressible fluid. O. A. Oleinik. Dokl. AN SSSR 168 no. 4:751-754 Je '66.

Solution of differential equations of the type $y'' + (ax + b)y = 0$. U. Anarbaev. Vop. vych. mat. i tekhn. no. 7:27-32 '65.

Some aspects of the behavior of solutions of periodic dissipative systems of the second order. V. A. Pilsa. Dif. urav. 2 no. 6:723-735 Je '66.

Some systems of quasi-linear parabolic equations of the divergent type. I. A. I. Kane'. Zhur. vych. mat. i mat. fiz. 6 no. 3:466-476 My-Je '66.

Stability of C of linear difference schemes with constant real coefficients. S. I. Sedukova. Zhur. vych. mat. i mat. fiz. 6 no. 3:477-486 My-Je '66.

Structure of nodal lines of the eigenfunctions of a 2d order differential equation of elliptic type. V. I. Skorobogat'ko, O. I. Boboyk. Dop. AN URSR no. 6:719-722 '66.

A system of differential equations without mobile critical singular points. A. I. Labinskii. Dif. urav. 2 no. 6:732-762 Je '66.

Variational problem containing a small parameter. V. D. Kopchenov. Dif. urav. 2 no. 6:799-815 Je '66.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Accuracy of schemes of variable directions for the heat conduction problem. S. A. Kriavkina. Zhur. vych. mat. i mat. fiz. 6 no. 3:582-589 My-Je '66.

Equivalent regularization and solvability of normally soluble boundary value problems with zero index for polyharmonic equations and strongly elliptic systems of the second order on a plane. O. I. Panich. Sib. mat. zhur. 7 no. 3:591-619 My-Je '66.

Existence of many solutions to the Dirichlet problem for a multidimensional equation of the Monge - Ampere type. Uch. zap. Ped. Inst. Gerts. 274:38-51 '65.

Expansion of matrix functions by the solutions to a spectral problem. N. A. Aliev. Dif. urav. 2 no. 6: 847-852 Je '66.

A general method for majorizing solutions to the Dirichlet problem. A. D. Aleksandrov. Sib. mat. zhur. 7 no. 3: 486-498 My-Je '66.

Joint working of two gas-bearing layers by a single ring-battery of wells in the case of elastic water pressure. B. B. Lapuk, I. F. Lukanin, A. B. Tovbis. Vop. vych. mat. i tekhn. no. 6:45-62 '65.

Linear periodic boundary value problem for finite difference equations. N. N. Usherev. Dif. urav. 2 no. 6:733-790 Je '66.

Method of differences for the external Dirichlet problem. E. A. Volkov. Zhur. vych. mat. i mat. fiz. 6 no. 3:503-511 My-Je '66.

Neutron waves from an infinite plane source of variable power in a subcritical system. I. N. Drozhzhinov, I. G. Krutikova. Zhur. vych. mat. i mat. fiz. 6 no. 3: 509-504 My-Je '66.

Solution of the third boundary value problem for the two-dimensional heat-conduction equation in an arbitrary region using the locally one-dimensional method. I. V. Fiazinov. Zhur. vych. mat. i mat. fiz. 6 no. 3:487-502 My-Je '66.

Some problems involving diffusion of a passive admixture from a point source in a two-layer atmosphere. S. Karymsakov. Vop. vych. mat. i tekhn. no. 6:14-22 '65.

DIFFERENTIAL EQUATIONS, ELLIPTIC

Difference schemes for elliptic differential equations of the second order. V. V. Badagadze. Zhur. vych. mat. i mat. fiz. 6 no. 3:512-520 My-Je '66.

DIFFERENTIAL EQUATIONS, LINEAR

Monotone stability of motion in the case of a neutral linear approximation. Z. A. Iskander-Zade. Zhur. vych. mat. i mat. fiz. 6 no. 3:454-465 My-Je '66.

Some signs of stability of linear stationary systems with delay. D. H. Koren'evskiy. Dop. AN URSR no. 6:708-710 '66.

Stabilization of linear systems in the case of a definite class of constant perturbations. P. Brumovsky. Dif. urav. 2 no. 6:769-777 Je '66.

Uniqueness of the solution to the problem of corrections for systems of linear differential equations. B. V. Kvedaras. Dif. urav. 2 no. 6:763-768 Je '66.

DIFFERENTIAL EQUATIONS, NONLINEAR

Boundedness of solutions of nonlinear second order differential equations in a Banach space. K. S. Mamit. Dop. AN URSR no. 6:715-719 '66.

A class of nonlinear differential equations of the second order with algebraic mobile singular points. B. P. Bogoslovskiy. Dif. urav. 2 no. 6:791-798 Je '66.

Necessary conditions for the existence of periodiclike solutions to a certain nonlinear differential equation. B. V. Glisin. Zhur. vych. mat. i mat. fiz. 6 no. 3:595-596 My-Je '66.

Quasi-periodic solutions to nonlinear systems of differential equations with the small parameter. K. K. Kapishev. Vest. AN Kazakh. SSR 22 no. 6:42-47 Je '66.

DIFFRACTION

Vainasheln, L. A. [Diffraction theory and the factorization method] Teoriya diffraktsii i metod faktorizatsii. Moskva, Sovetskoe radio, 1966. 430 p.

DIFFRACTION GRATINGS—OPTICAL PROPERTIES

Integral reflective power of a diffraction grating in polarized light. E. A. Iakovlev, P. M. Gerasimov. Zhur. prikl. spekt. 4 no. 5:454-455 My '66.

DIFFUSERS

Atomizing devices for combustion chambers of gas turbine systems. A. A. Shatil', V. I. Miroshnichenko. Energ. i elek. no. 1:42-45 Ja-F '66.

Calculation of losses in total pressure in diffuser channels. A. Sh. Dorfman. Energomashinostroyeniye 12 no. 6:29-31 Je '66.

DIFFUSION

Application of a solution of the diffusion equation to the problem of the spreading of dust and gases from chimneys. S. Karymsakov. Izv. AN Uz. SSR. Ser. tekhn. nauk 10 no. 3:71-72 '65.

Approximate formula for semi-infinite cylindrical diffusion. I. M. Epshtein. Elektrokhimia 2 no. 6:734-736 Je '66.

Diffusion processes in chromium-iron alloys. A. I. A. Shinnayev. Fiz. met. i metalloved. 20 no. 6:875-879 D '65.

Mechanism of the influence of silicon in aluminum on processes of the reactive diffusion of iron in aluminum. D. I. Lahner, A. K. Kurakin. Fiz. met. i metalloved. 19 no. 1:145-146 Ji '64.

Thermal diffusion fractionation of polyisobutylene solutions. M. M. Kuanov and others. Vysokom. soed. 8 no. 6:1040-1044 Je '66.

DIGESTION

Effect of ionizing radiation on the changes in parietal digestion. R. I. Gavrilov, V. I. Domanskii. Radiobiologiya 6 no. 3:394-398 '66.

DIGESTIVE ORGANS—BIRDS

The lymphatics of the stomach of some bird species. V. N. Balashev. Arkh. anat., gist. i embr. 50 no. 3: 56-63 Mr '66.

DIGESTIVE ORGANS—INNERVATION

Adaptation phenomena in receptors of the gastrointestinal tract. N. A. Adamovich. Trudy Inst. fiziol. 11:73-80 '65.

Digestive canal and specialized feeding habits. V. G. Kassil', A. M. Ugolev. Trudy Inst. fiziol. 11:82-204 '65.

Effect of the change in water and salt metabolism on the reception of the digestive tract. I. P. Nidatina. Trudy Inst. fiziol. 11:246-257 '65.

DIGESTIVE ORGANS—INSECTS

Morphology of the abdomen of some beetle pupae (Coleoptera). L. V. Puchkova. Ent. oboz. 45 no. 2:341-353 '66.

DIKES (ENGINEERING) see subdivision under Tyumen' Province

DILATOMETRY

Dilatometric investigation of the decomposition of calcite and the carbonization of the oxide. V. M. Zhikharev, E. S. Vorontsov, K. V. Nenakhova. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:34-40 '66.

Three-dimensional changes in γ -brass with temperature. I. F. Klinchikov, V. D. Melnikov, A. A. Prasolnikov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:42-46 '66.

DIMENSIONAL ANALYSIS

Criterion of the linear independence of equations for chemical reactions. A. V. Iuzanov. Zhur. fiz. khim. 40 no. 5:1136-1140 My '66.

DIMETHYLAMINE

Reaction of atomic hydrogen with dimethyl and trimethylamines. K. T. Oganesian, A. B. Nalbandian. Arm. khim. zhur. 19 no. 2:150-156 '66.

DIODES, SEMICONDUCTOR

Effect of the nonlinearity of the capacitance of a semiconductor diode on some parameters of an amplitude detector. A. M. Malhar. Radiotekhnika 21 no. 5:77-77 My '66.

DIONISII, Bishop of Rotterdam, 1911-

Address of His Holiness Patriarch Alexei on bestowing the prelate cross on Dionisii, Bishop of Rotterdam. Zhur. Mosk. Patr. no. 5:6 '66.

Nomination and consecration of Archimandrite Dionisii (Iakim) as Bishop of Rotterdam. Zhur. Mosk. Patr. no. 5:8-11 '66.

DIPHENYLAMINE—SPECTRA

Absorption spectra of 2,4,6-trinitroaniline and 2,4,6-trinitrodiphenylamine. E. E. Millaruel. Zhur. ob. khim. 36 no. 6:1034-1036 Je '66.

DIPHTHERIA—PREVENTIVE INOCULATION

Problem of age-related revaccination against diphtheria. G. N. Radkhmit. Zhur. mikrobiol., epid. i immun. 43 no. 5:146-149 My '66.

DIPLOMATS, ZAMBIAN

Hosen Gosiain Soko. Nov. vrem. 24 no. 39:13 Ag '66.

DIPOL E MOMENTS

Effect of collective interactions on the shape of optical lines and the energy transfer processes. U. Kh. Kopylov, V. R. Nagbarov. Opt. i spekt. 20 no. 5:809-813 My '66.

Excitation of a spirally-anisotropic plane by a vertical dipole. A. B. Goroshchenko. Radiotekhnika 21 no. 5: 11-16 My '66.

DIPTERA see subdivision under Caspian Sea region

DISABILITY EVALUATION

Latest results of the treatment of patients with peptic ulcer and medical expertise. A. P. Migakov, A. I. Gusev. Voen.-med. zhur. no. 12:34-35 D '65.

Problems of expertise on peptic ulcer in young persons. N. S. Akh'fiev. Voen.-med. zhur. no. 12:29-34 D '65.

DISARMAMENT

New Western sabotage. Commentator. Mezhdunar. zhur. 13 no. 6:91-93 '66.

DISEASES—CAUSES AND THEORIES OF CAUSATION

Fridlhand, I. G. [Significance of unfavorable industrial factors in the origin and course of some diseases] Znacheniye nefavoritnykh faktorov protsvetovennykh faktorov v vozniknovenii i techenii nekotorykh zabolevaniy. [Leningrad] Meditsina, 1966. 235 p. (DNLN)

DISINFECTION AND DISINFECTANTS—EQUIPMENT AND SUPPLIES

Improvement of the LBD-2 disinfecting system. V. Terno-vol. Tekhn. velikoz. 25 no. 3:30-31 Mr '65.

DISLOCATIONS IN METALS

Annihilation of positrons with electrons in plastically strained metals having a body-centered cubic lattice. I. A. Dekhter, V. S. Mikhalevich, S. G. Sakharov. Dokl. AN SSSR 168 no. 4:785-787 Je '66.

Cottrell cloud in metals and alloys with a body-centered cubic structure. V. F. Sakharov. Fiz. met. i metalloved. 19 no. 1:93-96 Ji '64.

Nature of the anomalous behavior of nickel. V. F. Sakharov and others. Fiz. met. i metalloved. 20 no. 6:930-933 D '65.

Plastic deformation of single crystals of nickel. Part I: Effect of crystallographic orientation on the curves of compression and distribution of slip traces in deformed specimens at room temperature. M. V. Krasner-Mokhlova and others. Fiz. met. i metalloved. 19 no. 1:87-105 Ji '64.

Theory of the hardening of Ni-Cr-type solid solutions. L. E. Popov, E. V. Korolov. Fiz. met. i metalloved. 19 no. 1:111-115 Ji '64.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

Polenov, G. S. [Liability for offenses against law enforcement] Otvetsivnost' za prestupleniya protiv poriadka upravleniya. Moskva, Iuridicheskaya literatura, 1966. 135 p.

DISORDERS OF METABOLISM see Metabolism, Disorders of

DISPENSARIES

Glezer, G. A., and L. Kh. Kochkov. [Drugs used in cardiology] Lekarsvennyye sredstva, primenyaemye v kardiologii. Moskva, Meditsina, 1966. 236 p. (DNLN)

DISSOCIATION

- Calculation of the molecular dissociation energies in halides of the scandium subgroup. K.S. Kraenov. *Teplotiz.vys.temper.* 4 no.1:139-141 Ja-F '66.
- Dissociation of ionogenic groups of ion exchangers. O.K. Stefanova, M.M. Shul'its. *Vest. LGU* 21 no.10: 106-110 '66.
- Effect of oscillatory-dissociative relaxation on a supersonic flow past blunt bodies. I.U. P. Lun'kin, F.D. Popov. *Zhur.tekh.fiz.* 36 no.4:661-671 Ap '66.

DISTILLATION

- Mechanism of the distillation of wood pyrogenic tar in tubular furnaces. Report No.1. N.N. Kalinin, A.I. Kiprianov. *Izv.vys.ucheb.zav.; les.zhur.* 9 no.2: 136-141 '66.

DISTILLATION, FRACTIONAL

- Calculation method for azeotropic steam fractionation as exemplified by the system tributyl phosphate - carbon tetrachloride. B.I.A. Zil'berman, V.N. Komarov, M.F. Pushlenkov. *Atom.enarg.* 20 no.5:416-421 My '66.
- Method of calculating the process of binary mixture rectification with a simultaneously occurring chemical reaction of first order. V.V. Zyryanov, V.B. Kogan. *Zhur.prikl.khim.* 39 no.5:1070-1075 My '66.

DISTILLERY BY-PRODUCTS

- Fattening cattle with distillers' grains obtained in the production of alcohol with use of sodium pentachlorophosphate. S.V. Bazhenov and others. *Nauk. pratsi zootekh.fak. UASIN* 15 no.2:82-98 '61.

DISTILLING INDUSTRIES

see subdivision under Ufa

DISTILLING INDUSTRIES—MANAGEMENT

- Pykhov, V.G. [Economics, organization and planning for alcohol production] *Ekonomika, organizatsia i planirovaniye spirtovogo proizvodstva*. Moskva, Pishchevaya promyshlennost', 1966. 255 p.

DIURETICS AND DIURESIS

- Effect of aminazine on diuretics. L.S. Korndil, Lek, i syr.res.lrk.obl. no.4:139-149 '65.
- Effect of histamine and antidiuretic hormone on the diuresis and excretion of hyaluronidase by the kidney. M.S. Iremenko, N.P. Kuschch. *Biol. eksp.biol.i med.* 61 no.6:15-18 My '66.

DIVERS

- State of basal metabolism in submariners and divers. A.S. Solodkov. *Voen.-med.zhur.* no.6:60 My '66.

DIVING, SUBMARINE

- Development of submarine explorations; plenum of the section of the Oceanographic Commission. O.B. Moklevskii. *Vest. AN SSSR* 36 no.6:88-89 Je '66.
- Geologists-squallengers on Medvezhiy Island. A.V. Loskutov. *Priroda* 55 no.6:90-96 '66.

DNEPROPETROVSK PROVINCE—JUSTICE, ADMINISTRATION OF

- Local soviets are the guardians of socialist legality. A. Molyn. *Rad.pravo* 20 no.6:24-26 Je '66.

DNEPR BASIN—LIGNITE

- Performance of the OMKI equipment complexes at the Aleksandriya lignite deposits. N.M. Buevskii, N.G. Glushchenko. *Ugol' Ukr.* no.6:37-39 Je '66.

DNEPR-DONETS LOWLAND—GAS, NATURAL—GEOLOGY

- Efficient system of prospecting for oil and gas pools associated with zones of facies replacements and thinning in the northwestern part of the Dnieper-Donets Lowland. V.P. Litvinov, V.I. Savchenko. *Neft.i gaz.prom.* no.3:3-7 My-Je '66.
- Relationship between deep faults and oil and gas potentials in the Dnieper-Donets Lowland. S.D. Gemp. *Trudy VNIGRI* no.237:113-126 '64.

DNEPR-DONETS LOWLAND—GEOLOGY, STRUCTURAL

- Classification of structures in the Dnieper-Donets Lowland. V.I. Klymenko. *Geol.zhur.* 26 no.3: 52-59 '66.
- Permian structural nonconformity in the Dnieper-Donets Lowland. V.K. Havrysh. *Dop. AN URSR* no.8:801-804 '66.

DNEPR-DONETS LOWLAND—MICROPALaeNTOLOGY, STRATIGRAPHIC

- Microfaunal characteristics of Namur sediments in the northwestern part of the Dnieper-Donets Lowland. M.V. Yulovchenko, M.A. Karpova. *Geol.zhur.* 26 no.3: 71-76 '66.

DNEPR-DONETS LOWLAND—PETROLEUM GEOLOGY

- Efficient system of prospecting for oil and gas pools associated with zones of facies replacements and thinning in the northwestern part of the Dnieper-Donets Lowland. V.P. Litvinov, V.I. Savchenko. *Neft.i gaz.prom.* no.3:3-7 My-Je '66.
- Relationship between deep faults and oil and gas potentials in the Dnieper-Donets Lowland. S.D. Gemp. *Trudy VNIGRI* no.237:113-126 '64.

DNEPR-DONETS LOWLAND—PETROLEUM PRODUCTION

- Certain characteristics of a geological structure influencing the reservoir sweep in the development of oil fields in the Dnieper-Donets Lowland. V.P. Onoprienko, I.N. Sinilavskii, A.M. Zagayko. *Neft.i gaz.prom.* no.3:29-32 My-Je '66.

DNEPR RIVER—BRANCHIOPODA

- Caspian Polyphemidae in Don and Dnieper reservoirs. F.D. Mordukhai-Boltovskoi. *Trudy Inst.biol.vnutr.* vol. no.8:37-43 '65.

DNEPR RIVER—SHIPPING

- Development of river transportation in the Dnieper basin. I. Kotik, I. Uroiskii. *Rech.transp.* 22 no.8:13-14 Ag '64.

DNEPR VALLEY—ALLUVIUM

- Structure of the Miocene alluvium placer of the Dnieper Valley. S.M. Tsimbal, I.I. Bondar. *Geol.zhur.* 26 no.2:94-101 '66.

DNEPR VALLEY—APOPHYLLITE

- Rare-earth accessory apophyllite from the granite pegmatites of rapakivi in the Ukrainian Crystalline Shield. A.L. Litvin, E.F. Gavrilova, V.P. Kuts. *Geokhimiya* no.10:1058-1060 O '64.

DNEPR VALLEY—CROPS AND CLIMATE

- Microclimate of an irrigated field in the southern Dnieper Valley. Z.A. Mishchenko, A.G. Marzhanova, L.G. Semenova. *Trudy GGO* no.190:88-86 '66.

DNEPR VALLEY—GEOCHEMICAL PROSPECTING

- Conditions governing the use of methods of geochemical prospecting in the central part of the Ukrainian Crystalline Shield. B.F. Mitkevich, V.M. Shetkopolias. *Geol.zhur.* 26 no.3:13-19 '66.

DNEPR VALLEY—GEOMORPHOLOGY

- Voktych, M.F. [Paleogeomorphology of the Ukrainian Shield region; Mesozoic and Cenozoic] *Paleogeomorfologiya oblasti Ukrainy "koho shchytat; mezozoi i kainozoi*. Kyiv, Naukova dumka, 1968. 119 p. map. (insert)

DNEPR VALLEY—DEHNITE

- Find of dehnite in the Lower Devonian sediments of the Dnieper Valley. N.M. Lashenko. *Geol.zhur.* 26 no.2:104-107 '66.

DOCTORS

see Physicians

DOCUMENTARY EVIDENCE

see Evidence, Documentary

DOCUMENTARY MOTION PICTURES

see Motion pictures, Documentary

DOLGUSHIN, NIKITA

- Nikita Dolgushin. B.L'vov-Anokhin. *Teatr* 25 no.10: 60-72 O '64.

DOLINA OIL FIELD—OIL WELLS—AIR-GAS LIFT

- Preparing wells for free piston pumping by running tools on wires. A.M. Gnatuk and others. *Neft.i gaz.prom.* no.3:39-41 My-Je '66.

DOLomite

- Photocolorimetric determination of iron and silicon dioxide in dolomite. A.K. Kutarkina, R.G. Syrova. *Trudy UNIKHIM* no.11:10-22 '64.

DOMAIN STRUCTURE

- Characteristics of an A2B (type Pt3Mo) superstructure with a face-centered cubic lattice. M.A. Shtremel'. *Fiz.met.i metalloved.* 20 no.6:829-836 D '65.
- Oscillographic method of observation of the motion of domain boundaries in melts with rectangular hysteresis loop. V.I. Solodikhin, I.U. V. Delous. *Zav.lab.* 32 no.5:571-572 '66.

DOMESTIC RELATIONS

(see also subdivision under Azerbaijan)

- Orlova, N.V. [Marriage and family under private international law] *Brak i sem'ia v mezhdunarodnom chastnom prave*. Moskva, IMO, 1965. 252 p.

DOMINICAN REPUBLIC—ELECTIONS

- Elections under the occupation. L. Kamynin. *Mezhdunar.zhizn'* 13 no.8:117-118 '66.
- A farce, not an election. V. Smirnov. *Mezhdunar.zhizn'* 13 no.7:102-103 '66.

DOMINICAN REPUBLIC—MILITARY ASSISTANCE, AMERICAN

- Withdrawal or a sham withdrawal? Juan Cobo. *Nov.vrem.* 24 no.27:21-22 J1 '66.

DOMINICAN REPUBLIC—POLITICS AND GOVERNMENT

- In defense of the freedom of the Dominican people. A.Tsvirkunov. *Zhur.Mosk.Patr.* no.4:35-36 '66.

DON RIVER—BRANCHIOPODA

- Caspian Polyphemidae in Don and Dnieper reservoirs. F.D. Mordukhai-Boltovskoi. *Trudy Inst.biol.vnutr.* vol. no.8:37-43 '65.

DON RIVER—MOLLUSKS

- Unexploited valuable food resources in the animal husbandry supplied by the Don mollusk industry. V.P. Negrobov, A.N. Astashkina. *Okhr.priir.TSentr.-Chern.pol.* no.5:159-164 '64.

DON VALLEY—CHERNOZEM SOILS

- Composition, properties and fertility of typical (typical effervescent) deep Chernozem soils in the forest steppe zone of the right bank of the Don River. A.V. Zhilenkova. *Okhr.priir.TSentr.-Chern.pol.* no.5:50-54 '64.

DON VALLEY—EROSION

- Effect of relief on the soil erosion of the right bank of the Don River and measures for its control. I.A. Santalov. *Okhr.priir.TSentr.-Chern.pol.* no.5:13-25 '64.

DON VALLEY—FISHES, FOSSIL

- Fishes of the Nizhne-Onilovskoy ancient site; Bronze Age, 1st-3d centuries A.D. L.D. Zhitenova. *Vop. ikht.* 6 no.2:222-236 '66.

DON VALLEY—SOILS

- Main types of floodplain soils of the Don River within Voronezh Province and their brief productivity characteristics. M.I. Gorokhov. *Okhr.priir.TSentr.-Chern.pol.* no.5:68-74 '64.

DON VALLEY—SOILS—COMPOSITION

- Content of mobile plant nutrients and their dynamics in floodplain soils of the Don River under different depth of tillage. B.P. Akhlytsev, V.V. Iarovenko. *Okhr.priir.TSentr.-Chern.pol.* no.5:62-67 '64.

DON-VOLGA CANAL

see Volga-Don Canal

DONELAITIS, KRISTIJONAS, 1714-1780—BIBLIOGRAPHY

see Bibliography—Donelaitis, Kristijonas, 1714-1780

DONETS BASIN—BORING

- Coreless drilling in prospecting for coal deposits in the Donets Basin. I.U. V. Batsik. *Razved.i okh.nedr* 31 no.10:10-13 O '65.

DONETS BASIN—BUILDING MATERIALS

- Effective materials for the preparation of exterior wall panels in the Donets Basin. M.T. Larkonov. *Stroi.mat.* 12 no.2:14-15 F '66.

DONETS BASIN—BUILDING MATERIALS INDUSTRY—ACCOUNTING

- Cost accounting in the plant. B.F. Strela, P.S. Vinarik. *Stroi.mat.* 12 no.2:11-12 F '66.

DONETS BASIN—COAL

- Standards for calculating the reserves of commercial-grade coal deposits in the Ukrainian part of the Donets Basin and in the Lvov-Volyn' Basin. G.V. Sharmanova. *Ugol' Ukr.* no.6:52-54 Je '66.

DONETS BASIN—COAL MINES AND MINING

- Cutting steeply pitching seams by cutter-loaders at the "Iuzhnaia" coal mine. A.S. Shishka, A.F. Shuk, K.S. Troshkin. *Ugol' Ukr.* no.6:30-31 Je '66.

- A good initiative finds hundreds of followers. P. Buzmakov. *Part.zhizn'* no.13:35-36 J1 '66.

- Improving the boring and blasting operations in the Donets Basin coal mines. A.F. Nikolenko, V.E. Aleksandrov, V.V. Sevrnikov. *Ugol' Ukr.* no.6:10-11 Je '66.

- The K-101 cutter-loader at the No. 10/10a coal mine. A.A. Egorov. *Ugol' Ukr.* no.6:33-34 Je '66.

DONETS BASIN—COAL MINES AND MINING—MANAGEMENT

- Possibilities of reducing the labor-consuming aspects of underground transportation in mines of the Donets Basin. V.A. Ponomarenko, S.IU. Kravchinskii, E.V. Makarova. *Ugol' Ukr.* no.6:23-24 Je '66.

- Standards and conditions prevailing in the Central District of the Donets Basin. G.I.A. Stepanovich, G.G. Zavitkii, V.I. Usov. *Ugol' Ukr.* no.6:51-52 Je '66.

DONETS BASIN—ELECTRIC POWER DISTRIBUTION

- Experience in the operation of fuel bellows testers in the Donets Basin Power System. A.E. Foshko and others. *Energ.i elek.* no.1:38-40 Ja-F '66.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC

- Boundary and division of the Serbrianka series in the northwestern margin of the Donets Basin. I.U. M. Bragin, V.H. Komashov. *Geol.zhur.* 26 no.2:101-103 '66.

DONETS BASIN—MINING GEOLOGY

- Weak and unstable rocks of the Donets Basin. V.P. Grudinin. *Shakht.stroi.* no.5:12-14 My '66.

DONETS BASIN—PANELS (BUILDING)

- Effective materials for the preparation of exterior wall panels in the Donets Basin. M.T. Larkonov. *Stroi.mat.* 12 no.2:14-15 F '66.

DONETS BASIN—STOPING (MINING)—LABOR PRODUCTIVITY

- Prospects for the technological improvement of stoping operations in steeply pitching seams of the Donets Basin. I.D. Gelukh, F.S. Kondrashev. *Ugol' Ukr.* no.6:4-5 Je '66.

- DONETS BASIN—TRANSPORTATION, AUTOMOTIVE—MANAGEMENT**
Automotive transportation workers of the Donets Basin promote a perfect organization of work. *Avt.transp.* 44 no.5:6-7 My '66.
- DONETS BASIN—WORLD WAR, 1939-1945**
Let us tell our youth about their fathers' feats in arms. G.Oprishchenko. *Part.zhizni* no.14:74-76 JI '66.
- DONETS VALLEY—NONFERROUS METALS**
Some data on the distribution of heavy metals in the waters of marl-chalk formation in the middle Northern Donets Valley. O.O.Falova'skiy, L.O.Davydiuk, N.S.Chervinko. *Geol.zhur.* 26 no.3:45-52 '66.
- DONETS VALLEY—WATER, UNDERGROUND**
Some data on the distribution of heavy metals in the waters of marl-chalk formation in the middle Northern Donets Valley. O.O.Falova'skiy, L.O.Davydiuk, N.S.Chervinko. *Geol.zhur.* 26 no.3:45-52 '66.
- DONETSK PROVINCE—AGRICULTURE—ECONOMIC ASPECTS**
[Party organizers; from the practice in party work in villages] Partorganizatory; iz opyta partiinoy raboty na selo. [Donetsk] Donetskoe knizhnoe izd-vo, 1963. 46 p. (Reshenia notab'skogo plenuma TsK KPSS - v zhizni) (CSI-H)
- DONETSK PROVINCE—ORNITHOSIS**
Ornithosis in Donetsk Province. G.A.Aishchenko, Zhur.mikrobiol., epid.i immun. 43 no.5:116-120 My '66.
- DONETSK PROVINCE—POLITICS AND GOVERNMENT**
Increased participation of the public in the work of local soviets. D.Hrydasov. *Rad.pravo* 29 no.6:8-12 Je '66.
- DONETSK PROVINCE—TAX ADMINISTRATION**
Is it possible to work on government revenue without arrears? I.Kalenskii. *Fin.SSR* 40 no.5:45-48 My '66.
- DOORS**
Semiautomatic line for staining panel doors. M.D.Sakharov. *Der.prom.* 15 no.5:20-21 My '66.
- DOPPLER EFFECT**
Doppler effect on surface waves. L.G.Naryshkina. *Radiotekh.i elektron.* 11 no.7:1188-1193 JI '66.
- DORONINA, TAT'IANA**
Tat'iana Doronina. R.Ben'ash. *Teatr* 25 no.10:58-68 O '64.
- DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881**
Dostoevskii, F.M. [F.M.Dostoevskii at work on the novel "A raw youth." F.M.Dostoevskii v rabote nad romanom "Podrostok"; tvorcheskie rukopisi. Moskva, Nauka, 1965. 517 p. (Literaturnoe nasledstvo, vol.77) (CLU)]
- DOUBLE REFRACTION** see Refraction, Double
- DOUGH**
Intensity of wheat dough fermentation in its preparation in KHTR units. N.P.Koz'mina, N.N.Tvorogova. *Izv.vys.ucheb.zav.; pishch.tekh.* no.3:86-88 '66.
Unit for dough preparation without fermentation prior to dividing. N.F.Gatlin, A.S.Grishin. *Khleb.i kond.prom.* 10 no.5:8-9 My '66.
- DRAFT HORSE, ITS USE AND BREEDING.** N.M.Shpater. *Trudy Moskv.vet.akad.* 14:100-III '65.
- DRAINAGE**
(see also subdivision under Goldnaya Steppe; Leningrad Province; White Russia)
Depth of laying drainage pipes. I.M.Krivonosov. *Geol.i mel.* 18 no.6:44-51 Je '66.
- DRAMA—HISTORY AND CRITICISM**
Shakh-Azizova, T.K. [Chekov and western European drama of his time] Chekhov i zapadno-evropeiskaya drama ego vremeni. Moskva, Nauka, 1966. 148 p.
- DRAWBRIDGES—DESIGN AND CONSTRUCTION**
Some problems in designing aluminum alloy drawbridges. S.A.Popov. *Trudy MIRT* no.227:91-105 '66.
- DRAWING**
Gorlachev, A.D., and E.E.El'iasberg. [Methods of visual representation; a manual for students] Metody nagladnogo izobrazheniia; posobie dlia studentov. Moskva, Prosveshchenie, 1965. 239 p. illus.
- DRAWING (METALWORK)—DEFECTS**
Experiments in modeling the welding-up of defects during the upsetting and drawing of low-plasticity steel. V.I.Zalozanski, I.I.Kozlov, M.S.TSibanova. *Kuz.-shtam.proizv.* 8 no.6:15-19 Je '66.
- DREDGING MACHINERY**
(see also subdivision under Volga River)
Improve visual signaling on suction dredges. N.Volodchenko. *Rech.transp.* 22 no.8:52 Ag '64.
Our practices in operating the automatic control system of suction dredges. A.Kozhin. *Rech.transp.* 22 no.8:39 Ag '64.
- DREDGING MACHINERY—ELECTRIC EQUIPMENT**
A useful book. I.Demushkin. *Rech.transp.* 22 no.8:63 Ag '64.
- DREDGING MACHINERY—MAINTENANCE AND REPAIR**
Aristov, I.U.K. [Repair of the equipment of dredges] Remont oborudovaniia dnougrubitel'nykh smariadov. Moskva, Transport, 1966. 207 p.
- DREDGING MACHINERY—SAFETY REGULATIONS**
Kuznetsov, M.I. [Safety manual for workers of hydraulic dredges (towed and self-propelled)] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh na gidromekhanicheskikh smariadakh (plavuchikh i na avtokhody). Moskva, Transport, 1965. 45 p.
- DREDGING MACHINERY—VIBRATION**
Studying the vibration of the "Volzhskiy-1" suction dredge. A.Sakharov, N.TSvetkov, V.Khakhaniin. *Rech.transp.* 22 no.8:44-45 Ag '64.
- DRESSINGS (SURGERY)** see Bandages and bandaging
- DRIED MILK** see Milk, Dried
- DRILLING AND BORING**
Boring bushings of the distributing shaft. G.Neznaiko. *Avt.transp.* 44 no.5:35 My '66.
Dynamics of wood boring. V.V.Antonov. *Izv.vys.ucheb.zav.; les.zhur.* 9 no.2:107-111 '66.
- DRILLING AND BORING MACHINERY**
Standardized sets of devices for the control of the electric drives of drilling systems. B.I.Moskheim, B.M.Parfenov. *Elektrotehnika* 37 no.5:27-31 My '66.
Static calculation of the flexible "spindle-boring bar" system of a diamond boring machine. V.I.Popov. *Izv.vys.ucheb.zav.; mashinostr.* no.4:157-161 '66.
- DRILLING MUDS**
(see also subdivision under Kinet'-Cherkassy Lowland; Krasnodar Territory)
Combined field studies of lost-circulation zones in well drilling using clay muds. E.A.Lehedev and others. *Neft.i gaz.prom.* no.3:24-27 My-Je '66.
Effect of Na salts of fatty acids on some parameters of Zykhl drilling muds. L.A.Abramova. *Azerb.khim.zhur.* no.2:139-145 '64.
Efficient method for the elimination of the absorption of drilling fluid by quick-setting mixtures. I.I.Rafienko. *Razved.i okh.nedr.* 31 no.10:21-29 O '65.
Graphic method for calculating pressure losses in the circulating system of a drilling rig. A.L. Butskii, V.P.Matshevskii. *Neft.i gaz.prom.* no.3:20-24 My-Je '66.
Lining of clay muds in deep drilling. F.G.Agnabai'ianta. *Neft.i gaz.prom.* no.3:27-29 My-Je '66.
Mechanism of stabilization of clay systems. A.K.Misakari, A.M.Baramov. *Azerb.khim.zhur.* no.2:127-133 '64.
Microphysical methods of studying clay coatings, microprofiles, and shafts of wells. I.I.Bashlykin. 5:13-17 '66.
- [Stabilization and control of flushing fluids in well drilling] Stabilizatsiia i regulirovanie promyvochnykh zhidkostei pri burenii skvazhin. Moskva, Nedra, 1966. 207 p.
- Using moist weighting materials in order to weight petroleum-based muds. K.L.Minkhairov. *Burenie* no.5:11-12 '66.
- DRILLING MUDS—DENSITY**
Analytical dependence of drilling rate on the specific gravity of drilling muds. P.A.Lykhin and others. *Burenie* no.5:12-13 '66.
- DRILLING MUDS—THERMAL PROPERTIES**
Thermal properties of clay muds. R.S.Lerner, E.G.Kister. *Neft.khoz.* 44 no.5:28-31 My '66.
- DROPOUTS** see subdivision under United States
- DROUGHTS**
A Lenin document on drought control. A.N.Askochen'skii. *Gidromet.* 18 no.6:1-5 Je '66.
- DROZDOVA, TAT'IANA VASIL'EVNA**
Awarding the V.I.Vernadskii Prize. *Vest.AN SSSR* 36 no.8:109 Je '66.
- DRUG ADDICTIONS** see Narcotic habit
- DRUGS—ADULTERATION AND ANALYSIS**
Bushkova, M.N., G.A.Vneman, and L.I.Rapaport. [Manual for drug analysis under drugstore conditions] Rukovodstvo po analizu lekarstv v usloviakh apteki. Kiev, Zdorov'ia, 1965. 286 p. (DNLM)
- DRUGS—EFFECT ON MICRO-ORGANISMS** see Micro-organisms, Effect of drugs on
- DRUGS—EFFECT ON VIRUSES** see Viruses, Effect of drugs on
- DRUGS—SIDE EFFECTS**
Mechanism of the teratogenic effect of pharmacological substances and protection of the health in the prenatal period of life. A.P.Dyban. *Vest.AN SSSR* 21 no.6:34-43 '66.
- DRUGSTORES**
Bushkova, M.N., G.A.Vneman, and L.I.Rapaport. [Manual for drug analysis under drugstore conditions] Rukovodstvo po analizu lekarstv v usloviakh apteki. Kiev, Zdorov'ia, 1965. 286 p. (DNLM)
- DRUNKENNESS (CRIMINAL LAW)** see subdivision under Ukraine
- DRUZHININ, NIKOLAI MIKHAILOVICH, 1800-**
Academician N.M.Druzhinin. P.G.Ryndakanskii. *Vop.ist.* 41 no.7:164-173 JI '66.
N.M.Druzhinin's creative life on his 80th birthday. I.D.Kovalchenko. *Vest.Mosk.un.Ser.O; lit.* 21 no.3:81-89 My-Je '66.
- DRY ICE**
Grodnik, M.G., and A.L.Velichanskii. [Design and operation of carbonic acid plants] Proektirovanie i ekspluatatsiia uglerodnykh ustanovok. Moskva, Pishchevaia promyshlennost', 1966. 272 p.
- DRYING APPARATUS—DESIGN AND CONSTRUCTION**
Improving the charging of a drier drum. N.F.Atanashuk, I.V.Torlanik, V.S.Pollubchuk. *Stek.i ker.* 23 no.6:35 Je '66.
Selecting the dimensions of the drying chamber for a tower-type spray drier. V.L.Ildikevich. *Stek.i ker.* 23 no.6:20-23 Je '66.
- DUBNA—NUCLEAR RESEARCH**
The United Institute for Nuclear Research in Dubna is 10 years old. Interview with Academician N.N.Bogolubov. *Prirada* 55 no.6:19 '66.
- DUBOSSARY RESERVOIR—FISHES**
Behavior and abundance of fishes during spawning period below the dam of the Dubossary Hydroelectric Power Station. M.Z.Vladimirov, A.K.Batyr. *Vop.kht.* 6 no.2:314-318 '66.
- DUCKS—FEEDING AND FEEDS**
Effectiveness of the increased amount of common salt in rations for ducks. J.P.Fedil, Nauk.pratib.zootekhn.fak. UASIN 15 no.2:77-81 '61.
Feed distributor for ducks. V.Zaslukha, D.Turlian. *Tekhn.v sel'khoz.* 26 no.5:57-60 My '66.
- DUCKS—PARASITES** see Parasites—Ducks
- DUE PROCESS OF LAW**
Revision of laws on administrative liability and the application of provisions protecting the rights of persons involved. G.I.Nikitukhov and others. *Uch.zap. VNIISZ* no.5:84-90 '65.
- DUMP TRUCKS**
Operating the ZIL-MMZ-555 dump trucks. I.Chernik. *Avt.transp.* 44 no.6:16-17 Je '66.
- DUMP TRUCKS—SAFETY MEASURES**
Vavilov, M.A. [Booklet for the driver of a dump truck] Pamiatka shoferu avtomobil'a-samovola. Izd.3., ispr. Moskva, Transport, 1964. 57 p. (Tekhnika bezopasnosti na avtotransporte)
- DUODENUM**
Relationship between pH of the duodenum content and the secretory activity of the pancreas. V.H.Tretakova, E.K.Pantukova. *Trudy Inst.fiziol.* 11:316-320 '65.
- DUODENUM—ABNORMALITIES AND DEFORMITIES**
Clinical and X-ray observations in duodenum mobile. I.M.Erlikhman, V.G.Zagashvili. *Azerb.med.zhur.* 43 no.4:92-94 Ap '66.
- DUODENUM—RADIOGRAPHY**
Clinical and X-ray observations in duodenum mobile. I.M.Erlikhman, V.G.Zagashvili. *Azerb.med.zhur.* 43 no.4:92-94 Ap '66.
- DUODENUM—ULCERS**
Resection of the stomach by Billroth's first method in perforating ulcers of the duodenum. L.M.Nikol'skii. *Trudy Inst.eksp.i klin.khtr.i gemat.AN Gruz.SSR* 8:187-193 '59.
- DUST COLLECTORS**
Operation of oil dust collectors of compressor and gas distribution stations of gas pipelines. O.G.II'skii, A.D.Sedukh. *Gaz.prom.* 11 no.6:20-27 '66.
- DYES AND DYEING**
Apparatus for determining the spraying capacity of powdered dyes. L.M.Golomb, L.S.Mal. *Zav.lab.* 32 no.5:638-639 '66.

DYES AND DYEING (Continued)

Color value and spectra of p-O₂N-benzenesulfonilides.
E. V. Chochyayeva, V. A. Izmail'skii, Zhur. VKHO 11
no. 3:345-346 '66.

DYNAMICS OF A PARTICLE

Probability of the collision of suspended particles,
allowing for the change in their number. G. I. Trushin,
N. N. Lipatov, Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:
145-147 '66.

DYNAMOMETER

Measuring and calculating friction forces during plastic
metal flow between flat dies. G. I. Masalovich, Trudy
MEI no. 61 pt. 1:91-101 '63.

Portable apparatus for dynamometering deep pumping
wells. N. I. Aleev, I. S. Kengerlinskii, A. K. Fataliev,
Nef. khoz. 44 no. 5:66-70 My '66.

DYNAMOMETRY

Design and investigation of the rod-type magnetoelastic
transducer for frequency systems of telecommunication.
F. I. Mamedov, Za tekhn. prog. 4 no. 11:3-5 N '64.

Dynamometering in grinding gear teeth. V. I. Shoryshev,
I. A. Kazimirovich, Vest. mashinostr. 48 no. 5:75-77
My '66.

Dynamometry of the hand of children at the age of 3-7
years. L. S. Guseva, Arkh. anat., anat. i embriol. 50
no. 3:80-84 My '66.

DYNAMOS see Electric generators

DYSENTERY

Some characteristics of the binding of antibiotics of the
tetracycline group by organ homogenates of kittens with
experimental dysentery. K. V. Klimov, Antibiotiki II
no. 5:464-467 My '66.

DYSPROSIUM—MAGNETIC PROPERTIES

Contribution of magnetic strain to the energy of uni-
axial magnetic anisotropy of dysprosium. R. Z. Levitin,
B. K. Ponomarev, Izv. AN SSSR. Ser. fiz. 30
no. 6:981-983 Je '66.

DYSTONIA—PREVENTION

Dystonia of pulmonary vessels in radiation sickness and
its prevention with radiation-protective agents. I. S.
Anisimov, Med. rad. 11 no. 6:44-49 Je '66.

DZERZHINSK (GOR'KIY PROVINCE)—CHEMICAL PLANTS

Chernorechenskii khimicheski zavod, Dzerzhinsk.
[Chernorech'ye Chemical Plant is 60 years old] Pochta
Chernorechenskii khimicheski... (60 let). [Gor'kiy]
Volgo-Vlatskoe knizhnoe izd-vo, 1965. 309 p.

DZHALIL, MUSA, 1908-1944

Mustafin, Rafnol'. [Poetry of courage; for the 60th
anniversary of the birth of Musa Dzhaliil] Pochta
muzhstva; k 60-letii so dnia rozhdeniia Musy
Dzhaliila. Moskva, Znaniye, 1966. 31 p. (Novoe v
zhizni, nauka, tekhnika. VI Seriya: Literatura i
iskusstvo, no. 3)

DZHEKAZGAN (KAZAKHSTAN)—LABOR AND LABORING CLASSES—DWELLINGS

It is a dormitory for young people. A. Gorbunova,
Sov. profsoyuzy 22 no. 11:30-31 Je '66.

DZHEKAZGAN (KAZAKHSTAN)—YOUTH

It is a dormitory for young people. A. Gorbunova,
Sov. profsoyuzy 22 no. 11:30-31 Je '66.

DZHEKAZGAN REGION (KAZAKHSTAN)—COPPER MINES AND MINING—SAFETY MEASURES

Certain problems of the seismic effect of blasting at the
Dzhekazgan mine. A. A. Petrov, Dob. i obog. rud.
Izv. met. no. 3:24-26 '64.

EAR—DISEASES

Effectiveness of the use of cortisone and hydrocortisone
in the treatment of suppurative ear diseases. G. A.
Arustamov, Voen.-med. zhur. no. 6:42-45 Je '66.

Potapov, I. I., and I. U. M. Ovchinnikov. [Handbook for mas-
tering the methodology and technique of surgery on the
stapes for otosclerosis and adhesive middle otitis] Prak-
tikum po ovladeniiu metodikoi i tekhnikoi operatsii na
stremochke po povodu otoskleroza i adgezivnogo sredne-
go otita. Pod red. I. I. Potapova. Moskva, TSentr. in-t
usovershenstvovaniia vrachei, 1965. 39 p.
(DNLM)

EAR—SURGERY

Potapov, I. I., and I. U. M. Ovchinnikov. [Handbook for mas-
tering the methodology and technique of surgery on the
stapes for otosclerosis and adhesive middle otitis] Prak-
tikum po ovladeniiu metodikoi i tekhnikoi operatsii na
stremochke po povodu otoskleroza i adgezivnogo sredne-
go otita. Pod red. I. I. Potapova. Moskva, TSentr. in-t
usovershenstvovaniia vrachei, 1965. 39 p.
(DNLM)

EARLY PRINTED BOOKS—BIBLIOGRAPHY see Bib- liography—Early printed books

EARTH—FIGURE

New method for computing the elements of the external
gravitational field and the figure of the topographic
surface of the earth. I. F. Monin, Astron. zhur. 43
no. 3:670-677 My '66.

EARTH SCIENCES

Odesa. Universitet. [Anniversary session dedicated to
the centenary of the I. I. Mechnikov Odesa State Uni-
versity; physics and mathematical sciences, astronomy,
geography and geology (theses of the reports, May 26-
27, 1965)] Iuvileina naukova sesia, prysvlachena
100-richchuu Odes'koho derzhavnogo universitetu im.
I. I. Mechnikova; fiziko-matematichni nauky, astron-
omiia, geografii ta geologii (tezy dopovidel', 26-27
travnia 1965 r.). Odesa, 1965. 80 p.

EARTH TEMPERATURE see subdivision under Caspian
Lowland; Caucasus, Northern

EARTHQUAKES see subdivision under Alaska

EARTHQUAKES AND BUILDING

Construction of a gravity sea wall of large concrete
blocks in a seismic area. I. U. A. Volkov, R. S.
Nikiforov, Transp. stroit. 16 no. 6:24-25 Je '66.

Russia (1923— U.S.S.R.) Gosudarstvennyi komitet po
grazhdanskomu stroitel'stvu i arkhitekture. [Instructions
on designing structural elements for large-panel residen-
tial buildings in seismic regions] Ukazaniia po proektiro-
vaniu konstruktivnykh elementov zhilykh domov stroi-
tel'skikh v seismicheskikh raionakh (SN 328-65). Mo-
skva, Stroizdat, 1966. 20 p.

Using the method of dynamic simulation in modeling
gravitational forces. Zh. V. Zakharov, Izv. AN Arm.
SSR. Ser. tekhn. nauk 19 no. 2:50-55 '66.

EARTHWORK

[Overall mechanization of earthwork] Kompleksnaia me-
khanizatsiia zemliannykh rabot. [By] A. I. Astakhov i dr.
Moskva, Stroizdat, 1965. 287 p.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—AGRICULTURAL ADMINISTRATION

Special agents of the district party committee are still
here. N. Beltaev, Part. zhizn' no. 15:33 Ag '66.

EAST KAZAKHSTAN PROVINCE—SUNFLOWER SEED

Effect of herbicides on the weediness of sunflower fields
and its yield. G. M. Tshukerman, V. G. Sheremet,
Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:80-85 My '66.

EASTER

Celebration of the Easter Day. A. Slozhenkin.
Zhur. Mosk. Patr. no. 4:52-56 '66.

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EBEKO VOLCANO

Activation of the Ebeke Volcano in 1963-1964 and the evo-
lution of its hydrothermal activity in the preceding peri-
od. S. S. Sidorov, Biol. volk. sta. no. 46:61-68 '66.

EBULLITION

Generalization on experimental data on heat emission
during the bubbling of underheated liquids in pipes.
I. U. E. Pokhvalov, I. V. Kronin, I. V. Karginova,
Teplotengetika 13 no. 5:63-68 My '66.

Measurement of the rate of growth of steam bubbles
in the boiling of various liquids. V. S. Golovin, B. A.
Kolchugin, E. A. Zakharova, Teplofiz. vys. temp. 4
no. 1:147-148 Ja-F '66.

ECHINOMYCIN

Inhibition of ribonucleic acid synthesis under the influence
of the antibiotic 6270 of the echinomycin group in bac-
terial and animal cells. G. G. Gauze and others. Anti-
biotiki II no. 5:423-426 My '66.

ECHO VIRUSES

Edema of the papilla of the optic nerve caused by ECHO
and Coxsackie virus diseases. M. G. Gogunov. Zhur.
eksp. i klin. med. 6 no. 2:108-111 '66.

ECLIPSES, SOLAR

Shishakov, V. A. [Solar eclipse] Solnechnoe zatmenie.
Moskva, Znaniye, 1966. 84 p. (Narodnyi universitet:
Estestvenno-nauchnyi fakul'tet, no. 2)

ECOLOGY

Population genetics, ecology, and evolution. S. S.
Siverts, Priroda 55 no. 7:12-13 '66.

ECONOMIC ASSISTANCE, AMERICAN see subdivision
under Underdeveloped Areas

ECONOMIC ASSISTANCE, DOMESTIC see subdivision
under Uzbekistan

ECONOMIC ASSISTANCE, RUSSIAN see subdivision
under Egypt; India; Korea, North

ECONOMIC DEVELOPMENT

Bourgeois political economy and the developing countries.
P. Zarrin, Vop. ekon. no. 6:111-121 Je '66.

The myth about "bourgeois" and "proletarian" nations.
E. Arab-Ogly, Mir. ekon. i mezhdunar. otn. no. 6:45-55
'66.

ECONOMIC HISTORY

Economic situation of the capitalist countries. I. Kuz'-
minov, Mezhdunar. zhizn' 13 no. 7:35-45 '66.

Moscow. Universitet druzhby narodov. Kafedra istori-
ko-ekonomicheskogo tsikla. [Historical and economic
survey] Istoriko-ekonomicheskii obzor. Moskva.
Pl. 1. [The precapitalist formations] Dokapitali-
sticheskie formatsii. 1963. 199 p.

Rymalov, V. V. [Collapse of the colonial system and
the world capitalist economy] Raspad kolonial'noi
sistemy i mirovye kapitalisticheskoe khoziasitvo.
Moskva, Mysl', 1966. 478 p.

ECONOMIC RESEARCH

In the Research Institute of Economics attached to the
State Planning Commission of the U.S.S.R. Plan.
khaz. 43 no. 7:84-85 Ji '66.

The methods of studying the economic functions of the
socialist state. A. I. Denisov, Vest. Mosk. un. Ser. 12:
Pravo 21 no. 1:3-15 Ja-F '66.

The 23d Congress of the CPSU and the tasks of economic
science. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:
3-5 '66.

ECONOMICS

Discussion of the prospectus of the "Fundamentals of the
political economy of socialism." A. Eremin, Vop.
ekon. no. 6:153-155 Je '66.

Dushanbe. Gosudarstvennyi pedagogicheskii institut.
Kafedra istorii KPSS i politiki. [Studies of
the Departments of History of the CPSU and Political
Economy] Uchenye zapiski. Dushanbe, Irfon, 1964.
178 p.
(CS-H)

Economic theory and practice in the U.S.S.R. A. Pash-
kov, Kommunist 43 no. 9:68-82 Je '66.

Excerpts from the rough draft of Karl Marx's work "Zur
Kritik der Politischen Oekonomie," Vop. filios. 20
no. 6:143-156 '66.

Leonov, L. A. [The economic reform and some problems
of economic theory] Khoziasitvennaia reforma i nekot-
orye voprosy ekonomicheskoi teorii. [Moskva, Ekonomika,
1966] 23 p. (Ekonomisty o novoi khoziasitvennoi
reforme v SSSR, no. 2)

Malyshev, I. S. [Economic laws of socialism and planning]
Ekonomicheskie zakony sotsializma i planirovanie. [Mo-
skva, Ekonomika, 1966] 33 p. (Ekonomisty o novoi kho-
ziasitvennoi reforme v SSSR, no. 3)

Measuring the amount of society's work. M. Kolganov.
Kommunist 43 no. 9:96-105 Je '66.

Price and the relationship of the value of capital assets
to the value of production. A. Stepankov, Plan. khoz.
43 no. 6:40-47 Je '66.

Sverdlovsk. Ural'skii gosudarstvennyi universitet.
[Compendium on the history of economic theories; a
textbook aid for students of the evening university of
Marxism-Leninism] Sbornik statei po istorii ekonomich-
eskikh uchenii; uchebnoe posobie v pomoshch' stu-
dentam vechernego universiteta marksizma-
leninizma. Sverdlovsk, 1964. 191 p.
(CS-II)

ECONOMICS—BIBLIOGRAPHY see Bibliography—
Economics

ECONOMICS—CONGRESSES

The new phenomena in the world economy and present-
day bourgeois economics. A. Burachas, Nauch. dokl.
vys. shkoly; ekon. nauki 9 no. 3:94-100 '66.

ECONOMICS—PERIODICALS

Readers' conference. N. Gvozdeva, N. Lisina, Nauch.
dokl. vys. shkoly; ekon. nauki 9 no. 3:135-137 '66.

ECONOMICS—STUDY AND TEACHING see subdivision
under Kuybyshev Province; Leningrad; Volgograd
Province

ECONOMICS, MATHEMATICAL

Economic nature of the comparative efficiency indices
of the variants of economic decisions. A. Zaleskii.
Vop. ekon. no. 6:37-48 Je '66.

Istomih, L. I., and D. T. Novikov. [Mathematical methods
in the practice of managing the supply and sale of ma-
terials and equipment] Matematicheskie metody v prak-
tiku upravleniia material'no-tekhnicheskimi snabzheniem
i sbitom. Moskva, Ekonomika, 1966. 126 p.

[Mathematical methods in the economics of metallurgy]
Ekonomiko-matematicheskie metody v metallurgii.
Donetsk, Donbass, 1966. 88 p.

Scientific information. Kibernetika no. 1:101-103 Ja-F
'66.

Significance of mathematical strictness in outlining the
theory of the economic valuation of land. B. L. Gure-
vich, I. M. Landa, Ekon. geog. no. 2:124-128 '64.

Use of mathematical economics methods and electronic
computers in industrial management. K. Gorfan,
A. Modin, Vop. ekon. no. 6:155-157 Je '66.

ECONOMICS, MATHEMATICAL—CONGRESSES

Fruitful debates. V.B. Vop. ekon. no. 6:158-160 Je '66.

ECUADOR

Republic of Ecuador; at the map of the world. V. Arturkhin. Mezhdunar. zhizn' 13 no. 7:138-140 '66.

ECUADOR—COMMUNIST PARTY

Against military dictatorship and imperialism. Antonio Ramirez. Part. zhizn' no. 15:68-73 Ag '66.

ECUMENICAL MOVEMENT

At the world conference "Church and Society" in Geneva. I. Chernlenko. Zhur. Mosk. Patr. no. 5:48-54 '66.

Church and society in the modern world. A. Kazem-Bek. Zhur. Mosk. Patr. no. 5:55-59 '66.

Ecumenical theology about the Orthodox ecclesiology. N. Zabolotskii. Zhur. Mosk. Patr. no. 4:41-43 '66.

Orthodox Church and the Christian brotherhood. L. Vorenov. Zhur. Mosk. Patr. no. 4:46-49 '66.

EDDY ELECTRIC CURRENTS see Electric currents, Eddy

EDEMA

Edema in swine. V.V. Vasilunin. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:34-35 '65.

EDIBLE GREENS see Greens, Edible

EDITING

Cooperation between the editors and authors of publishing houses. R.G. Abdullin. Kniga; issl. i mat. 11:104-116 '65.

Editing and verifying the texts of the collected works of Soviet writers. N.P. Lavrov. Kniga; issl. i mat. 11:77-103 '65.

EDUCATION

(see also subdivision under Bashkiriya; Bulgaria; Germany, East; Kirov Province; Ukraine; Vladimir Province)

Excerpts from the resolution of the 15th Congress of the V.I. Lenin All-Union Communist Youth League based on the report of Comrade S.P. Pavlov. Nar. obr. no. 7:14-15 Ji '66.

The largest educational library. N. Serebrov. Nar. obr. no. 6:23-25 Je '66.

Odesa, Universitet. [Anniversary session dedicated to the centenary of the I.I. Mechnikov Odesa State University; philological sciences, education, and psychology (theses of the reports, May 18-19, 1965)] IVUletna naukova sesia, prysviachena 100-riechciu Odes'koho derzhavnogo universitetu im. I.I. Mechnikova; filologichni nauki, pedagogika ta psikhologiya (tezy dopovidel, 18-19 travnia 1965 r.). Odesa, 1965. 81 p.

Praiseworthy initiative and useful action. Nar. obr. no. 5:21-22 Je '65.

Preparing for the celebration of the 50th anniversary of Soviet rule. Vest. vys. shkoly 24 no. 5:88-93 My '66.

'Report of the Central Committee of the V.I. Lenin All-Union Communist Youth League and the tasks of the Komsomol arising from the decisions of the 23d Congress of the CPSU'; excerpts from the report of Comrade S.P. Pavlov, the First Secretary of the Central Committee of the V.I. Lenin All-Union Communist Youth League. Nar. obr. no. 7:8-10 Ji '66.

We should educate ardent and skillful fighters for communism. M.A. Prokof'ev. Nar. obr. no. 7:11-13 Ji '66.

With our people. R. Orlova. Nar. obr. no. 6:80-83 Je '66.

EDUCATION—AIMS AND OBJECTIVES

Educational analysis is a scientific foundation of school management. A. Levshin. Nar. obr. no. 6:13-17 Je '66.

Ivan Franko's educational ideas. V. Smal'. Nar. obr. no. 6:92-93 Je '66.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—EXHIBITIONS AND MUSEUMS

(see also subdivision under Lithuania)

Circle, anchor, star. M. Sokolov. Voen. znan. 42 no. 6:41 Je '66.

An instructive exhibition. N. Romanov. Nar. obr. no. 6:126 Je '66.

EDUCATION—EXPERIMENTAL METHODS

The structure of problem-raising lessons. E. Fleming. Nar. obr. no. 6:101-103 Je '66.

EDUCATION—FINANCE

(see also subdivision under Ukraine)

An interuniversity conference on the economy of public education. E. Barchugova. Nar. obr. no. 6:123-125 Je '66.

EDUCATION—PHILOSOPHY

Great authors of Marxism-Leninism on relations between schools and life and the combination of education with productive work. M.M. Kubrushko. Nauk. pratsi a ist. KPRS no. 2:3-12 '65.

EDUCATION, COOPERATIVE

Improving the work of school farming brigades in the Buryat A.S.S.R. N.G. Krasnopevtsev. Uch. zap. Bur. gos. ped. inst. no. 24:113-143 '61.

EDUCATION, HIGHER

(see also subdivision under Germany, East)

Apropos of "candidates for education in universities and colleges." A.A. Nikitin, M.I. Bushmakov. Vest. vys. shkoly 24 no. 6:53-54 Je '66.

The combination of disciplines. A.M. Solfer, M.S. Kvetsin. Vest. vys. shkoly 24 no. 5:75-77 My '66.

Editors of the journal reply to the readers. Sov. prof. soluzy 22 no. 11:46-48 Je '66.

The pedagogy of higher education and its new methods. M.V. Pototskii. Vest. vys. shkoly 24 no. 6:32-36 Je '66.

We should clearly outline the prospects for the development of the institutions of higher education. Vest. vys. shkoly 24 no. 6:3-6 Je '66.

EDUCATION, HIGHER—PERIODICALS

A conference of our readers in Georgia. Vest. vys. shkoly 24 no. 5:26 My '66.

EDUCATION, RURAL see subdivision under Ukraine

EDUCATION OF CHILDREN

Children have no idle time. I. Kulikov. Zhil. i kom. khoz. 16 no. 7:33 Ji '65.

Matkovskiy, A.L. [The pedagogical fact in family education] Pedagogicheskiy fakt v semeinom vospitanii. Moskva, Prosveshchenie, 1964. 44 p. (Knigi dlia roditelei) (NIC)

EDUCATIONAL ASSOCIATIONS see subdivision under Odessa

EDUCATIONAL GAMES

Let's assign a proper place to educational games. E. Gel'fan. Nar. obr. no. 7:38-40 Ji '66.

EDUCATIONAL PSYCHOLOGY

Conversation with a young school principal. V. Sukhomlinskii. Nar. obr. no. 7:28-38 Ji '66.

The root of all evil. E. Livov. Nar. obr. no. 7:76-78 Ji '66.

Starting their working careers. I. Petrov. Nar. obr. no. 7:24-27 Ji '66.

State of reactions in adolescents with maxillofacial anomalies and the education of these adolescents. K. Rusev. Zhur. nevro. i psikh. 66 no. 7:100-1081 '66.

You should study your pupils. A. Petrovskii. Nar. obr. no. 6 Inserta-16 Je '66.

EDUCATIONAL SOCIOLOGY

A period of expectations, plans, and decisions. I. Petrov, F. Filippov. Nar. obr. no. 6:22-24 Je '66.

EFFICIENCY, INDUSTRIAL

(see also subdivision under Moscow)

[Academic generalization of progressive practice] Nauchnoe obshchechestvennoe peredovogo opyta. Moskva, Ekonomika, 1966. 108 p. (Ekonimicheskii eksperiment, peredovoi opyt)

At the sources of the socialist organization of work and production. V.G. Podmarkov. Vop. filoz. 20 no. 6:33-45 '66.

[Creativity plus business accounting] Tvorchestvo plus khoziasistvskii raschet. [Kubyshev] Kubyshevskoe knizhnoe izd-vo, 1965. 85 p. (CSH)

Efficiency of productive work. A. Tolkahev. Plan. khoz. 43 no. 6:1-9 Je '66.

Fight for the efficiency of production. I. Vladychenko. Sov. prof. soluzy 22 no. 11:1-3 Je '66.

How we help to develop the mass movement of inventors and efficiency experts. S.A. Napol'skii, V.I. Kobel'kova. Bibliot. SSSR no. 30:35-45 '65.

National economic efficiency and socialist profitability. V. Medvedev. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:6-15 '66.

Plotnikov, K.N. [Efficiency of social production] Effektivnost' obshchestvennogo proizvodstva. Moskva, Znaniye, 1966. 79 p. (Novoe v zhizni, nauke, tekhnike, III Seriya; Ekonomika, nos. 9/10)

Scientific organization of labor is introduced in the area. M.F. Grishchenko. Prom. Bel. 9 no. 4:11-12 Ap '66.

EFFICIENCY, INDUSTRIAL—BIBLIOGRAPHY see Bibliography—Efficiency, Industrial

EGGS—INCUBATION

Effect of ultraviolet irradiation of incubation eggs on the hatching, viability, and growth of baby chicks. L.S. Motorkina. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:80-84 '65.

EGGS—PRODUCTION

Effect of phosphatides on the growth, development, and the beginning and intensity of egg production in young hens. E.A. Gersheva. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:64-70 '65.

EGYPT—AGRICULTURE

Agrarian reforms and the development of agricultural production in the United Arab Republic. I.I. Ivanova. Nar. Az i Afr. no. 3:9-20 '66.

EGYPT—ECONOMIC ASSISTANCE, RUSSIAN

With friends on the banks of the Nile. V. Masvskii. Mezhdunar. zhizn' 13 no. 7:29-34 '66.

EGYPT—INTERVENTION, 1950

Suez and the independence of the United Arab Republic. E. Lebedev. Az, i Afr. seg. 10 no. 7:32-33 Ji '66.

EGYPT—TECHNICAL ASSISTANCE, RUSSIAN

Time-tested friendship. A. Stupak. Az, i Afr. seg. 10 no. 7:6-7 Ji '66.

EIGENFUNCTIONS

Structure of nodal lines of the eigenfunctions of a 2d order differential equation of elliptic type. V.I.A. Skora-bogut'ko, O.I. Bobyk. Dop. AN URSR no. 6:710-722 '66. Summability of Fourier series in eigenfunctions by averages of Riesz, Cesaro, Poisson—Abel. V.A. Babin. Dif. urav. 2 no. 6:816-827 Je '66.

EIGENVALUES

Refining of eigenvalues and eigenvectors in the case of multiple roots of a characteristic equation. I.I. V. Baboyevskiy, L.D. Ntkolenko. Dop. AN URSR no. 6:699-702 '66.

ELASTIC PLATES AND SHELLS

Chuvikovskii, V.S., O.M. Paili, and V.E. Spiro.

[Sheets of ship structures; new methods of solving linear and nonlinear problems] Obolochki sudovyykh konstruktsii; novye metody resheniya lineynykh i nelineynykh zadach. Leningrad, Sudostroenie, 1966. 183 p.

Konferentsiya po teorii plastin i obolochek, Kazan', 1960. [Transactions of the Conference on the Theory of Plates and Shells] Trudy. Kazan', Kazanskii gos. univ., 1961. 426 p. (RPP)

Pogorelov, A.V. [Geometrical theory of the stability of shells] Geometricheskaya teoriya ustoychivosti obolochek. Moskva, Nauka, 1966. 206 p. (Sovremennyye problemy matematiki) Propagation of arc-shaped cracks during stretching of a plate. V.V. Panchuk, L.T. Bereshtinskii. Dop. AN URSR no. 6:753-759 '66.

ELASTIC PLATES AND SHELLS—BOUNDARY VALUE PROBLEMS

Plates reinforced with elastic inps. V.I. Tul'chil. Dop. AN URSR no. 6:756-761 '66.

ELASTIC RODS AND WIRES

Numerical analysis of the theories concerning the torsion of a rod. B. Kurmanbaev. Vop. vych. mat. i tekhn. no. 6:23-44 '65.

Propagation of waves in an elastic rod in the presence of dry friction and flexible connection. A.T. Akhmedov. Izv. AN Uz. SSR. Ser. tekhn. nauk 10 no. 3:22-28 '66.

Stability of elastic rods under thermal stresses. A.N. Bozhinskii, A.S. Vol'mir, A.T. Ponomarev. Izv. vuz. ucheb. zav.; mashinost. no. 4:34-38 '66.

Study of general and local stability of compressed rods of angular profile made of D16-T and Al35-T1 alloys. S.A. Popov. Trudy MFT no. 227:107-124 '66.

ELASTIC SOLIDS—DYNAMICS

Rapport, I.M. [Dynamics of an elastic body partly filled with a liquid] Dinamika uprugogo tela, chastichno zapolnennogo zhidkost'yu. Moskva, Mashinostroenie, 1966. 282 p.

ELASTIC SOLIDS—VIBRATION

Random vibrations of the elastic body accompanied by energy dissipation in the material. V.M. Hancharenko. Dop. AN URSR no. 6:733-737 '66.

ELASTIC WAVES

Machinability of pure metals by elastic waves. O.V. Abramov, I.I. Teumin. Fiz. met. i metalloved. 18 no. 1:84-92 Ji '61.

ELASTICITY

Determining the elastic modulus of highly elastic bodies in the uniaxial compression of cylinders. V.M. Ivanov, A.V. Sidorovich, E.V. Kuvshinskii. Zav. lab. 32 no. 5:592-593 '66.

Determining the parameters of spring-back during the plastic bending of pipe. I.S. Bilobran. Kuz.-shl. protzv. 8 no. 6:21-22 Je '66.

Dynamic problem on the distribution of pressure at the contact of a circular die with an elastic half-space. V.N. Zakorko. Fiz.-tekhn. protv. razrab. pol. tekhn. no. 3:13-15 '65.

Effect of initial stresses on the elastic moduli. V.A. Zhdanov, V.F. Kucilov. Fiz. met. i metalloved. 20 no. 6:926-927 D '65.

ELASTICITY—BOUNDARY VALUE PROBLEMS

Plane problem of the moment theory of elasticity for a region with a circular hole with given translations on the outline. I.U. M. Nemish. Dop. AN URSR no. 6:748-753 '66.

ELBRUS, MOUNT--GLACIERS

Voloshina, A. P. [Heat balance of the surface of high mountain glaciers in summer; based on the example of Mt. Elbrus] Teplovoy balans poverkhnosti vysokogor'nykh lednikov v letniy period; na primere El'brusa. Moskva, Nauka, 1966. 148 p.

ELECTIONS

Elections to the Supreme Soviet of the U.S.S.R. B. Nyzhnyk. Rad. pravo 29 no. 5:3-7 My '66.
The people name the worthy ones. Sov. profsoyuzy 22 no. 10:17 My '66.

ELECTRIC ARC

Heat transfer from a rapidly moving arc spot. V. I. Krylovich, T. N. Abramenko. Teplofiz. vys. temp. 4 no. 1:80-86 Ja-F '66.
Measuring the electron temperature in a low-voltage cesium arc. I. U. K. Gusev and others. Zhur. tekhn. fiz. 36 no. 4:753-755 Ap '66.
Use of a unipolar arc for spectrum analysis. P. M. Shvartsberg, P. D. Korzh. Zav. lab. 32 no. 5:631-633 '66.

ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

Bariev, N. V. [Installation of a cable and the checking of its operational state] Montazh kabelei i proverka ego ispravnosti. Moskva, Nedra, 1966. 122 p.

El'man, L. S., V. I. Korolev, and V. M. Tsesarskii. [Conducting materials for cables and wires] Provodnikovyye materialy dlia kabelei i provodov. Moskva, Energiya, 1966. 176 p.

It is premature to discontinue coil loading. V. P. Zhukh. Avtom., telemekh. i svyaz' 10 no. 5:34-36 My '66.

Smirnov, L. P. [Cabling electrician] Monter-kabel'shchik. Izd. 2, perer. i dop. Moskva, Vysshaya shkola, 1966. 390 p.

Use of dry cable terminal seals made from a polyvinyl chloride tape (decision F-1/66). Prom. energ. 21 no. 5:51 My '66.

Zotov, B. K. [Aluminum wires, cables and busbars] Aluminovyye provoda, kabelei i shiny. Moskva, Energiya, 1966. 84 p. (Biblioteka elektromontera, no. 187)

ELECTRIC CABLES--CORROSION

Automation of cathode protection systems of underground communication cables. S. S. Bilenko, E. A. Kapustin, O. S. Nabatov. Vest. svyazi 26 no. 4:13-15 Ap '66.

ELECTRIC CABLES--SAFETY MEASURES

Polarized electric drainage system. N. P. Tur, P. G. Dublaga. Avtom., telemekh. i svyaz' 10 no. 5:31 My '66.

ELECTRIC CABLES--TESTING

Capacitive methods for determining breaks in communication cables. V. F. Bakhmutskii. Vest. svyazi 26 no. 3:17-19 Mr '66.

Mobile high-tension laboratory for 0-10 kv, municipal cable networks. Z. T. Mirzabekian. Energetik 14 no. 6:20-21 Je '66.

ELECTRIC CIRCUITS

Dynamics of thermal processes in concentrated active loads of electric circuits fed from a source with invariant internal resistance. V. M. Tarasovich. Dop. AN URSSR no. 5:605-608 '66.

ELECTRIC CIRCUITS--MATHEMATICAL MODELS

Effect of the parameters of a self-bias trigger circuit on the type of a transient and the method for accelerating the operation of the circuit. E. V. Kvashin. Vop. vych. mat. i tekhn. no. 6:86-98 '65.

ELECTRIC COILS

Effect of core oscillations on the parameters of an induction coil. N. A. Zolotarev. Izv. vys. ucheb. zav.; elektromekh. 0 no. 5:524-530 '66.
Winding machine. I. Stepanov. Radio no. 5:33 My '66.

ELECTRIC CONDUCTIVITY

Testing the electroconductivity of copper and copper alloys with the aid of electroinductive gages of electroconductivity. D. G. Batomov, I. A. Firskovich. Zav. lab. 32 no. 5:579 '66.

ELECTRIC CONDUCTORS

El'man, L. S., V. I. Korolev, and V. M. Tsesarskii. [Conducting materials for cables and wires] Provodnikovyye materialy dlia kabelei i provodov. Moskva, Energiya, 1966. 176 p.

ELECTRIC CONTACTORS

Effect of the dimensions of the start contact plate on the contact welding current. V. E. Reshetnikov. Elektrotekhnika 37 no. 5:22-25 My '66.

Use of a silver-copper alloy in electric spark silvering of contactors. V. P. Rakovskii. Energetik 14 no. 6:24-24 24-25 Je '66.

ELECTRIC CONTROLLERS

Automatic control of an electric drive with an electromagnetic sliding sleeve. F. G. Guseinov, V. S. Vartanov. Za tekhn. prog. 4 no. 11:21-25 N '64.

Bolarchenkov, M. A., and others. [Pulse-type controllers using contactless magnetic elements] Impul'snye regulatory na beskontaktnykh magnitnykh elementakh. Moskva, Energiya, 1966. 119 p. (Biblioteka po avtomatike, no. 186)

Electrohydraulic controller of the speed of a steam turbine (electrical part). G. G. Volozhina, M. V. Oshvany, I. B. Fedinaev. Trudy VNI no. 73:50-63 '66.

Electrohydraulic controllers of hydraulic turbines. A. N. German. Energomashinostroyeniye 12 no. 6:1-5 Je '66.

Geiman, R. E. [Magnetic starters] Magnitnye puskateli. Moskva, Energiya, 1966. 63 p. (Biblioteka elektromontera, no. 194. Spravochnaya seriya)

Krug, E. K., T. M. Aleksandridi, and S. N. Diligenskiy. [Digital controllers] TSifrovyye regulatory. Moskva, Energiya, 1966. 503 p.

ELECTRIC CRANES

Parallel connection of two induction motors with phase rotors operating with one load. V. D. Untilov. Energetik 14 no. 6:24 Je '66.

ELECTRIC CURRENT CONVERTERS

Analysis of an autonomous inverter, stable in respect to external short circuits. L. A. Reskin, L. N. Sedov. Elektrotekhnika 37 no. 5:37-42 My '66.

Power factor of a frequency converter without a d.c. link. I. A. Bernshein. Elektrotekhnika 37 no. 5:45-49 My '66.

Power units of excitation controllers using thyristors. V. N. Efimov, M. V. Oshvany, G. M. Tsiassman. Trudy VNI no. 73:255-268 '66.

System for the electronic protection of thyristors in valve converter networks. M. Z. Khamudkhanov, T. S. Kamalov. Elektrotekhnika 37 no. 5:42-45 My '66.

ELECTRIC CURRENT RECTIFIERS

Experimental study of straight voltamper characteristics of semiconductor power rectifiers and thyristors. V. N. Efimov, M. V. Oshvany, G. M. Tsiassman. Trudy VNI no. 73:237-308 '66.

Seminar on "Regulated silicon rectifiers (thyristors) in electrical drives and industrial automatic control systems." V. A. Novikov, K. G. Skachko. Izv. vys. ucheb. zav.; energ. 9 no. 5:131 My '66.

ELECTRIC CURRENT RECTIFIERS--SAFETY MEASURES

Composite unit for the protection of rectifiers using silicon devices. V. F. Antonov. Prom. energ. 21 no. 5:40-42 My '66.

Inventions. Energ. i elek. no. 1:48 Ja-F '66.

ELECTRIC CURRENTS--GROUNDING

Spreading resistance of grounding in relation to time. S. A. Bobrovskii, G. S. Kusevskii. Gaz. delo no. 5:26-28 '66.

ELECTRIC CURRENTS, ALTERNATING

Electric conductivity of ion exchangers as related to current frequency. V. D. Grebeniuk, N. P. Gusein. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:37-41 '66.

ELECTRIC CURRENTS, EDDY

Mathematical modeling of magnetic effects. S. M. Rozhavskii, B. M. Ilchenko. Izv. vys. ucheb. zav.; energ. 9 no. 6:105-108 Je '66.

ELECTRIC CUTOOTS

Water-cooled electric cutouts for large current operation. O. B. Bron, V. D. Molchanov, L. A. Shifrin. Elektrotekhnika 37 no. 5:18-21 My '66.

ELECTRIC DISCHARGE LIGHTING

Design of mirror light fixtures with low-pressure mercury discharge lamps. D. S. Dobrev. Svetotekhnika 12 no. 6:7-12 Je '66.

ELECTRIC DISCHARGES

Electrocracking of liquid organic raw materials. Report No. 2. N. S. Pechuro, A. N. Merkur'ev. Elek. obr. mat. no. 3:50-63 '65.

Ignition of a discharge in a Penning tube under high vacuum. E. M. Reikhrudoi, E. Kh. Isakaev. Zhur. tekhn. fiz. 36 no. 4:653-660 Ap '66.

Interaction of supersonic jets in pulse discharges. M. A. Sultanov, L. I. Kiselevskii. Teplofiz. vys. temp. 4 no. 1:40-45 Ja-F '66.

Kinetics of the selection of the liquid phase of an electrode substance for electric discharge conditions. A. G. Golovko. Izv. vys. ucheb. zav.; energ. 9 no. 6:83-88 Je '66.

Spectroscopic study of a plasma produced by a low-voltage pulse discharge in a vacuum. V. A. Derzhishnikov, M. A. Deriabina. Teplofiz. vys. temp. 4 no. 1:20-26 Ja-F '66.

Studying the electric erosion phenomenon on the surface of a two-layer electrode. I. G. Nekrashevich, I. A. Bakuto. Elek. obr. mat. no. 3:24-26 '65.

ELECTRIC DISCHARGES THROUGH GASES

Change in the surface characteristics of a dielectric resultant from a gas discharge. A. V. Dmitriev, T. S. An. TSao-tzian' [Chiang Chieh-chien]. Zhur. tekhn. fiz. 36 no. 4:730-745 Ap '66.

Distribution of the relative atom and ion concentrations alongside and across a gas discharge in a source of multiply charged ions. L. P. Kul'kina, A. S. Pasiuk. Zhur. tekhn. fiz. 36 no. 4:726-734 Ap '66.

Energy balance of a stationary induced discharge. R. E. Rovinskii, V. A. Gruzdev, I. P. Shirokova. Teplofiz. vys. temp. 4 no. 1:35-38 Ja-F '66.

Glow discharge at low pressures and current densities up to 0.1 a/cm². B. N. Klarfeld, L. G. Guseva, A. S. Pokrovskaya-Soboleva. Zhur. tekhn. fiz. 36 no. 4:704-713 Ap '66.

Luminescence of a mixture of zinc-mercury vapors in a high-frequency discharge. O. P. Bochkova. Opt. i spektr. 20 no. 5:901-903 My '66.

Mechanism of the effect of glow discharge products on the velocities of hydrogen-oxygen flames within the ignition peninsula. V. I. Basevich, S. M. Kogarko. Kin. i kat. 7 no. 3:393-400 My-Je '66.

Overdense glow discharge using a hollow cathode. L. I. Abramovich, B. N. Klarfeld, L. G. Guseva. Zhur. tekhn. fiz. 36 no. 4:714-719 Ap '66.

Velocity and cross section of the excitation of the 3s₂ level in neon by metastable helium 2S atoms in discharges through an He-Ne mixture. V. P. Chebotarev, L. S. Vasilenko. Opt. i spektr. 20 no. 5:913-914 My '66.

ELECTRIC DOUBLE LAYER

Electric double layer capacitance on mercury in melts and concentrated solutions of nitrates. V. Sh. Palanker, A. M. Skuridin, V. S. Bagotskii. Elektrokhimia 2 no. 6:640-645 Je '66.

ELECTRIC DRIVING

Analysis of methods for calculating and modeling the transient process of an electric drive. I. A. Sarsenst, A. I. Shaptala. Trudy LPI no. 259:134-142 '65.

Automatic control of an electric drive with an electromagnetic sliding sleeve. F. G. Guseinov, V. S. Vartanov. Za tekhn. prog. 4 no. 11:21-25 N '64.

Calculation of transient processes in electric drive systems with magnetic amplifiers using the isoclines method. M. G. Rikhtsev. Trudy LPI no. 259:8-17 '65.

Choice of the motor of an electric drive with frequency regulation and constant power. V. L. Anshimuk, O. P. Il'in, G. P. Shelina. Izv. vys. ucheb. zav.; energ. 9 no. 5:40-45 My '66.

Construction of a transient process according to frequency characteristics. A. A. Denisov. Trudy LPI no. 259:103-120 '65.

Determination of parameters and calculation of characteristics used in the study of transient processes in a reactor controlled electric drive. S. A. Zaborovskii. Trudy LPI no. 259:69-76 '65.

Determination of the parameters of the electric motors of a generator-motor drive system. M. S. Binus. Prom. energ. 21 no. 5:25 My '66.

Equation of the dynamics and structural networks of electric drives with resilient mechanical couplings. B. V. Kvartal'nov, V. I. Prikhno. Trudy LPI no. 259:25-32 '65.

Impulse method for controlling the speed of electric motors. I. S. Ereminov. Avtomatika 10 [i. e. 11] no. 3:66-71 '66.

Kraltsberg, M. I. [Electric drive with autonomous power supply] Elektroprivod pri avtonomnom istochnike energii. Moskva, Energiya, 1966. 223 p.

Limitation of signals in automated electric drive systems. I. G. Efimov. Trudy LPI no. 259:92-95 '65.

Method for measuring the instantaneous speed of an electric drive in a small oscillation mode. V. V. Andrushevich, V. N. Sharakhin. Trudy LPI no. 259:56-60 '65.

Moscow, Energeticheskii institut. [Reports of a scientific and technological conference on the results of scientific and research work conducted in 1964-1965; section on the electrification and automation of industry and transportation, subsection on the electrical equipment of industrial enterprises] Doklady nauchno-tekhnicheskoi konferentsii po itogam nauchno-issledovatel'skikh rabot za 1964-1965 gody; seksiya elektrifikatsii i avtomatizatsii promyshlennosti i transporta, podseksiya elektrooborudovaniya promyshlennykh predpriyatiy. Red. M. G. Chilikin. Moskva, 1965. 105 p.

Operation of roll-type conveyor electric motors installed at different angles. G. A. Sipailov, E. K. Strel'bickii, S. A. Shelekhov. Elektrotekhnika 37 no. 5:50-52 My '66.

Phase methods for studying nonlinear systems of automated electric drives. V. G. Drannikov, M. G. Rikhtsev. Trudy LPI no. 259:39-45 '65.

Pizhurin, A. A., and V. T. Surikov. [Electrical machinery and electric driving of lumbering equipment] Elektricheskie mashiny i elektroprivod lesozagolovitel'nogo oborudovaniya. Moskva, Lesnaya promyshlennost', 1966. 305 p.

Prospects for the development of automated electric drives with magnetic and semiconductor devices. V. G. Drannikov. Trudy LPI no. 259:3-7 '65.

Some experimental studies of reactor controlled electric drives. S. A. Zaborovskii. Trudy LPI no. 259:46-50 '65.

ELECTRIC DRIVING (Continued)

- Special features of the operation of an electric drive in a system consisting of a magnetic amplifier and electric motor with a transistorized preamplifier stage. V.G. Drannikov and others. Trudy LPI no. 259:77-84 '65.
- Standardized sets of devices for the control of the electric drives of drilling systems. B.I. Motekshin, B.M. Parfenov. Elektrotehnika 37 no. 5:27-31 My '66.
- Study of steady oscillatory modes of an electric drive system with one periodic nonlinearity. O.R. Rykin. Trudy LPI no. 259:143-149 '65.
- Use of frequency characteristics in the analysis of an electric drive with resilient couplings. B.V. Kvarintal'nov, V.I. Prikhno. Trudy LPI no. 259:51-55 '65.

ELECTRIC ENGINEERING

- Boboshko, K.K. [Electric engineering made interesting] Tshkava elektrotehnika. [Kyiv] Radians'ka shkola. 1965. 189 p.

(NN)

- Kitaev, E.V., and M.F. Gretysev. [Course in general electrical engineering] Kurs obshchey elektrotehniki. Izd. 6., perer. i dop. Moskva, Vysshaya shkola, 1966. 558 p.
- Klitnovich, F.G. [General and specialized electrical engineering] Obshchaya i spetsial'naya elektrotehnika. Minsk, Vysshaya shkola, 1966. 234 p.

ELECTRIC ENGINEERING—STUDY AND TEACHING

see subdivision under Tashkent

ELECTRIC ENGINEERS

see subdivision under Gorkly

ELECTRIC EQUIPMENT INDUSTRY

(see also subdivision under Erivan; Leninakan; Ukraine)

- If it's Soviet, it should be outstanding. Radio no. 5: 43-44 My '66.

ELECTRIC EQUIPMENT INDUSTRY—MANAGEMENT

see subdivision under Voronezh

ELECTRIC EQUIPMENT INDUSTRY—QUALITY CONTROL

Manufactured electrical equipment should be more complete and ready for operation. L.I. Shafuan. Prom. energ. 21 no. 5:57-58 My '66.

ELECTRIC EQUIPMENT INDUSTRY—SCHEDULING

see subdivision under Vitebsk

ELECTRIC FIELDS

- Scattering of waves by the charged surface of a liquid conductor. V.P. Miantsev. Trudy Un. druzh. nar. 11, Fiz. no. 1:87-92 '65.
- Thermometer for continuous measurement of the temperature of dielectrics and semiconductors in high-frequency fields. D.I. Malov, L.S. Smugars. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:581-585 '66.

ELECTRIC FIELDS—SAFETY MEASURES

Use of protective clothing in work on 110, 220, and 500 kv. overhead lines. Energetik 14 no. 6:35 Je '66.

ELECTRIC FILTERS

Improving the operation of the smoothing filters in traction substations. A.A. Snarskiy, I.V. Logat. Avtom., telem. i svyaz' 10 no. 5:9-13 My '66.

ELECTRIC FURNACES

Conversion of the equivalent circuit of the electrical network of a three-phase open smelting furnace. V.M. Freglin. Izv. vys. ucheb. zav.; energ. 9 no. 5:120-121 My '66.

Eduardov, M.S., and M.M. Efros. [Metal heating in open-flame and electric furnaces] Nagrev metalla v plamennykh pechakh i elektronnagrevatel'nykh ustanovkakh. Pod obshchey red. P.V. Kamneva. Moskva, Mashgiz, 1958.

ELECTRIC FURNACES—DESIGN AND CONSTRUCTION

Experience in operating and trends in the design of equipment for the nonoxidizing resistance heating of pipe. B.I.A. Palei. Met. i gornorud. prom. no. 3: 43-46 My-Je '66.

ELECTRIC GENERATORS

- Analysis of the forms of current and voltage curves of the output of a transformer-compensator of the active losses of the stator circuits of model synchronous generators. M.D. Nishanbeev. Izv. AN Uz.SSR, Ser. tekhn. nauk 10 no. 3:9-15 '66.
- Choice of optimal parameters of static excitation systems. V.M. Usin. Trudy VEI no. 73:179-205 '66.
- Frequency method for studying the law of the excitation regulation of a synchronous generator. I.I. Litker. Trudy VEI no. 73:205-212 '66.
- Regulation of the voltage of a synchronous generator. A.I. Sevan'tyanov, I.U. G. Shiriaev. Elektrotehnika 37 no. 5:31-32 My '66.
- Steady-state processes in a synchronous generator operating with an impulse load. I.D. Urosov, L.I. Potashov. Elektrotehnika 37 no. 5:2-6 My '66.
- Two networks for differentiating an a.c. envelope in automatic excitation regulators. V.G. Liubarskiy. Trudy VEI no. 73:247-255 '66.

Use of mathematical modeling in the study of the stability of an automatic excitation control system during the late operation of a generator. V.G. Liubarskiy, V.M. Usin. Trudy VEI no. 73:170-179 '66.

ELECTRIC GENERATORS—SAFETY MEASURES

Measuring unit of a device limiting the overloading of large generators using an integrating magnetic amplifier. V.G. Liubarskiy, V.M. Usin. Trudy VEI no. 73:222-233 '66.

ELECTRIC HEATING

see subdivision under Namangan

ELECTRIC HOUSEHOLD APPLIANCES

see Household appliances, Electric

ELECTRIC INSTRUMENTS

Unit for recording the profile of diamond wheels. I.U. Ivanov, G.R. Miktych'ants. Stan. i Instr. 37 no. 6: 36-37 Je '65.

ELECTRIC INSULATORS AND INSULATION

- Puncture and ionization of oil-type and composite insulation during the vibration of electrodes. K.F. Stepanchuk. Izv. vys. ucheb. zav.; energ. 9 no. 6:27-32 Je '66.
- Use of dry cable terminal seals made from a polyvinyl chloride tape (decision E-1/66). Prom. energ. 21 no. 5:51 My '66.
- Ways of improving the quality of high-voltage porcelain. S.F. Tumanov, G.N. Maslennikova. Stek. i ker. 23 no. 6:23-25 Je '66.

ELECTRIC INSULATORS AND INSULATION—DRYING

Automation of tunnel drying chambers in the manufacture of ceramic insulators. V.G. Kopp, M.L. Ustin. Prom. energ. 21 no. 5:42-47 My '66.

ELECTRIC LAMPS

see subdivision under Erivan

ELECTRIC LIGHT FIXTURES

Built-in VOD-type light fixtures. Svetotekhnika 12 no. 6:31-32 Je '66.

ELECTRIC LIGHTING

- Calculation of the flux distribution of sealed underwater light fixtures with plane protective glasses. N.V. Chernyshova. Svetotekhnika 12 no. 6:4-7 Je '66.
- Riabov, M.S., and L.A. Tshpman. [Electrical part of lighting systems] Elektricheskiye chasti osvetitel'nykh ustanovok. Moskva, Energiya, 1966. 359 p.
- Some properties of a reflecting surface. G.B. Tkachuk. Svetotekhnika 12 no. 6:13-16 Je '66.
- Through the pages of foreign magazines. Svetotekhnika 12 no. 6:29-30 Je '66.
- Work of the light engineering section of the Central Administration of the Scientific and Technical Society of the Power Industry. Svetotekhnika 12 no. 6:28 Je '66.

ELECTRIC LIGHTING—BIBLIOGRAPHY

see Bibliography—Electric lighting

ELECTRIC LINES—MAINTENANCE AND REPAIR

Device for locating short circuits in overhead 6-10 kv. networks. I.G. Belinkov, A.V. Zinov'ev. Energetik 14 no. 6:5-6 Je '66.

ELECTRIC LINES—OVERHEAD

- Snarskiy, A.A., and M.V. Markov. [Lines for automatic control, remote control, and communications in railroad transportation] Lini avtomatiki, tolemekhaniki i svyazi na zhelezнодорожном transporte. Izd. 2., perer. i dop. Moskva, Transport, 1966. 403 p.
- Study of some operating modes of 330 kv. power transmission lines with branching conductors. S.M. Rozhnovskiy, B.M. Dichenko. Energ. i elek. no. 1:21-23 Ja-F '66.

ELECTRIC LINES—POLES AND TOWERS

- Damage of a power transmission line tower due to a unilateral pull of the wires. N.I. Martin. Energetik 14 no. 6:26 Je '66.
- Grigor'ev, I.U.E. [Construction and erection of electric power transmission lines] Stroitel'stvo i montazh lini elektropredachi. Moskva, Energiya, 1966. 163 p.

ELECTRIC LINES—UNDERGROUND

Automation of cathode protection systems of underground communication cables. S.S. Bilenko, E.A. Kapustin, O.S. Nabatov. Vest. aviast. 26 no. 4:13-15 Ap '66.

ELECTRIC LOCOMOTIVES

- New electric mine locomotives. P.I. Kapoport. Elektrotehnika 37 no. 5:32-37 My '66.
- Traction and power parameters of electric locomotives for traffic speeds ranging from 200 to 250 km per hour. A.V. Bychkovskiy, A.S. Potapov. Vest. TSNII MPS 25 no. 3:16-22 '66.

ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

Characteristics of the electric equipment of electric locomotives for traffic speeds ranging from 200 to 250 km per hour. Vest. TSNII MPS 25 no. 3:22-25 '66.

ELECTRIC MACHINERY

Automatic excitation controllers with strong action for hydraulic turbine and generator units, turbogenerators, and synchronous compensators with electronic excitation systems. L.F. Alekseev and others. Trudy VEI no. 73:11-32 '66.

Pizharin, A.A., and V.T. Surikov. [Electrical machinery and electric driving of lumbering equipment] Elektricheskiye mashiny i elektropriivod lesozagotovitel'nogo oborudovaniya. Moskva, Lesnaya promyshlennost', 1966. 308 p.

ELECTRIC MACHINERY—ALTERNATING CURRENT

- Breaking modes in an a.c. autonomous system. K.N. Vukobratov, F.M. Agababian. Energ. i elek. no. 1:27-30 Ja-F '66.
- Nakhodkin, M.D. [Some problems of the theory of a.c. machines; a lecture outline] Nekotoryye voprosy teorii mashin peremennogo toka; konspekt lektsii. Moskva, Mosk. in-t inzhenerov zhei-dor, transporta, 1965. 111 p.

ELECTRIC MACHINERY—DIRECT CURRENT

- Polko, O.A. [Adjustment of the commutation of d.c. machines] Naladzka kommutatsii mashin postoiannogo toka. Moskva, Energiya, 1966. 43 p. (Biblioteka elektromotora, no. 182)
- Concerning the article "Criterion of commutation intensity of d.c. machines." P.S. Livshits, I.I. Bodrov. Elektrotehnika 37 no. 5:50 My '66.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Plastolov, A.A., E.L. Shnats, and V.A. Blumberg. [Operation and repair of electrical equipment] Eksploataatsiya i remont elektrobudovaniya. Moskva, Kolos, 1966. 351 p. (Uchebnykh i uchebnykh posobie dlya vysshikh set'skikh i avtomaticheskikh uchebnykh zavedeniy)

ELECTRIC MACHINERY—QUALITY CONTROL

Transducers for controlling the magnetic characteristics of the stators of synchronous motors. M.A. Babikov, I.V. Seleznev, I.U. Maslov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:538-548 '66.

ELECTRIC MACHINERY, SYNCHRONOUS

Apoll'sev, I.U.A. [Operation of synchronous compensators] Eksploataatsiya sinkhronnykh kompensatorov. Moskva, Energiya, 1966. 80 p. (Biblioteka elektromotora, no. 185)

- Choice of optimal parameters of static excitation systems. V.M. Usin. Trudy VEI no. 73:179-205 '66.
- Frequency method for studying the law of the excitation regulation of a synchronous generator. I.I. Litker. Trudy VEI no. 73:205-212 '66.

Study of the effectiveness of the regulation of the excitation of synchronous compensators operating in a receiving power system. G.R. Gertsenberg and others. Trudy VEI no. 73:202-109 '66.

ELECTRIC MACHINERY, SYNCHRONOUS—TESTING

Investigating the stability of operating conditions of a synchronous machine in the case of nonsymmetrical loads. S.M. Sedlov. Za tekh. prog. 4 no. 11:23-39 N '64.

ELECTRIC MACHINERY INDUSTRY

see subdivision under Armenia

ELECTRIC MEASUREMENTS

- Aluker, Sh.M. [Electrical measurements] Elektricheskiye izmereniya. Moskva, Kolos, 1966. 439 p. (Uchebnykh i uchebnykh posobie dlya vysshikh set'skikh i avtomaticheskikh uchebnykh zavedeniy)
- Atsukovskiy, V.A. [Capacitive displacement transducers] Emkistnyye peremeshchayemyye peremeshcheniya. Moskva, Energiya, 1966. 277 p.
- Device for locating short circuits in overhead 6-10 kv. networks. I.G. Belinkov, A.V. Zinov'ev. Energetik 14 no. 6:5-6 Je '66.
- Device for measuring the contact resistances between rails and reinforced-concrete ties. N.R. Iushchenko and others. Avtom., telem. i svyaz' 10 no. 5:16-19 My '66.

Device for recording the fluctuations of a sinusoidal voltage. A.P. Protasov, A.A. Ianko-Trinitskiy. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:573-574 '66.

Electrical method for measuring viscosity. L.N. Chuganov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5: 565-567 '66.

[Equipment for measurements in long-distance communication systems] Apparatura dlya izmereniy v dal'noi svyazi. Informatsionnyi sbornik. Moskva, Svyaz', 1966. 166 p. (Tekhnika svyazi)

Instrument for measuring the polarity and potential of an electrostatic charge in pneumatic conveying systems for flour. M.K. Goroshenko, S.N. Liandres, Khleb. i kond. prom. 10 no. 5:10-12 My '66.

ELECTRIC METAL CUTTING

- Electric spark machining of semiconductor materials. I.N. Rubtsov. Elek. obr. mat. no. 3:3-18 '65.
- Studying the process of metal erosion in the atmosphere. A.I. Kruglov, E.M. Striglin. Elek. obr. mat. no. 3:19-23 '65.
- Synthesis of an automatic device for contour following in the electric spark machining of metals. K.K. Gularian. Elek. obr. mat. no. 3:27-44 '65.

ELECTRIC METAL CUTTING—CONGRESSES

International Congress on the Machining of Metals by Electric Discharges. Elek. obr. mat. no. 3:93-94 '65.

ELECTRIC METAL CUTTING—EQUIPMENT AND SUPPLIES

Electric spark machine model 4531. Elek. obr. mat. 3, 8:80-90 '63.
Some new types of precision electric spark machines and their assemblies. E. M. Levinson. Elek. obr. mat. 3, 8:83-88 '63.

ELECTRIC METERS

Telemechanical pulse converter for the meters of electric power consumption. V. A. Skiba and others. Mekh. i avtom. protzv. 20 no. 6:30-31 Je '66.

ELECTRIC MOTORS

Hammer mill with a built-in electric motor. G. Shumlin, A. Germanovich. Tekh. v sel'khoz. 26 no. 5:63-64 My '66.

Makarov, L. S., and I. Z. Ureiskii. [Casting of the rotors of large electrical motors] Zaliyka rotorov elektrodvigatelei bol'shikh gabaritov. Moskva, Energiia, 1966. 128 p.

Vinogradov, N. V., and I. N. Vinogradov. [How to design and build an electric motor yourself] Kak samomu rasschitat' i sdelat' elektrodvigatel'. Izd. 2, perer. i dop. Moskva, Energiia, 1966. 175 p.

ELECTRIC MOTORS—STARTING DEVICES

Il'inski, N. F. [Calculation and selection of resistances for electric motors] Raschet i vybor soprotivlenii dlia elektrodvigatelei. Izd. 2, perer. i dop. Moskva, Energiia, 1966. 70 p. (Biblioteka elektronika, no. 188)

ELECTRIC MOTORS—TESTING

Determination of the parameters of the electric motors of a generator-motor drive system. M. S. Binus. Prom. energ. 21 no. 5:25 My '66.

ELECTRIC MOTORS, DIRECT CURRENT—COOLING

Efficiency of radiator cooling of enclosed d.c. machines. I. S. Mendeleev, A. A. Troetskaya, I. U. A. Robinshtein. Energ. i elek. 1 no. 1:34-35 Ja-F '66.

ELECTRIC MOTORS, INDUCTION

Approximation of experimental curves in the calculation of induction motors using electronic digital computers. M. N. Simov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:550-564 '66.

Choice of the motor of an electric drive with frequency regulation and constant power. V. L. Ankhimuk, O. P. Dina, G. P. Shetina. Izv. vys. ucheb. zav.; energ. 9 no. 5:40-45 My '66.

Choice of the optimal value of the slip of an induction motor. A. I. Berger. Izv. vys. ucheb. zav.; energ. 9 no. 6:109-112 Je '66.

Effect of the technology of the manufacture of rotors of asynchronous motors on their additional losses. I. U. V. Galtsev. Elektrotehnika 37 no. 5:11-14 My '66.

Pankrat'ev, L. D., and others. [A.C. servo drive with transistor amplifiers] Slediaschit privod peremennogo toka s puznaprovodnikovymi ustroistvami. Moskva, Energiia, 1966. 103 p. (Biblioteka po avtomatike, no. 175)

Parallel connection of two induction motors with phase rotors operating with one load. V. D. Untilov. Energ. i elek. 14 no. 6:24 Je '66.

Sandler, A. S. [Regulation of the angular velocity of large asynchronous motors] Regulirovanie skornosti vrashcheniya mashinnykh asinkhronnykh dvigatelei. Moskva, Energiia, 1966. 319 p.

Sandler, A. S., and R. S. Sarbatov. [Frequency control of asynchronous motors] Chastotnoe upravlenie asinkhronnymi dvigateliami. Moskva, Energiia, 1966. 144 p. (Biblioteka po avtomatike, no. 170)

Study of the effect of voltage asymmetry on the principal characteristics of a frequency regulated asynchronous motor using an electronic digital computer. M. Z. Khomukhanov, A. A. Khshimov. Izv. AN Uz. SSR. Ser. tekhn. 10 no. 3:3-8 '66.

Transducers for controlling the magnetic characteristics of the stators of asynchronous motors. M. A. Babikov, I. U. V. Soloznev, I. U. N. Maslov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:538-540 '66.

ELECTRIC MOTORS, SYNCHRONOUS

Small oscillations of a synchronous reactive motor. V. N. Sharakhin. Trudy LPI no. 259:33-38 '65.

Testing of a brushless synchronous motor in a conveyor drive. V. A. Starodubov. Prom. energ. 21 no. 5:22-24 My '66.

ELECTRIC MOTORS, SYNCHRONOUS—CURRENT SUPPLY

Device for recording the fluctuations of a sinusoidal voltage. A. P. Protasov, A. A. Ianko-Trinitskii. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:573-574 '66.

ELECTRIC NETWORK ANALYZERS

Carrying out network calculations on a.c. models. G. P. Kryzhov. Energ. i elek. 1 no. 1:11-12 Ja-F '66.

ELECTRIC NETWORKS

Calculation of short-circuit windings in electrical systems with ratings exceeding 1000 volts. D. I. Rozinekii, A. M. Manilov. Energ. i elek. 14 no. 6:20-30 Je '66.

Electrical modeling of a system of linear algebraic equations with a random matrix of coefficients using RC nets. M. I. Likhtsinder. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:506-510 '66.

Frequency analysis of discrete circuits with delay lines. V. V. Meehin. Radiotekh. i elektron. 11 no. 7:1200-1209 Ji '66.

Meinikov, N. A. [Matrix method for the analysis of electrical networks] Matritsnyi metod analiza elektricheskikh tsepei. Moskva, Energiia, 1966. 216 p.

Inertive and active component of the impedance of a two-terminal network linked with the nonlinearity of the static characteristic. A. B. Pavlinov, V. A. Sablikov. Radiotekh. i elektron. 11 no. 7:1331-1336 Ji '66.

Study of the electrical characteristics of some symmetrical eight-terminal networks. L. G. Dorfman. Radiotekhnika 21 no. 5:19-29 My '66.

Thermal calculation of multistage electrical networks. B. K. Loksha. Probl. teploenerg. i prikl. teplofiz. 2 no. 2:237-250 '65.

Transient processes in a circuit containing a thermistor and inertialess nonlinear resistances. V. P. Radjanov. Izv. vys. ucheb. zav.; energ. 9 no. 6:101-105 Je '66.

Use of feedback and generalized graphs. D. N. Bolotin. Radiotekhnika 21 no. 5:78-80 My '66.

ELECTRIC NETWORKS—TESTING

Pocket-sized instrument for signal testing of electrical networks. E. N. Zosim. Energ. i elek. 14 no. 6:19-20 Je '66.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER

[Electric power production and utilization in foreign countries; supplement to the periodical "Elektricheskie stantsii"] Energokhoz. za rub. no. 3 My-Je '66.

Van, V. L. [Economics of the power industry] Ekonomika energitiki. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1966. 271 p.

ELECTRIC POWER DISTRIBUTION

(see also subdivision under Donets Basin)

Bazhenov, S. N., and V. I. Benin. [Automatic control in power systems] Avtomaticheskoe regulirovanie v energosistemakh. Kiev, Tekhnika, 1966. 411 p.

Burguchev, S. S. [Electric power plants, substations and systems] Elektricheskie stantsii, podstantsii i sistemy. Izd. 2, perer. i dop. Moskva, Kolos, 1966. 687 p. (Uchebnyi i uchebnye posobia dlia vysshykh sel'skokho-ziaistvennykh uchebnykh zavedenii)

Complex device for automatic reclosing. V. E. Poltavov. Izv. vys. ucheb. zav.; energ. 9 no. 5:1-7 My '66.

Duration of the leave time of electricians and drivers of electrical network maintenance departments. Energ. i elek. 14 no. 6:35 Je '66.

Effect of a synchronous compensator operating in a reactive power consuming mode on the dynamic stability of an electric power transmission line. V. K. Shaban, V. E. Kashtelan. Trudy VEl no. 73:143-155 '66.

Increasing the stability of power systems using automatically regulating and controlling devices and problems of research in this field. M. N. Rozanov. Trudy VEl no. 73:84-91 '66.

Installation of longitudinal-capacitive compensation in power distribution networks in mines. O. V. Ivanov and others. Prom. energ. 21 no. 5:14-18 My '66.

Mobile high-tension laboratory for 6-10 kv, municipal cable networks. Z. T. Mirzabekian. Energ. i elek. 14 no. 6:20-21 Je '66.

Nonbalance current of a longitudinal differential protection system. E. M. Pevzner. Izv. vys. ucheb. zav.; energ. 9 no. 6:1-7 Je '66.

Operation of closed-loop municipal power distribution networks with protection of the lines by cutouts. Energ. i elek. 14 no. 6:37 Je '66.

Optimal relationship between input powers of peak and base electric power stations. O. P. Shcherbakova. Izv. AN Arm. SSR. Ser. tekhn. nauk 10 no. 2:17-22 '66.

Optimal size of the wires of power distribution lines taking into account future load increases. V. M. Tsviak, V. G. Rebo. Energ. i elek. 14 no. 1:10-21 Ja-F '66.

Program for calculating the operating modes of complexly closed electrical networks with transformer couplings. V. N. Suleimanov. Energ. i elek. 14 no. 1:10-10 Ja-F '66.

Study of some operating modes of 330 kv. power transmission lines with branching conductors. S. M. Rozhavskii, B. M. Il'chenko. Energ. i elek. 14 no. 1:21-23 Ja-F '66.

Study of the effectiveness of the regulation of the excitation of synchronous compensators operating in a receiving power system. G. R. Gertsberg and others. Trudy VEl no. 73:92-100 '66.

Technical and economic indices of progressive power supply systems of river ports. B. Palm. Rech. transp. 22 no. 6:20-23 Ag '64.

ELECTRIC POWER DISTRIBUTION—ALTERNATING CURRENT

Scientific and technical conference on the use of single-phase a.c. in rural electrification. V. A. Shurub. Energ. i elek. 14 no. 1:64 Ja-F '66.

ELECTRIC POWER DISTRIBUTION—COMMUNICATION SYSTEMS

Mikutskii, G. V. [System for treating and coupling high-frequency communication channels] Ustroistva obrabotki prisoedineniya vysokochastotnykh kanalov. Moskva, Energiia, 1966. 183 p.
Use of a 10 kv. power distribution network without high-frequency treatment for service communications. V. V. Sarapkin and others. Energ. i elek. 14 no. 6:2-5 Je '66.

ELECTRIC POWER DISTRIBUTION—CONGRESSES

Penary session of a section on electrical safety in the Central Administration of the Scientific and Technical Society of the Power Industry. Prom. energ. 21 no. 5:53-54 My '66.

Scientific and technical seminar on "Automatic and remote control in the electric power supply systems of industrial enterprises." A. A. Taits. Prom. energ. 21 no. 5:51-53 My '66.

ELECTRIC POWER DISTRIBUTION—MODELS

Shchedrin, N. N. [Simplification in the modeling of electrical systems] Uproshchenie elektricheskikh sistem pri modelirovani. Moskva, Energiia, 1966. 156 p.

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Gurevich, G. I. [Field training in safety procedures in electric equipment installation] Instruktazh po tekhnike bezopasnosti na rabochem meste elektronizatsionika. Moskva, Energiia, 1966. 68 p. (Biblioteka elektronika, no. 185)

Manolov, V. E. [Principles of electrical safety] Osnovy elektrichezopasnosti. Moskva, Energiia, 1966. 342 p.

ELECTRIC POWER DISTRIBUTION—SAFETY REGULATIONS

Development of new safety engineering regulations in servicing electrical systems of industrial enterprises. Energ. i elek. 14 no. 6:9 Je '66.

ELECTRIC POWER PLANTS

(see also subdivision under Minusinsk, Krasnoyarsk Territory)

Bazhenov, S. N., and V. I. Benin. [Automatic control in power systems] Avtomaticheskoe regulirovanie v energosistemakh. Kiev, Tekhnika, 1966. 411 p.

Burguchev, S. S. [Electric power plants, substations and systems] Elektricheskie stantsii, podstantsii i sistemy. Izd. 2, perer. i dop. Moskva, Kolos, 1966. 687 p. (Uchebnyi i uchebnye posobia dlia vysshykh sel'skokho-ziaistvennykh uchebnykh zavedenii)

Efficient system for cooling reduced steam in reduction-cooling systems. I. G. Pilsan, R. Kh. Vishnev. Energ. i elek. 14 no. 6:12-13 Je '66.

Flakserman, I. N. [Development of thermal power engineering in the U.S.S.R.] Razvitiye teploenergetiki SSSR. Moskva, Energiia, 1966. 198 p.

Kokhan, N. D. [Organization and planning of electric equipment installation operations in the construction of 110-500 kv. thermal electric power plants and substations] Organizatsiia i planirovanie elektromontaznykh rabot na stroitel'stve teplovyykh elektrostantsii i podstantsii 110-500 kv. Moskva, Energiia, 1966. 206 p.

[Manual for studying the regulations on the technical operation of electric power stations and networks; Pipelines and feeding systems, steam turbine systems] Posobie dlia izucheniia pravil tekhnicheskoi eksploatatsii elektricheskikh stantsii i setei. Truboprovody i platforymy ustanovki, paroturbiny ustanovki. Moskva, Energiia, 1966. 180 p.

Optimization of a thermal power plant connected into a pumped storage power plant system. E. E. Lotter, D. M. Rykaltov. Izv. AN Uz. SSR. Ser. tekhn. nauk 10 no. 3:16-21 '66.

Optimum distribution of load in a power system with consideration of the economic characteristics of consumers. V. M. Sin'kov. Izv. vys. ucheb. zav.; energ. 9 no. 5:110-113 My '66.

Special features of the use of fuels with a high content of calcium oxide in ashes in electric power plants. N. G. Zalogin. Teploenergetika 13 no. 5:50-55 My '66.

Use of gas turbines in power generation abroad. A. P. Salikov. Teploenergetika 13 no. 5:83-89 My '66.

Vymorkov, B. M. [Cochthermal electric power plants] Geotermalnye elektrostantsii. Moskva, Energiia, 1966. 110 p. (Biblioteka teploekhnika, no. 14)

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

(see also subdivision under Ukraine)

Reducing and cooling systems manufactured by the Venukovo Equipment Plant. D. Kh. Garber. Teploenergetika 13 no. 5:34-38 My '66.

ELECTRIC POWER PLANTS—FUEL SUPPLY see subdivision under White Russia

ELECTRIC POWER PRODUCTION

Leading collectives should be awarded red banners and prizes. Energ. i elek. 14 no. 6:1-2 Je '66.

ELECTRIC POWER PRODUCTION—COSTS

Ayukhi, A.I. [Problems of the cost of electric and thermal power] Problemy sebestoimosti elektricheskoi i teplovoi energii. Izd. 2., perer. i dop. Moskva, Energiia, 1966, 455 p.

ELECTRIC PROSPECTING

Determining the chemical composition and distribution of some elements in minerals, using electron microscopes. O. P. Sharkin, V. A. Stul'chikov. Geol. zhur. 26 no. 2: 119-121 '66.

ELECTRIC PROTECTION

Complex device for automatic reclosing. V. E. Poljakov. Izv. vys. ucheb. zav.; energ. 9 no. 5:1-7 My '66.

Get'fand, I.A.S., M. L. Golubev, and M. I. TSarev. [A.C. operational relay protection and electric and automatic control] Releinaia zashchita i elektroavtomatika na peremennom operativnom toke. Pod obshch. red. M. I. TSareva. Moskva, Energiia, 1966, 287 p.

Nonbalance current of a longitudinal differential protection system. E. M. Fevzner. Izv. vys. ucheb. zav.; energ. 9 no. 6:1-7 Je '66.

Savost'yanov, A.I. [Peak current protection system] Maksimal'naya tokovaya zashchita. Moskva, Energiia, 1966, 68 p. (Biblioteka elektromontera, no. 181. Spravochnaya seriia)

ELECTRIC PUMPING MACHINERY see Pumping machinery, Electric

ELECTRIC RAILROADS

Improved calculation method for voltage losses and running time under electric traction conditions. M. M. Zhuravlev. Vest. TSNI MPS 25 no. 3:30-33 '66.

ELECTRIC RAILROADS—BIBLIOGRAPHY see Bibliography—Electric railroads

ELECTRIC RAILROADS—CURRENT SUPPLY

Improving the operation of the smoothing filters in traction substations. A. A. Snarskii, I. V. Legat. Avtom., telemekh. i svyaz' 10 no. 5:2-13 My '66.

New developments in the power supply to municipal electric transportation systems. M. Trugubenko. Zhil. i kom. khoz. 16 no. 7:20-30 Ji '66.

ELECTRIC RAILROADS—MAINTENANCE AND REPAIR

Answering queries. I. D. Antonuk. Put' i put. khoz. 10 no. 6:42 '66.

Reliability and periodicity of preventive maintenance of electric power supply systems. B. N. Kozlov. Vest. TSNI MPS 25 no. 3:33-36 '66.

ELECTRIC RAILROADS—POLES AND TOWERS

Digging holes by means of vibration puncturing. V. I. Kaluga and others. Transp. stroi. 16 no. 6:12-13 Je '66.

Taking into account the forces of frost heaving during the calculation of the fastening of supports for overhead contact systems. N. D. Merenkov. Transp. stroi. 16 no. 6:40-42 Je '66.

ELECTRIC RAILROADS—ROLLING STOCK

Semiconductor power transformers and their use in electric rolling stock. B. N. Tikhmenev. Vest. TSNI MPS 24 no. 3:11-15 '66.

ELECTRIC RAILROADS—SUBSTATIONS

Increasing the efficiency of the work of d.c. electrified lines. M. M. Zhuravlev. Zhel. dor. transp. 48 no. 5: 55-57 My '66.

ELECTRIC RAILROADS—TRAIN SPEED

Traction characteristics of multiple-unit electric trains for speeds ranging from 200 to 250 km per hour. L. V. Gatkin. Vest. TSNI MPS 25 no. 3:26-29 '66.

Traction parameters of high-speed rolling stock. Vest. TSNI MPS 25 no. 3:16 '66.

ELECTRIC RAILROADS—WIRES AND WIRING

Snarskii, A.A., and M. V. Markov. [Lines for automatic control, remote control, and communications in railroad transportation] Linii avtomatiki, telemekhaniki i svyazi na zheleznodorozhnom transporte. Izd. 2., perer. i dop. Moskva, Transport, 1966, 403 p.

ELECTRIC RAILWAY MOTORS

Effect of unit surface and volume losses on the collector and its monolithic characteristics on the formation of circle fires. B. R. Bondarenko, A. A. Surovnikov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:575-580 '66.

Traction characteristics of multiple-unit electric trains for speeds ranging from 200 to 250 km per hour. L. V. Gatkin. Vest. TSNI MPS 25 no. 3:26-28 '66.

ELECTRIC REACTORS

Determination of parameters and calculation of characteristics used in the study of transient processes in a reactor controlled electric drive. S. A. Zaborovskii. Trudy LPI no. 259:69-78 '65.

Some experimental studies of reactor controlled electric drives. S. A. Zaborovskii. Trudy LPI no. 259:46-50 '65.

ELECTRIC RELAYS

Bolarchenkov, M.A., and others. [Pulse-type controllers using contactless magnetic elements] Impul'snye regulatory na beskontaktnykh magnitnykh elementakh. Moskva, Energiia, 1966, 119 p. (Biblioteka po avtomatike, no. 186)

Get'fand, I.A.S., M. L. Golubev, and M. I. TSarev. [A.C. operational relay protection and electric and automatic control] Releinaia zashchita i elektroavtomatika na peremennom operativnom toke. Pod obshch. red. M. I. TSareva. Moskva, Energiia, 1966, 287 p.

Savost'yanov, A.I. [Peak current protection system] Maksimal'naya tokovaya zashchita. Moskva, Energiia, 1966, 68 p. (Biblioteka elektromontera, no. 181. Spravochnaya seriia)

ELECTRIC RELAYS—RELIABILITY

Increased reliability of transmitter relays. A. S. Kapusta. Avtom., telemekh. i svyaz' 10 no. 5:38-40 My '66.

ELECTRIC RELAYS—TESTING

Cathode-ray curve tracer for relay units. E. V. Bondarenko. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5: 531-537 '66.

ELECTRIC RELAYS—VIBRATION

Study of the vibration of electromechanical relays with smoothing stages during nonsinusoidal current flows. A. D. Drozdov, V. V. Mikhailov, I. I. Ivanov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:570-572 '66.

ELECTRIC RESISTORS

Calculating characteristics of saturation chokes. E. L. Oganesian. Izv. AN Arm. SSR. Ser. tekhn. nauk 19 no. 2:23-29 '66.

Il'inski, N.F. [Calculation and selection of resistances for electric motors] Raschet i vybor soprotivlenii dlia elektrodvigatelei. Izd. 2., perer. i dop. Moskva, Energiia, 1966, 70 p. (Biblioteka elektromontera, no. 188)

Lomanovich, A.A. [Handbook on radio components; resistors and condensers] Spravochnik po radiodetaliam; soprotivleniia i kondensatory. Moskva, DOSAAF, 1965, 61 p.

ELECTRIC SPARK

Effect of sparking and mechanism of the influence of elements on the results of the spectral analysis of alloys. I. U. M. Buravlev. Zav. lab. 32 no. 5:554-550 '66.

Effect of technological conditions of mechanized electric spark alloying on the quality of surfaces obtained. I. U. M. Petrov and others. Elek. obr. mat. no. 3:43-40 '65.

ELECTRIC SUBSTATIONS

Burguchev, S.S. [Electric power plants, substations and systems] Elektricheskie stantsii, podstantsii i sistemy. Izd. 2., perer. i dop. Moskva, Kolos, 1966, 687 p. (Uchebnyi i uchebnye posobie dlia vysshykh i sotsial'no-gumanitarnykh uchebnykh zavedenii)

Kokhan, N.D. [Organization and planning of electric equipment installation operations in the construction of 110-500 kv. thermal electric power plants and substations] Organizatsiia i planirovaniye elektromontaznykh rabot na stroitel'stve teplovykh elektrostantsii i podstantsii 110-500 kv. Moskva, Energiia, 1966, 206 p.

Using rotary machines for decreasing voltage nonsymmetry of the bus conductors of substations with nonsymmetrical loads. S. M. Rozhavskii. Izv. vys. ucheb. zav.; energ. 9 no. 5:8-14 My '66.

ELECTRIC SWITCHGEAR

Effect of the dimensions of the start contact plate on the contactor welding current. V. F. Reshetnikov. Elektrotehnika 37 no. 5:22-25 My '66.

Pneumatic drive for high-voltage switches. I. G. Korovin-kovskii. Elektrotehnika 37 no. 5:26 My '66.

Using noncontact radiolocalize transducers in track and end switches. A. A. Bobkov. Vest. mashinostr. 46 no. 5:51-53 My '66.

ELECTRIC TRANSFORMERS

Analysis of the forms of current and voltage curves of the output of a transformer-compensator of the active losses of the stator circuits of model synchronous generators. M. D. Nishanbaev. Izv. AN Uz. SSR. Ser. tekhn. nauk 10 no. 3:10-15 '66.

Device for automatically disconnecting an idle welding transformer. I. U. P. Vasil'ev. Energetik 14 no. 6: 27-28 Je '66.

Modeling of impulse overvoltages in an autotransformer. V. M. Pogostin, A. K. Lokhanin. Elektrotehnika 37 no. 5:14-18 My '66.

ELECTRIC TRANSFORMERS—COOLING

Hydraulic resistance of a natural circulation stage consisting of a transformer tank and radiator. I. U. A. Vasil'chenko, M. S. Babaritskaia, S. N. Suvorova. Elektrotehnika 37 no. 5:56-50 My '66.

ELECTRIC TRANSFORMERS—MAINTENANCE AND REPAIR

Ferbman, S.A., and A. I. Dun. [Repair and modernization of transformers] Remont i modernizatsiia transformatorov. Izd. 2., dop. Moskva, Energiia, 1966, 623 p. (Transformatory, no. 16)

ELECTRIC UTILITIES—RATES

Scale on discounts and additional rates for the power factor of electrical systems. Energetik 14 no. 6:34 Je '66.

The system of rates on electric power should be continuously improved. I. U. V. Bakhr. Prom. energ. 21 no. 5:18-21 My '66.

ELECTRIC WELDING

Device for automatically disconnecting an idle welding transformer. I. U. P. Vasil'ev. Energetik 14 no. 6: 27-28 Je '66.

Embrittling effect of a preliminary and accompanying heating in welding high-strength steel. V. N. Dobrov. Izv. vys. ucheb. zav.; mashinostr. no. 4:141-144 '66.

Ionization of the process of producing large-diameter pipe on machines of electric-arc welding under flux. G. Z. Tar'akovskii, A. M. Chugalka. Mol. i gor. prom. no. 3:40-43 My-Je '66.

Reconditioning the parts by submerged arc welding. V. Turenkov. Avi. transp. 44 no. 6:27-28 Je '66.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Built-up welding with a weaving arc and alternating current. N. Ryzhkov, M. Avdeev. Tekhn. sel'khoz. 25 no. 3:72-73 Mr '65.

ELECTRIC WIRES

Cables and wires for the installations of signaling and communication systems. E. G. Starev. Avtom., telemekh. i svyaz' 10 no. 5:46-48 My '66.

Ripman, L.S., V. I. Korolev, and V. M. TSesarskii. [Conducting materials for cables and wires] Provodnikovyie materialy dlia kabelei i provodov. Moskva, Energiia, 1966, 170 p.

Zolov, D.K. [Aluminum wires, cables and busbars] Aluminiemye provoda, kabeili i shiny. Moskva, Energiia, 1966, 84 p. (Biblioteka elektromontera, no. 187)

ELECTRIC WIRING

Do not overload the electric wiring of your apartment. Zhil. i kom. khoz. 16 no. 7:36 Ji '66.

Riabov, M.S., and L. A. Tshperman. [Electric part of lighting systems] Elektricheskaia chast' osvetitel'nykh ustanovok. Moskva, Energiia, 1966, 359 p.

ELECTRIC WIRING—COSTS

Kokhan, N.D. [Organization and planning of electric equipment installation operations in the construction of 110-500 kv. thermal electric power plants and substations] Organizatsiia i planirovaniye elektromontaznykh rabot na stroitel'stve teplovykh elektrostantsii i podstantsii 110-500 kv. Moskva, Energiia, 1966, 206 p.

ELECTRICITY—PHYSIOLOGICAL EFFECT

Role of electric and magnetic fields in the vital activity of biological organisms. I. K. Chernova. Elek. obr. mat. no. 3:64-70 '65.

ELECTRICITY, INJURIES FROM

Gurviel, N.L. [Electrotrauma; its prevention and the administration of first aid] Elektrotavma; profilaktika i okazanie pervoi pomoshchi. Izd. 2. Moskva, Meditsina, 1966, 34 p. (Nauchno-popul'narnaya meditsinskaya literatura) (DNIM)

Manolov, V.E. [Principles of electrical safety] Osnovy elektrobezopasnosti. Moskva, Energiia, 1966, 342 p.

ELECTRICITY IN AGRICULTURE

(see also subdivision under United States)
Minsk. Belarusskii inzhnirskii mekhanizatsiinyi sel'skoi khoz. zhurnal. [Problems of improving the mechanization of agricultural production] Problemy ucheniya mekhanizatsii sel'sko-khoziaistvennogo proizvodstva; sbornik nauchnykh trudov. Minsk, Urozhai, 1963, 108 p. (DNAI)

ELECTRICITY IN LUMBERING

Determining the effectiveness of the electrification of production processes in the lumbering industry. A. I. Ioffe. Trudy SSSR. KHE no. 1:49-90 '59.

ELECTRICITY IN MINING

Barlov, N.V. [Installation of a cable and the checking of its operational state] Montazh kabelei i proverka ego ispravnosti. Moskva, Nedra, 1966, 122 p.

Installation of longitudinal-capacitive compensation in power distribution networks in mines. O. V. Ivanov and others. Prom. energ. 21 no. 6:14-18 My '66.

ELECTRICITY IN PETROLEUM ENGINEERING

Phase characteristics of power amplifiers with ASM motors. T. I. Ivagin-zado. Izv. vys. ucheb. zav.; nef' i gaz. 9 no. 2:110 '66.

ELECTROACOUSTICS

Comparison of combined differential systems from the viewpoint of the possibility of satisfying the invariance conditions (opinion formed after consulting Academician B. N. Petrov). O. I. Ivakhnenko. Avtomatika 10 [1, 2, 11] no. 3:89-90 '66.

ELECTROCARDIOGRAPHY

- Changes in the cardiogram during tracheal intubation in patients with mitral stenosis. N. G. Tsybanova, V. A. Chibrikova. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:37-39 '65.
- Electrocardiography in the diagnosis of cardiac aneurysm. R. Z. Androv. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:116-122 '65.
- Reflexogenic area of the heart; potential possibilities and significance. B. S. Kulaev. Trudy Inst. fiziol. 11:91-112 '65.

ELECTROCHEMICAL ANALYSIS

- Coulometric determination of permanganate, dichromate, and ferric ions. P. S. Tulundzie, S. N. Medenovic. Zhur. anal. khim. 21 no. 5:500-502 '66.

ELECTROCHEMISTRY

- Influence of the nature of ligands on the exchange current value in the charge-exchange in chloride, bromide, and iodide complexes of bi- and tetravalent platinum. V. I. Kravtsov, B. V. Simakov. Elektrokhimia 2 no. 6: 646-651 Je '66.
- Semiconducting electrode catalysts. Part 3: Electrochemical reversibility of oxidation of $\text{Li}_2\text{Cu}(\text{C}_2\text{O}_4)_0$ solid solutions. E. G. Misiuk, O. K. Davtian, T. V. Prilma. Elektrokhimia 2 no. 6:603-607 Je '66.
- Studying the electrochemical interaction of arsenides which contact each other. L. K. Iakhtanova, A. P. Grudev. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3: 96-101 My '66.

ELECTRODES

- Approximate formula for semi-infinite cylindrical diffusion. I. M. Epshtein. Elektrokhimia 2 no. 6:734-736 Je '66.
- Electrodes coated with the "ShKh" steel powder. L. S. Liakhovich, V. V. Arkhipov, I. A. Rishchev. Prom. Bel. 9 no. 4:30-31 Ap '66.
- Kinetics of the selection of the liquid phase of an electrode substance for electric discharge conditions. A. G. Golovko. Izv. vys. ucheb. zav. i energ. 9 no. 6:83-88 Je '66.
- Layers near electrodes characterized by a sharp change of potential on "hot" electrodes. G. A. Lubimov. Teplofiz. vys. temp. 4 no. 1:120-132 Ju-F '66.
- Oscillographic measurement of concentration polarization from the inclusion curves. G. K. Stepanov, V. A. Gais. Trudy Inst. elektrokhim. UFAN SSSR no. 7:111-114 '66.
- Polarization of porous electrodes. Part 4: Effect of the solid phase resistance on the potential and current distribution in electrodes. V. S. Daniel'-Iok. Elektrokhimia 2 no. 6:672-677 Je '66.

ELECTRODES—CORROSION

- Corrosion of the graphite electrode in the electrolysis of aqueous solutions of sodium chloride in a bipolar electrolyzer. V. K. Beidin. Elektrokhimia 2 no. 6: 745-748 Je '66.

ELECTRODES, GLASS

- Electrode glasses for pH-measurements. A. S. Benovol'ski and others. Vest. LGU 21 no. 10:111-117 '66.

ELECTRODES, MERCURY

- Characteristics of the effect of iodine ions on the kinetics of electrode processes on bismuth amalgam. V. V. Gorodetskii, V. V. Losev. Elektrokhimia 2 no. 6:604-671 Je '66.
- Effect of halogen ions on the rate of electrode processes on the bismuth amalgam electrode. V. V. Gorodetskii, V. V. Losev. Elektrokhimia 2 no. 6:664-663 Je '66.
- Electric double layer capacitance on mercury in melts and concentrated solutions of nitrates. V. Sh. Palanker, A. M. Skundin, V. S. Bagotskii. Elektrokhimia 2 no. 6: 640-645 Je '66.

ELECTRODES, MOLYBDENUM

- Electrode potentials Mo/Mo^{2+} , Mo/Mo^{3+} , oxidation-reduction potential $\text{Mo}^{2+}/\text{Mo}^{3+}$, and equilibrium constants of the reaction $2\text{Mo}^{3+} + \text{Mo}^{2+} \rightleftharpoons 3\text{Mo}^{2+}$ in fused alkali metal chlorides as dependent on the radius of their cations. M. V. Smirnov, O. A. Ryzhik. Trudy Inst. elektrokhim. UFAN SSSR no. 7:27-35 '66.
- Equilibrium between molybdenum and its ions in fused cesium chloride. O. A. Ryzhik, M. V. Smirnov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:21-26 '66.

ELECTRODES, OXIDE

- Correlation between the omission of oxide cathodes and free alkaline-earth metal concentration. V. P. Vasil'ev, V. P. Pomozkov, V. M. Tartakovskii. Radiotekh. i elektron. 11 no. 7:1332-1334 Ji '66.
- Determination of excessive barium in a system of "double" oxide coated cathodes. V. P. Vasil'ev, V. M. Tartakovskii. Radiotekh. i elektron. 11 no. 7: 1331-1332 Ji '66.

ELECTRODES, PLATINUM

- Electrode polarization in solid electrolytes. Determination of the potential of oxygen electrodes on platinum under polarization current. M. V. Perfilov, S. F. Pal'guov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:137-142 '65.
- Electrode polarization in solid electrolytes. Polarization of platinum-oxygen electrodes. M. V. Perfilov, S. F. Pal'guov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:163-168 '65.

- Polarization of an oxygen electrode in a solid electrolyte. A. T. Filiaev, S. V. Karpachev, S. F. Pal'guov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:139-174 '65.
- Use of the oxygen reference electrode in fused carbonates. I. N. Orzhanina and others. Trudy Inst. elektrokhim. UFAN SSSR no. 7:91-95 '65.

ELECTRODES, TITANIUM

- Electrode potentials of titanium in fused alkali metal chlorides. N. A. Loghinov, M. V. Smirnov, B. G. Rossokhin. Trudy Inst. elektrokhim. UFAN SSSR no. 7:9-16 '65.

ELECTROENCEPHALOGRAPHY

- Alternating type of the reaction of neurons of the posterior corpus bigeminum in cats to acoustic stimulation. I. A. Altman. Zhur. vys. nerv. deiat. 16 no. 3:531-534 My-Je '66.
- Changes in the EEG in rabbits during the effect of a permanent magnetic field. R. A. Chizhenkova. Biol. eksp. biol. i med. 61 no. 6:11-15 Je '66.
- Changes in the electroencephalogram during the orienting and food-procuring conditioned reflexes to a chin stimulus in rabbits. L. G. Voronin, G. Apostol, L. V. Kaluzhnyi. Zhur. vys. nerv. deiat. 16 no. 3:395-403 My-Je '66.
- Characteristics of the effect of adrenaline on the EEG of the cerebral cortex in dogs of different ages. V. D. Rozanova. Biol. eksp. biol. i med. 61 no. 5:11-15 My '66.
- Connection between indices of the higher nervous activity based on EEG data and dynamic correction test. V. S. Mozhkevich, S. Zh. Tiulin. Zhur. vys. nerv. deiat. 16 no. 3:547-549 My-Je '66.

- Connections of symmetric parts of the frontal and occipital areas of the cortex cerebri in man based on data of electroencephalogram crosscorrelation. O. M. Grindel. Zhur. vys. nerv. deiat. 16 no. 3:458-460 My-Je '66.

- Device for automatic measuring of the functions of the distribution of instant values of the EEG signal. E. I. Volynskii. Biol. eksp. biol. i med. 61 no. 5:118-120 Je '66.

- Electrophysiological characteristics of the representation of the acoustic analyzer of the brain in birds. V. D. Il'ichev. Zhur. vys. nerv. deiat. 16 no. 3:481-485 My-Je '66.

- Electrophysiological study of temporary summation in different parts of the auditory system in cats. G. A. Vardapetian. Zhur. vys. nerv. deiat. 16 no. 3:470-479 My-Je '66.

- Mechanisms of interocclusion of the uterus. L. I. Lebedeva. Trudy Inst. fiziol. 11:213-224 '65.

- "Resonance tuning" of the cerebral analyzer system as the result of the differentiation of signals. H. G. Kratin. Zhur. vys. nerv. deiat. 16 no. 3:426-438 My-Je '66.

- Restoration cycles of evoked potentials at different levels of the visual cortex in rabbits. A. I. Supin. Zhur. vys. nerv. deiat. 16 no. 3:496-505 My-Je '66.

- Role of cortical structures in phase shifts of the vasomotor reflexes in hypothermia. T. V. Popova. Trudy Inst. fiziol. 11:301-315 '65.

- Separate computer for automatic measurement of EEG average frequency. E. I. Volynskii, V. A. Prilanshkov. Zhur. vys. nerv. deiat. 16 no. 3:559-563 My-Je '66.

- Simple analyzer of low frequencies for studying the reactions of the brain to rhythmic stimuli. V. A. Il'inskii. Zhur. vys. nerv. deiat. 16 no. 3:564-570 My-Je '66.

- Some principles of the classification of evoked potentials. M. S. Myslobodskii. Zhur. vys. nerv. deiat. 16 no. 3: 510-530 My-Je '66.

- Study of spatial correlation of cortical biopotentials in rabbits under isolated stimulations of different modalities. T. A. Korol'kova and others. Zhur. vys. nerv. deiat. 16 no. 3:489-495 My-Je '66.

ELECTROFORMING

- Studying the electric erosion phenomenon at the surface of a two-layer electrode. I. G. Nekrashevich, I. A. Bakuto. Elek. obr. mat. no. 3:24-26 '65.

ELECTROLUMINESCENCE

- Electroluminescence of zinc sulfide as a recombination controlled by an electric field. F. I. Kolomoitsev, V. M. Korsun. Opt. i spekt. 20 no. 5:850-865 My '66.
- Polarization effects in the electroluminescence of anode oxide films. M. I. Eldelberg. Opt. i spekt. 20 no. 5: 866-873 My '66.

ELECTROLYSIS

- Anodic dissolution of tantalum in fused chloride and chloride-fluoride electrolytes. L. E. Ivanovskii, V. N. Diev. Trudy Inst. elektrokhim. UFAN SSSR no. 7:73-76 '65.

- Corrosion of the graphite electrode in the electrolysis of aqueous solutions of sodium chloride in a bipolar electrolyzer. V. K. Beidin. Elektrokhimia 2 no. 6: 745-748 Je '66.

- Effect of addition agents and electrolysis conditions on the amount of iron in iron coatings and on iron current efficiency and yield of gaseous hydrogen. M. M. Lekhiktonov. Trudy Tadzh. sel'khoz. inst. 7:3-10 '65.

- Effect of the conditions of electrolysis on the structure of zirconium deposits. Part 3: Role of the valence state of zirconium in a melt. A. N. Baraboshkin, K. P. Lebedeva. Trudy Inst. elektrokhim. UFAN SSSR no. 7: 59-67 '65.

- Electrode processes in the electrolysis of lanthanum in fused chloride electrolytes. I. U. N. Krasnov, M. V. Smirnov, V. E. Komarov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:37-45 '65.

- Electrolysis of chloride melts with soluble anodes of a mixture of NbO and carbon. L. E. Ivanovskii, A. P. Plekhanov. Trudy Inst. elektrokhim. UFAN SSSR no. 7: 77-81 '65.

- Formation of nuclei of a crystal in the electrolysis of fused salts. Part 2: Electrolysis of pure fused silver nitrate. A. N. Baraboshkin, L. T. Kostikhin, N. A. Salykova. Trudy Inst. elektrokhim. UFAN SSSR no. 7:47-50 '65.

- Voltage losses in the gas layer at the graphite anode surface in the electrolysis of table salt solution. V. L. Kubasov, G. I. Volkov. Elektrokhimia 2 no. 6:718-722 Je '66.

- Wear resistance of internal electrolytic iron coatings of cylinders. Sh. Z. Zakirov. Trudy Tadzh. sel'khoz. inst. 7:43-45 '65.

ELECTROLYTE METABOLISM

- Effect of the change in water and salt metabolism on the reception of the digestive tract. I. P. Nikitina. Trudy Inst. fiziol. 11:246-257 '65.

ELECTROLYTE SOLUTIONS—THERMODYNAMICS

- Theoretical study of the thermodynamic properties of strong electrolyte solutions by the Monte Carlo method. P. N. Vorontsov-Vel'minov, A. M. El'iashevich, A. K. Kron. Elektrokhimia 2 no. 6:708-716 Je '66.

- Thermodynamic properties of electrolyte ternary solutions. Part 1. M. S. Stakhonova and others. Zhur. fiz. khim. 40 no. 5:1028-1033 My '66.

ELECTROLYTES

- Composition of the supporting electrolyte and its effect on the anodic peaks of certain elements being determined. A. I. Kamenev and others. Zhur. anal. khim. 21 no. 5: 535-541 '66.

- Physicochemical processes in the system $\text{CaO} - \text{SiO}_2 - \text{H}_2\text{O}$ - electrolytes. P. P. Budalov, R. D. Azelt'skaya, N. A. Prkhodchenko. Zhur. prikl. khim. 39 no. 5: 1188-1190 My '66.

ELECTROLYTIC CELLS

- Characteristics of a galvanic cell with a solid electrolyte having a partial electronic conductivity. V. N. Choboin, S. V. Karpachev, S. F. Pal'guov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:117-156 '65.

ELECTROLYTIC CELLS—DESIGN AND CONSTRUCTION

- Drobnis, V. F., and S. E. Geffer. [Technology and operation of the anode of an aluminum electrolytic cell with current supply from the top] Tekhnologiya i obsluzhivanie anoda aluminiyevogo elektrolizera s verkhnim tokopodvodom. Moskva, Metallurgiya, 1965, 96 p.

ELECTROLYTIC OXIDATION see Oxidation, Electrolytic

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC FIELDS

- Polarization state of bosons having no rest mass. I. U. A. Popov. Trudy Un. druzh. nar. 11. Fiz. no. 1:113-117 '63.

ELECTROMAGNETIC PUMPS

- Third conference on the use of electromagnetic hydrodynamics in industry. P. O. Korostik. Met. i gor. prom. no. 3:94 My-Je '66.

ELECTROMAGNETIC THEORY

- General theory of electromagnetic fluctuations. V. P. Milant'ev. Trudy Un. druzh. nar. 11. Fiz. no. 1:93-98 '65.

ELECTROMAGNETIC WAVES

- Excitation of a spirally-anisotropic plane by a vertical dipole. A. B. Goroshechala. Radiotekhnika 21 no. 5: 11-18 My '66.

- Excitation of magnetoclastic waves. A. G. Gurevich and others. Izv. AN SSSR. Ser. fiz. 30 no. 6:1002-1007 Je '66.

- Inverse problem of the theory of dispersion. D. I. Mirovitskii. Radiotekh. i elektron. 11 no. 7:1180-1180 Ji '66.

- Mixing of electromagnetic waves by a nonlinear crystal. B. V. Bokut', A. G. Khatkevich. Zhur. prikl. spekt. 4 no. 5:455-458 My '66.

- Propagation of electromagnetic waves in a medium with specific inductive capacitance $\epsilon(z) = \epsilon_0 + \epsilon_1 z$, excited by sources in the form of glowing filaments. B. T. Kormilitakh. Radiotekh. i elektron. 11 no. 8:1130-1134 Je '66.

- Propagation of electromagnetic waves with superflow frequency in ionospheric plasma. V. I. Aksenov. Radiotekh. i elektron. 11 no. 8:1030-1035 Je '66.

- Radiation of electromagnetic waves during the motion of an electron flow above a lattice lying on the boundary of a semi-infinite anisotropic dielectric. V. A. Baragamian and others. Radiotekh. i elektron. 11 no. 7:1238-1247 Ji '66.

- Some possible experiments for checking the isotopic structure of electromagnetic interaction. V. G. Grishin and others. Izd. fiz. 4 no. 1:126-129 Ji '66.

- Theory of "photon echo." O. I. Lvov. Vest. LGU 21 no. 10:149-151 '66.

ELECTROMAGNETIC WAVES—DIFFRACTION

Reduction of problems of diffraction on open surfaces to integral equations of the second order. I.A.N. Fel'd, I.V. Sukharevskii. Radiotekhnika i elektronika. 11 no. 7: 1159-1168. 1966.

ELECTROMAGNETIC WAVES—SCATTERING

Scattering of a plane electromagnetic wave on several spheres. E.A. Ivanov. Difr. urav. 2 no. 6:826-846. 1966.

ELECTROMAGNETS

Calculation of the dynamic characteristics of electromagnets. D.I. Baishchev. Elektrotehnika 37 no. 5: 53-55. 1966.

Effect of core oscillations on the parameters of an induction coil. N.A. Zolotarev. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:524-530. 1966.

Gel'man, R.E. [Magnetic starters] Magnitnye puskateli. Moskva, Energiya, 1966. 53 p. (Biblioteka elektromotora, no. 194. Spravochnaya seriya)

ELECTROMAGNETS—WINDINGS

Compounding of electromagnet windings. A.I. Koliassov. Energetik 14 no. 6:28. 1966.

ELECTROMETALLURGY

Mikul'skii, A.S. [Electrometallurgical processes] Protsessy rudnoi elektrometallurgii. [Moskva] Metallurgiya, 1966. 280 p.

Programmed control of the process of electric slag metal remelting. V.E. Pirozhnikov, V.A. Kolchakov, M.A. Malinenko. Mekh. i avtom. proizv. 20 no. 6:7-9. 1966.

ELECTROMETER

Determination of the capacitance of a linear electrometer. V.S. Ivanov, K.L. Kulikovskii. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:553-558. 1966.

ELECTROMOTIVE FORCE

Characteristics of a galvanic cell with a solid electrolyte having a partial electronic conductivity. V.N. Chebotin, S.V. Karpachev, S.F. Pal'guyev. Trudy Inst. elektrokhim. UFAN SSSR no. 7:147-156. 1965.

Contact potential difference of cerium dioxide in the presence of O_2 , O_2+CO and O_2+CO_2 . V.A. Liando. Khim. i tekhn. 7 no. 3:475-479. 1966.

ELECTROMYOGRAPHY

Bioclectrical activity of antagonist muscles in the course of the formation of a motor habit. T.S. Kh. Bratanova. Zhur. vys. nerv. deiat. 16 no. 3:411-416. 1966.

Diagnostic significance of some methods of electromyography in infectious lesions of the nervous system in children. Z.Kh. Manovich. Zhur. nevro. i psikh. 66 no. 7:1004-1009. 1966.

Effect of thermal and mechanical stimulation of the rumen in sheep on gas exchange and electric activity of the skeletal muscles. A.F. Davydov, G.D. Romanovskaya. Trudy Inst. fiziol. 11:175-181. 1965.

Electrophysiological study of the effects from mechanoreceptors and chemoreceptors of the internal organs on skeletal muscles. O.S. Merkulova. Trudy Inst. fiziol. 11:133-142. 1965.

ELECTRON BEAMS

Electronic modeling of long electron beams, taking into account the space charge in a system with quadrupole lenses. V.M. Razin, N.V. Trikhanova. Radiotekhnika 21 no. 5:62-66. 1966.

ELECTRON DIFFRACTION EXAMINATION

Electron diffraction study of the structure of dimethylamidochlorophosphine and dimethylamidodichlorophosphine oxide molecules in the vapor state. L.V. Vitkov. AN SSSR 168 no. 4:810-813. 1966.

film on beryllium. L.D. Kozlov. Fiz. met. i metallov. 20

y of the epidermis in man. Khalilova. Arkh. anat., gist. i

brass. V.V. Chervyakova, i. met. i obog. AN Kazakh. SSR

int cells and tissues cultivated lection of adequate fixation cultures. P.H. Sydorenko, zhur. 23 no. 3:117-119. 1966.

domains in iron, nickel, trenskii and others. Izv. AN 039-1041. 1966.

domains in iron-nickel films. Izv. AN SSSR. Ser. fiz. 30

of clay systems. A.K. Mizerzh. khim. zhur. no. 2:127-

local systems with considerable-order aberrations. I.N. skron. 11 no. 7:1329-1330

Electronic modeling of long electron beams, taking into account the space charge in a system with quadrupole lenses. V.M. Razin, N.V. Trikhanova. Radiotekhnika 21 no. 5:62-66. 1966.

"Lecture course in electron optics" by N.S. Zhenchenko. V.S. Lukoshkov and others. Usp. fiz. nauk 89 no. 1: 175-179. 1966.

Measurement of the signal-to-noise ratio electron-optical amplifiers. L.A. Pelyai, G.A. Gavrilov, S.B. Gurevich. Radiotekhnika i elektronika. 11 no. 7:1327-1329. 1966.

ELECTRON PARAMAGNETIC RESONANCE

Electron paramagnetic resonance of Cu^{2+} in danburite. L.V. Bershov, A.S. Marfuntin. Geokhimiya no. 10:1259-1260. 1966.

Electron paramagnetic resonance of Er^{3+} ions in zircon crystals of $ZrSiO_4$. R.M. Valishev and others. Geokhimiya no. 10:1265. 1966.

Electron paramagnetic resonance method of detection of the OH radical in a rarefied carbon monoxide flame with small admixtures of hydrogen. I.U. M. Gershenzon and others. Dokl. AN SSSR 168 no. 4:551-553. 1966.

Electron paramagnetic resonance of adsorbed chlorophyll. L.I. Nekrasov, M. Kalvin, M. Singleton. Zhur. fiz. khim. 40 no. 5:1015-1019. 1966.

Electron paramagnetic resonance spectra of radical anions obtained in the electrochemical reduction of nitrocyelopropene, nitroalkanes, and nitroalkynes. A.I. Prokof'ev and others. Izv. AN SSSR. Ser. khim. no. 6:1105-1107. 1966.

Mn^{2+} electron paramagnetic resonance in tremolite. L.V. Bershov, A.S. Marfuntin, R.M. Minceva. Geokhimiya no. 4:464-468. 1966.

Paramagnetic effect due to high-frequency pressure, and electron paramagnetic resonance in a plasma. V.M. Glagolev, I.N. Khromkov, N.S. Cheverev. Atom. energ. 20 no. 5:401-407. 1966.

Structure of π -complexes formed by ions of d-family elements and olefins. Part 1. V.A. Tulupov, D.N. Shigorin, N.V. Verein. Zhur. fiz. khim. 40 no. 5: 1020-1025. 1966.

Study of free radicals in natural coals and semicokes by means of electron paramagnetic resonance. A.A. Sidorov, V.F. Amfrenko. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:155-159. 1966.

Study of oxygen adsorption on titanium dioxide by means of electron paramagnetic resonance. Lu Tun-shin [Lu Tung-shing]. Vest. LGU 21 no. 10:45-50. 1966.

Study of the behavior of hydrogen and oxygen atoms and reaction products by the electron paramagnetic resonance method in a rarefied hydrogen sulfide flame. G.A. Sachlan, A.B. Nalbandin. Arm. khim. zhur. 19 no. 2:135-139. 1966.

ELECTRON-TUBE AMPLIFIERS see Amplifiers, Electron-tube

ELECTRON-TUBE OSCILLATORS see Oscillators, Electron-tube

ELECTRON TUBES—SAFETY MEASURES

Use of a voltmeter in measuring the filament potential of the tubes of the EV-80 electronic computer. I.A. Fel'dman. Vest. stat. no. 7:70-71. 1966.

ELECTRON TUBES—TESTING

Punched cards for checking the rod lamps of 42R1 and 04R1 transmitter-receiver sets. P.O. Raimerman. Avtom., telem. i svyaz' 10 no. 5:43. 1966.

ELECTRONEGATIVITY

Relationship between the density of oxides and electronegativity of oxide-forming elements. A.N. Tsybrskii, D.M. Kolotylo. Dop. AN URSR no. 6:785-787. 1966.

ELECTRONIC ANALOG COMPUTERS

Principles of the construction of an analog computer for controlling control objects. E.V. Chaprianov. Probl. teplotnerg. i prikl. teplotfiz. no. 2:216-222. 1965.

ELECTRONIC APPARATUS AND APPLIANCES—ABSTRACTS

[Electronics and its applications] Ref. zhur.; Elok, 1 see prim. nos. 5-8. My-Je '66. Predmetnyi ukazatel' za 1965 g. Permutatsionnyi ukazatel' za 1966 g. (Probnii vypusk)

ELECTRONIC COMPUTERS

Algorithm for sorting physical data. R.G. Ofengenden. Kibernetika no. 1:97-99. 1966.

Separate computer for automatic measurement of EEG average frequency. E.I.A. Volkenskii, V.A. Priantekhov. Zhur. vys. nerv. deiat. 16 no. 3:558-563. 1966.

Use of a voltmeter in measuring the filament potential of the tubes of the EV-80 electronic computer. I.A. Fel'dman. Vest. stat. no. 7:70-71. 1966.

ELECTRONIC COMPUTERS—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref. zhur.; Avtom., telem. i vych. tekhn. no. 6. Je '66. Predmetnyi ukazatel' za 1965 g.

[Journal of abstracts: Cybernetics] Ref. zhur.; Kib. Predmetnyi ukazatel' za 1965 g.

ELECTRONIC COMPUTERS—CIRCUITS

Apoklin, I.A. [Technology of the manufacture of ferronagnetic films] Tekhnologiya izgotovleniya ferronagnitnykh plenok. Moskva, Energiya, 1966. 70 p. (Biblioteka po avtomatike, no. 176)

ELECTRONIC CONTROL

Regulator of the consumption of components of agglomerate charge by weight. T.D. Belikova, V.A. Syromiatnik. Mekh. i avtom. proizv. 20 no. 6:36-37. 1966.

ELECTRONIC DATA PROCESSING

Evaluation of optimal values of the parameters of one-stage systems processing operational data. A.S. Podkov, Avtomatika 10 [Sov. 11] no. 3:35-41. 1966.

Platinskii, I.A. [Information systems in technology and economics] Informatsionnye sistemy v tekhnike i ekonomike. [Moskva] Mosk. rabochii, 1966. 173 p.

ELECTRONIC DATA PROCESSING—DIAGNOSIS

Selection of a complex of acute surgical diseases of organs of the abdominal cavity for making diagnoses with the aid of an electronic computer. A.F. Khalil'dzhinov. Vop. vych. mat. i tekhn. no. 7:77-84. 1965.

ELECTRONIC DATA PROCESSING—DICTIONARIES

Morozenko, V.V., and I.F. Turuk, comp. [Concise English-Russian dictionary on automatic information handling] Kratkiy anglo-russkiy slovar' po avtomaticheskoi obrabotke informatsii. Pod obshch. red. M.A. Koroleva. Moskva, Mosk. ekonomiko-stat. in-t, 1965. 32 p.

ELECTRONIC DATA PROCESSING—DIFFERENTIAL EQUATIONS

Use of an electronic digital computer M-20 in determining the roots of a secular equation. Kh. Igdyrov. Vop. vych. mat. i tekhn. no. 7:33-42. 1965.

ELECTRONIC DATA PROCESSING—DIFFERENTIAL EQUATIONS, LINEAR

Solutions to systems of ordinary linear differential equations of the second order by Taylor expansion using an electronic computer. Vop. vych. mat. i tekhn. no. 7:59-67. 1965.

ELECTRONIC DATA PROCESSING—ELECTRIC POWER DISTRIBUTION

Akademika nauk URSR, Kiev. [Modeling and automation of electrical systems] Modelirovaniye i avtomatizatsiya elektricheskikh sistem. [Kiev, Naukova dumka, 1966] 186 p. (Respublikanskiy mezhdunarodnyy sbornik: Problemy tekhnicheskoi elektrifikatsii)

Selection of a method for calculating internal overvoltages using digital computers. K.P. Kadomskaya, I.V. Markovskaya. Izv. vys. ucheb. zav.; energ. 9 no. 5: 13-21. 1966.

ELECTRONIC DATA PROCESSING—ELECTRIC POWER PLANTS

Akademika nauk SSSR, Sibirskoe otdeleniye, Energeticheskii Institut. [Use of mathematical modeling in the selection of the parameters of thermal power systems] Primenenie matematicheskogo modelirovaniya pri vybere parametrov teploenergeticheskikh ustanovok. Moskva, Nauka, 1966. 173 p.

ELECTRONIC DATA PROCESSING—FURNACES

Analysis and effectiveness of using double-grid screens in gas-fired boiler furnaces using electronic digital computers. I.A. Sigal, O.I. Koshov, Energetika i elektrosnabzheniye 12 no. 6:26-29. 1966.

ELECTRONIC DATA PROCESSING—GARMENT CUTTING

Concerning a certain algorithm for cutting piece goods for laying up. I.I. S. Pavlenko. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 2:165-169. 1966.

Some calculations in the accounting for fabric utilization in cutting with the use of electronic computers under centralization conditions. Z.I. Zhitlavaya. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 2:32-40. 1966.

ELECTRONIC DATA PROCESSING—HYDROMETEOROLOGY

Preparation of results of hydrometeorological observation for processing on an electronic computer. N.K. Khudin. Meteor. i gidrol. no. 6:53-56. 1966.

ELECTRONIC DATA PROCESSING—INDUSTRIAL MANAGEMENT

Important means for improving the efficiency of production. N. Vertikhin. Vest. stat. no. 6:3-8. 1966.

Use of mathematical economics methods and electronic computers in industrial management. K. Gorfman, A. Modin. Vop. ekon. no. 6:155-157. 1966.

ELECTRONIC DATA PROCESSING—INDUSTRIAL PROCEDURE

Istomik, L.I., and D.T. Novikov. [Mathematical methods in the practice of managing the supply and sale of materials and equipment] Matematicheskie metody v praktike upravleniya material'no-tekhnicheskimi snabzheniem i sbitom. Moskva, Ekonomika, 1966. 126 p.

ELECTRONIC DATA PROCESSING—LAW

Some ways to improve the registration of normative acts. S.S. Moskvina. Sov. gos. i pravo 36 no. 7:76-82. 1966.

- ELECTRONIC DATA PROCESSING—MEASUREMENT**
Self-correcting measuring system. G. N. Molchanov, N. G. Nizanzin. Vop. vych. mat. i tekhn. no. 7:90-97 '65.
- ELECTRONIC DATA PROCESSING—METAL CUTTING**
Automatic preparation of production for program controlled machine tools. I. A. III. Shats, R. E. Safranov, B. A. Goncharenko. Mekh. i avtom. protzv. 20 no. 8: 49-52 Je '66.
Using electronic computers in calculating cutting conditions in multicut cutting. V. I. Shikhov, L. I. Stevbn. Mekh. i avtom. protzv. 20 no. 8:47-49 Je '66.
- ELECTRONIC DATA PROCESSING—MINE VENTILATION**
Algorithm and programming of the calculation of complex ventilation systems by means of electronic digital computers. F. A. Abramov, R. B. Tian, B. I. A. Potenkin. Ugol' Ukr. no. 6:46-47 Je '66.
- ELECTRONIC DATA PROCESSING—OIL HYDRAULIC MACHINERY**
Using electronic computers in selecting optimal parameters of a hydraulic torque converter with a centrifugal turbine. V. A. Alifin, S. V. J. 'vov. Vest. mashinost. 46 no. 6:12-17 Je '66.
- ELECTRONIC DATA PROCESSING—ORE DEPOSITS**
Theory of ore formation and cybernetics. R. M. Konstantinov. Priroda 55 no. 6:45-51 '66.
- ELECTRONIC DATA PROCESSING—PERLITE**
Using electronic digital computers to obtain expanded perlite of a given quality. A. E. Rokhvargher, Strol. mat. 12 no. 2:30-31 F '66.
- ELECTRONIC DATA PROCESSING—PETROLEUM PRODUCTION**
Determining probability characteristics (reliability boundaries) of information flows in an overall automated petroleum production enterprise. A. A. Abdulinov, M. I. A. Ginzburg, G. A. Kaplan. Za tekhn. prog. 4 no. 11:12-16 N '64.
- ELECTRONIC DATA PROCESSING—PLANNING**
Use of electronic computers for the calculation of the national economic balance. L. Babashkin. Plan. khoz. 43 no. 6:39-40 Je '66.
- ELECTRONIC DATA PROCESSING—POLYNOMIALS**
Use of a "Ural-1" machine in determining the roots of an algebraic polynomial. Kh. Kudyrov. Vop. vych. mat. i tekhn. no. 6:3-13 '65.
- ELECTRONIC DATA PROCESSING—PRICES**
Belkin, V. D., and N. I. Buzova. [Economic methods of management and price review] Ekonomicheskii metody khoz. iatsvennogo rukovodstva i perspektiv. [Moskva, Ekonomika, 1966] 21 p. (Ekonomisty o novoi khoz. iatsvennoi reforme v SSSR, no. 7)
- ELECTRONIC DATA PROCESSING—PRODUCTION CONTROL**
Use of the indexing method and an electronic computer in determining the dynamics of production of motor lorries. Z. Abnarov. Vop. vych. mat. i tekhn. no. 7:68-77 '65.
- ELECTRONIC DATA PROCESSING—RADIOTHERAPY**
Use of electronic computers and methods of linear programming for the selection of optimal conditions for large focus skin distance radiation therapy. L. I. A. Klepper. Med. rad. 11 no. 5:8-15 My '66.
- ELECTRONIC DATA PROCESSING—RAILROADS—HUMP YARDS**
Use of electronic digital computers in work plan calculations for classification yards. N. V. Parkhomenko. Vest. TSNII MPS 25 no. 3:57-60 '66.
- ELECTRONIC DATA PROCESSING—RAILROADS—TRAFFIC**
Plotting of single-track nonparallel train sheets. V. K. Suvorov. Vest. TSNII MPS 25 no. 3:53-57 '66.
- ELECTRONIC DATA PROCESSING—ROLLING (METAL—WORK**
Automation of the screwdown gear of a reversing mill with a computation of the reducing program in rolling. I. A. Dyehkov and others. Mekh. i avtom. protzv. 20 no. 8:32-33 Je '66.
- ELECTRONIC DATA PROCESSING—SAMPLING (STATISTICS)**
Use of a multipurpose electronic computer for statistical data processing. S. Abramov, P. Pollakov. Vest. stat. no. 6:59-74 '66.
- ELECTRONIC DATA PROCESSING—SCHEDULING (MANAGEMENT)**
Belova, L. D., and others. [Network planning and management] Selevoopladirovani i upravleniye. Moskva, Znaniye, 1966. 45 p. (Novoe v zhizni, nauka, tekhnika, III Seriya: Ekonomika, no. 12)
- ELECTRONIC DATA PROCESSING—SPECTRUM, SOLAR**
Using electronic digital computer in correcting the profiles of spectral lines for the error of the instrumental contour. E. A. Gurtovenko. Astron. zhur. 43 no. 3:659-660 My-Je '66.
- ELECTRONIC DATA PROCESSING—STABILITY OF SHIPS**
Bragman, V. I. [Solution of problems in ship statics by the use of electronic computers] Reshenie zadach statiki korabla na EVM. Leningrad, Sudostroenie, 1966. 210 p.
- ELECTRONIC DATA PROCESSING—TRUSSES**
Algorithm for the calculation of statically indeterminate trusses of minimum volume with an electronic digital computer using the method of consecutive approximations. M. Akhmadaliev. Izv. AN Uz. SSR, Ser. tekhn. nauk 10 no. 3:36-42 '65.
- ELECTRONIC DATA PROCESSING—TURBOMACHINES**
Calculational check of axial-flow turbomachines in the framework of the theory of cylindrical stages for an ideal gas using the BESM-2M computer. I. A. Strelkin. Energomashinoostroenie 12 no. 6:8-13 Je '66.
- ELECTRONIC DATA PROCESSING—WAGES**
Using electronic computers for automatic calculations of wages. B. V. Pashkevich, T. K. Kozhemiak, L. I. Kaplenko. Prom. Bel. 9 no. 1:27-28 Ap '66.
- ELECTRONIC DIGITAL COMPUTERS—CIRCUITS**
Krug, E. K., T. M. Aleksandridi, and S. N. Diligenski. [Digital controllers] Tsifrovyye regulatory. Moskva, Energiya, 1966. 503 p.
- ELECTRONIC DIGITAL COMPUTERS—RELIABILITY**
Pudintsev, N. D. [Equipment check of digital control computers] Apparatnyi kontrol' upravlyalushchikh tsifrovyykh vychislitel'nykh mashin. Moskva, Sovetskoe radio, 1966. 424 p.
- ELECTRONIC INDUSTRIES** see subdivision under Latvia
- ELECTRONIC INSTRUMENTS**
Automatic control of part dimensions. I. M. Solomen-tsev. Mekh. i avtom. protzv. 20 no. 6:28-30 Je '66.
- ELECTRONIC MEASUREMENTS**
Device for studying the kinetics of heterogeneous processes with automatic weight control of the solid phase. O. G. Katsnel'son, D. I. Gamburg. Zav. lab. 32 no. 6:24-25 '66.
- ELECTRONICS**
Pavlov, I. D., and A. B. Gordin. [A wonderful assistant] Chudesnyi pomoshchnik. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 169 p.
Serving the motherland. S. Shatilov. Radio no. 5:8-9 My '66.
- ELECTRONICS—ABSTRACTS**
[Electronics and its applications] Ref. zhur.: Elek. i ee prim. nos. 5-6 My-Je '66. Predmetnyi ukazatel' za 1965 g. Permutatsionnyi ukazatel' za 1966 g. (Probnyyi vynyusk)
- ELECTRONS**
Average ranges of electrons generated by γ quanta in aluminum and graphite. A. K. Kaminskii. Trudy Un. druzh. nar. 11, Fiz. no. 1:120-132 '65.
Calculation of the yield and mean-square angle of deflection of positrons in a case when electrons pass through thick foils. A. V. Baulin, O. S. Koltman. Atom. energ. 20 no. 5:423 My '66.
Catalytic properties of iron-nickel catalysts as dependent on their electronic structure. R. F. Lavrentovich, M. T. Rusov, I. N. Artukh. Klin. i kat. 7 no. 3: 553-556 My-Je '66.
Characteristics of phonon drag during a supersonic electron drift. V. P. Kalashnikov. Fiz. met. i metalloved. 10 no. 1:3-8 Ji '64.
Comparing the energy of a packing defect with the electron structure of the metal. N. I. Noskova, V. A. Pavlov, S. A. Nemnovov. Fiz. met. i metalloved. 20 no. 6:920-924 D '65.
Corpuseular hypothesis of ionization of the nocturnal ionosphere. L. A. Antonova, G. S. Ivanov-Kholodnyi. Ion. issl. no. 14:9-12 '65.
Dispersion of surface plasma waves in metals. G. A. Bogdashvili, A. L. Serebriakina. Fiz. met. i metalloved. 20 no. 6:933-934 D '65.
Electronic structure and properties of cumulated systems. Part 8: Theoretical investigation of ionization potentials, affinity to electron, and energy gap in π -electron spectra of carbon and phthalocyaninometal-oxanes. N. A. Popov, E. M. Shustorovich. Zhur. struk. khim. 7 no. 2:238-261 Mr-Ap '66.
Measuring the coefficient of adhesion of thermalized electrons in oxygen and in the air. V. B. Brodskii, S. E. Zagik. Zhur. tekhn. fiz. 36 no. 4:672-678 Ap '66.
Measuring the electron temperature in a low-voltage cesium arc. I. K. Gus'kov and others. Zhur. tekhn. fiz. 36 no. 4:753-755 Ap '66.
Nature of excited electronic states and the luminescence of molecules. R. N. Nurmagametov, V. G. Plotnikov, D. N. Shigorin. Zhur. fiz. khim. 40 no. 5:1134-1157 My '66.
Studying the electron structure of molybdenum-tungsten alloys. D. F. Kalinovich and others. Fiz. met. i metalloved. 20 no. 6:937-939 D '65.
- ELECTRONS—CAPTURE**
Capture of charged particles during pulse injection into a trap with stationary fields. B. S. Akshanov, I. A. Volkolupov, K. D. Sineilnikov. Zhur. tekhn. fiz. 36 no. 4:603-607 Ap '66.
Energy distribution of charged particles in a magnetic trap. B. S. Akshanov, I. A. Volkolupov, K. D. Sineilnikov. Zhur. tekhn. fiz. 36 no. 4:608-611 Ap '66.
Injection and capture of charged particles in a magnetic mirror trap. B. S. Akshanov, I. A. Volkolupov, K. D. Sineilnikov. Zhur. tekhn. fiz. 36 no. 4:595-602 Ap '66.
- ELECTRONS—SCATTERING**
Elastic scattering of fast electrons of nuclei with Fermi distribution of charge density. I. Zh. Petkov, V. K. Lukhanov, I. S. Pol'. Izd. fiz. 4 no. 1:57-65 Ji '66.
Theory of certain anomalous kinetic phenomena in ferromagnetic materials. A. N. Voloshinskii. Fiz. met. i metalloved. 10 no. 1:10-19 Ji '64.
- ELECTRONS—SPECTRA**
Effect of the polarization of a medium on the development and energy characteristics of electron-photon showers. A. K. Bakhtadze, I. P. Ivanenko. Izd. fiz. 4 no. 1:161-169 Ji '66.
Spectrum of internal conversion electrons emitted in the reaction $^{186}\text{Au} \rightarrow ^{187}\text{Au}$. P. T. Prokof'ev, L. I. Simonova. Izv. AN SSSR. Ser. fiz. 30 no. 7:1210-1212 Ji '66.
- ELECTRO-OSMOSIS**
Electric methods of extracting juices from vegetable raw materials. E. V. Rashed'ko, A. A. Mamakov. Elek. obr. mat. no. 3:71-76 '65.
- ELECTROPHORESIS**
Behavior of β fetal protein in electrophoresis in vertical starch gel. S. S. Vasil'skii. Biol. eksp. biol. i med. 61 no. 5:58-61 My '66.
Introduction of antineoplastic preparations by the electrophoresis method. R. M. Strelkova. Vop. onk. 12 no. 6:56-62 '66.
- ELECTROPHORESIS—EQUIPMENT AND SUPPLIES**
Cuvette for microelectrophoresis on agar and starch gel and for microimmunoelectrophoresis. A. A. Strekalov. Biol. eksp. biol. i med. 61 no. 5:123-125 My '66.
- ELECTROPHYSIOLOGY**
Adaptation phenomena in receptors of the gastrointestinal tract. N. A. Adamovich. Trudy Inst. fiziol. 11:73-80 '65.
"Adaptation" phenomena in the vasculomotor center and motor somatic centers following prolonged stimulation of afferent nerves. I. S. Bazanova, O. S. Merkulova, V. N. Chernigovskii. Trudy Inst. fiziol. 11:40-43 '65.
Automatic compensation of input capacitance in microelectrode studies. I. I. Loev, B. M. Moshechker, A. A. Rudskii. Zhur. vya. nerv. delat. 16 no. 3:554-567 My-Je '66.
Effect of zinc ions on the excitable membrane of the skeletal muscle fiber. E. G. Varnovitskii, B. I. Khodorov. Biol. eksp. biol. i med. 61 no. 6:8-11 Je '66.
Electrophysiological analysis of the adaptation process in the central link of the somatic reflex arc. I. S. Bazanova, S. A. Evdokimov. Trudy Inst. fiziol. 11:44-19 '65.
Electrophysiological analysis of the central mechanisms correcting the interceptive effects on skeletal muscles. A. A. Trandafuk. Biol. eksp. biol. i med. 61 no. 5:7-11 My '66.
Method for calculating the distribution density of the receptor number of a certain field based on the frequency of generated impulses. B. I. Binnier. Biol. eksp. biol. i med. 61 no. 5:120-125 Je '66.
Role of the tension, duration, and energy of the electrical impulse in cardiac fibrillation. V. A. Makarychev. Biol. eksp. biol. i med. 61 no. 5:27-30 Je '66.
Threshold and latent period magnitude of a single muscle fiber in frog at different levels of polarization. T. A. Safonova. Vest. LGU no. 9:106-112 '66.
- ELECTROPLATING**
Boron plating of rolling dies. L. M. Sorkin. Vest. mashinost. 46 no. 5:65-67 My '66.
Devices for determining the adhesion strength of electroplates on the surface of a cylinder. Sh. Z. Zakirov. Trudy Tadzh. sel'khoz. inst. 7:49-51 '65.
Lubricating effect of organic inclusions in electrodeposits of metals. Sh. Z. Zakirov. Trudy Tadzh. sel'khoz. inst. 7:46-48 '65.
Obtaining continuous cathodic deposits in the electrolysis of fused chloride baths containing NbCl_2 . L. E. Ivanovskii, M. T. Krasnikov. Trudy Inst. elektrokhim. UPAN SSSR no. 7:60-72 '65.
Production of porous iron coatings from cold chloride electrolytes. F. M. Peregodov. Trudy Tadzh. sel'khoz. inst. 7:31-36 '65.
- ELECTROSTATIC SEPARATORS**
Karnaukhov, N. M. [Technology of the retreatment of collective concentrates by means of electric separation] Tekhnologiya dovodki kolektivnykh koncentratov a pomoshch'yu elektricheskoi separatsii. Moskva, Nedra, 1966. 165 p.

ELECTROTHERAPEUTICS

- Electric stimulation of the heart in complete atrioventricular block. A.S. Rovnov and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:97-102 '65.
Use of exponential impulse current in pain syndromes. A.M. Tereshchenko. Voen.-med. zhur. no.12:12-16 D '65.

ELLIPTIC DIFFERENTIAL EQUATIONS see Differential equations, Elliptic

EMBA REGION (KAZAKHSTAN)—GEOLOGY, STRUCTURAL

- Recent tectonics of the Southern Emba salt dome region. V.N. Petrov. Trudy VNIGRI no.237:131-141 '64.

EMBA REGION (KAZAKHSTAN)—PETROLEUM PRODUCTION

- Remote control of Emba fields. P.P. Gagrin. Neft. khoz. 44 no.5:44-46 My '65.

EMBA VALLEY—PETROLEUM GEOLOGY

- Geological conditions governing the formation of oil pools in salt domes in the Southern Emba Valley. V.S. Sobolev. Trudy VNIGRI no.237:12-102 '64.

EMBANKMENTS

- Field studies on accelerating the stabilization of peat soils in embankments using direct electric current, chemical supplements, and vacuum evaporation. N.P. Kovalenko, N.F. Bondarenko, S.V. Popov. Izv. vys. ucheb. zav. i les. zhur. 9 no.2:90-93 '66.

EMBARGO see subdivision under Rhodesia

EMBRYOLOGY

- [Achievements of science: Pharmacology, toxicology 1964; the effect of chemical factors in ontogeny] Rogi nauki: Farmakologiya, toksikologiya 1964; vliyanie khimicheskikh faktorov v ontogeneze. Moskva, Akad. nauk SSSR, 1966. 97 p. (Seriya: Biologiya)

- Brief news. Biol. MOIP. Otd. biol. 71 no.2:101-170 Mr-Apr '66.

- Cytochemical changes in the liver of rabbits in embryogenesis following intervarietal crossings. M.P. Volovik, I.P. Shirokorad. Uch. zap. KHGU 140:12-18 '63.

- Effect of triiodothyronine on the in vitro growth extremity bone rudiments in mice of the mutant strain Brachypodism-H and C57BL/6J. E.K. Ginter, B.V. Kondukhov. Biol. eksp. biol. i med. 61 no.6:98-102 Je '66.

EMBRYOLOGY—BIRDS

- Some histochemical changes in the epithelium of embryonic cornea caused by injury. V.A. Vasil'eva. Arkh. anat., gist. i embr. 50 no.3:20-23 Mr '66.

EMBRYOLOGY—FISHES

- Some characteristics of precovulatory changes in the nucleus of the oocytes of the common ruff *Acerina cernua* L. A.F.A. Latif. Vest. LGU no.2:44-48 '66.

EMBRYOLOGY—POULTRY

- Morphophysiological study of the development of the motor function in chick embryos following whole-body gamma irradiation. G.E. Syderskaia. Radiobiologiya 6 no.3:423-430 '66.

EMBRYOLOGY, HUMAN

- Morphology of afferent innervation of the human heart in embryogeny. L.M. Badaleva. Dop. AN URSS no.5: 669-672 '66.

EMOTIONS

- Significance of emotions in the professional activity of the pilot. P.V. Butanov, F.P. Kosmolinskii. Voen.-med. zhur. no.6:63-65 Je '66.

- The NRV preparation is a new emulsifier. N.G. Grigorovich, Kh.I. Pukko, V.G. Pastovoi. Avt. dor. 20 no.6:16 Je '65.

EMULSIONS

- Demulsification kinetics of concentrated water-oil emulsions. N.K. Prikhodko. Trudy MINKHGP no.57:173-179 '66.
Dispersion analysis of petroleum emulsions using a modified sedimentometer of the Wigner-Kelly type. N.K. Prikhodko. Izv. vys. ucheb. zav. i neft. i gaz. 9 no.2:61-65 '66.

- Effect of dissolvent demulsifiers on the corrosion of steel in waste waters of the Sokolovogorskoye oil field. O.R. Lartanova, G.M. Kudrinskova. Neft. khoz. 44 no.5:51-55 My '66.

- Investigating the mechanism of the action of demulsifiers. E.A. Myskhin. Neft. khoz. 44 no.5:55-58 My '66.
Ionic permeability in concentrated oil-in-water emulsions and foams. O.N. Grigor'ev, E.E. Voznina. Vest. LGU 21 no.10:130-132 '66.

ENAMEL AND ENAMELING—THERMAL PROPERTIES

- Determining the fusibility of enamels. I.U. Bulavin. Stek. i ker. 23 no.6:10-20 Je '66.

ENCEPHALITIS

- Clinical aspects and diagnosis of encephalitis in children. E.A. Edel'shtein, I.M. Sysoeva. Zhur. nevr. i psikh. 66 no.7:976-980 '66.

- Encephalitic and myelitic syndromes of enteroviral etiology in children. I.M. Sysoeva, E.I. Tsimbol'skaya. Zhur. nevr. i psikh. 66 no.7:972-976 '66.

- Encephalitis in children. M.B. Tsuker. Zhur. nevr. i psikh. 66 no.7:969-972 '66.

- Leucoencephalitis with a benign course. I.Z. Mizikova, L.M. Shoshina. Zhur. nevr. i psikh. 66 no.7:980-985 '66.

ENCEPHALITIS—PREVENTION see subdivision under Maritime Territory

ENCEPHALOMYELITIS

- Acute destruction of infected cells according to microcinematographic data. P.I. Ershov, I.I. Kvokov, A.A. TSareva. Biol. eksp. biol. i med. 61 no.6:111-113 Je '66.

- Synplastroforming activity of the Venezuelan horse encephalomyelitis virus. F.I. Ershov. Biol. eksp. biol. i med. 61 no.5:87-89 My '66.

ENCEPHALOMYELITIS—MICROBIOLOGY

- Infections and immunogenic properties of ribonucleic acid of the virus of infectious encephalomyelitis of horses. F.Z. Amil'teyrov, N.K. Glazutkina. Vop. vet. virus. 2:160-163 '66.

- Use of the fluorescent antibody method in the detection of the virus of infectious encephalomyelitis of horses in tissue cultures. K.A. Shishkina, K.A. Gomedudinnova. Vop. vet. virus. 2:220-223 '66.

ENCYCLOPEDIAS AND DICTIONARIES

- An encyclopedia devoted to a particular person as a publication of a special type. V.A. Mamulov. Kniga; issl. i mat. 11:263-268 '65.

- Scientific apparatus and reference materials of encyclopedia-type publications; the system of footnotes. D.I. Vinokurov. Kniga; issl. i mat. 11:127-127 '65.

ENCYRTIDAE see subdivision under Arctic regions

ENDOCRINOLOGY—CONGRESSES

- Akademiya meditsinskikh nauk SSSR. Institut eksperimental'noi endokrinologii. [Problems of experimental and clinical endocrinology; materials of the 4th Conference of Young Scientists, April, 8-9, 1965] Voprosy eksperimental'noi i klinicheskoi endokrinologii; materialy IV Konferentsii molodykh uchennykh, 8-9 aprilia 1965 goda. Moskva, 1965. 180 p.

ENDOTHELIUM

- Chondritone in the endothelial cells of the human aorta. R.P. Stepanov. Arkh. anat., gist. i embr. 50 no.5:54-60 My '66.

ENERGY-BAND THEORY OF SOLIDS

- Method of continued fractions in some problems in the theory of solids. V.E. Volvin. Zhur. struk. khim. 7 no.2:267-272 Mr-Apr '66.

ENGINEERING—STUDY AND TEACHING

- A special course for future builders. D.P. Cherkasov. Vest. vys. shkoly 24 no.5:23-26 My '66.

ENGINEERING GEOLOGY

- (see also subdivision under Omsk Province)

- For closer contact of science and production. V.M. Fomin. Razved. i okh. neft. 31 no.10:41-44 O '65.

- Nature of the formation of the properties of alluvial soils from the viewpoint of engineering geology. B.H. Ieskov. Geol. zhur. 26 no.2:50-71 '66.

ENGLAND see Great Britain

ENGLISH LANGUAGE—AFFIXES

- Krasnoluk, P.M. [Affixal word formation in the English language] Affiksial'noe slovoobrazovanie v angliiskomazyke. Moskva, Vysshaya shkola, 1965. 171 p.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

- Morozenko, V.V., and I.F. Turuk, comps. [Concise English-Russian dictionary on automatic information handling] Kratkiy anglo-russkii slovar' po avtomaticheskoi obrabotke informatsii. Pod obsheim red. M.A. Koroleva. Moskva, Mosk. ekonomiko-stat. in-t, 1965. 32 p.

ENGLISH LANGUAGE—STUDY AND TEACHING

- For the teachers of foreign languages. L.T. Sesarukh. Nar. obr. no.7:71 JI '66.

ENGLISH PROVERBS see Proverbs, English

ENTOLOMA see subdivision under Ukraine

ENTOMOLOGICAL RESEARCH see subdivision under Czechoslovakia

ENTOMOLOGICAL SOCIETIES

- Activities of the All-Union Entomological Society of the Academy of Sciences of the U.S.S.R. for 1965. Izv. oboz. 45 no.2:461-464 '66.

ENTROPY

- Thermodynamic characteristics of irreversible natural processes. V.A. Zharikov. Geokhimiya no.10:131-136 O '65.

ENZYMES

- Effect of urea on enzymatic processes occurring in the rumen of cows. M.P. Kovall, Khim. v sel. khoz. 4 no.2:66-68 JI '66.

- Enzymatic activity of the extraembryonic fluid of chicken embryos infected by the virus of European chicken plague. N.V. Ershova, G.A. Ivanova, S.D. Logginov. Vop. vet. virus. 2:179-183 '66.

- Mechanism of the action of gibberellin. Report No.2: Effect of gibberellin on the activity of some enzymes and the content of growth stimulants in isolated pea shoots. R.P. Protosko, O.B. Dolichak, L.S. Drabkina. Ukr. bot. zhur. 23 no.3:13-18 '66.

- Relationship between the radiation and enzyme injury of the membrane of erythrocytes in adult and newborn rats. L.V. Orlova. Radiobiologiya 6 no.3:350-361 '66.

EOSINOPHILS

- Variations of the pain syndrome in eosinophilic granuloma of the skull bones. B.M. Ruchikov. Zhur. nevr. i psikh. 66 no.5:671-674 '66.

EPIDEMIOLOGY

- Epidemiological and virological characteristics of an influenza outbreak in Western Siberia. T.A. Sivachenko and others. Voen.-med. zhur. no.12:50-53 D '65.

- Experience in the combined work of the epidemiological and sanitary-epidemiological service. M.V. Gullida, L.G. Tystritskaya, T.I. Nazarova. Zhur. mikrobiol., epid. i immun. 43 no.5:140-143 My '66.

- Historical analysis of epidemics during the 14th through the 17th centuries. B.S. Desomertnykh. Zhur. mikrobiol., epid. i immun. 43 no.5:153-157 My '66.

- Nature of epidemic and epizootic processes. V.K. Iashuk. Zhur. mikrobiol., epid. i immun. 43 no.5:130-136 My '66.

- Recent developments in the epidemiology of smallpox. V.D. Belikov. Voen.-med. zhur. no.5:41-47 My '66.

EPIDEMIOLOGY—HANDBOOKS, MANUALS, ETC.

- Veber, L.G. [Sanitary and epidemiological service in the system of health protection for the population of the U.S.S.R.; a textbook for doctors attending group courses with previous group training in the organization of sanitary and epidemiological affairs and the organization of public health] Sanitarno-epidemiologicheskaya shkola v sisteme okhrany zdorov'ia naseleniya SSSR: uchebnoe posobie dlia vrachei-kursantov tsiklov s predtiskovoi podgotovkoi po organizatsii sanitarno-epidemiologicheskogo dela i organizatsii zdoravookhraneniia. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966. 117 p.

EPIDERMIS

- Electron microscopic study of the epidermis in man. I.N. Mikhailov, L.N. Mikhailova. Arkh. anat., gist. i embr. 50 no.5:73-81 My '66.

EPILEPSY

- Initial paroxysmal manifestations of epilepsy in children and adults. A.I. Bohl'rev, V.A. Karlov, G.V. Lartanova. Zhur. nevr. i psikh. 66 no.7:1067-1071 '66.

- Limits and differentiation of minor epilepsy in children. S.S. Mankhin, I.U. Dem'yanov. Zhur. nevr. i psikh. 66 no.7:1063-1067 '66.

EPITHELIUM

- Comparative histochemistry of epithelial mucins containing sialic acid. V.B. Potapova, V.V. Vinogradov. Arkh. anat., gist. i embr. 50 no.3:29-33 Mr '66.

- Effect of epithelial stroma of the thymus on the differentiation of lymphocytes. E.A. Larina, A.E. Snop'treva. Biol. eksp. biol. i med. 61 no.5:163-167 My '66.

- Some histochemical changes in the epithelium of embryonic cornea caused by injury. V.A. Vasil'eva. Arkh. anat., gist. i embr. 50 no.3:20-23 Mr '66.

EPOXY COMPOUNDS

Preparation of epoxy compounds by oxidation of decenes and hexenes of monoperphthalic acid. A.M. Potikova and others. *Izv. AN SSSR. Ser. khim.* no. 6:1088-1089 '66.

EPOXY RESINS

Repairing tractor parts by the use of epoxy resin. M. Krivchevskii. *Tekhn. v sel'khoz.* 25 no. 3:69-71 Mr '65.

EQUIVALENT CIRCUITS

Shchedrin, N.N. [Simplification in the modeling of electrical systems] Uprashchene elektricheskikh sistem pri modelirovani. Moskva, Energiya, 1966, 156 p.

ERBIUM ISOTOPES

Multipolarity of transitions inside the band $K^{\pi} = 4$ in ^{168}Er . V.A. Bondarenko, P.T. Prokof'ev. *Izv. AN SSSR. Ser. fiz.* 30 no. 7:1173-1175 JI '66.

ERIVAN

Simonian, A.P. [Erivan; an outline of the city's history, economy, and culture] Erivan; ocherk istorii, ekonomiki i kul'tury goroda. [2., dop. izd.] Erivan, [Mittk] 1965. 328 p.

ERIVAN—CHEMICAL INDUSTRIES

Expensive grams. A. Isaian. *Prom. Arm.* 9 no. 6:18-20 '66.

ERIVAN—COMPRESSORS—TECHNOLOGICAL INNOVATIONS

Innovator society in a plant. I. Nersisyan. *Prom. Arm.* 9 no. 6:60 '66.

ERIVAN—ELECTRIC EQUIPMENT INDUSTRY

On the level of world standards. *Prom. Arm.* 9 no. 6:28 '66.

ERIVAN—ELECTRIC LAMPS

Designer. R. Gardish'yan. *Prom. Arm.* 9 no. 6:48-49 '66.

ERIVAN—PIANO MAKERS

Erivan piano. A. Peplozian. *Prom. Arm.* 9 no. 6:51-52 '66.

EROSION see subdivision under Don Valley; Voronezh Province

EROSION—MAPS

Plotting maps of erosion areas. K.N. Lisitsyna. *Trudy GGI* no. 132:165-171 '66.

EROSION OF METALS

Fomin, V.V. [Hydraulic erosion of metals] Gidrozozila metallov. Moskva, Mashinostroenie, 1966, 200 p.

ERROR—CORRECTING CODES (INFORMATION THEORY)

Elementary determination of the reliability of a self-correcting system. E.A. Kupkaev, N.G. Nalaznin. *Vop. vych. mat. i tekhn.* no. 7:85-89 '65.

ERYTHROBLASTOSIS FETALIS

Experimental reproduction of erythroblastosis fetalis in lower monkeys. L.S. Volkova, M.Sh. Verbitskii, A.V. Andreeva. *Biul. eksp. biol. i med.* 61 no. 5: 30-33 My '66.

ERYTHROCYTES

Effect of glucose consumption on changes in the erythrograms of nucleolar erythrocytes. V.V. Ovchinnikov, A.I. Fedorova. *Lek. i syr. res. Irk. obl.* no. 4:190-193 '65.

Effect of uranyl nitrate on hemolysis and hexokinase activity of nucleolar erythrocytes. A.I. Fedorova. *Lek. i syr. res. Irk. obl.* no. 4:197-199 '65.

Hexokinase of nucleolar erythrocytes and its role in the penetration of glucose into erythrocytes. A.I. Fedorova. *Lek. i syr. res. Irk. obl.* no. 4:104-106 '65.

Kinetics of the adsorption of the virus of European chicken plague by formalized hen erythrocytes. B.N. Sokov and others. *Vop. vet. virus.* 2:50-63 '66.

Protective effect of polymers of ethylene oxide on the human erythrocytes during freezing. O.M. Vorotilina, M.I. Shraho. *Dop. AN URSR* no. 5:838-843 '66.

Quantitative analysis of the process of the interaction of erythrocytes and bacterial antigens. Report No. 2: Study of the rate of interaction of erythrocytes and *Escherichia coli* sensittins. B.V. Karal'nik. *Zhur. mikrobiol., epid. i immun.* 43 no. 5:78-86 My '66.

Relationship between the radiation and enzyme injury of the membrane of erythrocytes in adult and newborn rats. L.V. Orlova. *Radiofizika* 6 no. 3:338-361 '66.

Simple method for the standardization of suspensions of ram erythrocytes for the complement fixation reaction in foot-and-mouth disease. G.P. Kornievskaya, F.P. Kurechenko. *Vop. vet. virus.* 2:629 '66.

ERYTHROPOIESIS

Antigen composition of preparations of purified erythrocyte toxin. I.S. Kazobina, V.V. Akinova, V.A. Burshtein. *Zhur. mikrobiol., epid. i immun.* 43 no. 5: 111-116 My '66.

ESCHERICHIA COLI

Effect of algae *Chlorella vulgaris* and *Scenedesmus obliquus* on the viability of *Escherichia coli* bacteriophages. S.P. Sadovskaya, M.M. Telitschenko. *Biul. eksp. biol. i med.* 61 no. 6:71-74 Je '66.

Effect of one percent hyposulfite solution on *Escherichia coli*. A.S. Ovod. *Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst.* 3:18-20 '65.

Effect of vibration as a factor associated with space flights on the lysogenic culture of *Escherichia coli* K-12 (λ). N.I. Rybakov, V.A. Kozlov. *Biul. eksp. biol. i med.* 61 no. 5:64-67 My '66.

Etiology of dysentery-like diseases in adults. K.A. Morozov. *Voen.-med. zhur.* no. 5:48-50 My '66.

Quantitative analysis of the process of the interaction of erythrocytes and bacterial antigens. Report No. 2: Study of the rate of interaction of erythrocytes and *Escherichia coli* sensittins. B.V. Karal'nik. *Zhur. mikrobiol., epid. i immun.* 43 no. 5:78-86 My '66.

Some clinical and epidemiological characteristics of acute enterocolitis caused by the enterogenic *Escherichia coli*. E.E. Verkhilomov, A.I.A. Borovina. *Voen.-med. zhur.* no. 6:59-60 Je '66.

ESCHERICHIA COLI—CULTURES AND CULTURE MEDIA

Pigment-forming mutants of *Escherichia coli* B/r. M.N. Miasnik. *Biul. MOIP. Otd. biol.* 71 no. 2:141-146 Mr-Apr '66.

ESENIN, SERGEI ALEKSANDROVICH, 1895-1925—BIBLIOGRAPHY see Bibliography—Esenin, Sergei Aleksandrovich, 1895-1925

ESOPHAGUS—ABNORMALITIES AND DEFORMITIES

Clinical aspects and treatment of duplication of the esophagus in children. E.M. Davtian. *Zhur. eksper. i klin. med.* 6 no. 2:72-79 '66.

ESPIONAGE

Unrelenting vigilance is our powerful weapon. *Komm. Vooruzh. Sil* 47 no. 14:2-6 JI '66.

ESTERIFICATION

Physicochemical analysis of binary liquid systems with exchange interaction. Esterification. I.U.A. Plakov, G.N. Fenerli. *Zhur. ob. khim.* 36 no. 6:957-972 Je '66.

ESTERS

Cyclic arylazo- β -diketones. Part 10: Esters of 2-arylozo-1,3-indandione-2-carboxylic acids. L. Sakhar, E. Gudrinetsk. *Zhur. org. khim.* 2 no. 4:674-682 Ap '66.

ESTERS—SPECTRA

Chemistry of esters of keto acids of the acetylenic series. Part 3: Spectroscopic examination of esters of α -keto acids of the acetylenic series. I.I. Lapkin, I.U.S. Andreichikov. *Zhur. prikl. spekt.* 4 no. 5:462-464 My '66.

ESTONIA—OIL SHALES

Oil shales of Estonia. M.J. Gubergits. *Priroda* 55 no. 7:94-100 '66.

ESTONIA—STATE FARMS—ACCOUNTING

State farms and commercial accounting. Kh. Miannik. *Part. zhizn'* no. 13:26-32 JI '66.

ESTONIAN LANGUAGE—DICTIONARIES—ENGLISH

Slivet, J., comp. [Estonian-English dictionary] Eesti-Inglise sõnaraamat. Tallinn, Kirjastus, Eesti Raamat, 1965, 508 p. (MH)

ETHANES

Experimental investigation of the dehydrochlorination of dichloroethane for the production of vinyl chloride in a reactor with a stationary catalyst bed. M.F. Nigiev and others. *Azerb. khim. zhur.* no. 2:41-47 '64.

ETHANES—SPECTRA

Vibrational spectra and characteristics of 1,2-dichloroethane structure. A.V. Sechkarev, E.G. Brutan. *Zhur. struk. khim.* 7 no. 2:218-221 Mr-Apr '66.

ETHANOL

Rate of decomposition of benzoyl peroxide in the presence of triethanolamine in mixed solvents. B.M. Sogomonian, N.M. Beilerian, O.A. Chalykian. *Arm. khim. zhur.* 10 no. 2:123-127 '66.

ETHER (ANESTHETIC)—PHYSIOLOGICAL EFFECT

Changes in some functions of the cerebral cortex under ether anesthesia. E.K. Aganlants. *Zhur. vys. nerv. deiat.* 16 no. 3:440-457 My-Je '66.

ETHERS

Formulas for calculating the quantity of theoretically possible isomers of monosubstituted ethers. B.F. Plashnatsade. *Azerb. khim. zhur.* no. 2:83-72 '64.

Glycol ethers and their derivatives. Part 107: Synthesis of alkoxyethyl ethers of *n*-propyl monoether of diethylene glycol. Shamkhal Mamedov, R.A. Aminim-nad, A.S. Agoev. *Zhur. org. khim.* 2 no. 4:856-860 Ap '66.

Hydrolysis and alcoholysis of α -chloroethyl aryl ethers. M.F. Shoetakovskii, A.V. Kalabina, K.Kh. Zikherman. *Zhur. org. khim.* 2 no. 4:888-892 Ap '66.

ETHICS AND LAW see Law and ethics

ETHNOLOGY

(see also subdivision under Bashkiria; Kemchik Valley; Ukraine)

The role of the Society of Amateurs of Natural Science, Anthropology, and Ethnography in the organization of Russian ethnographical studies. R.S. Lipets, T.S. Makashina. *Trudy Inst. etn.* 9:39-60 '65.

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHYL ALCOHOL

Quantitative determination of ethyl alcohol in aqueous solutions by gas chromatography. B.V. Lipets, T.A. Manuilova, N.Kh. Grinberg. *Zhur. anal. khim.* 21 no. 5:637-639 '66.

ETHYLENE

Catalysts for ethylene oxidation to ethylene oxide. L.A. Vasilievich and others. *Kin. i kat.* 7 no. 3:525-526 My-Je '66.

Ethylene polymerization in chlorine-containing solvents on a soluble complex system. N.D. Zavorokhin, A.I. Makhin'ko. *Vest. AN Kazakh. SSR* 22 no. 6:18-30 Je '66.

ETHYLENE COMPOUNDS

Photoluminescence and scintillation characteristics of ethylene anthryl derivatives in polystyrene. L.L. Nagornala and others. *Zhur. prikl. spekt.* 4 no. 5: 466-468 My '66.

Sym-1,2-bis (p-nitrophenylethyl)ethylene diphosphonate. I.L. Kuznetsov and others. *Izv. AN SSSR. Ser. khim.* no. 6:1115-1116 '65.

ETHYLENE OXIDE

Action of calcium hypochlorite on ethylene oxide and its derivatives. M.M. Movsumzade, N.G. Abdullayev. *Azerb. khim. zhur.* no. 2:91-96 '64.

Catalysts for ethylene oxidation to ethylene oxide. L.A. Vasilievich and others. *Kin. i kat.* 7 no. 3:525-526 My-Je '66.

Protective effect of polymers of ethylene oxide on the human erythrocytes during freezing. O.M. Vorotilina, M.I. Shraho. *Dop. AN URSR* no. 5:838-843 '66.

Reaction of ethylene oxide with amine hydrochlorides; preparation of N,N-di(β -hydroxyethyl) amine. V.P. Mamaev, G.V. Shishkin. *Zhur. org. khim.* 2 no. 4: 583-586 Ap '66.

Reactions of α -oxides. Part 9: Acid catalysis of the reaction of ethylene oxide with alcohols and other oxygen compounds. N.N. Lebedev, V.M. Kozlov. *Kin. i kat.* 7 no. 3:455-463 My-Je '66.

ETHYLENIMINE

Gombitskii, P.A., D.S. Zhuk, and V.A. Kargin. [Chemistry of ethylenimine] Khimiiya etilenimina. Moskva, Nauka, 1966, 255 p.

EUGLENIDAE see subdivision under Ukraine

EUROPE—GEOGRAPHY

The small European countries. V. Trofimov. *Mezhdunar. zhizn'* 13 no. 7:145-148 '66.

EUROPE—MILITARY BASES, AMERICAN

American bases in Europe. Sh. Arosh. *Mezhdunar. zhizn'* 13 no. 7:46-55 '66.

EUROPE—POLITICS

Conference of the states of the Warsaw Pact. *Nov. vrem.* 24 no. 20:1-3 JI '66.

France and the U.S.S.R.: a dialogue extended. Commentator. *Mezhdunar. zhizn'* 13 no. 8:69-74 '66.

Magna Charta of European security. Albert Norden. *Nov. vrem.* 24 no. 30:5-8 JI '66.

New horizons of Europe. S. Beglov. *Mezhdunar. zhizn'* 13 no. 7:8-17 '66.

A realistic program of European security. L. Sedra. *Nov. vrem.* 24 no. 31:3-4 JI '66.

Soviet-French cooperation and European security. V. Iur'ev. *Mezhdunar. zhizn'* 13 no. 8:8-15 '66.

EUROPE—FEUDALISM—BIBLIOGRAPHY

Kamenetskii, B.A. [The struggle of the people's masses in European countries against feudal oppression; discussions of books] Bor'ba narodnykh mass v stranakh Evropy protiv feodal'nogo gnetia; besedy o knigakh. Moskva, Kniga, 1965, 22 p. (istoricheskie znaniia v massy, no. 2) (CS-II)

EUROPE—PEASANT UPRISINGS—BIBLIOGRAPHY

Kamenetskii, B.A. [The struggle of the people's masses in European countries against feudal oppression; discussions of books] Bor'ba narodnykh mass v stranakh Evropy protiv feodal'nogo gnetia; besedy o knigakh. Moskva, Kniga, 1965, 22 p. (istoricheskie znaniia v massy, no. 2) (CS-II)

EUROPE, EASTERN—BIBLIOGRAPHY

[New literature on the general problems of the European socialist countries] *Nov. lit. po obshch. probl. evrop. sots. stran* no. 5 '66.

EUROPE, EASTERN—CAPITAL

Payment for production funds in a new economic lever, N. Mitrofanova, *Den. kred.* 24 no. 6:76-81 Je '66.

EUROPE, EASTERN—COMMERCE

Methods of measuring the efficiency of foreign trade, K. Popov, *Vnesh. torg.* 46 no. 6:20-25 '66.

EUROPE, EASTERN—COMMUNIST PARTIES—BIBLIOGRAPHY

Articles devoted to the history of Communist parties published in foreign periodicals, Vop. ist. KPSS 10 no. 7:141-142 Ji '66.

EUROPE, EASTERN—CRANIOLOGY

History of the craniology of the peoples of Eastern Europe and the Caucasus, V. P. Alekseev, *Trudy Inst. otn.* 91:106-123 '65.

EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS

The 23d Congress of the CPSU and the problems of the economic cooperation of socialist countries, M. Gladkovskii, *Vop. ekon.* no. 6:92-100 Je '66.

EUROPE, EASTERN—INCOME

National income of the European socialist countries, E. Kudrova, *Mir. ekon. i mezhdunar. otn.* no. 6:115-126 '66.

EUROPE, EASTERN—LABOR PRODUCTIVITY

Growth of labor productivity in the industry of the European socialist countries, N. V. Vladova, *Trudy INKH* no. 28:108-128 '65.

EUROPE, EASTERN—LIBRARIES—SPECIAL COLLECTIONS

Mezhdunarodnoe soveshchanie po voprosu o sotrudnichestve mezhdu bibliotekami v oblasti komplektovaniia fondov zarubezhnoi literatury, Prague, 1965. [International Conference on the Problem of Library Cooperation in the Development of Collections of Foreign Literature] *Mezhdunarodnoe soveshchanie po voprosu o sotrudnichestve mezhdu bibliotekami v oblasti komplektovaniia fondov zarubezhnoi literatury, Prague, Gos. biblioteka ChSSR, 1965.* 77 p.

EUROPE, EASTERN—LIBRARY COOPERATION

Mezhdunarodnoe soveshchanie po voprosu o sotrudnichestve mezhdu bibliotekami v oblasti komplektovaniia fondov zarubezhnoi literatury, Prague, 1965. [International Conference on the Problem of Library Cooperation in the Development of Collections of Foreign Literature] *Mezhdunarodnoe soveshchanie po voprosu o sotrudnichestve mezhdu bibliotekami v oblasti komplektovaniia fondov zarubezhnoi literatury, Prague, Gos. biblioteka ChSSR, 1965.* 77 p.

EUROPE, EASTERN—METALLURGY

Chernykh, E. N. [History of the earliest metallurgy in Eastern Europe] *Istoriia drevneishoi metallurgii Vostochnoi Evropy.* Moskva, Nauka, 1966. 141 p.

EUROPE, EASTERN—PAYMENT

Payment for production funds is a new economic lever, N. Mitrofanova, *Den. kred.* 24 no. 6:76-81 Je '66.

EUROPE, EASTERN—TRANSPORTATION

Cooperation of socialist countries in the field of transport, B. Gorizontov, *Vnesh. torg.* 46 no. 6:16-19 '66.

EUROPE, WESTERN—BUILDINGS, PREFABRICATED

Practices in prefabricated housing construction in countries of Western Europe, N. Bereznoi, *Arkhit.* SSSR no. 5:57-61 '66.

EUROPE, WESTERN—COAL MINES AND MINING

Crisis in the coal mining industry, Victorin Duguet, *Vsem. prof. dvizh.* no. 3:21-24 My '66.

EUROPE, WESTERN—LABOR AND LABORING CLASSES

What should be the policy of the working class? A. Weber, *Nov. vrem.* 24 no. 3:5-9 Ji '66.

EUROPE, WESTERN—PETROLEUM INDUSTRY

Lisichkin, S. M. [The petroleum industry of the capitalist countries of Western Europe] *Neftianaja promyshlennost' kapitalisticheskikh stran Zapadnoi Evropy.* Moskva, Nedra, 1966. 230 p.

EUROPEAN CHICKEN PLAGUE

Morphological reaction in the lymphoid tissue of hens with European chicken plague, G. I. Bragin, *Vop. vet. virus.* 2:585-590 '66.

Synthesis of nucleic acids in the pulmonary tissues of baby chicks infected by the virus of European chicken plague, A. A. Sultimov, G. A. Ivanova, *Vop. vet. virus.* 2:171-178 '66.

EUROPEAN CHICKEN PLAGUE—MICROBIOLOGY

Antigenic activity and the relationship of the Ru and R₅ variants of the European chicken plague virus, G. A. Ivanova and others, *Vop. vet. virus.* 2:412-417 '66.

Enzymatic activity of the extraembryonic fluid of chicken embryos infected by the virus of European chicken plague, N. V. Ershova, G. A. Ivanova, S. B. Logginov, *Vop. vet. virus.* 2:179-183 '66.

Heterogeneity of populations of the European chicken plague virus, V. S. Perzashkevich, G. A. Ivanova, S. B. Logginov, *Vop. vet. virus.* 2:392-402 '66.

Interaction of virulent and avirulent strains of the European chicken plague virus, A. A. Sultimov, G. A. Ivanova, *Vop. vet. virus.* 2:224-231 '66.

Isolation of nucleic acids from the vaccine strain LT of the cattle plague virus and the European chicken plague virus, I. F. Omelova and others, *Vop. vet. virus.* 2:189-196 '66.

Kinetics of the adsorption of the virus of European chicken plague by for malized hen erythrocytes, B. N. Sokov and others, *Vop. vet. virus.* 2:58-63 '66.

Neuramindase of the virus of European chicken plague, N. V. Ershova and others, *Vop. vet. virus.* 2:184-188 '66.

Preservation of the active properties of the strains Ru and R₅ of the European chicken plague virus in native and desiccated states, A. G. Vladimirov and others, *Vop. vet. virus.* 2:412-447 '66.

Study of the distribution of the strains Ru and R₅ of the European chicken plague virus in the organism of chicken embryos and in chickens, G. A. Safonov and others, *Vop. vet. virus.* 2:337-342 '66.

Virulence and reversibility of the attenuated Ru and R₅ variants of the European chicken plague virus, V. M. Kolosov and others, *Vop. vet. virus.* 2:403-412 '66.

EUROPEAN CHICKEN PLAGUE—PREVENTIVE INOCULATION

Immunogenic properties of the variants and vaccine strains of the European chicken plague virus, G. A. Ivanova and others, *Vop. vet. virus.* 2:318-331 '66.

Immunomorphological (plasmocytic) reaction in the vaccination of hens against European chicken plague, G. I. Bragin and others, *Vop. vet. virus.* 2:564-569 '66.

Transmission of passive immunity through the egg of a chicken vaccinated with the strain R₅ of the European chicken plague virus, G. A. Ivanova and others, *Vop. vet. virus.* 2:432-437 '66.

EUROPEAN COMMON MARKET see European Economic Community

EUROPEAN ECONOMIC COMMUNITY

Goncharov, A. N. [French trusts in "Little Europe,"] *Tresty Frantsii v "Maloi Evrope,"* Pod red. E. P. Plotnina, Moskva, IMO, 1966. 157 p.

Organization of the "Common Market" contradicts the progressive aspects of international relations and international law, I. Ussov, *Sov. gos. i pravo* 36 no. 7:137-141 Ji '66.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FOREIGN ECONOMIC RELATIONS—FRANCE

Goncharov, A. N. [French trusts in "Little Europe,"] *Tresty Frantsii v "Maloi Evrope,"* Pod red. E. P. Plotnina, Moskva, IMO, 1966. 157 p.

EUROPIUM ISOTOPES—DECAY

Positron decay from Eu 145, Zh. Zhelev, G. Muzilov, *Iad. fiz.* 4 no. 1:3-8 Ji '66.

EUROPIUM OXIDES—ELECTRIC PROPERTIES

Magnetic, superhigh frequency, and electric properties of some oxide compounds of bivalent europium, A. A. Samokhvalov and others, *Izv. AN SSSR, Ser. fiz.* 30 no. 6:904-908 Je '66.

EUTECTICS

Morphology of a thin graphite eutectic in cerium cast iron, I. N. Taras and others, *Izv. AN SSSR, Met.* no. 3:94-104 My-Je '66.

Structure of eutectics in Fe-C-V alloys, I. N. Taras, L. T. Kalina, I. I. Ivanov, *Izv. vyz. ucheb. zav. i chern. met.* 9 no. 6:145-150 '66.

EVAPORATING APPLIANCES

Drop motion in the boiling tubes of vaporizers and evaporating apparatus, N. I. Tikhonov, I. I. Sagaido, B. A. Matvienko, *Izv. vyz. ucheb. zav. i pishch. tekhn.* no. 3:150-162 '66.

Multistage evaporating unit as object of concentration regulation, E. D. Berezniak, E. I. Taubman, *Izv. vyz. ucheb. zav. i pishch. tekhn.* no. 3:163-168 '66.

EVAPORATION

Effect of the scheme of evaporation on heat transfer during condensation and evaporation, V. I. Subbotin and others, *Teplotfiz. vyz. temp.* 4 no. 1:143-144 Ja-F '66.

EVAPORATION (METEOROLOGY)

(see also subdivision under Kazakhstan)

Effect of changes in the evaporation from large areas on the precipitation of the given region and adjacent areas, O. A. Drozdov, A. S. Grigor'eva, *Trudy GGO* no. 109: 17-26 '66.

EVAPORATION CONTROL

Korshunov, E. S., and S. G. Edigarov, [Losses of petroleum products and gases and means for reducing them] *Poteri nefti, nefteproduktov i gazov i mery ikh sokrascheniia.* Moskva, Nedra, 1966. 116 p.

Reducing the losses of easily evaporating petroleum products by selecting economical systems of steel reservoirs, M. I. Ashkinazi, *Transp. i khran. nefti i nefteprod.* no. 3:18-22 '65.

EVICTIION

Eviction from the living quarters occupied without the houseowner's permission, L. Vasyuchenko, *Rud. pravo* 29 no. 5:25-28 My '66.

How public prosecutors supervise the legality of the eviction of tenants from their living quarters by administrative agencies, I. A. D. Ivanovskii, *Sov. gos. i pravo* 36 no. 7:142-146 Ji '66.

Some special cases concerning the eviction of tenants from the buildings owned by industrial enterprises and governmental agencies, L. Kretova, *Rud. pravo* 29 no. 5:22-24 My '66.

EVIDENCE (LAW)

Larin, A. M. [An investigator's work with evidence] *Rabota sledovatelya s dokazatel'stvami.* Moskva, Iuridicheskaiia literatura, 1966. 166 p.

Some theoretical problems relating to evidence and its presentation in Soviet civil procedure, A. F. Kleiman, *Vest. Mosk. un. Ser. 12: Pravo* 21 no. 3:36-47 My-Je '66.

EVIDENCE, CRIMINAL

Evidential effect of facts characteristic of the person of the accused, M. G. Korshak, A. M. Larin, S. S. Stepiashov, *Sov. gos. i pravo* 36 no. 6:97-101 Je '66.

Relation between truth and truthfulness in criminal procedure, A. A. Elman, *Sov. gos. i pravo* 36 no. 6:92-97 Je '66.

EVIDENCE, DOCUMENTARY

The concept and classification of documentary evidence in civil procedure, A. G. Kalpin, *Vest. Mosk. un. Ser. 12: Pravo* 21 no. 1:68-74 Ju-F '66.

Procedural significance of some forms of documentary evidence, A. G. Kalpin, *Vest. Mosk. un. Ser. 12: Pravo* 21 no. 3:48-53 My-Je '66.

The records of business transactions as a form of evidence in the judicial examination of criminal cases, B. Rozovskiy, *Rud. pravo* 29 no. 6:63-70 My '66.

EVOLUTION

Davilashvili, L. Sh. [Current status of evolution theory in the West] *Sovremennoe sostoiianie evoliutsionnogo ucheniia na Zapade.* Moskva, Nauka, 1966. 242 p.

Development and progress, S. B. Morzhink, *Vop. filoz.* 20 no. 4:49-54 '66.

One form of anti-Darwinism, K. M. Zavadskii, Z. I. Berman, *Vest. LGU* no. 9:5-22 '66.

Population genetics, ecology, and evolution, S. S. Shvarts, *Priroda* 55 no. 7:2-13 '66.

EWES—FEEDING AND FEEDS

Protein metabolism in pregnant fine-wool sheep and their fetuses under various levels of nutrition, O. V. Dzhachko, A. Sh. M. Amambayev, *Vest. sel'khoz. nauch. (Kazakh.)* 9 no. 6:48-52 Je '66.

EXAMINATIONS BEFORE TRIAL see Preliminary examinations (Criminal procedure)

EXCAVATING MACHINERY

Designing an efficient system for regulating the performance of rotary bucket excavators, M. M. Mandelblat, M. I. Frenkel', *Fiz.-tekhn. probl. razrab. pol. tekhn.* no. 3:107-112 '65.

Efficient parameters of the performance of walking excavators in thick water-saturated rocks, I. I. Plinskii, T. I. Maifanbayev, *Dokl. i chug. rud. i svet. met.* no. 3:12-14 '64.

Results of the competition for the best machinery for cleaning canals of sediments, I. I. Barkan, N. G. Reikhan, *Gidrot. mel.* 10 no. 6:62-63 Je '66.

EXCAVATING MACHINERY—DESIGN AND CONSTRUCTION

Problem of selecting the transition pitch for high-capacity cantilever waste stackers with walking-rail travel, A. R. Gramatunov, *Mut. i gornorud. prom.* no. 3:70-73 My-Je '66.

EXCAVATING MACHINERY—EFFICIENCY

Studying the performance of DS-1500 excavators with an increased speed of their bucket chains, G. S. Kaborkin, I. N. Dunayevskii, *Ugol' Ukr.* no. 6:13 Je '66.

EXCAVATING MACHINERY—ELECTRIC EQUIPMENT

Barlov, N. V. [Electrical equipment of construction excavators] *Elektrooborudovanie stroitel'nykh ekskavatorov.* Moskva, Energiia, 1966. 144 p. (Biblioteka elektromotora, no. 102)

EXCAVATING MACHINERY OPERATORS—EDUCATION AND TRAINING

Bystrov, D. A. [Field training of excavator operators] *Proizvodstvennoe obuchenie mashinistov ekskavatorov.* Moskva, Vysshiaia shkola, 1966. 160 p.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Kiev; Kiev Province; Odessa Province; Poltava Province; Southern Bug Valley

EXCITATION (PHYSIOLOGY)

- Characteristics of the formation of motor and alimentary (situation) conditioned response to different visual stimuli in dogs. N.S. Burakova. Zhur.vys.nerv.deiat. 16 no.3:437-442 My-Je '66.
- Effect of the conditions of stimulation on the duration of a single muscle contraction. K.H. Tarkova. Biol.Oh-van estestvoispyt. 13:105-109 '64.
- "Resonance tuning" of the cerebral analyzer system as the result of the differentiation of signals. I.U.G. Kratin. Zhur.vys.nerv.deiat. 16 no.3:426-436 My-Je '66.
- Restoration cycles of evoked potentials at different levels of the visual cortex in rabbits. A.IA. Sapin. Zhur.vys.nerv.deiat. 16 no.3:406-505 My-Je '66.
- Some principles of the classification of evoked potentials. M.S. Myslokhodskii. Zhur.vys.nerv.deiat. 16 no.3: 519-530 My-Je '66.
- Study of spatial correlation of cortical biopotentials in rabbits under isolated stimulations of different modalities. T.A. Korol'kova and others. Zhur.vys.nerv.deiat. 16 no.3:489-495 My-Je '66.
- Two-way temporary connection in the formation of a conditioned motor defense reflex to an alimentary stimulus. M.I. Tashmukhamedova. Zhur.vys.nerv.deiat. 16 no.3:541-543 My-Je '66.

EXCITON THEORY

- Wave functions of Frenkel excitons in the Cu_2O crystal. Part I. N.V. Starostin. Opt.i spektr. 20 no.5:823-287 My '66.

EXCITON THEORY—CONGRESSES

- All-Union Seminar "Excitons in Crystals." E.F. Sheka. Usp.fiz.nauk 89 no.1:171-172 My '66.

EXECUTIONS (LAW)

- Some ways to control the execution of judicial decisions establishing the collection of payments for the support of children or alimony from the members of collective farms. M. Suburenko. Rad.pravo 29 no.6: 83-84 Je '66.

EXERCISE THERAPY

- Changes in the blood circulation system in patients with hypertension under the effect of exercise therapy and massage. I.N. Nazarov. Vop.kur., fizioter.i lech. kul't. 31 no.2:118-164 Mr-Apr '66.
- Results of exercise therapy in the treatment of pneumonia. L.V. Shchibaeva. Vop.kur., fizioter.i lech. kul't. 31 no.2:167-172 Mr-Apr '66.

EXERCISE THERAPY—CONGRESSES

- Scientific and practical conference on exercise therapy and medical control in Odessa. A.E. Shcherbatsky. Vop.kur., fizioter.i lech. kul't. 31 no.2:166-169 Mr-Apr '66.

EXPANSION (HEAT)

- Electric resistance and heat expansion of alloys in the system Ti - Nb - Cr. I.I. Korolov, K.I. Shakhova, P.B. Budberg. Izv. AN SSSR. Met. no.3:172-178 My-Je '66.

EXPERIMENTAL DESIGN

- Evaluating the precision of the statistical method of strength analysis of structures. L.N. Rudnikina. Vest. mashinostr. 46 no.5:14-15 My '66.

EXPLOSIONS

- Novozhloy, B.V. [Combustion and explosions] Gorenio i vzyryt. [Moskva] Znanie, 1966. 78 p. (Narodnyi universitet: Estestvenno-nauchnyi universitet, no.5)

EXPLOSIVE FORMING

- Martensite deformation in austenite steels under the effect of explosive loading. M.A. Filippov, I.N. Bogachev. Fiz. met. i metalloved. 20 no.6:681-688 D '65.

EXTRACTION (CHEMISTRY)

- Certain regularities in the extraction of alkali metals. A.M. Rozan, A.I. Mikhailichenko. Dokl. AN SSSR 160 no.4:828-831 Je '66.
- Extraction of cobalt from nickel chloride solutions by various types of extractants. L.M. Gindin, I.M. Ivanov, Z.A. Nal'kina. Izv. SO AN SSSR no.3. Ser. khim. nauk no.1:134-136 '66.
- Liquid - liquid phase equilibrium in four-component systems. M.V. Aleksandrova and others. Zhur.pril. khim. 39 no.5:1041-1049 My '66.
- Preparation of extrahents of the trialkylamine-type according to Hofmann's reaction. B.N. Laskorin, D.I. Skorovarov, V.A. Semenov. Zhur.pril. khim. 39 no.5:1049-1055 My '66.

EXTRAORDINARY REMEDIES

- [Prosecutorial supervision in the U.S.S.R.]. [Prokurorski nadzor v SSSR. Moskva, Iuridicheskaya literatura, 1966. 330 p.]

EXTRAORDINARY REMEDIES (CRIMINAL PROCEDURE)

- Gintsburg, V.G., ed. [The prosecutor protest in criminal cases] Protest prokurora po ugovolnym delam. [By] M.I. Bazhanov i dr. Moskva, Iuridicheskaya literatura, 1966. 127 p.]

EXTRAUTERINE PREGNANCY see Pregnancy, Extra-uterine

EXTREMITIES (ANATOMY)

- Comparative histological structure of the compact mass of the tubular bones of the extremities in birds in ontogenesis. M.H. Chukanova. Nauk.prust. zoonet. fak. UASHN 15 no.2:118-126 '61.

EXTREMITIES (ANATOMY)—DISEASES

- Diagnosis of diseases of the extremities in cattle and horses with the aid of the kymographic method. G.I. Chirkov. Trudy TVI 9:158-164 '65.

EXTRUSION (METALS)

- Application of high-temperature thermomechanical treatment in the production of extruded tubes of the VT15 titanium alloy. S.T. Kishkin and others. Izv. AN SSSR. Met. no.3:125-129 My-Je '66.
- Calculating peak loads in extruding metals. L.G. Stepan-ski. Vest. mashinostr. 46 no.5:71-72 My '66.
- Favorskiy, V.E. [Cold extrusion] Kholodnaya shtampovka vydayivaniem. Izd.2., perer. i dop. Moskva, Mashino-stroenie, 1966. 159 p.]

EYE—ACCOMMODATION AND REFRACTION

- Practical importance of simultaneous instillation of atropine combined with adrenaline to accelerate the complete paralysis of accommodation for near vision. M.M. Kurbanova. Trudy Azerb. nauch.-issl. inst. oft. 4:82-94 '63.

EYE—DISEASES AND DEFECTS

- Changes in the argyrophil substance of the coats of the eyeball in radiation sickness. V.M. Abdullaev. Trudy Azerb. nauch.-issl. inst. oft. 4:108-112 '63.
- Irradiation with soft and hard X rays in inflammatory eye diseases and painful glaucoma absolutum. S.B. Akhundova. Trudy Azerb. nauch.-issl. inst. oft. 4:113-117 '63.
- Pathomorphology of the eye in an experimental Brown-Pearce tumor. P.S. Melik-Ashlanova, V.M. Abdullaev. Trudy Azerb. nauch.-issl. inst. oft. 4:124-129 '63.
- State of some eye functions in diabetes. Z.A. Alieva. Trudy Azerb. nauch.-issl. inst. oft. 4:78-81 '63.

EYE—EXAMINATION

- Portable chart illuminator for the determination of visual acuity. F.F. Zviagin. Voen.-med.zhur. no.5:78-80 My '66.

- Shul'plina, N.B. [Methodology of the microscopy of the living eye] Metodika mikroskopi zivogo glaza. Moskva, TSentr. in-t usovershenstvovaniya vrachei, 1966. 23 p. (DNLM)

EYE—SURGERY

- Changes in the angle of the chamber in glaucoma patients after surgery according to data of the Glaucoma Department of the Institute of Ophthalmology. L.S. Shuts-kin, M.O. Alieva. Trudy Azerb. nauch.-issl. inst. oft. 4:45-48 '63.

EYE—WOUNDS AND INJURIES

(see also subdivision under Azerbaijan)

- Industrial eye traumas and prophylactic measures for their control. Sh.I. Ismail-zade. Trudy Azerb. nauch.-issl. inst. oft. 4:51-55 '63.

FACADES

- Nikolaev, A.S. [Advanced methods of painting building facades] from the work experience of the Fasadrem-stroil-1 Trust in Leningrad] Progressivnye metody okraski fasadov zdaniy iz opyta raboty tresta Fasadremstroil-1 v Leningrade. Leningrad, Stroizdat, 1966. 72 p.]

FACE—ABNORMALITIES AND DEFORMITIES

- State of reactions in adolescents with maxillofacial anomalies and the education of these adolescents. K. Rusev. Zhur.nevr.i psikh. 66 no.7:1089-1091 '66.

FACE—WOUNDS AND INJURIES

- Clinical and experimental study of the wound process in a trauma of the anterior section of the eye. Sh.I. Ismail-zade. Trudy Azerb. nauch.-issl. inst. oft. 4: 56-60 '63.

- Immobilization of maxillofacial lesions by the method of elastic bandaging. V.A. Pankov, N.A. Ploinikov, E.S. Tikhonov. Voen.-med.zhur. no.12:71-72 D '65.

FACTORIES

- Preparing the publication of books on the history of industrial plants and factories. N.K. Argutinskaya. Kniga. issl.i mt. 11:58-75 '65.

FACTORIES—FIRES AND FIRE PREVENTION

- Kulikov, I.G. [Safety engineering and fire prevention in plants of the rubber industry] Tekhnika bezopasnosti i protivopozharnaya tekhnika na zavodakh rezinovoi promyshlennosti. Moskva, Khimiya, 1966. 210 p.]

FACTORY LAWS AND LEGISLATION

- Effectiveness of legal rules governing the organization of work. O.V. Smirnov. Sov.gos.i pravo 36 no.7:43-50 JI '66.

- Klinov, N.I. and V.T. Prokhorov. [Production life and Soviet laws] Zhizn' proizvodstva i sovetskije zakony. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 134 p.]

- Legal forms of public participation in scientific and technical information services in industrial enterprises. M. Andrianov. Rad.pravo 29 no.5:62-67 My '66.

FACTORY MANAGEMENT

- You cannot ignore the opinion of the collective. S. Trokhimenko. Part. zhizn' no.15:43-47 Ag '66.

FALLOPIAN TUBES—DISEASES

- Effect of antibiotics and cortisone on experimental staphylococcal infection in the Fallopian tubes. L.A. Samorodnina. Antibiotiki 11 no.5:450-454 My '66.

FALLOWING

- P'lynykh, M.M. [Efficiency of green and black fallows] Effektivnost' chistykh i zantatykh parov. Moskva, Kolos, 1966. 104 p. (DNAL)

- Sowing rates and planting methods for peas as a green fallow crop in dry farming with satisfactory growing conditions. V.P. Dudenko. Vest.sel'khoz.nauki [Kazakh.] 9 no.5:18-21 My '66.

FANS (MACHINERY)—AERODYNAMICS

- Optimum distribution of loads among fans. A.D. Bagrinovskii. Ugol' 41 no.6:64-66 Je '66.

FAR EAST—POLITICS

- New plot against Asia. R. Lockwood. Mezhdunar. zhizn' 13 no.7:82-87 '66.

FAR EAST, SOVIET see Soviet Far East

FARM BUILDINGS see subdivision under Orel Province

FARM BUILDINGS—DESIGN AND CONSTRUCTION

see subdivision under Ukraine

FARM MANAGEMENT

- Every collective and state farm should have a plan for its organization and management. N.I. Isenka. Ekon. sel'khoz. 41 no.5:100-106 My '66.

- Training of personnel in economics in Kuybyshev Province. I. Pronin. Ekon.sel'khoz. 41 no.5:126-123 My '66.

- TSynkov, M.IU. [Organization of animal husbandry on farms] Organizatsiya zhivotnovodstva na fermakh. Moskva, Kolos, 1965. 367 p. (DNAL)

FARM MANAGEMENT—LAWS AND LEGISLATION

- Theoretical conference on the legal problems of management science. G.S. Bushmakov. Sov.gos. i pravo 36 no.6:47-52 Je '66.

FARM MECHANIZATION

(see also subdivision under United States; Vinnitsa Province)

- Strengthen the material and technical foundation of collective and state farms. M. Novikov. Ekon. sel'khoz. 41 no.5:24-37 My '66.

FARM MECHANIZATION—STUDY AND TEACHING

- "Rion" tractors in school plots. E. Lesin. Nnr.obr. no.7:59-62 JI '66.

FARM PRODUCE—TRANSPORTATION

- Green lights to the new crop! Rech.transp. 22 no.8: 1-2 Ag '64.

- Harvest transportation is an urgent task of automotive transportation workers. S.Shupliakov. Avt.transp. 44 no.5:1-3 My '66.

- Provide the freight base stations with advanced technology. N.M. Ivanitskiy. Zhel.dor.transp. 48 no.5:20-25 My '66.

FARMERS

- Property liability of collective farmers. N.V. Storozhev. Sov.gos.i pravo 36 no.6:86-90 Je '66.

FARMERS—EDUCATION AND TRAINING

- Men determine the fate of intensification. G.Shmelev. Agitator no.16:49-52 Ag '64.

FARMHOUSES

- [Paths of development of rural housing construction] Puti razvitiya sel'skogo zhilishchnogo stroitel'stva v SSSR. Moskva, 1961. 59 p. (DHHF)

FARMHOUSES—DESIGN AND CONSTRUCTION see subdivision under Kherson Province

FASHION

- [Season's fashions] Mod.sez. no.1 Spring-Summer '66.

FAT METABOLISM

- Effect of developmental conditions on the fat metabolism in the embryos and larvae of *Oncorhynchus keta* *intraspecies autumnalis* Berg. A.M. Kol'gav, A.A. Zhirnova. Vop.khik. 6 no.2:401-405 '66.

FATIGUE, MENTAL

- Effect of vitaminization in strenuous intellectual work. N.M. Machekhin. Voen.-med.zhur. no.5:50-52 My '66.

FATTY ACIDS see Acids, Fatty

FATTY DEGENERATION see Degeneration, Fatty

FAULTS (GEOLOGY) see subdivision under Pokutye

FAVORSKII, VLADIMIR ANDREEVICH, 1886-

V.A. Favorskii as illustrator of books. A.D. Gonchurov. Kniga; issl. i mat. 11:40-153 '63.

FEDERAL GOVERNMENT

Demarcation of powers between the organs of the U.S.S.R. and the Union Republics in the province of economic leadership. A.I. Lepezhkin. Sov. gos. i pravo 36 no. 6:3-11 Je '66.

FEED GRINDERS

Gaps between hammers and sieves in crushers. E. Zinger. Mekh. elev. prom. 32 no. 5:23 My '66.

Hammer mill with a built-in electric motor. G. Shumilin, A. Germanovich. Tekh. v sel'khoz. 26 no. 5:63-64 My '66.

Theory of the justification of some parameters for a feeder-proportioner of hay-straw materials for continuous feed preparation lines. V.A. Golikov. Vest. sel'khoz. nauki [Kazakh.]. 9 no. 3:58-65 My '66.

FEED INDUSTRY see subdivision under Altai Territory; Orenburg; Sal'sk (Rostov Province); Tula; Yugoslavia

FEED MECHANISMS

Devices for automatic feed and orientation of nuts. V.I. Polishchuk. Mekh. i avtom. protzv. 20 no. 6:33-35 Je '66.

FEED MILLS—DESIGN AND CONSTRUCTION

New design for a feed mill. E. Hrinhof, I.U. Koshits'. Sil'. bud. 14 no. 11:8-9 N '64.

FEED UTILIZATION EFFICIENCY

Digestibility of cellulose and lignin in experiments with rabbits and sheep. P.A. Kormshchikov, M.I. Zvereva. Trudy TVI 9:220-227 '65.

FEEDING

Establishing maintenance norms in feeding farm animals. D.V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:215-232 '66.

Establishing norms for vitamin feeding and the generalization of vitamin norms. D.V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:270-287 '66.

Expenditure of feed units for the weight gain in animals being fattened. D.V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:249-259 '66.

Expenditure of feed units for the weight gain of growing young farm animals. D.V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:234-248 '66.

Some problems of establishing the norms for feeding farm animals in the light of current tasks. D.V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:207-214 '66.

FEEDING—EQUIPMENT AND SUPPLIES

Feed distributor for ducks. V. Zazimko, D. Tur'ian. Tekh. v sel'khoz. 26 no. 5:57-59 My '66.

FEEDS

(see also subdivision under Central Chernozem region)

Chemical treatment of wood flakes. G.P. Tikhomirov. Uch. zap. Ped. inst. Gerts. 312:321-331 '66.

Chemically processed peat as feed for animals. D.V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:351-360 '66.

Determining lignin in feeds. L.N. Skorodumova, S.G. Ustinov. Uch. zap. Ped. inst. Gerts. 312:361-365 '66.

Feeding sawdust of softwood deciduous species treated with alkaline solutions to young cattle. S.G. Ustinov. Uch. zap. Ped. inst. Gerts. 312:306-321 '66.

Medviedieva, V.T. (Provide high-quality feeds in animal husbandry) Tvarynyts'v—rysookladnisi kormy. Khar'kov, Prapor, 1966, 44 p. (DNL)

Methodology of laboratory and experimental studies of the chemical treatment of feeds. D.V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:297-305 '66.

Technology of the treatment of the sawdust of conifer species with alkaline solutions and their use in rations for young cattle. D.V. Elpat'evskii, A.M. Lomakin. Uch. zap. Ped. inst. Gerts. 312:331-338 '66.

Theory and practice of the chemical treatment of coarse plant raw material and wood waste in transforming them into feeds of higher food value. D.V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:288-296 '66.

Use of chlorophyll-carotene paste as a biologically active supplement to rations for farm animals and poultry. A.M. Lomakin. Uch. zap. Ped. inst. Gerts. 312:347-351 '66.

Use of conifer twigs in animal husbandry and the technology of their preparation in clear-cuttings. A.M. Lomakin, S.A. Solov'ev. Uch. zap. Ped. inst. Gerts. 312:339-346 '66.

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina. (Problems of the chemicalization of animal husbandry; the use of biologically active preparations) Voprosy khimizatsii zhivotnovodstva; primeneniye biologicheskii aktivnykh preparatov; soornik rabot. Moskva, Nauka, 1964, 209 p. (DNL)

FEEDWATER PURIFICATION

Intensification of a magnetite filter. V.A. Golubtsov, E.F. Tsubnikhin, B.T. Gusev. Izv. vys. ucheb. zav. i energ. 9 no. 5:81-91 My '66.

Redesigning of the DS-100 BKZ deaeration column. T. Kh. Bakirov. Energetik 11 no. 6:14-15 Je '66.

Small deaeration unit for feed tanks. G.P. Sutolskii. Prom. energ. 21 no. 5:30-32 My '66.

FEMORAL MUSCLE—BLOOD SUPPLY

Changes in the arterial system of the femoral biceps in connection with its evolution. L.G. Iakovleva. Trudy TVI 9:68-78 '65.

FERGANA—LIBRARIES, WORKINGMEN'S

The smiles of our readers are our best reward. S. Erashkina. Bibliotekar' 43 no. 6:30-41 Je '66.

FERMENTATION—EQUIPMENT AND SUPPLIES

Golger, L.I. [Mechanization and airtightness control of technological fermentation processes] Mekhanizatsia i gormetizatsia tekhnologicheskikh protsessov fermentnogo proizvodstva. Moskva, TSINTIPlashe-prom, 1965, 50 p.

FERMI SURFACES

Dispersion of surface plasma waves in metals. G.A. Begiasvili, A.L. Serebriakian. Fiz. met. i metalloved. 20 no. 6:933-934 D '65.

FERRATES see Ferrites (Magnetic materials)

FERRITE

Quantitative separation of the ferritic phase from steel OX21H5T. V.P. Razygraev, N.V. Khakhlova. Zav. lab. 32 no. 5:514-517 '66.

FERRITES (MAGNETIC MATERIALS)

Apokin, I.A. [Technology of the manufacture of ferromagnetic films] Tekhnologiya izgotovleniya ferromagnitnykh plenok. Moskva, Vnvrigila, 1966, 79 p. (Biblioteka po avtomatike, no. 176)

Effect of crystal defects on the line width of ferromagnetic resonance in ferrites. I.A. Deriagin, V.V. Danilov. Izv. AN SSSR, Ser. fiz. 30 no. 6:1011 Je '66.

Magnetic and magnetostrictive properties of rare-earth ferrites-garnets at low temperatures. K.P. Belov, V.I. Sokolov. Izv. AN SSSR, Ser. fiz. 30 no. 6:1073-1075 Je '66.

Magnetochemical nature of a transformation of magnetic properties of ferrites by the introduction of ions-activators. D.E. Bondarev. Izv. AN SSSR, Ser. fiz. 30 no. 6:1076-1078 Je '66.

Neutron-diffraction study of atom-ferromagnetic superstructures FeCo₂ (Fe, Cr)Co₂ (Fe, Mn)Co₂ and Fe(Co, Ni). I.U. Dorofeev, B.G. Lashchenko, L.I. Novak. Izv. AN SSSR, Ser. fiz. 30 no. 6:964-967 Je '66.

Spin-phonon interaction in yttrium ferrite (excitation of magnetoelastic waves by ultrasound). G.A. Smolen'skii, A. Nasyrov. Izv. AN SSSR, Ser. fiz. 30 no. 6:998-1001 Je '66.

Study of the Mössbauer effect on Fe⁵⁷ nuclei in nickel ferrite-chromite with a compensation point. Izv. AN SSSR, Ser. fiz. 30 no. 6:940-956 Je '66.

Successibility of ferroxyplana above Curie point. E.S. Borovik, I.U. Mamalut, Izv. AN SSSR, Ser. fiz. 30 no. 6:1079-1082 Je '66.

FERRITES (MAGNETIC MATERIALS)—CONGRESSES

Vsesoiuznoe soveshchaniye po ferritam. 4th. Minsk. [Physicochemical and physicochemical properties of ferrites; materials of the reports] Fizicheskie i fiziko-khimicheskie svoystva ferritov; [materialy dokladov]. Minsk, Nauka i tekhnika, 1966, 352 p.

FERRITES (MAGNETIC MATERIALS)—OSCILLATIONS

Magnetostatic-type surface fluctuations in the magnetization of a hollow ferrite cylinder. N.M. Dunaev, A.I. Piliushchikov. Radiotekh. i elektron. 11 no. 6:1319-1329 Je '66.

FERRUCENE

Molecular distances and packing of molecules in the bis-[11'-(1-ethylferrocenyl)] crystal. Z.L. Kalunki, I.U. T. Struchikov. Zhur. struk. khim. 7 no. 2:283-286 Mr.-Ap '66.

FERRUCYANIDES

Ion exchange of alkaline and alkaline-earth metals on copper ferrocyanide. E.V. Kazakov, I.F. Karpova. Vest. LGU 21 no. 10:139-143 '66.

Ferroelectric Crystals

Domain structure of Alnico alloy single crystals occurring in various structural states. I.A. S. Shur, M.G. Luzhinskaya. Izv. AN SSSR, Ser. fiz. 30 no. 6:1022-1029 Je '66.

Domain structure of magnetoplumbite. G.S. Kandaurova, I.A. S. Shur. Izv. AN SSSR, Ser. fiz. 30 no. 6:1030-1034 Je '66.

Fine magnetic structure of domains in iron, nickel, and cobalt films. L.V. Kirenski and others. Izv. AN SSSR, Ser. fiz. 30 no. 6:1030-1041 Je '66.

Fine magnetic structure of domains in iron-nickel films. L.V. Kirenski and others. Izv. AN SSSR, Ser. fiz. 30 no. 6:1035-1037 Je '66.

Generation of a polydomain state in ferromagnetics. E.V. Shcheglov. Izv. AN SSSR, Ser. fiz. 30 no. 6:1042-1045 Je '66.

FERROMAGNETIC RESONANCE

Contribution to the theory of antiferromagnetic resonance in antiferromagnetics of NiO type. M.M. Farztlanov. Izv. AN SSSR, Ser. fiz. 30 no. 6:930-942 Je '66.

Effect of crystal defects on the line width of ferromagnetic resonance in ferrites. I.A. Deriagin, V.V. Danilov. Izv. AN SSSR, Ser. fiz. 30 no. 6:1011 Je '66.

Ferromagnetic resonance in magnetocrystalline single crystals with different initial domain structure. I.A. S. Shur, D.I. Shikhaeva. Izv. AN SSSR, Ser. fiz. 30 no. 6:1012-1015 Je '66.

Radio-frequency absorption maximum of resonant domain boundaries. L.A. Ponomarev. Izv. AN SSSR, Ser. fiz. 30 no. 6:1016-1021 Je '66.

Symmetry of the crystalline field in the garnet Y₃Fe₅O₁₂. B.E. Rubinshtein. Izv. AN SSSR, Ser. fiz. 30 no. 6:1070-1072 Je '66.

FERROMAGNETISM

Antiferro-ferromagnetic transition in the system Fe(P₁ x P₂)₂ O₄. V.V. Khludskii and others. Izv. AN SSSR, Ser. fiz. 30 no. 6:968-971 Je '66.

Contribution to the theory of exchange interactions in antiferromagnetics taking polar excitations into account. L.D. Dzhikh, I.V. Shadrak. Izv. AN SSSR, Ser. fiz. 30 no. 6:915-920 Je '66.

Critical fields in ferromagnetic materials with three magnetic sublattices. A.S. Pakhomov, A.A. Chuev. Fiz. met. i metalloved. 18 no. 1:156-159 Ji '64.

Magnetic, superhigh frequency, and electric properties of some oxide compounds of bivalent europium. A.A. Samoilovich and others. Izv. AN SSSR, Ser. fiz. 30 no. 6:984-989 Je '66.

Study of the character of the process involved in pulsed magnetic reversal of thin ferromagnetic films in weak fields. N.M. Salanskii, N.S. Chudakov, G.E. Prolov. Izv. AN SSSR, Ser. fiz. 30 no. 6:1058-1067 Je '66.

Temperature dependence of the spontaneous magnetization of ferromagnetic materials on the basis of Green's function method. I.U. A. Izumov, I.M. Moskova. Fiz. met. i metalloved. 18 no. 1:20-25 Ji '64.

Theory of certain anomalous kinetic phenomena in ferromagnetic materials. A.N. Voloshinskii. Fiz. met. i metalloved. 18 no. 1:10-19 Ji '64.

Theory of diluted ferromagnetic systems. I.U. G. Rudol', Fiz. met. i metalloved. 20 no. 6:812-823 D '65.

FERTILIZER INDUSTRY see subdivision under Cherkassy

FERTILIZER PLANTS

System of cultural and service institutions at nitrogen fertilizer plants. S. Shusterov. Arkht. SSSR no. 5:38-41 '66.

FERTILIZER SPREADERS

Increase the efficiency of fertilizer spreaders. M. Korzhenevskii. Tekh. v sel'khoz. 26 no. 3:84-85 Mr. '65.

Irregularity in the distribution of organic fertilizers. S.N. Nikulin, G.P. Voronov, A.N. Gudkov. Trakt. i mel'khoz. no. 6:38-40 Je '66.

Machines for the placement of mineral fertilizers in soil based on the materials of the International exhibition "Chemistry in industry, construction, and agriculture." A.M. Shekharov, K.E. Ibramov, Khim. v sel'khoz. 4 no. 2:14-21 F '66.

Spreader of organic fertilizers. F. Kremnevskii, P. Platonov. Tekh. v sel'khoz. 26 no. 5:91-92 My '66.

FERTILIZERS AND MANURES

(see also subdivision under Kuybyshev Province; Ukraine)

Bazegskii, E.P. [Phosphorus fertilizers] Fosforno udobreniia. Moskva, Rossol'khozizdat, 1965, 37 p. (Biblioteka brigadir i zven'ovogo po primeneniiu udobrenii, no. 3)

(DNL)

[Fertilizer and crops] Udobreniia i urozhat. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1964, 168 p. (Poro-dovoi opyt v sel'skom khoziaistvo Kubani)

(CU)

Iakovleva, V.V., and T.A. Danilova. [Trace element fertilizers] Mikroudobreniia. Moskva, Rossol'khozizdat, 1965, 45 p. (Biblioteka brigadir i zven'ovogo po primeneniiu udobrenii, no. 5)

(DNL)

Mamchenkov, I.P. [Organic fertilizers] Organicheskie udobreniia. Moskva, Rossol'khozizdat, 1965, 52 p. (Biblioteka brigadir i zven'ovogo po primeneniiu udobrenii, no. 6)

(DNL)

Methods for determining nitrogen in its nitrate and nitrite forms. A.M. Hirut and others. Khim. v sel'khoz. 4 no. 2:5-12 F '66.

Pechelkin, V.U. [Potassium fertilizers] Kalinye udobreniia. Moskva, Rossol'khozizdat, 1965, 30 p. (Biblioteka brigadir i zven'ovogo po primeneniiu udobrenii, no. 2)

(DNL)

- FERTILIZERS AND MANURES (Continued)**
Sinaglin, I. I. [Compound fertilizers] Kombinirovannye udobreniya. Moskva, Rossel'khozizdat, 1965. 22 p. (Biblioteka brigadir i zven'evogo po primeneniю udobrenii, no. 7) (DNAL)
- FERTILIZERS AND MANURES—EXHIBITIONS**
 Mineral fertilizers at the international exhibition "Chemistry in Industry, construction, and agriculture." G. G. Cherepanov. Khim. v sel'. khoz. 4 no. 2:12-14. F '66.
- FERTILIZERS AND MANURES—HANDLING**
 Mechanization of the preparation and placement of mineral fertilizers. E. Tsukanova. Tekh. v sel'. khoz. 26 no. 5: 92 My '66.
Sondriakov, I. F., and B. A. Glavatskiy. [Mechanization of the preparation and use of fertilizers] Mekhanizatsiya prigotovleniya i vneseniya udobrenii. Moskva, Rossel'khozizdat, 1965. 83 p. (Biblioteka brigadir i zven'evogo po primeneniю udobrenii, no. 8) (DNAL)
- FERTILIZERS AND MANURES—STORAGE**
 Overall mechanized storerooms for mineral fertilizers. I. I. Mogilevskii. Mekh. i avtom. proizv. 20 no. 6: 14-16 Je '66.
- FERTILIZATION OF PLANTS**
 Pollination of entomophilous plants by bees. S. G. Bogoslavskii. Okhr. prir. i tsentr. - Khim. pol. no. 5: 200-212 '64.
- FETUS**
 Behavior of β fetal protein in electrophoresis in vertical starch gel. S. S. Vasilevskii. Biol. eksp. biol. i med. 61 no. 5:58-61 My '66.
 Growth of the vessels of Willis' circle during the second half of uterine life. N. D. Doygladko, R. A. Pekar'. Arkh. anat., gist. i embr. 50 no. 3:87-90 Mr '66.
- FETUS—DISEASES**
Gul'kevich, I. U. V. [Perinatal infections] Perinatnye infektsii. Minsk, Belarus', 1966. 188 p. (DNLM)
 Modern methods for the diagnosis of pathological states of the fetus. L. S. Perstianinov. Vest. AMN SSSR 21 no. 6:19-20 '66.
 Significance of virus infections in intramembrane pathology. V. D. Solov'ev. Vest. AMN SSSR 21 no. 6:53-57 '66.
- FETUS, EFFECT OF RADIATION ON**
 Effect of X-ray irradiation on the progeny of rats irradiated with a dose of 200 R on the 9th day of embryonal development. A. P. Nikonov. Biol. eksp. biol. i med. 61 no. 6:84-87 Je '66.
- FEVER**
 Effect of alpha dinitrophenol hyperthermia on the reactivity of the body. A. G. Alekperov. Azerb. med. zhur. 43 no. 4:57-40 Ap '66.
- FIALKA, LADISLAV**
 Ladislav Fialka's pantomime. E. Sh. Teatr 25 no. 10: 132-133 O '64.
- FIBERS—WELDING**
Bondin, I. U. N. [Safety manual for the raw-fiber welder] Pamiatka po tekhnike bezopasnosti dlia varshchika voloknistogo syr'ta. Moskva, Stroizdat, 1966. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)
- FIBRINOLYSINS**
 Treatment with anticoagulants and fibrinolytic substances. A. P. Golikov. Voen.-med. zhur. no. 6:92-95 Je '66.
- FIBRINOLYSINS—PHYSIOLOGICAL EFFECT**
 Experimental data on the effect of fibrinolysin on the coronary blood flow. A. G. Ponomareva and others. Biol. eksp. biol. i med. 61 no. 5:24-26 My '66.
- FIBROBLASTS**
 Lysosomes and vital staining of fibroblasts in primary tissue cultures. I. U. K. Klärner. Arkh. anat., gist. i embr. 50 no. 5:60-66 My '66.
 Study of RNA in the cytoplasm of the fibroblasts of connective tissue in the histogenesis and formation of the skin of the golden hamster. G. P. Kokolova. Arkh. anat., gist. i embr. 50 no. 5:80-82 My '66.
- FIELD CROPS**
 Natural conditions for the production of industrial crops in the Podolian Economic Region. N. V. Kuriluk. Ekon. geog. no. 2:138-147 '64.
- FIELD CROPS—DISEASES AND PESTS**
Puchkov, V. G. [Main leaf bugs parasitizing on field crops] Glavnye klop'y-slepniki - vrediteli sel'skokhoziaistvennykh kul'tur. Kiev, Naukova dumka, 1966. 170 p. (DNAL)
- FIELD CROPS—FERTILIZERS AND MANURES** see subdivision under Kuybyshev Province; Lugansk Province
- FIELD MICE** see subdivision under Azerbaijan; Selenga Delta
- FIELD THEORY**
 Elementary theory of maximal normalized fields. Part 2. I. U. L. Ershov. Alg. i log. 4 no. 6:47-48 '65.
 Equilibrium of the radiation of a field with negative energy density. I. A. P. Terletsii. Trudy Un. druzh. nar. 11. Fiz. no. 1:53-57 '65.
- FIELDS, ALGEBRAIC**
Fuchs, L. [Partially ordered algebraic systems. Translated from the English] Chastichno uporядochennyye algebrachesknye sistemy. Moskva, "Mir", 1965. 342 p. (NN)
 Sequences of values of additive arithmetic functions defined on a set of ideals of the field K of the n-th power relative to a field of rational numbers. A. N. Danilov. Uch. zap. Ped. inst. Gerts. 274:69-71 '65.
- FILLERS (CHEMICAL TECHNOLOGY)**
 Relaxation properties of filled polyarylates. G. L. Slonimskii and others. Vysokom. sood. 8 no. 6:1108-1112 Je '66.
- FILMS (CHEMISTRY)**
Apokin, I. A. [Technology of the manufacture of ferromagnetic films] Tekhnologiya izgotovleniya ferromagnitnykh plenok. Moskva, Energiya, 1966. 70 p. (Biblioteka po avtomatike, no. 176)
 Hydrodynamic description of the motion of a latex film. O. S. Chechik, N. I. Smirnov. Zhur. prikl. khim. 39 no. 5:1095-1102 My '66.
- FILMSTRIPS**
 Teachers can make their own filmstrips. V. E. Kozlov. Vest. vyzh. shkoly 24 no. 6:45 Je '66.
 A visual supplement. G. Makold. Bibliotekar' 43 no. 6: 46-49 Je '66.
- FILTERS AND FILTRATION**
 Mechanized sand filters in water purification stations. V. Samilo. Zhil. i kom. khoz. 16 no. 7:25 Ji '66.
Russia (1923- U.S.S.R.). Gosudarstvennyi komitet podol'ma stroitel'stva. [Instructions on designing and assembling dolomite filters for stabilizing water in internal water-supply systems] Ukazaniya po projektirovani i montazhu magnonassovykh fil'trov dlia stabilizatsii vody vnutrennikh sistem vodopostavleniya (SN 332-65). Moskva, Stroizdat, 1966. 28 p.
- FINANCE**
 (see also subdivision under Lugansk Province; Odessa)
Atlas, Z. V. [Business accounting, profitability, and credit] Khozraschet, rentabel'nost' i kredit. [Moskva, Ekonomika, 1966] 41 p. (Ekonomika i novoi khoziaistvennoi reforme v SSSR, no. 5)
 Decisions of the 23d Congress of the CPSU and the tasks of financial organs. V. Garbuzov. Fin. SSSR 40 no. 3: 3-16 My '66.
 Finances in the new five-year plan. G. Chubakov. Fin. SSSR 40 no. 6:3-11 Je '66.
 Fund for the development of production. S. Vorontsov, S. Rubinshtein. Fin. SSSR 40 no. 5:63-68 My '66.
 In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 40 no. 5:92-94 My '66.
 In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 40 no. 6:95-96 Je '66.
 Work in the new way under the new conditions. S. Miroshchenko. Fin. SSSR 40 no. 5:17-26 My '66.
- FINANCE—CONGRESSES**
 Conference of financial workers activists. Fin. SSSR 40 no. 5:94-96 My '66.
- FINANCE—LAW**
Russia (1923- U.S.S.R.). Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. [Program on Soviet financial law for law schools] Programma po sovetskoiu finansovomu pravu dlia iuridicheskikh vysshikh uchebnykh zavedenii. [Moskva] Rosvuzizdat, 1962. 11 p.
- FINANCE—RESEARCH**
 In the Research Institute of Finance. Fin. SSSR 40 no. 5:90-91 My '66.
- FINANCE—STUDY AND TEACHING** see subdivision under Ivanovo Province
- FINANCE, PUBLIC** see subdivision under France; United States
- FINANCIAL EMPLOYEES**
 About good people. V. Lesovoi, Z. Mishchenko. Fin. SSSR 40 no. 6:71-72 Je '66.
- FINLAND—FOREIGN RELATIONS—RUSSIA**
 Soviet-Finnish agreement. Nov. vrem. 24 no. 26:2-3 Je '66.
- FINLAND—POLITICS AND GOVERNMENT**
 The new government of Finland. Mezhdunar. zhizn' 13 no. 7:148 '66.
- FINES (PENALTIES)**
 Application practice of the laws on administrative fines. N. T. Savenkov. Uch. zap. VNIISZ no. 5:161-163 '65.
 Codification and compilation of laws on fines. V. N. Ershov. Uch. zap. VNIISZ no. 5:68-71 '65.
 Ensure the recovery of fines imposed in administrative proceedings. O. S. Kolbasov. Uch. zap. VNIISZ no. 5: 142-146 '65.
- FINISHES AND FINISHING**
 Automatic regulation of coating thickness on coating machines. V. V. Evdokimov, N. I. Kapustin. Izv. vys. ucheb. zav. i tekhn. leg. prom. no. 2:134-143 '66.
- FIR—DISEASES AND PESTS** see subdivision under Caucasus; Krasnoyarsk Territory
- FIRE DEPARTMENTS—LAW AND LEGISLATION**
 Practice of the application of laws on administrative liability by the organs of state fire inspection. N. T. Savelyev, N. M. Kramerov. Uch. zap. VNIISZ no. 5: 169-172 '65.
- FIRST AID IN ILLNESS AND INJURY**
Gurvich, N. L. [Electrotrauma; its prevention and the administration of first aid] Elektrotrauma; profilaktika i okazanie pervoi pomoshchi. Izd. 2. Moskva, Meditsina, 1966. 38 p. (Nauchno-populiarnaya meditsinskaya literatura) (DNLM)
- FISH, CANNED—STERILIZATION**
 Quality of canned fish sterilized at 130°C. B. I. Flau-nenbaum, M. E. Vallavskaya. Izv. vys. ucheb. zav. i pishch. tekhn. no. 3:101-102 '66.
- FISH, SMOKED**
 Improved method of using liquid smoke "Yakhtan" for preparing smoked fish. V. P. Skachkov. Ryb. khoz. 42 no. 5:58-62 '66.
- FISH, SMOKED—MODELS**
 Phenols and carbonyl compounds in fish modeling objects during smoke and smokeless curing. V. P. Skachkov. Izv. vys. ucheb. zav. i pishch. tekhn. no. 3: 59-62 '66.
- FISH PROCESSING PLANTS**
 Distribution of capital investments in building and re-constructing fish processing plants. V. E. Fedakov. Ryb. khoz. 42 no. 5:71-72 '66.
 Methods of rationing raw material used in fish processing combines. E. M. Kinnberg. Ryb. khoz. 42 no. 5:77-79 '66.
- FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES**
 Prospects for using hydraulic cyclones in the fishing industry. I. U. N. Bokiyev, I. V. Kolliar, V. V. Shebagin. Ryb. khoz. 42 no. 5:52-54 '66.
- FISHERIES**
 (see also subdivision under Arctic Ocean; Caspian Sea; Soviet Far East)
 Immediate objectives of the fishery industry workers in a new five-year plan. Ryb. khoz. 42 no. 5:2-4 '66.
 Ships are going out to sea. A. Kotliar. Sov. profsoyuzy 22 no. 13:21-22 Ji '66.
- FISHERIES—ACCOUNTING**
Orlov, B. I. [Accounting in fishing collectives; basic rules] Budgeterskii uchët v rybolovstskikh kollektivakh; osnovnye potozheniya. Moskva, Pischevala promyshlennost', 1966. 187 p.
- FISHERIES—BIBLIOGRAPHY** see Bibliography—Fisheries
- FISHERIES—CONGRESSES**
 Brief news and information. Vop. ikht. 6 no. 2:407 '66.
- FISHERIES—ECONOMIC ASPECTS**
 Works accounting form for sturgeon farms. V. Z. Trusov. Ryb. khoz. 42 no. 5:16-17 '66.
- FISHERIES—RESEARCH**
 Economicomathematical and cybernetic studies at the Atlantic Scientific Research Institute of Marine Fisheries and Oceanography. Ivchenko. Ryb. khoz. 42 no. 5: 69-70 '66.
 First research voyage of the "Akademik Knipovich." D. V. Gerstmanovich. Ryb. khoz. 42 no. 5:5-8 '66.
 International relations in the field of fishery research and fishing industry. Ryb. khoz. 42 no. 5:94-95 '66.
 Underwater observations from the ship "Tuneta." M. L. Zaferman, V. I. Znamenskii. Ryb. khoz. 42 no. 5: 38-40 '66.
 Use of mathematical methods as scientific background of further development of the fishing industry. M. P. Moskalenko. Ryb. khoz. 42 no. 5:87-88 '66.
- FISHERY LAW AND LEGISLATION**
 Regulation of ocean fisheries in international law. A. A. Volkov. Sov. gos. i pravo 36 no. 6:120-124 Je '66.

FISHERY PRODUCTS

[Technology of fishery products] Tekhnologiya rybnikh produktov. [By] V.P. Zaitsev i dr. Moskva, Pishchevala promyshlennost', 1965. 752 p.

FISHERY PRODUCTS—COSTS

Lazunova, A. S., and S. A. Lukoshchik. [Methods of calculating the ways of reducing the costs of fishery products] Metodika kakulirovaniya i puti snabzheniya sebestoimosti rybnol produktov. Moskva, Pishchevala promyshlennost', 1966. 75 p.

FISHERY PRODUCTS—DRYING

Some regularities in the high-temperature processing of fish. B. E. Akimova, A. Z. Shcherbakov. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:103-105 '66.

FISHES

(see also subdivision under Atlantic Ocean; Dubossary Reservoir)

Unified methods of the reconstruction of fish growth by scales. L. F. Sheptikova. Vop. ikht. 6 no. 2:303-313 '66.

FISHES—DISEASES AND PESTS

Use of primary cultures of carp kidney cells in the cultivation of cytopathogenic agents of fish. E. F. Osadchala. Vop. vet. virus. 2:343-351 '66.

FISHES—EGGS

Protoplasmic motility in the eggs of Phoxinus phoxinus. A. F. Turdakova, T. A. Bykasyanova. Vop. ikht. 6 no. 2:405-406 '66.

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD

(see also subdivision under Kakhovka Reservoir)

Changes in feeding habits of the White Sea codfish (Gadus morhua maris albi Derjugin) as related to its size and intraspecific feeding relationships. L. A. Kuderskii. Vop. ikht. 6 no. 2:346-351 '66.

FISHES—MIGRATION

(see also subdivision under Caspian Sea)

Characteristics of the migration of Barents Sea cod in 1964. V. P. Ponomarenko. Ryb. khoz. 42 no. 5:9-11 '66.

FISHES, DEEP-SEA see subdivision under Bering Sea

FISHES, FRESHWATER see subdivision under Don Valley

FISHING—EQUIPMENT AND SUPPLIES

Catching capacity of a hook-and-line gear. V. A. Ionas. Ryb. khoz. 42 no. 5:41-43 '66.

Selection of material and the technology of production of ball floats. V. Savost'yanov. Ryb. khoz. 42 no. 5:33-34 '66.

FISHING BOATS

Once more on the amortization norms of fishing boats. A. V. Sorokin. Ryb. khoz. 42 no. 5:75-76 '66.

FISHING BOATS—EQUIPMENT AND SUPPLIES

Mechanized line for cutting the Kolya herring on floating bases. V. Lepetuk. Ryb. khoz. 42 no. 5:64-66 '66.

FISHING BOATS—MAINTENANCE AND REPAIR

Brief news. Ryb. khoz. 42 no. 5:95 '66.

FISSION PRODUCTS

Detection of a spontaneously fissionable isomer with $T_{1/2} = 2.6$ min in the nuclear reactions: $U^{233} + n^0$ and $U^{233} + n^{10}$. V. I. Kuznetsov, N. K. Skobelev, G. N. Flerov. Izv. fiz. 4 no. 1:99-101 '66.

Penetration of U^{235} fission fragments through H_2 , D_2 , He , N_2 , Ar , Kr , Xe . F. Nasyrov, S. V. L'nev. Atom. energ. 20 no. 6:464-469 '66.

FISTULA, INTESTINAL

Performance of an operation with the aid of an intestinal cannula and postoperative care of the horse. S. P. Podosov, V. A. Orshnikova, C. I. Surikova. Trudy TVI 9:176-180 '65.

FLAME

Geometric characteristics of a hard laminary flame of gas-air and gas-oxygen mixtures. G. T. Tsygankov, S. I. Averin, I. D. Semkin. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:176-179 '66.

Theory of the hydrodynamic stability of a normal flame. S. K. Aslanov. Dop. AN URSS no. 5:576-579 '66.

FLAME PHOTOMETRY

Flame-photometric determination of alkali metals. Report No. 1: Effect of organic acids on the intensity of spectral lines of alkali metals in a flame. I. G. Udelevich and others. Zhur. anal. khim. 21 no. 5: 542-547 '66.

Flame photometric method of determining calcium oxide and soda in a chromite charge. I. B. Bulicheva, M. S. Ulanova. [Trudy] UNIKHM no. 11: 23-25 '64.

Flame photometric method of determining sodium and potassium in ammonium chromate and bichromate (reactive). V. I. Zablakova, I. B. Bulicheva. [Trudy] UNIKHM no. 11:16-18 '64.

Flame photometric method of determining sodium and potassium in ammonium molybdate. I. B. Bulicheva, M. S. Ulanova. [Trudy] UNIKHM no. 11: 94-101 '64.

Influence of flame background on the results of analysis. M. E. Britske, A. N. Savol'eva. Zav. lab. 32 no. 5: 550-554 '66.

FLANGES

Concerning the method for calculating flange connections presented in G. Engleson's article. V. S. Postoev. Energomashinostronit 12 no. 5:11-12 My '65.

Tests of the flange connections of hydraulic turbine and pipeline components. G. Engleson. Energomashinostronit 12 no. 5:8-11 My '65.

FLAT BUGS

Ecologic characteristics of pine bug *Aradus cinnamomeus* in the Buzluk forest. G. I. Andreeva, V. F. Razumova. Sbor. rab. MLTI no. 11:95-104 '64.

FLAVONOIDS

Study of the flavonoid composition of *Physocytisus* plantainoids (L.) G. Don. Lek. i syr. res. Irk. obl. no. 4: 72-77 '65.

FLAVONOIDS—ANALYSIS

Changes occurring in the flavonoids of cherry and sweet cherry during ripening. I. U. G. Skorikova, E. A. Shafan. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:21-25 '66.

FLAX—FERTILIZERS AND MANURES see subdivision under Potatoes

FLAX INDUSTRY see subdivision under Kostroma

FLAX SPINNING

Lazareva, S. E., and others. [Flax spinning with boiling of the roving] Prikladnaya i na vorkol rovnitsy. Moskva, Legkaya industriya, 1966. 124 p.

FLEA BEETLES

Fauna of flea beetles from the genus *Psylliodes* Latreille of the European part of the U.S.S.R. (Coleoptera, Chrysomelidae). D. S. Shapiro. Uch. zap. KHGU M0: 82-107 '63.

FLEAS see subdivision under Baunt District; Voronezh Province

FLESH FLIES

Biology of the reproduction of gray flesh flies (Diptera, Sarcophagidae). N. F. Zakharova. Ent. obozr. 45 no. 2: 294-301 '66.

FLEXURE

Using strain measurement for determining the position of a neutral axis in oblique bending. M. U. Mairanov. Trudy Tadzh. sel'khoz. inst. 7:102-107 '65.

FLIGHT

Akademiya nauk SSSR. Institut morfologii zhivotnykh. [Mechanisms of flight and orientation in birds] Mekhanizmy poleta i orientatsii ptits. Moskva, Nauka, 1966. 222 p.

FLOATING CRANES—ELECTRIC EQUIPMENT

A useful book. I. Domushkin. Rech. transp. 22 no. 8:63 '64.

FLOCCULATION

Flocculated flotation of minerals and ores. G. S. Berger, E. V. Bulatova. Dob. i obog. rud. tsvet. met. no. 3:28-34 '64.

FLOOD FORECASTING see subdivision under Desna River; Trans-Ili Alatau

FLOORING

Polymer materials for covering floors at enterprises of the dairy industry. G. S. Kogan, V. P. Sacheglova, G. F. Slipchenko. Stroim. mat. 12 no. 2:25-27 F '66.

FLOORING, PLASTIC see subdivision under Moscow

FLOORS

Moscow. Tsentral'nyi nauchno-issledovatel'skii institut stroitel'nykh konstruktsii. [Instructions for calculating flooring for impulsive loads] Instruktsiya po raschetu perekrytiy na impul'snye nagruzki. Moskva, Stroizdat, 1966. 133 p.

FLOTATION

Flocculated flotation of minerals and ores. G. S. Berger, E. V. Bulatova. Dob. i obog. rud. tsvet. met. no. 3:28-34 '64.

Some features of the interaction between sodium fluoride and oleic acid in the flotation separation of titanium and zirconium minerals. I. N. Plakina, R. Sh. Shafeev, V. A. Chanturina. Dokl. AN SSSR 168 no. 4:864-868 Je '66.

FLOTATION—EQUIPMENT AND SUPPLIES

(see also subdivision under Kazakhstan)

Automatic control of the pulp level in a flotation machine. E. A. Ivanov, B. I. Rovnashvili. Dob. i obog. rud. tsvet. met. no. 3:39-42 '64.

Mechanism of the interaction of petroleum naphthenic acids and the surface of certain minerals. I. N. Plakina and others. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:124-131 '65.

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut tsvetnykh metallov. [New reagents for the flotation of nonferrous metal ores] Noveye reagenty dlia flotatsii rud tsvetnykh metallov. Moskva, 1965. 15 p.

FLOUR MILLS

(see also subdivision under Bryansk Province; Irkutsk Province; Tetkino, Kursk Province; White Russia) From the practices of the Georgiyevskaya Flour Mill. E. Zarubinskii. Muk. zelez. prom. 32 no. 5:13 My '66.

FLOWMETERS

Electric flowmeter for core drilling in prospecting. G. P. Leont'ev, P. M. Brulman, A. N. Bukin. Razved. i okh. nodr 31 no. 10:20-24 O '65.

Method and device for measuring fluid and gas flow. Transp. i khran. nefi i nefteprod. no. 3:38-39 '65.

Quick-change diaphragm critical flowmeter. A. I. Golik. Nefi i gaz. prom. no. 3:42 My-Je '66.

ShZHU and ShZHU gear flowmeters. Transp. i khran. nefi i nefteprod. no. 3:39-40 '65.

ShZHU and ShZHU gear flowmeters. Transp. i khran. nefi i nefteprod. no. 3:39-40 '65.

ShZHU and ShZHU gear flowmeters. Transp. i khran. nefi i nefteprod. no. 3:39-40 '65.

ShZHU and ShZHU gear flowmeters. Transp. i khran. nefi i nefteprod. no. 3:39-40 '65.

ShZHU and ShZHU gear flowmeters. Transp. i khran. nefi i nefteprod. no. 3:39-40 '65.

ShZHU and ShZHU gear flowmeters. Transp. i khran. nefi i nefteprod. no. 3:39-40 '65.

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ShZHU and ShZHU gear flowmeters. Transp. i khran. nefi i nefteprod. no. 3:39-40 '65.

ShZHU and ShZHU gear flowmeters. Transp. i khran. nefi i nefteprod. no. 3:39-40 '65.

FLUORESCENCE MICROSCOPY (Continued)

Fluorescence microscopic detection of viral ribonucleic acid in irradiated tissue culture infected by the foot-and-mouth disease virus. V.I. Rishov, R.F. Gugin, I.A. Chistakov. Vop.vet.virus. 2:626-627 '66.

FLUORESCENT ANTIBODY TECHNIQUE

Detection of lapinized cattle plague virus in tissue culture cells with the aid of fluorescent antibodies. Z.M. Lukhanova, T.S. TS. Khudayev. Vop.vet.virus. 2:9-14 '66.

Methodological recommendations for the use of fluorescent antibodies for accelerated early laboratory diagnosis of typhoid fever and paratyphoids. S.I. Diakov, M.L. Orzechkina. Voen.-med. zhur. no. 6:55-58 Je '66.

Use of the fluorescent antibody method in the detection of the virus of infectious encephalomyelitis of horses in tissue cultures. K.A. Shishkina, K.A. Gendel'dt-nova. Vop.vet.virus. 2:20-23 '66.

FLUORESCENT LAMPS

Mechanism of the breakdown of fluorescent lamps in startless operational circuits. V. Retner. Sveta-tekhnika 12 no. 6:1-4 Je '66.

FLUORIDES—SPECTRA

Nuclear magnetic resonance and electronic structure of uranium, thorium, and zirconium tetrafluorides. S.P. Gahuda, I.U. V. Gagarinskii, A.G. Lomid. Zhur. struk.khim. 7 no. 2:192-199 My-Apr '66.

FLUORINATION

Fluorinated monocarboxylic acids. L.I. Knuinants, V.V. Shokina, S.P. Khrlakian. Zhur. VKHO 11 no. 3:330-351 '66.

FLUORINE

Characteristics of the concentration of fluorine in water in the regulation of surface runoff under conditions of central Kazakhstan. L.N. Krepkogorskii. Gidrotekhn. mat. 30:74-84 '65.

Processes of interaction of silicon surface with fluorine and hydrogen fluoride. V.V. Tikhonov, N.S. Guseva. Zhur. fiz.khim. 40 no. 5:1054-1069 My '66.

Rapid fluorine determination in nickel and copper tetrafluorates by means of fluorescent indicators. L.K. Ponomareva, G.N. Sharapova. [Trudy] UNIKHM no. 1:61-63 '64.

FLUORINE ORGANIC COMPOUNDS see Organofluorine compounds

FLUOROMETER

New instrument for studying the diffusion of foreign matter in the sea. G.S. Karabanov. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 8:548-550 My '66.

FLUOROSCOPIC DIAGNOSIS see Diagnosis, Fluoroscopic

FLUOSILICIC ACIDS

Photocolorimetric determination of large quantities of fluosilicic and phosphoric acids in the presence of hydrofluoric acid. A.A. Moshkina, I.G. Kozlova. [Trudy] UNIKHM no. 1:86-90 '64.

FOAM

Synthesis of dynamic foam. V.M. Vilenskii, V.IA. Khentov. Zhur. prikl. khim. 39 no. 5:1103-1111 My '66.

FOG

Effect of fog dissipation caused by dynamic influences. S.S. Zilitinkevich. Trudy GGO no. 187:217-220 '66.

Regulation of the intensity of winter steam fogs. M.P. Timofeev. Trudy GGO no. 187:131-138 '66.

FOLDS (GEOLOGY)

(see also subdivision under Aktyubinsk Province)

Stress distribution in a transverse fold, and the formation of salt domes. V.H. Rutermau. Dop. AN URSSR no. 5:609-611 '66.

FOLIAR FEEDING

Effect of foliar feeding with trace elements on the yield and ripening periods of cauliflower. M.V. Syskova. Uch. zap. Ped. Inst. Gerts. 312:155-161 '66.

FOLK DANCING

[Folk dances with a theme] Narodnye sluzhelnnye tanty. Moskva, Sovetskaya Rossiya, 1966. 102 p. (Biblioteka "V pomoshch' khudozhestvennom samodelatel'nosti," no. 12).

FOLK DANCING, UKRAINIAN

Pasternakova, Mariia. [Ukrainian women in choreography] Ukrains'ka zhinka vkhoreografi. 2. dop. vyd. Winnipeg, Nakladom Soluzu ukrainok Kanady, 1964. 238 p. (CoU)

FOLK POETRY

Folk poetry as a historical source in the research of the 1850's and 1860's. I.M. Kolesnitskaia. Trudy Inst. etn. 9:61-81 '65.

FOLK POETRY, UKRAINIAN—HISTORY AND CRITICISM

Akademii nauk URSS, Kiev. Instytut mystetstvovnaz-ska, fol'kloru i etnografi. [Folk poetry] Narodna poetychna tvorchist'. [Kyiv] Radians'ka shkola, [1965] 417 p. (VU)

FOLK SONGS

(see also subdivision under Betozoero region, Tula Province)

A contribution to the history of P.V. Kireevskii's collection; the role of the Iazykov brothers in the collecting. A.D. Solimonov. Trudy Inst. etn. 9:124-144 '65.

FOLKLORE STUDIES

"The historical school" in Russian prerevolutionary folk-lore studies; problems and methodology. V.E. Gusev. Trudy Inst. etn. 9:182-195 '65.

Significance of the Geographical Society in the history of Russian folklore studies. M.K. Azadovskii. Trudy Inst. etn. 9:15-17 '65.

FOMES

Physiology of pine infected with root rot. P.A. Polozheniev, S.F. Negrubakii. Blud. Ob-va Estestvoispyt. 13:75-82 '64.

FOMIN, VASILII VASIL'EVICH, 1884-1942

A loyal Leninist. M. Amusin. Rech. transp. 23 no. 4: 46-47 Ap '64.

FOOD—ANALYSIS

Determination of calcium and stable strontium in food products. F.I. Pavlotskaia, G.P. Levina. Zhur. anal. khim. 21 no. 5:553-557 '66.

FOOD INDUSTRY

(see also subdivision under White Russia)

For further increase in the production of food products. V. Zolov. Sov. torg. 39 no. 6:5-8 Je '66.

Kasper'skaia, E.I., ed. [Food industry] Pishchevala promyshlennosti. Kiev, Tekhnika, 1965. 2 v. (Mezhvedomstvennyi respublikanski naučno-tekhnicheskii sbornik) (MU)

Vyshepan, A.G., and M.E. Meiman. [Food products] Prodovol'stvennye lovary. Izd. 2, ispr. i dop. Moskva, Ekonomika, 1966. 462 p.

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES

[Equipment of the food industry] Ref. zhur.: Obor. pishch. prom. no. 5 My '66.

FOOD INDUSTRY—MANAGEMENT

Organizing the planning and financial work in enterprises of the food industry under new conditions. A.I. Petukhov. Prom. Bel. 9 no. 5:30-31 My '66.

Problems in the development of the food industry. V. Shvarts. Plan. khoz. 43 no. 6:10-23 Je '66.

FOOD INDUSTRY—QUALITY CONTROL

Quality of food products. A. Kruglikov. Sov. torg. 39 no. 6:23-27 Je '66.

FOOD SERVICE

(see also subdivision under Zhdanov)

Serving food to flight crews. A. Mikhailov, R. Beleda. Av. kosm. no. 8:50-51 Je '66.

FOOT-AND-MOUTH DISEASE

Pathomorphology of some organs of suckling mice in foot-and-mouth disease. G.A. Krasnikov. Vop. vet. virus. 2:622-623 '66.

Postinfection and postvaccination immunity of sheep in foot-and-mouth disease. V.K. Murav'ev, V.P. Omur'ev. Vop. vet. virus. 2:455-463 '66.

Precipitating activity of serum protein fractions in foot-and-mouth disease. A.I. Dudnikov and others. Vop. vet. virus. 2:469-475 '66.

Preventive and therapeutic properties of immune serum in foot-and-mouth disease. V.P. Omur'ev, V.K. Murav'ev. Vop. vet. virus. 2:464-468 '66.

Reaction of diffusion microprecipitation for foot-and-mouth disease. V.P. Omur'ev and others. Vop. vet. virus. 2:130-134 '66.

Selection of optimal solvents for the components of the complement fixation reaction in foot-and-mouth disease. G.P. Kornilevskaja, F.P. Kurchenko. Vop. vet. virus. 2:628 '66.

State of some biochemical and immunological indices of the serum of lambs in experimental foot-and-mouth disease. A.P. Prostakov and others. Vop. vet. virus. 2:446-454 '66.

Study of hyperimmune foot-and-mouth disease sera. V.P. Omur'ev and others. Vop. vet. virus. 2:620-621 '66.

Study of the pathogenesis of experimental foot-and-mouth disease in newborn rabbits. N.V. Kudriavtsev and others. Vop. vet. virus. 2:561-566 '66.

Testing cultural antigens in the complement fixation reaction in foot-and-mouth disease. G.P. Kornilevskaja, F.P. Kurchenko, Z.I. Neesterenko. Vop. vet. virus. 2:135-143 '66.

FOOT-AND-MOUTH DISEASE—MICROBIOLOGY

Adaptation of the type O foot-and-mouth disease virus to the culture of rabbit kidney cells. V.T. Noguina. Vop. vet. virus. 2:352-359 '66.

Attenuation of the type SAT-1 foot-and-mouth disease virus in a culture of transplantable SPEV cells. T.E. Kalugina and others. Vop. vet. virus. 2:368-374 '66.

Attenuation of the type SAT-1 foot-and-mouth disease virus in the organism of rabbits and in the culture of primary trypsinized cells of a rabbit's kidney. V.P. Omur'ev and others. Vop. vet. virus. 2:360-368 '66.

Characteristics of the growth of transplantable cells of a swine embryo kidney and the multiplication of the foot-and-mouth disease virus in them. S.Kh. Khaertynov, K.S. Kulikova. Vop. vet. virus. 2:257-264 '66.

Comparative cytopathology of tissue cultures infected by the foot-and-mouth disease virus. F.V. Susnikov, G.P. Kornilevskaja, T.S. Lavrova. Vop. vet. virus. 2:290-292 '66.

Cultivation of the Asia-1 type foot-and-mouth disease virus in the tissue cultures of kitten and rabbit kidneys. M.B. Karpovskii, A.IA. Alekseenok, T.IA. Shuboderova. Vop. vet. virus. 2:298-305 '66.

Cultivation of the SAT-1 type foot-and-mouth disease virus in the tissue culture of a rabbit's kidney and the study of its immunobiological properties. S.I. Voinov, L.A. Zhidkova, L.I. Mutuzkin. Vop. vet. virus. 2:293-297 '66.

Development of optimal conditions for the purification of the lapinized virus of foot-and-mouth disease. A.P. Prostakov and others. Vop. vet. virus. 2:24-30 '66.

Dynamics of the penetration of the foot-and-mouth disease virus tagged with radioactive phosphorus (P^{32}) into tissue culture cells. A.A. Akhmedov, A.IA. Rakits-kain, I.A. Chistakov. Vop. vet. virus. 2:232-235 '66.

Dynamics of the reproduction of the foot-and-mouth disease virus in the kidney cells of a swine embryo and the morphological changes in them. S.Kh. Khaertynov, K.S. Kulikova. Vop. vet. virus. 2:264-270 '66.

Fluorescence microscopic detection of viral ribonucleic acid in irradiated tissue culture infected by the foot-and-mouth disease virus. V.I. Rishov, R.F. Gugin, I.A. Chistakov. Vop. vet. virus. 2:626-627 '66.

Further study of the cultivation conditions for the foot-and-mouth disease virus in a suspension of kidney cells. M.S. Susnikina, A.A. Susnikina, R.I. Lebedeva. Vop. vet. virus. 2:276-283 '66.

Isolation and properties of ribonucleic acid of the foot-and-mouth disease virus. P.A. Sapelkin, A.S. Okovyti, N.B. Shalygina. Vop. vet. virus. 2:164-166 '66.

Prolonged preservation of the foot-and-mouth disease virus in the hematin of the tick Dermacentor pictus Herm. A.M. Lukin. Vop. vet. virus. 2:609-614 '66.

Purification of the foot-and-mouth disease virus tagged with the radioisotopes P^{32} and S^{35} . I.A. Chistakov and others. Vop. vet. virus. 2:31-37 '66.

Sensitivity of some diploid and other transplantable cells to the foot-and-mouth disease virus. S.Kh. Khaertynov, K.S. Kulikova. Vop. vet. virus. 2:252-257 '66.

Sensitivity of some transplantable cells to the foot-and-mouth disease virus. T.E. Kalugina and others. Vop. vet. virus. 2:245-251 '66.

Study of the infectious activity of ribonucleic acid of the foot-and-mouth disease virus. N.K. Glazulina. Vop. vet. virus. 2:167-170 '66.

Study of the type A foot-and-mouth disease virus adapted to the tissue culture of a cattle kidney. A.A. Susnikina and others. Vop. vet. virus. 2:284-289 '66.

Survival of primary trypsinized kidney cells in a suspension during the cultivation of the foot-and-mouth disease virus. G.A. Kudriavtseva, A.A. Susnikina. Vop. vet. virus. 2:271-275 '66.

FOOT-AND-MOUTH DISEASE—PREVENTIVE INOCULATION

Adaptation of the type SAT-1 foot-and-mouth disease virus to adult white mice. V.S. Sobolev and others. Vop. vet. virus. 2:624-625 '66.

Changes in the biological properties of lapinized foot-and-mouth disease virus under the influence of temperature. E.V. Andreev and others. Vop. vet. virus. 2: 476-484 '66.

Immunobiological properties of the attenuated strain of the type O foot-and-mouth disease virus. L.A. Zhidkova and others. Vop. vet. virus. 2:493-497 '66.

Immunobiological properties of the avirulent strain of the foot-and-mouth disease virus. S.I. Voinov, G.A. Kozlovskii, L.A. Kuleshova. Vop. vet. virus. 2:458-503 '66.

Isolation of the vaccine strain of the type A foot-and-mouth disease virus from inoculated animals and some observations on the formation of immunity in them. A.A. Sivirtov. Vop. vet. virus. 2:485-492 '66.

FORAGE PLANTS

(see also subdivision under Trans-Ili Alatau; Yakutia)

Maksimov, D.S. [Cultivation practices for obtaining large crops of perennial grasses] Agrotehnika vysokikh urozhayev mnogoletnikh trav. Moskva, Rossel'khozizdat, 1966. 175 p. (DNAL)

FOREIGN EXCHANGE

Brief information on foreign exchange and banks abroad. Den. i kred. 24 no. 6:83-85 Je '66.

Some foreign exchange problems of capitalism. G. Lopatin. Vnesh. torg. 46 no. 6:28-34 '66.

FOREIGN LABOR see subdivision under Germany, West

FOREST ECOLOGY

(see also subdivision under Desna Valley; Seym Valley)

Effect of ecological factors on the infestation of cockchafers with pathogenic micro-organisms. V.I. Okhotnikov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 2:42-44 '66.

Effect of the burrowing activity of the mole (*Talpa europaea* L.) on the rotation of matter in forest biogeocoenoses. B.D. Abaturov. Dokl. AN SSSR 168 no. 4: 935-937 Je '66.

Growth rhythm in the root systems of some herbaceous plants of oak forests. O.V. Smirnova. Biol. MOIP Otd. biol. 71 no. 2:54-63 Mr.-Ap '66.

Ivanov, A.F., A.V. Ponomareva, and T.F. Derfugina. [Relation of woody plants to the moisture and acidity of soils] Osnovnye drevnykh rastenii k vlazhnosti i kislolnosti pochvy. Minsk, Nauka i tekhnika, 1966. 231 p.

Pearl of southern Transbaikalia. V.A. Frish. Priroda 55 no. 6:74-80 '66.

Quantitative indices of interspecific interrelations in mixed young stands. V.I. Tikhonov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 2:170 '66.

Total evaporation from the forest vegetation. IU. L. Rauner. Izv. AN SSSR, Ser. geog. no. 3:17-20 My-Je '66.

FOREST FIRES—PREVENTION AND CONTROL

Mozhut', V.G. [Safety engineering and fire prevention measures at lumbering camps] Tekhnika bezopasnosti i protivopozharnaya tekhnika na lesozagotovkakh. Izd. 4., perer. Moskva, 1966. 182 p.

Sirovov, V.I. [Safety engineering and fire prevention measures in the construction and use of logging roads] Tekhnika bezopasnosti i protivopozharnaya tekhnika na stroitel'stve i ekspluatatsii lesovoznykh dorog. Moskva, Lesnaya promyshlennost', 1966. 154 p.

FOREST INSECTS

(see also subdivision under Bashkir Preserve; Buzuluk region, Orenburg Province; Ural'sk region)

Population of spruce stumps by trunk pests in the southern subzone of the taiga in the European part of the U.S.S.R. M.A. Lur'e. Izv. vys. ucheb. zav. i les. zhur. 9 no. 2: 38-41 '66.

FOREST INSECTS—BIOLOGICAL CONTROL

Akademii nauk SSSR. Sibirskoe otdelenie. Institut lesa i drevsinny. [Micro-organisms in the control of forest pests] Mikroorganizmy v bor'be s vreditel'nykh lesnogo khozaistva. Moskva, Nauka, 1966. 255 p. (DNAL)

FOREST MANAGEMENT see subdivision under Kazakhstan; Latvia

FOREST PROTECTION see subdivision under Moscow Province

FOREST PROTECTION—RESEARCH see subdivision under Moscow

FOREST REPRODUCTION

Regeneration of Siberian pine stands in burned off areas of the Gornyy Altai. I.A. Korotkov, N.P. Telegin. Izv. vys. ucheb. zav. i les. zhur. 9 no. 2:25-28 '66.

FOREST ROADS—SAFETY MEASURES

Sirovov, V.I. [Safety engineering and fire prevention measures in the construction and use of logging roads] Tekhnika bezopasnosti i protivopozharnaya tekhnika na stroitel'stve i ekspluatatsii lesovoznykh dorog. Moskva, Lesnaya promyshlennost', 1966. 154 p.

FOREST WORKERS see subdivision under Konosha District

FORESTRY LAW AND LEGISLATION

Distinction between administrative and civil law liability when there is a violation of forestry law. E.I. Nemirovskii. Uch. zap. VNIISZ no. 5:59-67 '65.

FORESTS AND FORESTRY

(see also subdivision under Central Chernozem region)

Akademii nauk SSSR. Institut lesa i drevsinny. [Forests of the U.S.S.R. in five volumes] Lesa SSSR v piati tomakh. Moskva, Nauka.

Vol. 2. [Subzone of the southern taiga and mixed forests] Podzona izhnoi taigi i smeshannykh lesov, 1966. 470 p. (DNAL)

[Forestry and forest management] Ref. zhur.; Lesoved. i lesoved. no. 5 My '66. Avtorski ukazatel' za 1965 g. Predmetnyi ukazatel' za 1965 g.

Vasil'ev, P.V. [Treasures of the Soviet forests; discussions on forestry] Sokrovishcha sovetskikh lesov; besedy o lesnom dele. Moskva, Lesnaya promyshlennost', 1966. 188 p. (DNAL)

FORESTS AND FORESTRY—MANAGEMENT see subdivision under Carpathian Mountain region

FORESTS AND FORESTRY—VALUATION

Average form of pine trunks and the determination of the normal form factor. A.S. Golovachev. Izv. vys. ucheb. zav. i les. zhur. 9 no. 2:18-21 '66.

Growth of black alder plantations. M.V. Davidov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 2:7-12 '66.

Quantitative indices of interspecific interrelations in mixed young stands. V.I. Tikhonov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 2:170 '66.

Valuation tables of the current annual increment of individual plantations. M.L. Dvoretzki. Izv. vys. ucheb. zav. i les. zhur. 9 no. 2:171-172 '66.

FORGE SHOPS—EQUIPMENT AND SUPPLIES

Mechanizing the process of the hammer forging of crankshafts. A.A. Bocherov, V.V. Kobleev. Kuz.-shtam. protzv. 8 no. 6:41-43 Je '66.

FORGING

All-Union conference "Technical progress and specialization in forging and stamping." S.M. Khmara. Vest. mashinost. 46 no. 5:86 My '66.

Dynamics of the process of high-speed forging. V.P. Chernichenko, L.G. Grishin, V.N. Iachmeneva. Vest. mashinost. 46 no. 6:50-61 Je '66.

Manufacture of ring-type forgings. I.I. Malev. Kuz.-shtam. protzv. 8 no. 6:3 of cover Je '66.

Measuring and calculating friction forces during plastic metal flow between flat dies. G.I. Maslovich. Trudy MEI no. 61 pt. 1:91-101 '65.

Plastic flow of metal in a closed groove. G.I. Maslovich. Trudy MEI no. 61 pt. 1:153-160 '65.

Precision upsetting of rod-type flanged parts using local induction heating. A.E. Tserna, V.A. Egorov, G.G. Solodenko. Kuz.-shtam. protzv. 8 no. 6:44 Je '66.

Theory of plastic deformation during upsetting in grooves. P.I. Polukhin, V.S. Berkovskii, G.I.A. Gun. Trudy MEI no. 61 pt. 1:138-151 '65.

FORGING MACHINERY—DESIGN AND CONSTRUCTION

Calculation of forces of upsetting. G.I. Maslovich. Trudy MEI no. 61 pt. 1:33-42 '65.

Prospects for expanding the manufacture of press forging machines. Kuz.-shtam. protzv. 8 no. 6:1 Je '66.

FORMALDEHYDE

Interaction of some arylolofins with formaldehyde in the presence of KU-2. V.I. Isagullants, M.G. Safarov. Zhur. prikl. khim. 39 no. 5:1148-1154 My '66.

Reactions in anhydrous hydrogen fluoride. Condensation of formaldehyde with haloaldehydes in HF. L.S. German, I.L. Kuntants, Zhur. VkhO 11 no. 3:354-355 '66.

FORMAMIDE

Monoorganosilanes. Part 9: Association with dimethylformamide studied by means of proton magnetic resonance. I.E. Saratov, V.O. Reikhsfeld. Zhur. ob. khim. 39 no. 6:1069-1074 Je '66.

Reaction of carboxylic acid chlorides with dimethylformamide. I.L. Kuntants, IU.A. Cheburkov, IU.E. Aronov. Izv. AN SSSR, Ser. khim. no. 6:1038-1047 '66.

FORMAMIDE—ELECTRIC PROPERTIES

Electric conductivity of some dimethylformamide solutions. F.K. Andriushchenko, K.G. Parfenova, O.A. Slotin. Elektrokhimia 2 no. 6:741-745 Je '66.

FORMAZANS

Series of aryl hydrazones, substituted-derivatives of glyoxylic acid. Part 9: Synthesis of asymmetric 1,5-dialkyl-3-cyanoformazans. R.G. Dubenko, V.D. Panchenko. Zhur. org. khim. 2 no. 4:708-710 Ap '66.

FORMIC ACID

Thermodynamic properties of electrolytes in nonaqueous solutions. Part 20. G.P. Kotliarova, E.F. Ivanova. Zhur. fiz. khim. 40 no. 6:907-1000 My '66.

FORMS, QUADRATIC

Solution of an integral problem of quadratic programming. V.V. Baskurov. Zhur. vych. mat. i mat. fiz. 6 no. 3: 600-601 My-Je '65.

FOSSIL LAMELLIBRANCHIATA see Lamellibranchiata, Fossil

FOSSIL POLLEN see Pollen, Fossil

FOTINA, Saint Martyr, d. 66

Saint Martyr Fotina. Hieromonk Agafangel. Zhur. Mosk. Patr. no. 4:62-64 '66.

FOUNDATIONS

Klepikov, S.N. [Calculating frameless large-panel buildings for uneven settlement of the foundation beds] Raschet beskarakannykh krupnopanel'nykh zdani na neravnomernye osadki osnovani. Kiev, Budvel'nyk, 1966. 96p.

FOUNDING

Makarov, L.S., and I.Z. Uretskii. [Casting of the rotors of large electrical motors] Zaliyka rotorov elektrodvigatel' bol'shikh gabaritov. Moskva, Energiya, 1966. 128 p.

FOUNDING—CONGRESSES

Problems of the theory of founding processes; 12th conference. V.M. Runkov. Vest. AN SSSR 36 no. 6:89-90 Je '66.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Gorskii, A.I., Geller, R.I., and L.F. Lomonosov. [Design of machines used in founding] Raschet mashin litelnogo proizvodstva. Moskva, Mashinostroenie, 1966. 403 p.

Some problems in the specialization of the founding machinery industry. N. Ivashkina. Plan. khoz. 43 no. 7:86-88 Ji '66.

FOURIER SERIES

The Gibbs phenomenon for Fourier-Jacobi series. V.S. Shvegladze. Uch. zap. Ped. inst. Gerts. 271:213-222 '65.

Summability of Fourier series in eigenfunctions by averages of Riesz, Cesaro, and Poisson—Abel. V.A. Il'in. Dif. urav. 2 no. 6:816-827 Je '66.

FOXES see subdivision under Azerbaijan

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTIONS, CONTINUED

Method of continued fractions in some problems in the theory of solids. V.E. Vdovin. Zhur. teoret. khim. 7 no. 2:267-272 Mr.-Ap '66.

FRACTURE OF SOLIDS

Integrals of equations for critical two-dimensional stress equilibrium for brittle materials. I.V. Mskarov. Fiz.-tekhn. prob. razrab. pol. tekhn. no. 3:28-34 '65.

FRANCE—COMMUNIST PARTY

For the unity and concerted action of the democratic forces of France. Part. zhizn' no. 14:64-69 Ji '66. Pre-election political program of the French Communist Party. Part. zhizn' no. 14:70-73 Ji '66.

FRANCE—CULTURE

Five exhibitions in Moscow. V. Rozen. Nov. vrem. 24 no. 20:10-19 Je '66.

FRANCE—FINANCE, PUBLIC

What French monopolies are displeased about. V. Vasil'eva. Mir. ekon. i mezhdunar. otn. no. 6:101-103 '66.

FRANCE—FOREIGN ECONOMIC RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES Goncharov, A.N. [French trusts in "Little Europe," Treaty of Frankfurt v "Matot Europe." Pod red. E.P. Pletnova. Moskva, IMO, 1966. 187 p.

FRANCE—FOREIGN RELATIONS—RUSSIA

Foreign press on French-Soviet talks. P. Efimov. Nov. vrem. 24 no. 21:7-9 Ji '66.

France and the Soviet Union. Nov. vrem. 24 no. 28: 3-4 Ji '66.

France and the U.S.S.R.: a dialogue extended. Commentator. Mezhdunar. zhizn' 13 no. 6:60-74 '66.

President de Gaulle in Moscow. Nov. vrem. 24 no. 26: 1-2 Je '66.

Soviet-French cooperation and European security. V. Iur'ev. Mezhdunar. zhizn' 13 no. 8:8-15 '66.

FRANCE—HISTORY

Lubinskaya, A.D., ed. [Internal policy of French absolutism, 1633-1649] Vnutrennaya politika frantsuzskogo absolutizma, 1633-1649 gg. Moskva, Nauka, 1966. 404 p. [In Russian and French]

Political role of townspeople in the French States-General of the early 14th century. N.A. Denisova. Vest. Mosk. un. Ser. 9: Iel. 21 no. 3:56-60 My-Je '66.

FRANCE—PATENT LICENSES

Patenting inventions in the B 62d class in France in 1965. L.D. Nefedov. Vop. izobr. no. 1:37- Ja '66.

FRANCE—PEASANT UPRISINGS

Problem of peasant movements in France before the great bourgeois revolution of the 18th century. A.V. Ado. Vest. Mosk. un. Ser. 9: Ist. 21 no. 3:36-55 My-Je '66.

FRANCE—POLITICAL CLUBS

Political clubs in France. V. Kolesnikov. Mezhdunar. zhizn' 13 no. 8:145-146 '66.

FRANCE—POLITICS AND GOVERNMENT

For the unity and concerted action of the democratic forces of France. Part. zhizn' no. 14:64-69 Ji '66.

FRANCE—POWER ENGINEERING—EMPLOYEES

Meetings and discussions with French power engineering workers. Energetik 14 no. 6:31-32 Je '66.

FRANCE—RELATIONS (GENERAL) WITH EASTERN EUROPE

East-West. V. Levin. Nov. vrem. 24 no. 32:16-17 Ag '66.

FRANCE—REVOLUTION

Iannissian, A.R. [Communist ideas during the years of the Great French Revolution] Kommunisticheskie idei v gody Velikoi frantsuzskoi revoliutsii. Moskva, Nauka, 1966. 429 p.

FRANCE—SOCIALIST PARTY

Salychev, S.S. [Ideology and policy of the French Socialist Party, 1944-1964] Ideologiya i politika Frantsuzskoi sotsialisticheskoi partii (1944-1964 gg.). Moskva, Mysl', 1966. 503 p.

FRANCE—TRUSTS, INDUSTRIAL

What French monopolies are displeased about. V. Vasil'eva. Mir. ekon. i mezhdunar. otn. no. 6:101-103 '66.

FRANKLIN, BENJAMIN, 1706-1790

260th anniversary of the birth of Benjamin Franklin. V.V. Dombrovskii. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:586-587 '66.

FRANKO, IVAN, 1856-1916

[Ivan Franko; his life, public activity, and literary work] Ivan Franko: zhyttia, hromada'ka dilal'nist' i literatura tvorchist'. New York, Liga amerykanskyykh ukrains'kykh, 1966. 128 p. (Do 100-richehla z dnia narodzhennia) (U)

Ivan Franko's educational ideas. V. Smal'. Nar. obr. no. 6:92-93 Je '66.

Ivan Franko's views on the state and law. V. Sokurenko. Rad. pravo 29 no. 5:8-12 My '66.

Kalendar Ukrainy'koho Holosu. [jubilee calendar-almanac of the "Ukrainy'ky Holos" for 1966; dedicated to the 75th anniversary of the first Ukrainian settlement in Canada and the 50th anniversary of Ivan Franko's death] IUVileinyi kalendar-al'manakh Ukrainy'koho Holosu; pryvlyachenyi 75-litlu ukrains'koho poselennia v Kanadi i 50-litlu z dnia smerty Ivana Franka. Na zvychalnyi rik 1966. Wimplog, Nakl. i drukom Vydavnychoi spilky "Trizub," 1966. 100 p.

FREEDOM OF CONSCIENCE see Liberty of conscience

FREIGHT AND FREIGHTAGE

(see also subdivision under Lvov-Volyn' Basin)

Cargo shipping costs in river and other transportation types. Sh. Blank. M. Vul'fson. Rech. transp. 22 no. 8:3-5 Ag '64.

FREIGHTERS see subdivision under Australia

FRENCH LANGUAGE—DICTIONARIES—RUSSIAN

Visloukh, L.A., and others comps. [French-Russian railroad dictionary. 25,000 terms] Frantsuzsko-russkii zheleznodorozhnyi slovar'. 25 000 terminov. Pod red. A.G. Faina. Moskva, Sovetskii Entsiklopedii, 1966. 616 p.

FRENCH LITERATURE see subdivision under Africa, North

FRENCH LITERATURE—HISTORY AND CRITICISM

Lovtsova, O.V. [French literature, 1917-1965] Literatura Frankii (1917-1965). Izd. 2. Moskva, Vysshia shkola, 1966. 223 p.

FREQUENCY CHANGERS

Origulovich, V.I., and I.A. Immoreov. [Radio pulse frequency converter] Radiimpul'snye preobrazovaniye chastoty. Moskva, Sovetskoe radio, 1966. 334 p.

Power factor of a frequency converter without a d.c. link. I.A. Bernshtein. Elektrotehnika 37 no. 6: 45-49 My '66.

Stabilized static frequency converters using magnetic elements. L.F. Alekseev, V.S. Melnikov. Trudy VNI no. 73:213-222 '66.

FREQUENCY MULTIPLIERS

Frequency multiplication using a diffusion capacitance. V.N. Parygin, N.K. Meneshtin. Radiotekh. i elektron. 11 no. 7:1275-1284 Ji '66.

Possibility for constructing chain-type frequency doublers with tunnel diodes without intermediate amplifiers. I.U. L. Simonov, A.I. Falner. Radiotekh. i elektron. 11 no. 7:1345-1346 Ji '66.

FREQUENCY REGULATION

Shakhgildian, V.V., and A.A. Likhovskii. [Automatic phase frequency regulation] Fazovaya avtopodstroika chastoty. Moskva, Sviaz', 1966. 333 p.

FRESH WATER—COMPOSITION

Strontium in fresh water. G.A. Serebri, TS.I. Bobynikova. Gidrokhim. mat. 39:85-90 '65.

FRESHWATER FAUNA see subdivision under Kuybyshev Reservoir; Rybinsk Reservoir

FRESHWATER FLORA see subdivision under Balkal, Lake; Barguzin Valley; Selenga Delta

FRICTION

Coefficient of friction of tobacco. V.S. Pashkov, A.S. TSvintarnyi. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3: 131-133 '66.

Doment'ev, Kh. N. [Devices and units for testing friction pairs and joints used in the manufacture of machinery] Priboyi i ustanovki dlia ispytaniia par treniia i soedinenii, primeneniemykh v mashinostroenii. Rostov-na-Donu, 1964. 91 p. (Rostov-on Don, Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov, no. 49)

Lubricating effect of organic inclusions in electrodeposits of metals. Sh. Z. Zakirov. Trudy Tadzh. sel'khoz. inst. 7:46-48 '65.

FRICTION—MEASUREMENT

Attachment to a MAST-1 friction-testing machine for determining the antifriction properties of plastics. B.I. Kupel'man. Zav. lab. 32 no. 5:612-613 '66.

Measuring friction forces and calculating the coefficient of friction during plastic metal flow in a closed groove. G.I. Masalovich. Trudy MEI no. 61 pt. 1:103-111 '65.

FRICTION MATERIALS

Investigating antifriction properties of a composition based on capron. D.S. Makhmudov, A. Pulatov. Trudy Tadzh. sel'khoz. inst. 7:56-70 '65.

FRIGATE-BIRDS see subdivision under Komsomolsk-on-Amur region

FRIT FLIES see subdivision under Soviet Central Asia

FRONTS (METEOROLOGY)

Manifestation of the correlations of atmospheric processes in the characteristics of jet streams and planetary frontal zones of extra-tropical latitudes. E.V. Vorob'eva, V.I. Vorob'ev. Trudy GGO no. 199:43-52 '66.

FROST RESISTANT CONCRETE

Effect of the composition of concrete on its resistance to frost. O.V. Kuntsevich, P.E. Aleksandrov. Sbor. trud. LITIZIT no. 230:69-88 '65.

FROZEN POULTRY see Poultry, Frozen

FRUIT—DISEASES AND PESTS see subdivision under Kazakhstan

FRUIT CULTURE

Grafskii, M.G. [Vladimir orchards and farms] Vladimirske sady i fermy. Moskva, Kolos, 1966. 217 p. (DNAL)

Reznichenko, A.G. [Orchard; the structure, development, and fruiting of plants] Plodovyi sad; stroenie, razvitiie i plodonosenie rastenii. Moskva, Nauka, 1966. 224 p. (Nauchno-populnarnaiia seriia) (DNAL)

FRUIT JUICES

Electric methods of extracting juices from vegetable raw materials. E.V. Rashed'ko, A.A. Mamakov. Elek. obr. mat. no. 3:71-76 '65.

FRUIT TREES see subdivision under Tajikistan

FRUIT TREES—FROST RESISTANCE

Effect of temperatures below freezing point on the relative amounts of sugars in fruit trees and the relation between their changes and the frost resistance of plants. I.V. Ogolevets. Fiziol. rast. 13 no. 3:501-508 My-Je '66.

FRUIT WINES see subdivision under Minsk

FRUNZE DISTRICT—ECONOMIC GEOGRAPHY

Southwestern districts of Osh Province. V.V. Grachko. Izv. Kir. fil. Geog. ob-va SSSR no. 5:11-24 '65.

FUEL

(see also subdivision under Armenia)

Efficient utilization of fuel in industrial enterprises. O.N. Bagrov, V.N. Marinov, I.D. Diev. Prom. energ. 21 no. 5:4-6 My '66.

Goncharov, V.M., and L.G. Murzin. [Fuel, lubricant, water] Toplivo, smazka, voda. Izd. 3., perer. i dop. Moskva, Transport, 1966. 175 p.

Moscow. Institut goruchikh iskopaemykh. [New methods of burning fuel and problems of the theory of combustion] Nove metody szhiganiia topliv i voprosy teorii goreniia. Moskva, Nauka, 1965. 205 p.

Nonogram for determining excessive air in incomplete combustion of fuel. L.A. Vil'ner, P. Galaida. Teploenergetika 13 no. 5:91 My '66.

Problems of contamination and corrosion of the heating surfaces of steam generators during the burning of solid fuels. I.P. Epik. Izv. vys. ucheb. zav.; energ. 9 no. 6:45-52 Je '66.

Solid, liquid, and gaseous fuel. I.V. Karmoskii. Uch. zap. Ped. inst. Gerts. 312:182-191 '66.

Special features of the use of fuels with a high content of calcium oxide in ashes in electric power plants. N.G. Zalogin. Teploenergetika 13 no. 5:50-55 My '65.

FUEL—TRANSPORTATION

Some problems in the method of branch regionalization; based on the example of the fuel industry. F.D. Zastavnyi. Ekon. geog. no. 2:14-22 '64.

FUEL PUMPS

Plunger pair of the fuel pump in an electromechanical lubricant charger. V. Brenin. Avi. transp. 44 no. 6: 17-18 Je '66.

FULVIC ACID

Constants of the instability of complex compounds of heavy metals with fulvic acids. Constants of the ionization of fulvic acids at 25° C. V.I.A. Ereminenko, N.P. Chekhunova. Gidrokhim. mat. 39:156-162 '65.

FUNCTIONAL ANALYSIS

Numerical differentiation. T.F. Dolgopoleva, V.K. Ivanov. Zhur. vych. mat. i mat. fiz. 6 no. 3:570-576 My-Je '66.

Semiordeed analogue of the π -space. O.S. Korsakova. Uch. zap. Ped. inst. Gerts. 274:150-161 '65.

Topology of functional spaces. S.I. Al'ber. Dokl. AN SSSR 168 no. 4:727-730 Je '66.

Variational problem containing a small parameter. V.D. Kopychenov. Dif. urav. 2 no. 6:799-815 Je '66.

FUNCTIONS

Best numerical quadrature formulas for random functions of a special type. R.L. Kagan. Trudy GGO no. 191: 77-95 '66.

Concerning the VAV reduction class. V.F. Kostyrko. Kibernetika no. 1:17-22 Ja-F '66.

Convolution-type integral equations in a class of generalized functions. V.B. Dybin, N.K. Karapetians. Sib. mat. zhur. 7 no. 3:531-545 My-Je '66.

Imbedding theorems for functions in certain domains. Part 1. S.V. Uspenskii. Sib. mat. zhur. 7 no. 3:650-663 My-Je '66.

A quadrature formula containing special arithmetic functions. S. Shushbaev. Vop. vych. mat. i tekhn. no. 7:43-53 '65.

Sequences of values of additive arithmetic functions defined on a set of ideals of the field K of the n -th power relative to a field of rational numbers. A.N. Danilov. Uch. zap. Ped. inst. Gerts. 274:59-71 '65.

Some errors originating in discrete representation of continuous functions. M.S. Nemirovskii. Radiotekh. i elektron. 11 no. 6:993-995 Ja '66.

FUNCTIONS, ANALYTIC

Integral transformations in a class of p -analytic functions with the characteristic $p = \infty$. N.O. Pakhariev, N.O. Vircenko. Dop. AN URSSR no. 5:568-592 '66.

Markushevich, A.I. [Short course in analytic functions] Kratki kurs teorii analiticheskikh funktsii. Izd. 3., ispr. i dop. Moskva, Nauka, 1966. 387 p.

Relation between the growth of an analytic function in a circle and the moduli of coefficients of its expansion into Taylor's series. M.M. Sheremeta. Dop. AN URSSR no. 6:729-732 '66.

Universal integral formula for multicircular domains in n -dimensional complex space. S.G. Gindikin. Sib. mat. zhur. 7 no. 3:708-712 My-Je '66.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CONTINUOUS

Expansion of matrix functions by the solutions to a spectral problem. N.A. Aliev. Dif. urav. 2 no. 6: 847-852 Je '66.

Uniform approximation and steady continuation of functions in topological spaces. V.P. Panfiliyev. Uch. zap. Ped. inst. Gerts. 274:162-163 '65.

Uniform convergence of convex functions in a closed region. I.I.A. Guberman. Uch. zap. Ped. inst. Gerts. 274:7-17 '65.

FUNCTIONS, ORTHOGONAL

A method for deriving biorthogonal systems. M.I. Isralov. Vop. vych. mat. i tekhn. no. 7:3-10 '65.

FUNCTIONS OF COMPLEX VARIABLES

Herve, Michel. [Functions of several complex variables; local theory. Translated from the English] Funktsii mnogikh kompleksnykh peremennnykh; lokal'naya teoriya. Moskva, Mir, 1965. 164 p. (RBP)

FUNCTIONS OF COMPLEX VARIABLES—STUDY AND TEACHING

Theory of elementary functions of a complex variable as taught in a pedagogical institute. I. A. Egorova. Uch. zap. Ped. Inst. Gerts. 274:223-301 '65.

FUNCTIONS OF REAL VARIABLES

Bourbaki, Nicolas, pseud. [Functions of real variables; elementary theory. Translated from the French] Funktsii deistvitel'nogo peremennnogo; elementarnaya teoriya. Moskva, Nauka, 1965. 424 p. (His Elementy matematiki) (NIC)

FUNGI, PHYTOPATHOGENIC

(see also subdivision under Kirghizistan)
Effect of polyenic antibiotics on phytopathogenic fungi in vitro. A. N. Egorenkova. Antibiotiki 9 no. 10:819-823 O '64.

FUNGICIDES

Action of tetramethylthiuram disulfide and zinc on the biochemical processes of plants infested with Ascochyta. V. P. Milova, E. N. Skendzova. Khim. v sel'. khoz. 4 no. 2:39-33 F '66.

FUR—DRESSING AND DYEING

At the seminars of the Scientific and Technical Society of Light Industry. Kozh.-obuv. prom. 7 no. 2:38-40 F '66.

FUR GARMENTS see subdivision under Kazan

FURALDEHYDE

Catalysts for the production of furfural. V. K. Kononov, V. I. Sharkov. Izv. vys. ucheb. zav. i. pishch. tekhn. no. 3:108-110 '66.

Catalytic effect of salts on the decomposition of xylose and the yield of furfural. V. K. Kononov, V. I. Sharkov. Izv. vys. ucheb. zav. i. les. zhur. 9 no. 2:142-150 '66.

FURAN

Chemistry of unsaturated compounds. Part 1: Addition of 2,3-dichlorotetrahydrofuran to 2-chloro-1,3-butadiene and conversions of trichloride obtained. S. A. Vartanian, A. O. Tsoulian, R. A. Kurcjan. Zhur. org. khim. 2 no. 4:610-615 Ap '66.

FURMANOVKA GAS FIELD—GAS FIELD DEVELOPMENT

Analysis of the development of gas pools with small oil rings as exemplified by the Furmanovka field. B. F. Artemov. Gaz. delo no. 6:7-12 '66.

FURNACES

Burning of Ekibastuz coal in a stand-type cyclone furnace with liquid slag removal. A. B. Reznikov and others. Probl. teploenerg. i prikl. teplofiz. no. 2:11-16 '65.

Effect of "kinetic" factors on the behavior of particles in a cyclone chamber. I. P. Basina, A. V. Tonkonogii, O. I. Ugai. Probl. teploenerg. i prikl. teplofiz. no. 2:124-132 '65.

Furnace design of the BKZ-75-39 boiler. V. G. Zaitsev. Energetik 14 no. 5:13-14 Je '66.

Heat transfer in furnace screens during the burning of natural gas. P. A. Rybalkin. Izv. vys. ucheb. zav. i. energ. 5 no. 5:71-75 My '66.

Some data on heat transfer and resistance in a rectilinear channel with a ray absorbing surface. N. T. Spodyriak, S. S. Agureikin, P. I. Saltykov. Probl. teploenerg. i prikl. teplofiz. no. 2:11-16 '65.

aerodynamics of a cyclone chamber action of rotation. IU. A. Ivanov. vys. ucheb. zav. i. energ. 9 no. 5:

film on the walls of a cyclone chamber. Probl. teploenerg. i prikl. teplofiz. no. 2:11-16 '65.

AND CONSTRUCTION

nace-building operations] Pechnye kva, Vysshaya shkola, 1966. 239 p.

M. M. Efros. [Metal heating in open-naces] Nagrev metalla v plamenonagrevatel'nykh ustanovkakh. Pod amneva. Moskva, Mashgiz, 1958.

heating of ingots from the tarikov, V. A. Derkach. Izv. vys. sh. 9 no. 5:180-184 '66.

—DESIGN AND CONSTRUCTION

temperature furnaces. E. L. orochkin, B. I. A. Gladikh, Kuz. 6:36-41 Je '66.

FURNITURE INDUSTRY

Semiautomatic line for varnishing panel furniture. I. K. Stanishchik. Der. prom. 15 no. 5:28-29 My '66.

Use of larch in the production of furniture. O. V. Kochenovskii. Der. prom. 15 no. 5:23 My '66.

FURNITURE INDUSTRY—LABOR PRODUCTIVITY

Possibilities of increasing labor productivity in the furniture industry. IU. V. Mikheev. Der. prom. 15 no. 5:16-17 My '66.

FUSARIUM—TOXICOLOGY

Clinical and hematological changes in experimental fusariotoxicosis in swine. N. A. Akulin. Izv. Kulb. SKH 17:231-256 '65.

FUSED SALTS

Electrode potentials Mo/Mo^{2+} , Mo/Mo^{3+} , oxidation-reduction potential Mo^{2+}/Mo^{3+} , and equilibrium constants of the reaction $2Mo^{3+} + Mo^{2+} \rightleftharpoons 3Mo^{4+}$ in fused alkali metal chlorides as dependent on the radius of their cations. M. V. Smirnov, O. A. Ryzhik. Trudy Inst. elektrokhim. UFAN SSSR no. 7:27-35 '65.

Electrode potentials of titanium in fused alkali metal chlorides. N. A. Logonov, M. V. Smirnov, B. G. Rossokhin. Trudy Inst. elektrokhim. UFAN SSSR no. 7:9-16 '65.

Enthalpy of dissolution of beryllium di- and monochlorides in fused alkali metal chlorides. M. V. Smirnov, A. P. Khatmenov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:3-8 '66.

Equilibrium between molybdenum and its ions in fused cesium chloride. O. A. Ryzhik, M. V. Smirnov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:21-26 '65.

Equilibrium constant of the reaction $2Ti(III) \rightleftharpoons Ti(IV) + Ti(II)$ in fused alkali metal chlorides and the thermodynamics of titanium di- and trichloride formation in fused alkali metal chlorides. B. G. Rossokhin, M. V. Smirnov, N. A. Logonov. Trudy Inst. elektrokhim. UFAN SSSR no. 7:17-19 '65.

Formation of acylium cations from carboxylic acids in a fused mixture of aluminum chloride and sodium chloride. A. M. Komagorov, I. K. Baeva, V. A. Koptug. Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:147-150 '66.

Obtaining continuous cathodic deposits in the electrolysis of fused chloride baths containing $NbCl_5$. L. E. Ivanovskii, M. T. Kravtchuk. Trudy Inst. elektrokhim. UFAN SSSR no. 7:66-72 '65.

Zirconium corrosion in an $NaCl-KCl$ melt in the atmosphere of air and chlorine. V. P. Volodin, M. V. Smirnov, I. N. Ozerianina. Trudy Inst. elektrokhim. UFAN SSSR no. 7:83-89 '65.

FUSED SALTS—ELECTRIC PROPERTIES

Effect of lower titanium chlorides on the electrode potentials of some metals in fused salts. N. I. Anufrieva. Elektrokhimia 2 no. 6:729-731 Je '66.

GADOLINIUM—ELECTRIC PROPERTIES

Temperature dependence of the Hall effect in gadolinium in the 4.2 - 370° K range. N. V. Volkenshtein, G. V. Fedorov. Fiz. met. i metalloved. 18 no. 1:26-30 Ji '64.

GADOLINIUM—MAGNETIC PROPERTIES

Magnetic structure of gadolinium. K. P. Belov, IU. V. Ergin. Izv. AN SSSR, Ser. fiz. no. 6:975-970 Je '65.

GADOLINIUM ISOTOPES—DECAY

Gd^{146} decay scheme. M. P. Avotina and others. Izv. AN SSSR, Ser. fiz. 30 no. 7:1204-1209 Ji '66.

GAHNITE see subdivision under Ukraine

GAKKEL', IAKOV IAKOVLEVICH, 1900?-1965

IAkov Iakovlevich Gakkel'; obituary. S. IU. Geller and others. Izv. AN SSSR, Ser. geog. no. 3:149-150 My-Je '66.

In memory of IA. IA. Gakkel'. M. I. Belov, P. S. Voronov. Izv. Vses. geog. ob-va 98 no. 3:209-271 My-Je '66.

GALACTOSE

Synthesis of 1-C-substituted galactonucleosides. IU. A. Zhdanov and others. Zhur. ob. khim. 39 no. 6:1025-1029 Je '66.

GALAKHOV, NIKOLAI NIKOLAEVICH, 1899-1960

Nikolai Nikolaevich Galakhov; obituary. A. I. Budagovskii. Izv. AN SSSR, Ser. geog. no. 3:151 My-Je '66.

GALAXIES

Photometry of the galaxy NGC 2841. B. P. Artamonov, B. A. Vorontsov-Vol'minov, E. A. Dibai. Astron. zhur. 43 no. 3:557-559 My-Je '66.

Possible kind of stable particles in metagalaxy. K. P. Staniukovich. Dokl. AN SSSR 166 no. 4:781-784 Je '66.

GAL'CHIYA MOUNTAIN—SYRPHUS FLIES

Study of syrphus flies from the family Syrphidae (Diptera) in the preserve areas of the Gal'chlya Mountain (Lipetsk Province). K. V. Skufin. Okhr. priro. TSentr. Chern. pol. no. 5:165-172 '64.

GALL GNATS see subdivision under Soviet Far East

GALLBLADDER—DISEASES

Effect of balneological and mud procedures on the motor function of the gallbladder in patients with chronic cholecystitis; based on cholecystographic data. I. P. Kozakovskii. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 2:164-167 Mr-Ap '66.

GALLBLADDER—INNERVATION

Some changes in the cardiovascular system and peripheral blood in mechanical stimulation of the gallbladder. I. K. Makhatadze. Trudy Inst. ekop. i khim. khir. i gemat. AN Gruz. SSR 8:239-245 '69.

GALLBLADDER—RADIOGRAPHY

Effect of balneological and mud procedures on the motor function of the gallbladder in patients with chronic cholecystitis; based on cholecystographic data. I. P. Kozakovskii. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 2:164-167 Mr-Ap '66.

GALLINAE see subdivision under Azerbaijan

GALLIUM

(see also subdivision under Azov Sea region; Transbaikalia)

Geochemistry of gallium in the high-temperature post-magmatic processes. V. S. Milschenko, V. P. Kula, L. A. Orlova. Geokhimiia no. 4:443-452 Ap '66.

GAME AND GAME BIRDS see subdivision under Khamar-Daban Range; Siberia, Western

GAMMA-RAY SPECTROMETRY

Problem of intranuclear effect in internal conversion. M. E. Volkonskii, M. A. Iatongarten, A. P. Feresin. Izd. fiz. 4 no. 1:60-71 Ji '66.

Use of the γ -spectroscopy method for studying adsorption. L. A. Medvedeva, M. A. Dembravskii. Zhur. prikl. khim. 39 no. 5:1111-1117 My '66.

GAMMA RAYS

Study of γ -rays from the reaction of inelastic scattering and radiative capture of protons by Mg^{20} isotope. A. A. Kovnii and others. Izv. AN SSSR, Ser. fiz. 30 no. 7:1213-1220 Ji '66.

GAMMA RAYS—DOSAGE

Using cellulose triacetate films in determining spatial distribution of the absorbed dosage of Co^{60} gamma radiation. O. P. Verkhogradskii, I. N. Chervetova, A. M. Kobakht. Atom. energ. 20 no. 6:512 Je '66.

GAMMA RAYS—EFFECT ON PLANTS see Plants, Effect of gamma rays on

GAMMA RAYS—MEASUREMENT

Measurement of high doses and fluxes of gamma rays by the photoactivation of isomeric nuclear states. I. A. Abrams, L. L. Pelekis, I. A. Turov. Atom. energ. 20 no. 5:434-435 My '66.

Thick-walled ionization chamber as a monitor for measuring the intensity of γ -rays with an energy up to 100 mev. A. K. Kaminski, E. S. Janukii. Trudy Un. druzh. nar. 11, Fiz. no. 1:116-127 '65.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Blood proteins of rats following radiation injury. K. P. Kashkin, S. V. Alekandrova. Radiobiologiya 6 no. 3:362-368 '66.

Changes in bones in rabbits following γ -irradiation (Co^{60}). A. I. Blabkov. Med. rad. 11 no. 6:74-76 Je '66.

Dynamics of absorptive properties of some internal organs following combined action of the whole-body gamma irradiation and burn. E. P. Stepanov. Radiobiologiya 6 no. 3:349-352 '66.

Effect of gamma irradiation dose rate on the life span of granary weevils. G. A. Zakladnoi. Radiobiologiya 6 no. 3:470-479 '66.

Mechanism of the injury of the hemopoietic tissue by ionizing radiation. G. P. Churudev and others. Radiobiologiya 6 no. 3:483-485 '66.

Morphophysiological study of the development of the motor function in chick embryos following whole-body gamma irradiation. G. F. Sviderskaya. Radiobiologiya 6 no. 3:433-439 '66.

Study of RNA amount in the cells of the spinal cord following gamma irradiation. V. E. Shungukova, E. N. Zarkh, N. D. Nikolaeva. Radiobiologiya 6 no. 3:353-355 '66.

Time distribution of the death rate of irradiated macaques. V. I. Kulinskii. Radiobiologiya 6 no. 3:337-342 '66.

GAMMA RAYS—SCATTERING

Dependence of the buildup factor on the position of the detector behind the shielding. IU. A. Kozanaki and others. Atom. energ. 20 no. 5:424 My '66.

GAMMA RAYS—SPECTRA

Spectrum of γ -rays arising in thermal neutron capture in zinc isotopes. L. V. Groshov, A. M. Damidov, N. Shadiev. Izv. AN SSSR, Ser. fiz. 30 no. 7:1136-1141 Ji '66.

GAMMA RAYS—THERAPEUTIC USE

Selection of optimal methods for gamma therapy of malignant tumors of the lungs. R. V. Stavitskii and others. Med. rad. 11 no. 5:3-8 My '66.

GAMZATOV, RASUL GAMZATOVICH, 1923-
Ognev, V. F. [Journey into poetry] Puteshestvie v
poeziiu. Makhachkala, Dagestanskoe knizhnoe izd-vo,
1951, 98 p.
(MIU)

GANGLIONIC BLOCKING AGENTS

Effect of ganglionic blocking agents on the course of
radiation sickness. T. N. Dzhabardze. Trudy Inst.
eksp. i klin. khir. i gemat. AN Gruz. SSR. 8:353-356
'53.

GARAGES

Mountable and dismountable garages and repair work-
shops. E. I. Zavadskii. Avt. dor. 29 no. 6:12-13 Je
'66.

GARDENING

Consultation on the problems of housing and collective
gardening. Razved. i khr. medr. 32 no. 5:58-59 My
'66.

GARDENS

Cooperative gardens and orchards. Sov. profsoluzy
22 no. 10:30-31 My '66.

GARNET

Analysis of indium-containing garnets. V. A. Trukho-
cheva, V. V. Malakhov. Zav. lab. 32 no. 5:520-520
'66.

GAS, NATURAL

(see also subdivision under Saratov Province)

Heat transfer in furnace screens during the burning of
natural gas. P. A. Rybalkin. Izv. vys. ucheb. zav.; energ.
9 no. 5:71-75 My '66.

Measures for preventing open gasers. V. I. Kullavin.
Nef. i gaz. prom. no. 3:16-18 My-Je '66.

Meeting of the Economic Section of the Central Admini-
stration of the Scientific and Technical Society of the
Petroleum and Gas Industry on the survey of the main
trends in the development of the petroleum and gas
industry in 1966-1970. I. N. Mordvin. Ekon. nefteob.
prom. no. 1:27-29 '66.

GAS, NATURAL—ANALYSIS

Method for the analysis of natural gas. A. Suklasian,
A. Voskanian. Prom. Arm. 9 no. 6:30-41 '66.

GAS, NATURAL—CONGRESSES

The Fourth Congress of the Scientific and Technical
Society of the Petroleum and Gas Industry. I. A.
Vainer. Ekon. nefteob. prom. no. 1:26-27 '66.

GAS, NATURAL—COSTS

Method for computing the cost of casinghead gas. L. A.
Kosimetskii, V. K. Vasil'eva. Ekon. nefteob. prom.
no. 2:26-29 '66.

GAS, NATURAL—GEOLOGY

(see also subdivision under Azerbaijan; Borislav
region, Ukraine; Caspian Sea region; Chu Valley;
Dniester-Donets Lowland; Kara Kum; Maritime
Territory; Pechora Valley; Saryev Valley; Second
Baku; Talovka Gas Field; Turkmenkhan Peninsula;
Timan Range; Uzbekistan; Verkhoynsk Range
region)

Evaluation of the time factor in determining the
economic efficiency of prospecting for gas and oil.
P. T. Kozlov, M. B. Dobrovolskii. Ekon. nefteob.
prom. no. 1:10-23 '66.

Time of the formation of structural traps and pools of
petroleum and gas in a producing formation. F. M.
Bagiyev. Izv. vys. ucheb. zav.; nef. i gaz. 9
no. 2:9-14 '66.

GAS, NATURAL—HYDRATES

Conditions determining the formation of hydrates of
natural gases. M. I. Kochurkov. Trudy MINKHGP
no. 5:169-163 '66.

Makogon, I. U. F., and G. A. Sarkis'ians. [Prevention
of the formation by hydrates in the production and trans-
portation of gas] Preduprezhdenie obrazovaniia gidra-
tov pri dobyche i transporte gaza. Moskva, Nedra,
1966, 185 p.

GAS, NATURAL—PIPELINES

(see also subdivision under Saratov Province)

Corrosion resistance of materials of gas pipelines and
their equipment in calcium chloride solutions in the
natural gas medium. F. K. Andriushchenko, V. I.
Shagaidenko. Nef. i gaz. prom. no. 3:30-30 My-
Je '66.

Method for calculating underground gas pipelines laid
in crustal displacement zones. O. I. Romanenkii. Nef.
i gaz. prom. no. 3:46-49 My-Je '66.

Zhukovskaya, Z. I. [Calculating and designing gas pipelines]
Raschet i projektirovaniie magistral'nykh gazoprovodov.
Minsk, Nauka i tekhnika, 1966, 211 p.

GAS, NATURAL—PROCESSING

Preliminary processing of gas in the field and combined
investigations of gas condensate wells. S. S. Gatsulacov,
R. B. Emanullov. Gaz. delo no. 5:13-10 '66.

GAS, NATURAL—SEPARATION

Intensification of the separation of natural gas using
vortex chambers. V. A. Bragin, M. N. Bazlov, T. S.
Aleksaev. Gaz. delo no. 5:10-22 '66.

GAS, NATURAL—STORAGE

Studying certain factors determining the efficiency of the
use of surface active substances in the process of
water displacement by gas. A. N. Popov, M. F. Karim-
ov, A. E. Evgen'ev. Izv. vys. ucheb. zav.; nef. i
gaz. 9 no. 2:73-78 '66.

GAS, NATURAL—TRANSPORTATION

Calculating the cost of gas transportation from under-
ground gas storage reservoirs. A. N. Osinnikov.
Trudy MINKHGP no. 5:164-166 '66.

GAS AND OIL ENGINES see Internal combustion engines

GAS AS FUEL

Esterkin, R. I. [Operation of boiler units on gaseous
fuel] Eksploataatsia kotloagregatov na gazoobraznom
toplive. Izd. 2, perer. i dop. Leningrad, Nedra,
1966, 196 p. (Biblioteka mastera gazovogo khozai-
stva)

Four-zone continuous furnace operating on natural gas.
A. S. Braginskii. Gaz. prom. 11 no. 5:37-41 '66.

GAS BURNERS

Design of turbine-type gas burners. B. P. Adinokov, V. G.
Kashirskii, A. S. Ostapov. Izv. vys. ucheb. zav.; energ.
9 no. 6:63-71 Je '66.

Economic effectiveness of using infrared gas burners.
V. Golik, A. Rodin, P. Gakulian. Gaz. delo no. 6:
34-36 '66.

Economic effectiveness of using vortex and "slotted"
gas burners in industry. V. G. Golik, V. A. Shi-
mel'fenig. Gaz. delo no. 6:32-33 '66.

Geometric characteristics of a hard laminary flame of
gas-air and gas-oxygen mixtures. G. T. Tsygankov,
S. I. Averin, I. D. Semkin. Izv. vys. ucheb. zav.; chern.
met. 9 no. 6:176-178 '66.

GAS BURNERS—MAINTENANCE AND REPAIR

Tagunov, M. I. [Operation of the gas equipment in in-
dustrial enterprises] Eksploataatsia gazovogo khozai-
stva promyshlennykh predpriatii. Moskva, Nedra,
1966, 311 p.

GAS CHROMATOGRAPHY

Analysis of impurities with stronger sorption character-
istics than the main mixture component. A. A. Zhu-
kovskii, N. M. Turkel'taub, V. V. Naumova. Nefte-
khimiia 6 no. 2:324-320 Mr-Apr '66.

Approximate calculation of some thermodynamic func-
tions based on gas chromatography data. G. V.
Tsitshvili, T. G. Andronikashvili, Sh. D. Sabelashvili,
Zhur. fiz. khim. 40 no. 5:1128-1130 My '66.

Chromatographic method of determining active hydrogen
in organic compounds. M. N. Chamachenko, L. B. Tver-
dskova, F. G. Leenson. Zhur. anal. khim. 21 no. 5:
617-624 '66.

Diethyl phthalates as stationary phases for gas chromatog-
raphy. A. G. Shkvyria, M. A. Vigdergauz. Zhur. anal.
khim. 21 no. 5:625-629 '66.

Electromagnetic and pneumatic switches of chromatogra-
phic columns for reverse blowing. I. M. Starshov, A. A.
Khalimov, L. N. Piter'skii. Gaz. delo no. 5:33-35 '66.

Expansion of the range of molecular masses determined
by means of density detectors. I. A. Rovel'skii, R. I.
Bovodulina, T. M. Savakova. Neftekhimiia 6 no. 2:
319-323 Mr-Apr '66.

Gas-liquid chromatography of the composition of products
of the thermal decomposition of octene ozonide. I. U. N.
Ust'ev, S. B. Razumovskii. Neftekhimiia 6 no. 2:338-
343 Mr-Apr '66.

Identification of alcohols, oxides and carbonyl compounds
by the method of reaction of chromatography. I. U. G.
Osokin, V. Sh. Fel'dblum, S. I. Kriukov. Neftekhimiia
6 no. 2:333-337 Mr-Apr '66.

Quantitative determination of ethyl alcohol in aqueous solu-
tions by gas chromatography. B. V. Lipis, T. A. Manuilov-
va, N. Kh. Grinberg. Zhur. anal. khim. 21 no. 5:637-639
'66.

GAS DETECTORS

Gas detector. Zhil. i kom. khoz. 10 no. 7:12 Ji '65.

GAS DISTRIBUTION

Approximate determination of technical and economic
indices of gas distribution systems. N. S. Kanakin,
Gaz. prom. 11 no. 5:32-36 '66.

Experience in the operation of gas turbines manufactured
by the Neva Machine-Building Plant in long-distance
pipelines. L. A. Kuznetsov, I. U. A. Lamm. Teploener-
getika 13 no. 5:8-13 My '66.

Experimental study of the operation of a lamellar regen-
erator of the GT-700-4 gas turbine system of the KS-5
compressor of the gas pipeline between Northern Cauca-
sus and the Central Industrial Chernozem Region. B. P.
Poroshakov, B. S. Tolybakov. Probl. teploenerg. i prikl.
teplfiz. no. 2:111-123 '65.

For industrial methods of constructing city gas systems.
G. Skoblov. Zhil. i kom. khoz. 14 no. 5:24-25 My '64.

Structure of a fluidized bed as related to the characteris-
tic of gas distribution. V. G. Kobulov, O. M. Todes.
Zhur. prikl. khim. 39 no. 5:1075-1084 My '66.

GAS DISTRIBUTION—EQUIPMENT AND SUPPLIES

Tagunov, M. I. [Operation of the gas equipment in in-
dustrial enterprises] Eksploataatsia gazovogo khozai-
stva promyshlennykh predpriatii. Moskva, Nedra,
1966, 311 p.

GAS DYNAMICS

Combustion processes and the distribution of gas flow
in blast furnaces with various tuyeres projections.
L. A. Gavriluk. Izv. vys. ucheb. zav.; chern. met.
9 no. 6:46-49 '66.

Effect of the parameters of gas flow on the resistance of a
layer being sintered by the drawing through method.
V. P. Puzanov, V. I. Kovtich. Izv. vys. ucheb. zav.; chern.
met. 9 no. 6:58-62 '66.

Optimum gas permeability of a sinter charge and conditions
of fuel combustion in it. G. G. Efimenko, S. P. Efimov.
Izv. vys. ucheb. zav.; chern. met. 9 no. 6:41-45 '66.

Pellicular mode of the flow of a liquid into a gas current.
A. K. Il'in. Izv. vys. ucheb. zav.; energ. 9 no. 6:115-117
Je '66.

GAS FIELD DEVELOPMENT

(see also subdivision under Furmanovsk Gas Field;
Kurdyum-Yelshanka Gas Field; Stepanovskoye Gas
Field; Ukraine)

Changes in the composition of condensate well products
during the decline of reservoir pressure. F. A. Trebin,
A. I. Gritsenko. Nef. i khoz. 44 no. 5:39-43 My '66.

GAS FIELD DEVELOPMENT—COSTS

Increase in labor productivity is an important factor
in cost lowering. V. T. Borisov. Gaz. delo no. 5:43-46
'66.

GAS FIELD DEVELOPMENT—GRAPHIC METHODS

Graphic-analytical method of calculating the simultaneous
development of gas saturated layers in gas and water
drive regimes. V. A. Ljadkin. Gaz. delo no. 5:3-7
'66.

GAS FIELDS

Static variability problem for a noncondensate-type
gas field. E. S. Salimzhanov, F. D. Guseinov. Za-
tekh. prog. 4 no. 1:15-20 N '64.

GAS FIELDS—EQUIPMENT AND SUPPLIES

Designing the equipment for marginal gas fields. G. S.
Lutoshkin, Z. T. Gafullin. Gaz. delo no. 5:22-25 '66.

GAS FLOW

Gas flow toward a well having a sand plug on its bottom.
S. N. Nazarov, O. B. Kachalov. Izv. vys. ucheb. zav.;
neft. i gaz. 9 no. 2:51-55 '66.

Unsteady processes in the main gas pipelines during
breakdown gas leakage. M. A. Zhidkova. Dop. AN
URS. no. 6:741-747 '66.

GAS FLOW—MODELS

Modeling the movement of a nonisothermal flow as
applicable to a three-channel port in an open-hearth
furnace. A. I. Shatukhov, M. A. Magidson. Izv. vys.
ucheb. zav.; chern. met. 9 no. 6:170-173 '66.

GAS INDUSTRY

(see also subdivision under Saratov Province)

Editorial. Gaz. prom. 11 no. 5:1-3 '66.

GAS INDUSTRY—SCHEDULING

Graphic work schedule in the city gas industry. V. I.
Kozachok. Gaz. prom. 11 no. 5:20-31 '66.

GAS PIPES

Unsteady processes in the main gas pipelines during
breakdown gas leakage. M. A. Zhidkova. Dop. AN
URS. no. 6:741-747 '66.

GAS PRODUCERS

Creating free-piston gas generators for operating on a
pure gas turbine cycle. S. P. Filonov, V. A. Zvonov,
A. G. Ogarkov. Gaz. prom. 11 no. 5:20-23 '66.

Unit indices of main structural networks of shaftless
gas generators. A. S. Epshteyn. Energomashinostroe-
nie 12 no. 6:40-43 Je '66.

GAS RESEARCH see subdivision under Ukraine

GAS-TURBINE ELECTRIC POWER PLANTS

Designing of ship transported electric power plants.
Energetik 14 no. 6:38 Je '66.

Use of airplane engines for standby electric power
generation. N. A. Seulin, D. L. Faibisovich. Prom.
energ. 21 no. 5:36-40 My '66.

GAS TURBINES

Atomizing devices for combustion chambers of gas
turbine systems. A. A. Shatil', V. I. Miroslavchenko.
Energ. i elek. no. 1:42-45 Ja-F '66.

Calculation of the working process of a cooled gas turbine.
G. S. Saprykin. Izv. vys. ucheb. zav.; energ. 9 no. 6:
53-62 Je '66.

Compression and expansion stages of a two-shaft gas
turbine system optimal in respect to efficiency and
operation. F. Z. Ratner. Energomashinostroe-
nie 12 no. 5:31-36 My '66.

Conversion of the combustion chambers of AI-20K
gas turbine motors from operation on liquid fuel to
operation on natural gas. F. A. Arslanov and others.
Energ. i elek. no. 1:13-10 Ja-F '66.

Creating free-piston gas generators for operating on a
pure gas turbine cycle. S. P. Filonov, V. A. Zvonov,
A. G. Ogarkov. Gaz. prom. 11 no. 5:20-23 '66.

GAS TURBINES (Continued)

- Determination of optimum counterpressure of gas turbines in the steam and gas systems with discharge of combustion products into the boiler unit. V. A. Poniatov, A. V. Zmachinskiy, I. U. V. Mastakov, Izv. vys. ucheb. zav.; energ. 9 no. 5:49-53 My '66.
- Effect of certain cycle parameters on the efficiency of an atomic gas-turbine plant. E. P. Ratnikov, M. V. Shustov, Atom. energ. 20 no. 5:412-415 My '66.
- Experience in the operation of gas turbines manufactured by the Nava Machine-Building Plant in long-distance pipelines. L. A. Kuznetsov, I. U. A. Lamm, Teploenergetika 13 no. 5:8-13 My '66.
- Experimental and design characteristics of gas turbines. A. L. Kuznetsov, Energomashinostroyeniye 12 no. 5:1-5 My '66.
- Experimental study of the start conditions of the GT-25 gas turbine system manufactured by the Leningrad Metal Plant. G. G. Ol'khovskiy, A. M. Fridrikh, Teploenergetika 13 no. 5:13-18 My '66.
- Izgon, M. F., ed. [Manufacture of gas turbine engines; handbook] Proizvodstvo gazoturbinnyykh dvigatelei; spravochnoe posobie. [By] A. M. Abramov i dr. Mashinostroyeniye, 1966, 472 p.
- Interaction of the runner elements of gas turbines with a gas flow carrying fine mineral particles. V. A. Marchuk, Izv. vys. ucheb. zav.; energ. 9 no. 5:60-65 My '66.
- Present state and prospects for the development of the gas turbine industry. V. L. Polishchuk, P. S. Chernyshev, Teploenergetika 13 no. 5:2-7 My '66.
- Study of the cooling system of the rotor of the leading GTU-4-750 high-pressure turbine. E. P. Dyban and others, Teploenergetika 13 no. 5:19-24 My '66.
- Study of turbine stages with fixed and rotating banding seals. A. A. Klimtsov, A. A. Terezhnikov, Izv. vys. ucheb. zav.; energ. 9 no. 5:63-70 My '66.
- Use of gas turbines in power generation abroad. A. P. Salikov, Teploenergetika 13 no. 5:85-89 My '66.

GAS TURBINES—BIBLIOGRAPHY see Bibliography—Gas turbines

GAS WELL CASING

- Manifestations in the annular space of gas condensate wells and means for preventing them. N. N. Koshelev, I. U. D. Komnatnyi, V. G. Konyshov, Gaz. prom. 11 no. 5:9-15 '66.

- Method of selecting the diameter of production casings for gas wells and gas gathering systems. I. E. Mintz, F. I. Makushev, L. I. Shokhinskaya, Gaz. delo no. 5:7-12 '66.

GAS WELL DRILLING

- New plan indices of oil and gas well drilling and their test verification. V. I. Trifitskiy, S. G. Plotel', E. K. Selikhova, Eksp. nefteob. prom. no. 1:23-26 '66.

GAS WELLS

- Joint working of two gas-bearing layers by a single ring-battery of wells in the case of elastic water pressure. B. B. Lapuk, I. F. Lukashin, A. B. Tovbis, Vop. vych. mat. i tekhn. no. 6:45-62 '65.

GASEOUS PLASMA see Plasma (ionized gases)

GASES—ABSORPTION AND ADSORPTION

- Renovation model and model of stationary concentration field. M. Kh. Kishinevskiy, Zhur. prikl. khim. 39 no. 5:1085-1089 My '66.

GASES—ANALYSIS

- Spectrophotometric detectors of oxygen and water vapors for air gas analyzers. F. I. Vilosov, Vest. LGU 21 no. 10:40-44 '66.

GASES—DRYING

- Gas drying by artificial zeolites under high speed gas flow. A. V. Bessalov and others, Gaz. delo no. 5:35-38 '66.

GASES—PURIFICATION

- Chagunava, V. T. [Research on the use of manganese contact materials in the chemical industry] Issledovaniya po primeneniyu margantsyevykh kontaktov v khimicheskoy promyshlennosti. Tbilisi, Metsnolreba, 1965, 138 p.

GASES, ASPHYXIATING AND POISONOUS

- Rossi, B. D. [Poisonous gases during underground blasting operations] Iadovitye gazy pri podzemnykh vzryvnykh rabotakh. Moskva, Nedra, 1966, 92 p.

GASES, INTERSTELLAR

- Vorontsov-Vel'iaminov, B. A. [Interstellar gas and nebulae] Mezizvezdnyy gaz i tumannosti. Moskva, Znanie, 1966, 46 p.

GASES, RARE

- Determination of very low water concentrations in inert gases and hydrocarbons. S. G. Poljak, Zav. lab. 32 no. 5:572-575 '66.

- Zero group elements; 50th anniversary of William Ramsey's death. I. U. S. Musabekov, Priroda 55 no. 7:107-113 '66.

GASOLINE

- Gasification of low-octane gasoline fractions into olefin containing gas. A. K. Zhonov, N. I. Kholidakov, R. F. Lankina, Izv. vys. ucheb. zav.; nef' i gaz. 9 no. 2:56-58 '66.

GASOLINE—TOXICOLOGY

- Be careful with ethylated gasoline. V. Anatoyskaya, Sov. profsoyuzy 22 no. 12:46 Je '66.

GASTROENTERITIS—MICROBIOLOGY

- Isolation and cultivation of the swine gastroenteritis virus. V. A. Feitengeimer, S. G. Amashev, Vop. vet. virus. 2:114-117 '66.

- Study of the swine gastroenteritis virus by the use of tissue cultures. V. V. Nikol'skii, E. A. Kravchuk, V. O. Platonenko, Vop. vet. virus. 2:335-344 '66.

GASTROINTESTINAL HEMORRHAGE

- Gastrointestinal hemorrhages of nonulcerous and noncancerous etiology. G. I. Glezer, Voen.-med. zhur. no. 12:35-39 D '65.

GASTROINTESTINAL MOTILITY

- Effect of peganine on the motor and secretory function of the gastrointestinal tract. M. I. Rabinovich, L. G. Pavlik, Trudy TVI 9:79-83 '65.

- Effect of some rations and individual feeds on the motor-secretory motility of the complex stomach in sheep. I. A. P. Dedashev, Izv. Kuib. SKH 17:210-212 '65.

- Function of the motor apparatus of the stomach in experimental lead poisoning. A. A. Mamchova, Biol. eksp. biol. i med. 61 no. 5:38-40 My '66.

- Interceptive effects from the small intestine on its vascular and motor-secretory reactions under normal conditions and in experimental neurosis. V. A. Pastukhov, Trudy Inst. fiziol. 11:258-264 '65.

- Mechanisms of the development of intestinal dynamic impassability following stimulation of mechanoreceptors of the intestinal wall. I. U. M. Gal'perin, N. M. Baklykova, Trudy Inst. fiziol. 11:44-57 '65.

- Motility of the small intestine before and after its extensive resection. T. V. Tkeshelashvili, Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:207-214 '59.

- Motor-secretory function of intact and denervated small intestine segments following interceptive stimulations of the gastrointestinal tract in man. G. A. Katayeva and others, Trudy Inst. fiziol. 11:205-212 '65.

GASTROPODA see subdivision under Rybinsk Reservoir

GAUGES—STANDARDS

- Russia (1923- U.S.S.R.) Gosudarstvennyy komitet standartov, mer i izmeritel'nykh priborov. [Caliper gauges with tapered jaws] Kalibry-skoby so skoshennymi gul'kami (MN 471-04—MN 473-04; MN 478-04). Moskva, Izd-vo Standartov, 1964, 22 p. (SSSR. Normy i mashinostroyeniya)

GAULLE, CHARLES DE, 1890-

- People and events: Charles de Gaulle. Nov. vrem. 24 no. 26:11 Je '66.

GDOV REGION (PSKOV PROVINCE)—OIL SHALES

- Study of the low-temperature decomposition of a concentrate of Gdov shales by means of infrared spectroscopy. G. V. Broi-Karre, V. A. Proskuriakov, Zhur. prikl. khim. 39 no. 5:1214-1216 My '66.

GEAR CUTTING

- Determining the forces of cutting and feed in machining gear teeth considering the given precision of cutting. K. S. Kolev, Vest. mashinost. 46 no. 5:60-64 My '66.

- Dynamometering in grinding gear teeth. V. I. Sheryshev, I. U. S. Kazimircchik, Vest. mashinost. 46 no. 5:75-77 My '66.

- Gear milling with multiple hobbing cutters having increased diameters. S. S. Nekrasov, V. N. Safultin, Vest. mashinost. 46 no. 6:70-73 Je '66.

GEAR-SHAPING MACHINES

- Cutting and teeth on a gear-shaping machine. S. I. A. Barabola, Stan. i instr. 37 no. 6:15-17 Je '66.

GEARING

- Dividing the ratio of reducing gears. P. M. Koshelev, Vest. mashinost. 46 no. 5:23-26 My '66.

- Dynamic interaction in gear meshing due to deformed teeth. M. O. Kil'chevskiy, E. M. Kostuk, Dop. AN URSR no. 5:593-597 '66.

GEARING, BEVEL

- Using cylindrical rollers in centering straight bevel gears. B. A. Karlov, Stan. i instr. 37 no. 6:17-19 Je '66.

GEARING, WORM—TESTING

- Universal device for controlling globe worms. I. U. A. Son, Stan. i instr. 37 no. 6:37-38 Je '66.

GEES—DISEASES AND PESTS

- Pathologic-anatomical changes in paratyphoid fever in geese. P. I. Pavlov, Trudy TVI 9:93-96 '65.

GELATIN

- Collagen transformation into gelatin. E. A. Zimkin, V. F. Kluchevich, Zhur. prikl. khim. 39 no. 5:1154-1160 My '66.

GENERALIZED INTEGRALS see Integrals, Generalized

GENERATIVE ORGANS

- Experimental study of the dosage in the gonad region in small distance X-ray therapy of angiosarcoma in children. E. L. Podlitskiy, M. M. Khrushchov, Med. rad. 11 no. 5:15-21 My '66.

GENERATIVE ORGANS, FEMALE—INFLAMMATION

- Therapeutic and prophylactic significance of the puncture therapy method in some inflammatory diseases of the female genital sphere. A. M. Aliev, V. G. Petrovskiy, Azerb. med. zhur. 13 no. 4:61-67 Ap '66.

GENETICS

- Development and progress. S. D. Morozhnik, Vop. filoz. 20 no. 6:46-54 '66.

- Genetical method in studying oligophrenia. I. A. Gurvich, Zhur. nev. i psikh. 66 no. 7:1038-1040 '66.

- I. V. Kharin and present-day genetics. N. P. Dubinin, Vop. filoz. 20 no. 6:60-70 '66.

- Population genetics, ecology, and evolution. S. S. Shvarts, Priroda 55 no. 7:2-13 '66.

GENETICS—CONGRESSES

- Conference of genetics and genetic principles of selection. L. L. Kokhanova, Dop. AN URSR no. 5:694-695 '66.

- First All-Union Congress of the Geneticists and Breeders of the U.S.S.R., S. I. Alkhautov, Priroda 55 no. 7:114 '66.

GEOCHEMICAL PROSPECTING

- (see also subdivision under Dulop Valley; Gornaya Shorlun)

- Determining small quantities of gold in the natural waters of the Aldan region. V. P. Dorovitskiy, A. D. Miller, V. N. Shemlakh, Geokhimiya no. 4:483-489 Ap '66.

GEOCHEMICAL PROSPECTING—CONGRESSES

- International Seminar on Methods of Geochemical Prospecting. E. M. Ivanishvili, Geokhimiya no. 4:492-493 Ap '66.

GEOCHEMISTRY

- (see also subdivision under Soviet Central Asia)

- Akademii nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimi. [Essays on the geochemistry of endogenic and hypergenic processes] Ocherki geokhimii endogennykh i gipergennykh protsessov. Moskva, Nauka, 1966, 334 p.

- Characteristics of the distribution of alkali elements and beryllium in the pegmatite minerals of the Northern Balkan pegmatite belt. M. M. Manukova and others, Geokhimiya no. 4:410-422 Ap '66.

- Comparative study of the activation energy of argon isolation and the dehydration energy in amphiboles and biotites. E. K. Gerling, D. V. Petrov, T. V. Koltsova, Geokhimiya no. 4:370-389 Ap '66.

- Criteria of sample representativeness in geochemical studies. I. V. Chernyshev, L. L. Shann, Geokhimiya no. 10:1048-1054 O '64.

- Distribution of beryllium in the contact halos of muscovite pegmatites. V. A. Koflyeva, L. D. Osochan-skaya, L. L. Petrov, Geokhimiya no. 4:473-479 Ap '66.

- Distribution of iron in the water of Kransoye Lake. E. A. Stravinskaya, Dokl. AN SSSR 166 no. 4:908-910 Je '66.

- Geochemistry of gallium in the high-temperature post-magmatic processes. V. S. Mischenko, V. T. Kuts, L. A. Orlova, Geokhimiya no. 4:443-452 Ap '66.

- Mineral associations of alkali rocks. A. I. Ginzburg, A. M. Portnov, Geokhimiya no. 4:390-403 Ap '66.

- New geochemical data on the nature of petroleum and gas in the carbonate formation of the Upper Jurassic in western Uzbekistan. Sh. Kh. Amirhanov, M. Kh. Arif-dzhanov, Kh. K. Kasymov, Neftgaz. geol. i geofiz. no. 5:23-30 '66.

- Significance correlation coefficients among elements in primary halos. A. Fa'chi, Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:113-116 My-Je '66.

- Statistical-geochemical processing of the analytical archives of spectral laboratories. V. S. Mischenko, Dop. AN URSR no. 6:701-704 '66.

- Temperature of the emplacement of ultrabasic intrusions. A. T. Bazilevskiy, Geokhimiya no. 4:404-409 Ap '66.

GEOCHEMISTRY—MAPS

- Methodology for compiling geochemical maps. V. K. Ganchik, Geol. zhur. 26 no. 2:33-42 '66.

GEODESY—ABSTRACTS

- [Geodesy] Ref. zhur.: Geod. no. 6 Je '66.

GEOGRAPHICAL RESEARCH

(see also subdivision under United States)

Akademii nauk SSSR, Sibirskoe otdelenie, Institut geografii Sibiri i Dal'nego Vostoka. [Cartographic methods of integrated geographical studies] Kartograficheskie metody integriruyemykh geograficheskikh issledovaniy. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 191 p.

GEOGRAPHICAL SOCIETIES

(see also subdivision under Kirghizistan)

Geograficheskoe obshchestvo SSSR. [Statute of the Geographical Society of the U.S.S.R.] Ustav. [Leningrad] 1965. 31 p.

[MICROFILM]

List of publications of the Geographical Society of the U.S.S.R. received by the library of the Society in 1965. Izv. Vses. geog. ob-va 98 no. 2:190-203 Mr-Apr '66.

Significance of the Geographical Society in the history of Russian folklore studies. M.K. Azadovskii. Trudy Inst. etn. 91:5-17 '65.

GEOGRAPHY see subdivision under Europe

GEOGRAPHY—ABSTRACTS

[Geography] Ref. zhur.: Geog. no. 6 Je '66.

GEOGRAPHY—TERMINOLOGY

Local geographical terms of the Taltina dialect. V.N. Bogdanov. Izv. Alt. otd. Geog. ob-va SSSR no. 2:37-53 '65.

GEOGRAPHY, ECONOMIC see subdivision 'Economic geography' under Baltic region; Caucasus, Northern; Franze District; Iyaylyakskiy District; Naryn Valley (Kirghizistan); Osh Province

GEOGRAPHY, ECONOMIC—CONGRESSES

Simpodium "B": "Osnovnye voprosy ekonomicheskoi geografii SSSR. [Reports; materials for the Fourth Congress of the Geographical Society of the U.S.S.R.] Doklady; materialy k IV s'ezdu Geograficheskogo obshchestva Sotuzn SSR, Leningrad.

Pts. 1-2. 1964. 2 v.

[MICROFILM]

GEOGRAPHY, ECONOMIC—MAPS

Grumborg, N. V., and others. [Content and methods of compiling economic maps of foreign countries in reference atlases] Soderzhanie i metody sostavleniya ekonomicheskikh kart zarubezhnykh stran v nauchno-spravochnykh atlasakh. Moskva, Nedra.

Pt. 2. 1965. 65 p. (Moscow. Tsentral'nyi nauchno-issledovatel'skii institut geodezii, aerofotomel' i kartografi. Trudy, no. 160)

GEOGRAPHY, ECONOMIC—RESEARCH

Tasks in the field of geographical sciences as seen in the light of the decisions of the 23d Congress of the CPSU. Izv. AN SSSR. Ser. geog. no. 3:3-6 My-Je '66.

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING

All economists should study economic geography. M. B. Vol'f, Y. G. Krasheninnikov. Vest. vys. shkoly 24 no. 5:36-38 My '66.

Description or scientific analysis? F. V. Knobel'sdorf. Vest. vys. shkoly 24 no. 5:30-36 My '66.

The regions of close production contacts and the structure of the economic geography course. A. M. Moskhin. Vest. vys. shkoly 24 no. 5:27-30 My '66.

GEOLOGICAL SOCIETIES see subdivision under Urat Mountains

GEOLOGICAL TIME

(see also subdivision under Chu Depression; Karelia; Kyzyl Kum)

Age determination of sedimentary rocks based on the organic part of sediments. M. G. Romazunov, P. M. Rostomian. Izv. vys. ucheb. zav.; nift' i gaz. 9 no. 2:6-10 '66.

Comparative study of the activation energy of argon isolation and the dehydration energy in amphiboles and biotites. E. K. Gerling, B. V. Petrov, T. V. Kol'tsova. Geokhimiya no. 4:379-389 Ap '66.

Thermal stability of tracks from the fragments of uranium fission in muscovite monocrystals according to experimental data of chemical etching. I. A. E. Geguzhi, I. G. Berzina, I. V. Vorob'eva. Izv. AN SSSR. Ser. geol. 31 no. 6:21-25 Je '66.

Tugarinov, A. I., and G. V. Volkovich. [Pre-Cambrian geochronology of the continents] Dokumbrilekale geokhronologiya materikov. Moskva, Nedra, 1966. 386 p.

GEOLOGISTS—CONGRESSES

First conference of Soviet geologists. B. A. Ryb'lev. Razved. i okh. nedr 32 no. 5:61-62 My '66.

GEOLOGY

(see also subdivision under Azerbaijan; Carpathian Mountains; Georgia; Irtys' Valley; Kola Peninsula; Ob' Valley; Osetia, North; Pacific Area; Ukraine; Ukraine, Western; Verkhoyansk Range)

Basic trends in the activity of the permanent commission of the Mutual Economic Assistance Council on geology in the field of scientific and technological studies. B. N. Erofeev, A. E. Golov. Razved. i okh. nedr 31 no. 10:61-63 O '65.

Problems of the Department of Geology of the Moscow University in the light of decisions of the 23d Congress of the CPSU. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3: 3-7 My-Je '66.

GEOLOGY—ABSTRACTS

[Geology] Ref. zhur.: Geol. no. 6 Je '66.

GEOLOGY—CONGRESSES

Commission on the History of Geological Sciences attached to the International Geological Congress. V. V. Tikhomirov. Izv. AN SSSR. Ser. geol. 31 no. 6:128 Je '66.

Second All-Moscow Conference of Young Geologists and Oilmen. A. A. Razmyslinov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:119-120 My-Je '66.

GEOLOGY—MAPS

Quantitative evaluation of the complexity of geophysical and geological maps. B. V. Shilin. Razved. i okh. nedr 32 no. 5:40-42 My '66.

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Carpathian Mountain region; Donets Basin; Georgia; Kazakhstan; Kola Peninsula; Mugodzhir Hills; Mugodzhir Hills region; Russian Platform; Soviet Far East; Tajik Depression; Ukraine; Verkhoyansk Range)

Concept of "facies" and "facies analysis". V. T. Prolov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3: 8-19 My-Je '66.

GEOLOGY, STRATIGRAPHIC—CONGRESSES

Conference on the Problems of Neogene Stratigraphy in Odesa. V. H. Kulichenko, V. M. Semenenko. Geol. zhur. 26 no. 2:124-125 '66.

GEOLOGY, STRATIGRAPHIC—RESEARCH see subdivision under Africa, West

GEOLOGY, STRUCTURAL

(see also subdivision under Baltic Shield; Black Sea region; Carpathian Mountain region; Caucasus, Northern; Chingizlav; Dnieper-Donets Lowland; Emba region, Kazakhstan; Georgia; Kara Kum; Kazakhstan; Kola Peninsula; Krivoy Rog Basin; Kura Lowland; Mayn Valley, Yakutia; Nizhniye Sorogoz region, Ukraine; Norway; Pechora Depression; Perekop Isthmus; Soviet Central Asia; Tajikistan; Turkmenistan; Tyumen' Province; Ukraine; Ustyurt)

Interpretation of gravitational stages on a shield. K. F. Tapkin. Dop. AN URSS no. 5:611-614 '66.

The junction of folded mountain and platform areas. V. P. Ponikarov and others. Priroda 55 no. 7:120-121 '66.

Role of the physicochemical screen in the localization of mercury. A. M. Dobrianskiy. Dop. AN URSS no. 5: 647-650 '66.

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY

Akademii pedagogicheskikh nauk RSFSR, Moscow. [Encyclopedia of elementary mathematics] Entsiklopediya elementarnoi matematiki. Moskva, Nauka. Book 5. [Geometry] Geometriya. 1966. 624 p.

GEOMETRY—CONGRESSES

Symposium on geometry. I. U. G. Reshetniak. Vest. AN SSSR 30 no. 6:82-83 Je '66.

GEOMETRY, SOLID—STUDY AND TEACHING

Representation of circular bodies in the secondary school. V. P. Dregunov. Uch. zap. Ped. inst. Gerts. 274:71-105 '65.

GEOMORPHOLOGY

(see also subdivision under Dnieper Valley; Guinea; Mali; Poza Valley, Archangel Province; Teterov Valley)

Panov, D. G. [General geomorphology] Obshchaya geomorfologiya. Moskva, Vysshaya shkola, 1966. 426 p.

GEOMORPHOLOGY—MATHEMATICAL MODELS

Two-dimensional mathematical model of the growth and disintegration of a mountain uplift. A. S. Devdariani. Izv. AN SSSR. Ser. geog. no. 3:7-16 My-Je '66.

GEOPHYSICAL INSTRUMENTS

Pomerants, L. I., and V. T. Chukin. [Industrial geophysical apparatus and equipment] Promyshlennogo-geofizicheskaya apparatura i oborudovanie. Moskva, Nedra, 1966. 313 p.

GEOPHYSICAL RESEARCH

Organization of planetary research. A. D. Povzner. Vest. AN SSSR 30 no. 6:80-83 Je '66.

Way of parameterless interpretation of three-layer curves of electromagnetic soundings of K and Q types. B. S. Enensthein. Dokl. AN SSSR 188 no. 4:796-798 Je '66.

GEOPHYSICS

(see also subdivision under Kola Peninsula)

The cycles of energy and substance and the changing nature of the earth. V. N. Stapanov. Vop. filoz. 26 no. 6: 71-79 '66.

Geophysical problems and investigations of the moon. V. I. Zharkov, V. Sh. Berikashvili, A. I. Osnach. Astron. zhur. 43 no. 3:622-646 My-Je '66.

GEOPHYSICS—ABSTRACTS

[Geophysics] Ref. zhur.: Geofiz. no. 6 Je '66. Avtorskii ukazatel' za 1965 g.

GEOPHYSICS—MAPS

Quantitative evaluation of the complexity of geophysical and geological maps. B. V. Shilin. Razved. i okh. nedr 32 no. 5:40-42 My '66.

GEORGIA—AGRICULTURAL COLLEGES

Interests of Soviet farming are the basis of our work. I. F. Sarishvili. Vest. vys. shkoly 24 no. 6:15-18 Je '66.

GEORGIA—COLLECTIVE FARMS

Research institutions should lend their assistance to collective farms. A. Kechekmadze. Part. zhizn' no. 14:44-45 Ji '66.

GEORGIA—CONSTRUCTION INDUSTRY

Specialization of and cooperation between large-panel housing construction plants in Georgia. O. V. Dzhangmadze, G. V. Patselashvili, V. V. Chikashvili. Bet. i zhel.-bet. [Tbilisi] 1:87-95 '65.

GEORGIA—GEOLOGY

History of geological development. P. D. Gamkrelidze. Trudy Geol. inst. AN Gruz. SSR no. 1:169-179 '65.

History of the study of the region. A. L. Tsagareli, V. A. Alenikova. Trudy Geol. inst. AN Gruz. SSR no. 1:10-13 '65.

GEORGIA—GEOLOGY, STRATIGRAPHIC

Cretaceous system. A. L. Tsagareli and others. Trudy Geol. inst. AN Gruz. SSR no. 1:54-93 '65.

Jurassic system. V. I. Zesashvili, G. A. Chikhradze. Trudy Geol. inst. AN Gruz. SSR no. 1:34-54 '65.

Lower Paleozoic. Sh. I. Dzhanvakhishvili. Trudy Geol. inst. AN Gruz. SSR no. 1:14-19 '65.

Middle and Upper Carboniferous formation of "lower tuffites." N. I. Skhirladze. Trudy Geol. inst. AN Gruz. SSR no. 1:19-34 '65.

Neogene and Quaternary formations. Sh. A. Adamia, K. G. Matskhonashvili, O. D. Khutsishvili. Trudy Geol. inst. AN Gruz. SSR no. 1:113-135 '65.

Paleogene system. I. V. Kacharava and others. Trudy Geol. inst. AN Gruz. SSR no. 1:94-113 '65.

GEORGIA—GEOLOGY, STRUCTURAL

Tectonics of the region. P. D. Gamkrelidze. Trudy Geol. inst. AN Gruz. SSR no. 1:159-169 '65.

GEORGIA—HISTORY—SOURCES

Akademii nauk Gruzinskoi SSR, Tiflis. Institut rukopisei. [Some Georgian historical documents of the 14th to the 18th centuries] Neskol'ko gruzinskikh istoricheskikh dokumentov XIV-XVIII vv. Tbilisi, Metsniereba, 1964. 151 p. [In Georgian] (MH)

GEORGIA—LANDFORMS

Geomorphology. A. L. Tsagareli, K. G. Matskhonashvili. Trudy Geol. inst. AN Gruz. SSR no. 1:170-195 '65.

GEORGIA—MOTION PICTURES

Tsereteli, K. D. [The youth of the screen; outline history of the Georgian silent motion pictures] I Unost' ekrana; ocherki istorii gruzinskogo nemogo kino. [Tbilisi, Literatura da khovovneba, 1965] 148 p. (NIC)

GEORGIA—ORE DEPOSITS

Conditions governing the formation and characteristics of the distribution of endogenous deposits in southeastern Georgia. V. H. Nadiradze, I. I. Nazarov. Trudy Geol. inst. AN Gruz. SSR no. 1:247-253 '65.

Short description of endogenous deposits in southeastern Georgia. I. I. Nazarov and others. Trudy Geol. inst. AN Gruz. SSR no. 1:195-247 '65.

GEORGIA—PHYSICAL GEOGRAPHY

Physicogeographical description of the region. A. L. Tsagareli, K. G. Matskhonashvili. Trudy Geol. inst. AN Gruz. SSR no. 1:6-10 '65.

GEORGIA—ROCKS, IGNEOUS

Intrusions. G. M. Zaridze and others. Trudy Geol. inst. AN Gruz. SSR no. 1:135-159 '65.

GEORGIA—SURGERY

Brief survey of the development of surgery in Georgia in the 40 years following the Great October Socialist Revolution. K. D. Eristavi. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:3-17 '69.

GEORGIA—TEA

Gocholashvili, M.M., and Sh.G. Zaldastanishvili. [Biological bases for the cultivation of tea plants in Georgia.] Biologicheskie osnovy kul'tury chainogo kusta v Grozil. Tbilisi, "TSodna," 1963. 238 p.
[DNL MICROFILM]

GEORGIVSK DISTRICT—STATISTICS

Our practice in the publishing of a statistical collection. I. Puzikov. Vest.stat. no.7:64-65 '66.

GERANIUMS

Pharmacology of Geranium pratense L. S.R. Semenov, V.K. Lushinskii. Lek.i syr.res.trk.obl. no.4: 168-171 '65.

GERM CELLS

Theory of germ layers, its present state and importance in biology and medicine. O.M. Ivanova-Kazaa, A.G. Knorre. Arkh.nat., glat.embri. 50 no.3:19-18 Mr '66.

GERMAN AUTHORS see Authors, German

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

Baron, L.I., ed. [German-Russian technical dictionary. About 40,000 terms.] Nemetsko-russkii tekhnicheskii slovar'. Okolo 40 000 terminov. Moskva, Sovetskaya Entsiklopediya, 1960. 725 p.

[German-Russian school dictionary. 6,000 key words in context.] Deutsch-Russisches Lehrwörterbuch. 6 000 Stichwörter in Wendungen. [By] N.A. Liperovskaya, I.E. Ivanova. Moskau, Sowjetenlexikonpadie, 1965. 740 p.

GERMAN LANGUAGE—GRAMMAR

Mikhailova, O.E., and E.I. Shendel's. [A guide to the grammar of the German language for grades 9-11 of the secondary school.] Spravochnik po grammatike nemetskogo iazyka dlia IX-XI klassov srednei shkoly. Moskva, Gos.uchebno-pedagog. izd-vo, 1963. 275 p.
(NIC)

GERMAN LANGUAGE—ORTHOGRAPHY

Ekkert, V.K. [German orthography; spelling and punctuation; a textbook for teachers.] Nemetskaya ortografiia; pravopisaniie i punktatsiia. Posobie dlia prepodavatelei. Moskva, Gos.uchebno-pedagog. izd-vo, 1960. 143 p.
(NIC)

GERMAN REUNIFICATION QUESTION (1940-)

Herr Majonika's political studies. L. Shul'chinskii. Mezhdunar. zhizn' 13 no.8:123-126 '66.

Magna Charta of European security. Albert Norden. Nov.vrem. 24 no.30:5-8 JI '66.

Our comments. Nov.vrem. 24 no.27:2-3 JI '66.

Two documents and two policies. M. Voslenskii. Mezhdunar. zhizn' 13 no.7:105-110 '66.

GERMANIUM

(see also subdivision under Bulgaria)

Content of germanium in betrandite. A.S. Nazarova. Geokhimiia no.10:1069-1070 O '64.

GERMANIUM—ELECTRIC PROPERTIES

Electronic work function of germanium samples of different types of conductivity under conditions of a catalytic reaction. V.M. Frolov. Khim. i kat. 7 no.3: 564-565 My-Je '66.

GERMANIUM—METALLURGY

Behavior of germanium oxides during smelting in a blast furnace. V.V. Mikhailov and others. Vest. AN Kazakh. SSR 22 no.6:83-84 Je '66.

GERMANIUM—ARSENIC—TELLURIUM ALLOYS see Arsenic-germanium-tellurium alloys

GERMANIUM DIODES

Fainshteln, S.M. [Preparation of the surfaces of semiconductor devices.] Obrabotka poverkhnosti poluprovodnikovykh priborov. Moskva, Energiia, 1966. 255 p.

GERMANY—COMMUNISM

[Outline history of the German workers' movement. Translated from the German.] Ocherki istorii nemeetskogo rabocheho dvizheniia. Moskva, Izd-vo polit. lit-ry, 1964. 253 p.
(CSI-H)

GERMANY—HISTORY

Krivulla, V.I. [He hated war] On nenavidel'noiu. Moskva, Mysl', 1960. 212 p.

The "Night of long knives." E.A. Meshcherskaia. Vop. ist. 41 no.8:204-207 Je '66.

GERMANY—HISTORY, MILITARY

How the historiography of the German Federal Republic describes the Reichswehr's role in the Weimar Republic. L.V. Ovchinnikov. Vest. Mosk. un. Ser. 9: Ist. 21 no.3:23-35 My-Je '66.

GERMANY—LABOR AND LABORING CLASSES

Petricev, K.D. [Modern Soviet historiography of the history of the workers' movement in Germany, 1871-1914; a lecture outline for correspondence students of the History Department of the University.] Sovremennaiia sovetskaiia istoriografiia istorii rabocheho dvizheniia Germanii, 1871-1914 gg.; konspekt lektsii dlia studentov-zachemnikov istoricheskogo fakul'teta universiteta. Odessa, univ., 1965. 85 p.
(CSI-H)

GERMANY—SALT DOMES

Some characteristics of the similarity and the difference of salt domes in the northern part of the Caspian Sea region and the North German Lowland. M.V. Gorfunkel'. Trudy VNIGRI no.237:127-130 '64.

GERMANY—SLAVE LABOR

Secret of a nameless statuette. F.I.A. Rumiantsev. Vop. ist. 41 no.7:211-214 JI '66.

GERMANY—SOCIALISM

[Outline history of the German workers' movement. Translated from the German.] Ocherki istorii nemeetskogo rabocheho dvizheniia. Moskva, Izd-vo polit. lit-ry, 1964. 253 p.
(CSI-H)

GERMANY, EAST

Louis Sallant on the petition of the government of the Democratic Republic of Germany for admission to the U.N. Vsem. prof. dvizh. no.3:35-36 My '66.

GERMANY, EAST—AGRICULTURAL MACHINERY

Exhibits of the German Democratic Republic. Tekh. vosp'khoz. 26 no.5:30-34 My '66.

GERMANY, EAST—BIBLIOGRAPHY

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Resp. no.5 '66.

GERMANY, EAST—BOOKSELLERS AND BOOKSELLING

Work experience of the booksellers of the German Democratic Republic. R. Begishev. Knizh. tovg. 17 no.6:35-38 Je '66.

GERMANY, EAST—BYZANTINE STUDIES

Soviet students of the Byzantine Empire have visited the German Democratic Republic. Z. V. Udaltsova. Vop. ist. 41 no.6:175-178 Je '66.

GERMANY, EAST—EDUCATION

Economic aspects of the work of teachers. V. Ivanov. Nar. obr. no.7:86-87 JI '66.

We try to increase the efficiency of schoolwork. II. Wendland. Nar. obr. no.6:104-105 Je '66.

GERMANY, EAST—EDUCATION, HIGHER

Institutions of higher education actively participate in the building of socialism in the German Democratic Republic. E. Gisman. Vest. vys. shkoly 24 no.6:83-85 Je '66.

GERMANY, EAST—FOREIGN RELATIONS—GERMANY, WEST

West German discussions. E. Novosel'tsov. Mezhdunar. zhizn' 13 no.6:109-116 '66.

GERMANY, EAST—INDUSTRIES

Communist companies in the German Democratic Republic; answers to readers' questions. H. Saitke. Nov.vrem. 24 no.3:20-31 JI '66.

GERMANY, EAST—INFORMATION SERVICES

Information service in the German Democratic Republic. Priroda 55 no.7:116-119 '66.

GERMANY, EAST—KNITTING MACHINES

Shorin, V.I. [Flat knitting machines manufactured in the German Democratic Republic.] Ploskokovnyye mashiny GDR. Moskva, TAIPIAM, 1964. 15 p. (Seria OS-XVI; Oborudovanie dlia legkoii promyshlennosti)

GERMANY, EAST—PHYSICAL GEOGRAPHY—CONGRESSES

Symposium on the division of the German Democratic Republic into natural geographical regions. V.M. Chupakhin. Izv. Vses. geog. ob-va 66 no.3:282-283 My-Je '66.

GERMANY, EAST—UNITED NATIONS

A problem demanding positive solution. V. Khvostov. Nov.vrem. 24 no.32:1-2 Ag '66.

GERMANY, WEST—AGRICULTURE—ECONOMIC ASPECTS

The struggle of West German peasants against the domination of monopolies. I.D. Troitsenko. Vop. ist. 41 no.6:73-85 Ja '66.

GERMANY, WEST—ARMY

Second army of the Federal Republic of Germany. Voenn. zhnan. 42 no.6:34-35 Je '66.

GERMANY, WEST—CITIZENSHIP

The legal formula of revanchism. Lev Ginsburg. Nov.vrem. 24 no.29:21-21 Je '66.

GERMANY, WEST—DESCRIPTION AND TRAVEL

Between the Elbe and the Rhine. V. Horezhnikov. Nov.vrem. 24 no.33:7-10 Ag '66.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—IRAN

West Germany's economic penetration into Iran. N.S. Tikhonov. Nar. Az. i Afr. no.3:43-50 '66.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—SOUTH AFRICA, REPUBLIC OF

The secret Strauss mission. A. Zakharov. Mezhdunar. zhizn' 13 no.6:119-120 '66.

GERMANY, WEST—FOREIGN LABOR

Prisoners of the "free world." V. Rykin. Sov. prof. soluzy 22 no.11:30-41 Je '66.

GERMANY, WEST—FOREIGN RELATIONS

The aggressive foreign policy of Bonn. P. Krutikov. Mezhdunar. zhizn' 13 no.6:16-25 '66.

Two documents and two policies. M. Voslenskii. Mezhdunar. zhizn' 13 no.7:105-110 '66.

GERMANY, WEST—FOREIGN RELATIONS—GERMANY, EAST

West German discussions. E. Novosel'tsev. Mezhdunar. zhizn' 13 no.6:109-116 '66.

GERMANY, WEST—FOREIGN RELATIONS—ITALY

Guests from Rome on the Rhine. V. Kravchenko. Mezhdunar. zhizn' 13 no.8:105-107 '66.

GERMANY, WEST—FOREIGN RELATIONS—UNITED STATES

Dangerous agreement between Bonn and Washington. L. Pastuslak. Mezhdunar. zhizn' 13 no.7:65-70 '66.

GERMANY, WEST—HISTORIOGRAPHY

How the historiography of the German Federal Republic describes the Reichswehr's role in the Weimar Republic. L.V. Ovchinnikov. Vest. Mosk. un. Ser. 9: Ist. 21 no.3:23-35 My-Je '66.

GERMANY, WEST—HOUSING

Self-burning in Munich. P. P. Nov.vrem. 24 no.32: 30 Ag '66.

GERMANY, WEST—MILITARISM

German imperialism makes a stand against Europe. R. Fedorov. Kommunist 43 no.11:96-100 JI '66.

Gone the Carriage way. N. Talenskii. Mezhdunar. zhizn' 13 no.6:30-43 '66.

GERMANY, WEST—MILITARY POLICY

Dangerous agreement between Bonn and Washington. L. Pastuslak. Mezhdunar. zhizn' 13 no.7:65-70 '66.

"The three points" of the Bundeswehr doctrine. V. Larionov. Nov.vrem. 24 no.28:13-15 JI '66.

GERMANY, WEST—PETROLEUM INDUSTRY

Shifts in the geography of the petroleum processing industry of the Federal Republic of Germany. S.B. Lavrov. Izv. Vses. geog. ob-va 66 no.2:136-147 Mr-Apr '66.

GERMANY, WEST—RUSSIAN STUDIES

Discussion of the foreign policy of the U.S.S.R. in 1924 and 1925 in the bourgeois historiography of the German Federal Republic. N.I. Kopychev. Vop. ist. NKPS 10 no.7:36-40 JI '66.

GERMANY, WEST—STUDENTS, AFRICAN

"Dangerous help." Mol. komm. no.6:117-118 Ag '66.

GERMANY, WEST—TRUCK TRAILERS

Self-unloading truck trailers. B. Nifontov. Tekh. vosp'khoz. 25 no.3:91-92 Mr '66.

GERMANY, WEST—TRUSTS, INDUSTRIAL

Faingar, I.M. [Outline of the development of German monopolistic capital.] Ocherki razvitiia germanskogo monopolisticheskogo kapitala. Otv. red. S.M. Ivanov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1956. 435 p.
(OU)

GERMANY, WEST—VISITORS, RUSSIAN

Between the Elbe and the Rhine. V. Horezhnikov. Nov.vrem. 24 no.33:7-10 Ag '66.

GERMINATION

Shifts of the isoelectric point of the cytoplasm, nucleus, and nucleolus in the vegetative cones of wheat during seed vernalization. L. P. Chel'tsova, N.I. Lebedeva, Fiziol. rast. 13 no.3:525-527 My-Je '66.

Studying the germination of seeds in some medicinal plants raised in Leningrad Province. G.A. Ivanenko. Uchi. zap. Ped. inst. Gerts. 310 238-250 '66.

GHANA—HISTORY

Nkrumah, Kwame, Pres. Ghana. [I speak of freedom; a statement of African ideology. Translated from the English.] JA govoriu o svobodoi; izlozheniie afrikanetskoi ideologii. Moskva, Izd-vo inostr. lit-ry, 1962. 301 p. pines.
(OU)

GHANA—PROPAGANDA, ANTICOMMUNIST

Against misinformation and slander: Dazed by anti-communism. *IU, R. Nov. vrem.* 24 no. 29:16-17. 11 '66.

GIARDIASIS

Characteristics of the clinical course of some gastrointestinal diseases caused by lamblia. V.K. Il'ich. *Voen.-med. zhur.* no. 12:59-62 D '65.

GIBBERELLIN

Effect of gibberellin on the state of secondary starch in the vegetative organs of some cultivated plants. H. O. Perova, T. O. Palladina. *Ukr. bot. zhur.* 23 no. 3: 10-23 '66.

Mechanism of the action of gibberellin. Report No. 2: Effect of gibberellin on the activity of some enzymes and the content of growth stimulants in etiolated pea shoots. R. P. Pratsko, O. B. Bochkov, L. S. Drabkina. *Ukr. bot. zhur.* 23 no. 3:13-18 '66.

Synthesis and destruction of chlorophyll in plants under the influence of gibberellin and vitamin B₂. V. I. Artamonov. *Fiziol. rast.* 13 no. 3:424-438 My-Je '66.

GIBRALTAR—POLITICS AND GOVERNMENT

Around Gibraltar. A. Vladimirov. *Mezhdunar. zhizn'* 13 no. 7:103 '66.

GIGAS, ANTON FELIKSOVICH, 1900-1966

A. F. Gigas; obituary. *Izv. vuz. ucheb. zav.; elektromekh.* 9 no. 5:590-591 '66.

GILIS

Korobkovich, O. V., comp. [For you, girls! Vam devushki] [Moskva, Meditsina, 1966] 280 p. illus., fold. pattern insert. (Nauchno-popul'naya meditsinskaya literatura)

GISSAR RANGE—HORSEFLIES

Horseflies (Tabanidae) of the Gissar Valley and Gissar Range (Tajikistan). Sh. Naratov. *Izv. Otd. biol. nauk. AN Tadzh. SSR* no. 1:71-82 '66.

GISSAR VALLEY—HORSEFLIES

Horseflies (Tabanidae) of the Gissar Valley and Gissar Range (Tajikistan). Sh. Naratov. *Izv. Otd. biol. nauk. AN Tadzh. SSR* no. 1:71-82 '66.

GLACIAL EPOCH

Vil'ina, E. A. [Cryogenic sloping terraces] Kriogeniye sklonovyye terrasy. Moskva, Nauka, 1966, 94 p.

GLACIERS

(see also subdivision under Elbrus, Mount; Kamchatka)

Estimating the amount of water accumulated in the mountain glaciers of the Soviet Union. V. M. Kotliakov. *Izv. AN SSSR. Ser. geog.* no. 3:13-48 My-Je '66.

Glaciers and the climate. O. P. Chizhov. *Izvestiya* 55 no. 7:58-65 '66.

Use of N. N. Pal'gov's method in indirect determination of the size of glaciers. V. G. Kononov. *Izv. Vses. geog. ob-va* 98 no. 2:157-160 Mr-Apr '66.

GLADKOV, FEDOR VASIL'EVICH, 1893-1959

Pakhomova, M. F. [F. V. Gladkov's autobiographical tales and the traditions of M. Gor'ki] Avtobiograficheskie povesti F. V. Gladkova i traditsii M. Gor'kogo. Moskva, Nauka, 1960, 107 p.

GLASS—SPECTRA

Luminescent properties of glasses activated with erbium. P. I. Kudrinsk, T. I. Veinberg, V. P. Kolobkov. *Zhur. prikl. spekt.* 4 no. 5:434-441 My '66.

GLASS—TESTING

Method for thermomechanical testing of organic and inorganic glasses. A. S. Ereneeve, *Zav. lab.* 32 no. 5:590-602 '66.

GLASS, CELLULAR see subdivision under Moscow

GLASS, EFFECT OF TEMPERATURE ON

Effect of the rate of heating on the expansion of the glass. T. D. Andriukhina. *Stek. i ker.* 23 no. 6:10-11 Je '66.

GLASS, ORNAMENTAL

Balanova, E. I., and N. V. Voronov. [Soviet ornamental glassware] Sovetskoe khudozhestvennoe steklo. Moskva, Iskusstvo, 1964, 145 p., 113 plates.

GLASS ELECTRODES see Electrodes, Glass

GLASS FIBERS

Studying the work of a unit for the application of a binder by the glazing method in the manufacture of products from centrifugally blown fibers. R. E. Osipova, V. I. Lakunin. *Stek. i ker.* 23 no. 6:14-16 Je '66.

GLASS FURNACES—DESIGN AND CONSTRUCTION

Simplified bracing assembly for a glass furnace roof arch. V. A. Brulev. *Stek. i ker.* 23 no. 6:34 Je '66.

Tank furnaces without refining ends. A. A. Zaitzinsk. *Stek. i ker.* 23 no. 6:1-3 Je '66.

GLASS GRINDING AND POLISHING

Experience in the use of diamond cutters for the grinding of automobile glass edges. V. A. Fedotov, D. N. Shepelev, N. U. Shchukina. *Stek. i ker.* 23 no. 6:11-14 Je '66.

GLASS MANUFACTURE

Certain characteristics of the electric melting of low-alkali glass. Z. I. Tkachenko, N. V. Skliarenko, V. S. Kulin. *Stek. i ker.* 23 no. 6:4-5 Je '66.

Effect of the rate of heating on the expansion of the glass. T. D. Andriukhina. *Stek. i ker.* 23 no. 6:10-11 Je '66.

Making use of glass waste cuttings. B. N. Shalunov. *Stek. i ker.* 23 no. 6:35-36 Je '66.

Reinforcing the inserts of glass pressure-cast molds by three-dimensional tempering. B. I. Yakubovich, N. N. Makarov. *Stek. i ker.* 23 no. 6:36-38 Je '66.

GLASS MANUFACTURE—CHEMISTRY

All-Union Conference "Boron-free, alkali-free and low-alkali vitreous systems and technical glasses based on them." M. A. Matveev, B. N. Frenkel', *Zhur. VKHO* 11 no. 3:332-334 '66.

Vaporization of boric anhydride during glass melting. K. M. Tatevosian, M. G. Manvelian, S. N. Avsharova. *Stek. i ker.* 23 no. 6:6-9 Je '66.

GLASS MANUFACTURE—INFORMATION SERVICES

Practices in making and operating and engineering card catalog on glass equipment. M. P. Udovich, M. I. A. Stroev. *NTI* no. 5:5-7 '66.

GLASS MANUFACTURE—MANAGEMENT see subdivision under White Russia

GLASS REINFORCED PLASTICS

Siliceous porous fibers, carriers of gaseous vulcanizing agents and accelerators. A. F. Mosnikov and others. *Zhur. VKHO* 11 no. 3:348-350 '66.

GLASS REINFORCED PLASTICS—TESTING

Experimental study of the anisotropy of glass reinforced plastics in shear. I. A. Sidorin. *Zav. lab.* 32 no. 5:594-597 '66.

GLASS RESEARCH

Contribution to industry of the Gas' Khristal'nyi GIS branch. D. I. Klegg. *Stek. i ker.* 23 no. 6:42-43 Je '66.

GLASSWARE

Balanova, E. I., and N. V. Voronov. [Soviet ornamental glassware] Sovetskoe khudozhestvennoe steklo. Moskva, Iskusstvo, 1964, 145 p., 113 plates.

GLAUCOMA

(see also subdivision under Azerbaijan)

Changes in the angle of the chamber in glaucoma patients after surgery according to data of the Glaucoma Department of the Institute of Ophthalmology. L. S. Slutskina, M. G. Alieva. *Trudy Azerb. nauch.-issl. inst. oft.* 4:45-48 '63.

State of corneal sensitivity depending on the stage of the development and the degree of compensation of the glaucomatous process in simple and congestive glaucoma as determined by the hair test. I. A. D. Vainer. *Trudy Azerb. nauch.-issl. inst. oft.* 4:37-44 '63.

GLAUCOMA—PREVENTION

Some organizational forms of the work on the prevention of glaucoma. P. I. Udintsev. *Zhur. eksper. i klin. med.* 6 no. 2:99-104 '66.

GLIADINS

Determination of the heats of combustion of gliadins. V. V. Ponomarev. *Zhur. fiz. khim.* 40 no. 5:1118-1120 My '66.

GLOBULIN

Immunochemical study of the globulins of pea and hemp seeds at various stages of ripening. V. G. Konarev and others. *Fiziol. rast.* 13 no. 3:453-457 My-Je '66.

GLUCANS—PHYSIOLOGICAL EFFECT

Comparative study of the biological action of the polysaccharides glucan and laminarin. I. P. Fomina and others. *Biul. eksp. biol. i med.* 61 no. 3:79-83 My '66.

GLUCOSAMINE, EFFECT OF RADIATION ON

Radiation chemistry of carbohydrates. Part 7: Radio-lysis of aqueous solutions of some derivatives of glucosamine. N. K. Kochetkov and others. *Zhur. ob. khim.* 36 no. 6:1020-1025 Je '66.

GLUCOSE

Catalytic effect of nitrogen-containing compounds on the isomeric conversions of carbohydrates. Part 2: Action of α -amino acids on α , β -isomerization of d-glucose. V. A. Afanas'ev, N. I. Trushkina. *Klin. i kat.* 7 no. 3:545-547 My-Je '66.

Comparative evaluation of glucose and arabinose absorption by the alimentary canal in healthy animals and those with experimental diabetes. I. A. Drzhnevskaya. *Biul. eksp. biol. i med.* 61 no. 6:40-42 Je '66.

Hexokinase of anuclear erythrocytes and its role in the penetration of glucose into erythrocytes. A. I. Fedorova. *Lek. i syr. res. Irk. obl.* no. 4:194-195 '65.

GLUCOSE METABOLISM

Effect of glucose consumption on changes in the erythrograms of anuclear erythrocytes. V. V. Ochinnikov, A. I. Fedorova. *Lek. i syr. res. Irk. obl.* no. 4:190-191 '63.

Glucose assimilation by the organism of rats injured by polonium. V. V. Vasil'evskaya. *Radiobiologiya* 6 no. 3:479-481 '66.

GLUING

Effect of the methods of surface preparation on the durability of a glued joint. S. A. Rubenchik. G. G. Popov. *Vest. mashinost.* 46 no. 6:41-43 Je '66.

Graphical method for determining the content of resin in chip-glue pulp. I. A. Olev. G. A. Parfenenko. *Der. prom.* 15 no. 5:13 My '66.

Studying the suitability of phenol-urea-formaldehyde resin for gluing veneers made of birch rotary-cut veneer with false core. N. A. Ivanovskaya, N. N. Fantalova. *Der. prom.* 15 no. 5:8-9 My '66.

GLUTAMIC ACID

Chefranov, I. V. [Production of glutamic acid and sodium glutamate in sugar factories] Proizvodstvo glutaminovoi kisloty i glutamata natriia na sakharnykh zavodakh. Moskva, TsENTIPishcheprom, 1965, 64 p.

GLUTEN

Some structural elements of rye and wheat gluten. N. N. Med'teva, A. A. Freiman, M. S. Reznichenko. *Izv. vuz. ucheb. zav.; pishch. tekhn.* no. 3:36-40 '66.

GLYCEROL

Lipids. Part 31: Synthesis of α -1-tetradecanyl ether of glycerol. E. A. Parfenov, G. A. Serebrennikova, N. A. Preobrazhenskii. *Zhur. org. khim.* 2 no. 4:625-632 Ap '66.

Solubility and density of the system potassium iodide-glycerol - n-butanol. A. V. Oryshchenko, O. H. Artemchenko. *Dop. AN URSSR* no. 5:619-623 '66.

GLYCIDOL

Interaction between glycidic ether of 2,6-di-tert-butylhydroquinone and secondary amines. A. A. Volod'kin, V. V. Ershov, G. D. Ostapets-Sveshnikov. *Izv. AN SSSR. Ser. khim.* no. 6:1093-1094 '66.

GLYCINE

Kinetics of formation and some transformations of the product of interaction of water-soluble carbodiimide with formylglycylglycine. S. N. Zagrebelskiy, D. G. Knorre, O. A. Mirgorodskaya. *Izv. SO AN SSSR* no. 3. *Ser. khim. nauk* no. 1:104-111 '66.

GLYCOGEN IN THE BODY

Intensification of glycogen autolysis in the marrow of rats subjected to the whole-body X-ray irradiation. V. N. Filippova, L. I. Soldatenkova, I. F. Seits. *Radiobiologiya* 6 no. 3:373-376 '66.

GLYCOLS

Formation of dicarboxylic acids during oxidation of higher glycol ethers. A. N. Bashkurov, A. I. Kistinnova, A. S. Nekrasov. *Neftekhimiya* 6 no. 2:249-251 Mr-Apr '66.

Glycol carbamates. O. P. Koren'kova, R. M. Panich, S. I. Shukator. *Zhur. VKHO* 11 no. 3:346-348 '66.

Glycol ethers and their derivatives. Part 106: Synthesis of alkoxymethyl ethers of i-hexamethylenimine-2,3-propanediol. Shakhmat Mamedov, F. R. Gadzhiev, D. N. Khydyrov. *Zhur. org. khim.* 2 no. 4:653-656 Ap '66.

Separation of polyhydroxy glycols by thin layer chromatography. I. A. Yakhtim, P. A. Okunev, O. G. Tarakanov. *Zhur. anal. khim.* 21 no. 5:630-632 '66.

Synthesis of acetylenic γ -glycols. V. M. Vlasov, A. A. Vasil'eva, E. F. Semenova. *Zhur. org. khim.* 2 no. 4: 595-597 Ap '66.

GLYCOLYSIS

Oxygen consumption by the brain and its glycolytic activity following introduction of various doses of serotonin into the body. S. V. Zakharov, S. P. Filippov. *Biul. eksp. biol. i med.* 61 no. 6:47-49 Je '66.

GNIDIN OIL FIELD—PETROLEUM—ANALYSIS

Petroleum of the Gnidin field. A. S. Zhurba and others. *Neft. i gaz. prom.* no. 3:44-46 My-Je '66.

GOATS—ANATOMY

Histological structure of the skin of goats. E. V. Gaeval. *Trudy Mosk. vet. akad.* 14:243-254 '66.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Mashinskii, S. I. [N. V. Gogol's "Dead souls"] "Mertvyye dushi" N. V. Gogolia. Moskva, Khudozhestvennaya literatura, 1966, 140 p. (Massovaya istoriko-literaturnaya biblioteka)

GOTTER

(see also subdivision under Irkutsk Province)

Chemodectoma diagnosed as nodular goiter. O. V. Nikolaev, A. P. Kalinin. *Azerb. med. zhur.* 43 no. 4: 83-85 Ap '66.

Functional state of the liver in patients with diffuse toxic goiter before and following treatment with ¹³¹I. V. G. Spesivtseva, B. A. Shlevkov, N. D. Belousova. *Med. rad.* 11 no. 5:21-27 My '66.

GORTER (Continued)

Phagocytic capacity of leucocytes during different functional states of the thyroid gland. N.N. Kebabdzhe, Truly Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:315-318 '59.

GOLD-COPPER ALLOYS see Copper-gold alloys**GOLD ISOTOPES**

Diagnostic value of scanning the liver with colloidal Au¹⁹⁸. A.N. Reginskii, Med. rad. 11 no. 6:18-25 '66.

GOLD ORES see subdivision under Aldan Plateau**GOLODNAYA STEPPE—DRAINAGE**

Stability of the horizontal subsurface drainage in the Golodnaya Steppe. E.M. Ostrovskii, A.A. Diadik. Gidr. i mel. 18 no. 6:22-36 '66.

GOLOVINSKAIA, NADEZHDA VASIL'EVNA, 1905-1965

In memory of N.V. Golovinskaya. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:190 Mr-Apr '66.

GOMEL'—CLOTHING INDUSTRY

Production flow by unit and group. S.P. Bolosova. Prom. Bel. 9 no. 4:41-42 Ap '66.

GOMEL'—CONFECTIONERY

Station for preparing and pumping-over fruit products. S.K. Kovalenko, Prom. Bel. 9 no. 4:43 Ap '66.

GOMEL' PROVINCE—COLLECTIVE FARMS—ACCOUNTING

We are improving the accounting on collective farms. V. Fokin, S. Borsuk. Vest. stat. no. 6:57-59 '66.

GOPNER, SERAFIMA IL'INICHNA, 1880-1966

S.I. Gopner; an obituary. Vop. ist. 41 no. 6:219 Je '66.

GORELKA REGION (VORONEZH PROVINCE)—VOLCANIC ASH, TUFF, ETC.

Tertiary volcanic ashes near the village of Gorelka, a natural monument of Voronezh Province. M.N. Grishchenko, V.N. Mirashnikov. Ochr. priro. TSentr. Chern. pol. no. 5:79-85 '64.

GORKIL, MAXIM, 1868-1936

Akademika nauk SSSR Institut mirovoi literatury. [Correspondence between A.M. Gorkil and I.A. Gruzdev] Perepiska A.M. Gor'kogo s I.A. Gruzdevym. Moskva, Nauka, 1966. 382 p. (Arkhiv A.M. Gor'kogo, vol. 11) Galdirov, I.Kh. [M. Gor'kil and Soviet Kazakh literature] M. Gor'kil i kazakhskaya sovetskaya literatura. Alma-Ata, Nauka, 1966. 248 p.

Gorkil and Nansen, T.I. Lysenko, A.I. Vasina, Vest. AN SSSR 36 no. 6:73-75 Je '66.

Maksim Gor'kil as the editor of the "Collected works of proletarian writers." S.M. Breithurg. Kniga; issl. i mat. 10:62-83 '65.

Pakhomova, M.F. [E.V. Gladkov's autobiographical tales and the traditions of M. Gor'kil] Avtobiograficheskie povesti F.V. Gladkova i traditsii M. Gor'kogo. Moskva, Nauka, 1966. 197 p.

GORKIY—AUTOMOBILE INDUSTRY—EQUIPMENT AND SUPPLIES

Technological innovations in the manufacture of cutting tools at the Gorkiy Automobile Plant. N.E. Lomakin. Mashinostroitel' no. 8:30-41 Je '66.

GORKIY—BRIDGES

Installing the supports for a bridge across the Volga at Gorkiy. I.A. Gringauz, Transp. stroi. 16 no. 6: 15-17 Je '66.

GORKIY—ELECTRIC ENGINEERS

comp. [Nizhnyi Novgorod pioneers engineering] Nizhegorodskie pionery zhukki. Moskva, Nauka, 1966. 213 p.

GORKIY—THEATER

Condemned crime. Z. Vladimirova, Teatr 25 no. 10: 88-90 O '64.

GORKIY HYDROELECTRIC POWER STATION

Stabilizing mean daily water discharges through the Gorkiy Hydroelectric Power Station. A. Shmyrov, P. Lisovsky, Rech. transp. 22 no. 8:34-35 Ag '64.

GORKIY PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

They should find time for talks with us. A. Rybakov. Part. zhizn' no. 14:39-40 Ji '66.

GORNAYA SHORIYA—GEOCHEMICAL PROSPECTING

Biogeochemical prospecting method and results of its use in Gornaya Shoriya. V.S. Starikov, B.T. Kononov, I.M. Brubstein. Geokhimiya no. 10:1070-1072 O '64.

GORNO-ALTAI AUTONOMOUS PROVINCE—AGRICULTURE

Some problems in the development of the productive forces of the Gorno-Altai Autonomous Province. V.A. Iablochkov. Izv. Alt. otd. Geog. ob-va SSSR no. 2:5-9 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—AZOTO-BACTER

Nitrogen-fixing bacteria in the soils of the Gornyy Altai. E.P. Khranina, V.A. Volkova. Izv. Alt. otd. Geog. ob-va SSSR no. 2:78-83 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—BIRDS—MIGRATION

Routes and dates of the arrival of migratory birds in the Gorno-Altai Autonomous Province. N.V. Ialbachev. Izv. Alt. otd. Geog. ob-va SSSR no. 2:114-117 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—DAIRY INDUSTRY

Butter and cheese industry of the Gornyy Altai. N.G. Iarmykh. Izv. Alt. otd. Geog. ob-va SSSR no. 2:20-24 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—INDUSTRIES

Some problems in the development of the productive forces of the Gorno-Altai Autonomous Province. V.A. Iablochkov. Izv. Alt. otd. Geog. ob-va SSSR no. 2:5-9 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—LABOR SUPPLY

Utilization of labor resources of the Gornyy Altai. F.D. Malinin. Izv. Alt. otd. Geog. ob-va SSSR no. 2:10-19 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—MAPS

Representation of the Gornyy Altai on geographical maps. N.V. Malakhov. Izv. Alt. otd. Geog. ob-va SSSR no. 2: 108-110 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—NATURAL RESOURCES

Problems in the reclamation of Virgin Mountain-taiga lands of the Altai. III, N. Kurazhskovskii. Izv. Alt. otd. Geog. ob-va SSSR no. 2:25-36 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—PHENOLOGY

Materials on phenological observations in the Gornyy Altai. A.P. Kuchin. Izv. Alt. otd. Geog. ob-va SSSR no. 2:111-113 '63.

GORNO-ALTAI AUTONOMOUS PROVINCE—PINE

Regeneration of Siberian pine stands in burned off areas of the Gornyy Altai. I.A. Korotkov, N.P. Telegin. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:25-28 '66.

GORNO-ALTAYSK—PHENOLOGY

Phenological observations during the spring period in Gorno-Altaysk. L.A. Iankovskaya. Izv. Alt. otd. Geog. ob-va SSSR no. 2:118-119 '63.

GOVERNMENT LIABILITY

Government liability for the loss caused by the officers of the organs of preliminary and pretrial investigation, the personnel of public prosecution agencies and Soviet courts. V.M. Savitskiy, E.A. Fleishlis. Sov. gos. i pravo 36 no. 7:11-18 Ji '66.

GOVERNMENT OWNERSHIP

Economic nature and the legal form of government ownership of land. V. Shkredov. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:37-45 '66.

Objective principles of the state monopoly regulation of the economy. O. Mozhaiskov. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:62-72 '66.

GRADUATE STUDENTS

They should be teachers as well as scientists. N.N. Nogtev. Vest. vys. shkoly 24 no. 5:71-74 My '66.

GRAFTING

Experimental production of three poplar chimeras. S.A. Petrov, P.A. Ryzantsev. Vest. sel'khoz. nauki [Kazakh.]. 9 no. 5:50-53 My '66.

GRAFTING OF SKIN see Skin grafting**GRAIN**

Increasing grain production is a decisive condition for the upsurge of the entire agriculture. I. Khoroshilov. Ekon. sel'khoz. 41 no. 5:56-66 My '66.

Zakharov, I.V. [30 centners of winter crops per hectare] 30 tsentnerov ozimnykh s gektara. [Moskva] Mosk. rabochi, 1965. 53 p. (Ikh opyt dostupen vsem) (DNAL)

GRAIN—ANALYSIS AND CHEMISTRY

(see also subdivision under Kirovograd)

Sulfhydryl groups and disulfide bonds in the proteins of heated grain. G.I. Kotlar, G.I.A. Lebedeva, T.G. Zhuravskaya. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3: 33-35 '66.

GRAIN—CLEANING

Mechanized stations for grain cleaning. A. Kessel'. Tekhn. sel'khoz. 25 no. 3:4-8 Mr '66.

GRAIN—CONGRESSES

International forum on grain and bread. L. Triviatitskii. Muk. -elev. prom. 32 no. 5:8 My '66.

GRAIN—COSTS see subdivision under Krasnodar Territory**GRAIN—DRYING** see subdivision under Kirov Province**GRAIN—GRADING** see subdivision under Crimea**GRAIN—IRRIGATION** see subdivision under Kirghizistan**GRAIN—STORAGE** see subdivision under Topchikha (Altai Territory)**GRAIN—TRANSPORTATION**

Increase the efficiency of bulk cargo movement lines. K. Krutikov. Rech. transp. 23 no. 4:5-7 Ap '64.

GRAIN ELEVATORS

Reconstruction of the elevator and the threshing and cleaning tower at the Velichkovo Grain Products Combine. V. Romanenko, E. Rasmilev. Muk. -elev. prom. 32 no. 5:9 My '66.

GRAIN ELEVATORS—EQUIPMENT AND SUPPLIES

Make the technical base fully ready! Zakup. sel'khoz. prod. no. 5:13 My '66.

GRAIN HANDLING

(see also subdivision under Pavlodar Province) Inspirational influence of the 23d Congress of the CPSU. Muk. -elev. prom. 32 no. 5:1-2 My '66.

GRAIN-HANDLING MACHINERY

Determination of the actual output precision of a proportioner with measuring cups. I.I. Stortzko. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:111-115 '66.

GRAIN TRADE

New frontiers of cereal product enterprises. A. Platonov. Zakup. sel'khoz. prod. no. 5:7-9 My '66.

GRAIN TRADE—STUDY AND TEACHING

To study at the institutions of higher education and technical schools. B. Korolev. Muk. -elev. prom. 32 no. 5:24-25 My '66.

GRANARIES see subdivision under Orenburg**GRANARY WEEVIL**

Effect of gamma irradiation dose rate on the life span of granary weevils. G.A. Zakladnoi. Radiobiologiya 6 no. 3:478-479 '66.

GRANITE

(see also subdivision under Azov Sea region; Karelia)

GRANITE—ANALYSIS see subdivision under Azov Sea region; Bulgaria; Gul'shad region (Kazakhstan)

Burkov, I.U.P., and V.M. Plitsyn. [Thermal processing of granite] Termicheskaia obrabotka granita. Kiev, Budvel'nyk, 1966. 30 p. (Peredovoi opyt-stroitel'stva)

GRANULAR CONJUNCTIVITIS see Conjunctivitis, Granular**GRANULAR MATERIALS**

Determining the granulometric composition of coal preparation products. B.A. Zumiakov, F.I. Shirokov. Fiz. tekhn. probl. razrab. pol. izop. no. 3:132-135 '65.

External shape of SO₂ cation exchanger granules. B.N. Laskorin and others. Zhur. prikl. khim. 39 no. 5:1200-1210 My '66.

Nonuniformity in the fluidization of a granular bed. V.E. Kozin, A.P. Baskakov. Izv. vys. ucheb. zav.; nef't i gaz. 9 no. 2:91-93 '66.

GRAPES

Mukarovskaya, E.A. [Physiology of the regenerative processes in grapevines] Fiziol. regeneratsionnykh protsessov u vinogradnoi lozy. Tbilisi, Molsteret 1966] 120 p.

Quantitative regulation of the surface area of foliage in grapevines. G.I. Iannin. Fiziol. rast. 13 no. 3:528-538 My-Je '66.

Stepanants, R.S. [Reception and quality determination of grapes] Priem i opredelenie kachestva vinograda. Moskva, Kolos, 1966. 156 p. Illus., tables. (CU)

GRAPES—FROST RESISTANCE

Dynamics of the activity of some oxidizing enzymes in grapevines in the course of wintering. Z.I.A. Molchanova. Fiziol. rast. 13 no. 3:494-500 My-Je '66.

GRAPH THEORY

Strengthening of Hadamard's theorem. D. Sh. Lundina. Sib. mat. zhur. 7 no. 3:718-719 My-Je '66.

Use of feedback and generalized graphs. D.N. Belod. Radiotekhnika 21 no. 5:78-80 My '66.

GRAPHIC METHODS

Graphic method for calculating pressure losses in the circulating system of a drilling rig. A.I. Butskii, V.P. Matsievskii. Nef't i gaz. prom. no. 3:20-24 My-Je '66.

GRAPHITE

Veselovskii, V.S. [Carbon and graphite structural materials] Ugol'nye i grafitnye konstruktsionnyye materialy. Moskva, Nauka, 1966. 225 p.

GRASSES

Lawnspreader. O. Pokalov. Zhil. i kom. khoz. 16 no. 7: 11 JI '65.

GRAVEL

Determining contaminating admixtures in stone materials. S. A. Grin, M. A. Zimin, F. S. Klimashov. Avi.dor. 29 no. 6:19-20 Je '66.

GRAVEL—TESTING

Evaluating the wear and crushing resistance of rubble and gravel. A. P. Kuznetsov. Avi.dor. 29 no. 6:21 Je '66.

GRAVEL—TRANSPORTATION

The seven-year plan has been completed ahead of time. V. Kuz'min. Rech. transp. 23 no. 4:14-15 Ap '64.

GRAVITATION

Localizability of gravitational energy and Dirac matrices. N. V. Mitskevich. Truly Un. družh. nar. 11, Fiz. no. 1:84-86 '65.

Possible kind of stable particles in metagalaxy. K. P. Stanukovich. Dokl. AN SSSR 168 no. 4:761-764 Je '66.

GRAVITATION—PHYSIOLOGICAL EFFECT

Comparative analysis of the effect of gravitational stress and hypoxia on the oxygen tension in cerebral tissues. B. M. Savin. Biol. eksp. biol. i med. 61 no. 5:16-23 My '66.

GRAVITY

Interpretation of gravitational stages on a shield. K. F. Tiapkin. Dep. AN URSSR no. 5:011-014 '66.

GREAT BRITAIN—COMMERCE—RUSSIA

Pay more attention to British-Soviet trade! V. Rozen. Nov. vrem. 24 no. 29:30-31 JI '66.

GREAT BRITAIN—ECONOMIC CONDITIONS

Great Britain: Roots of the economic difficulties; current events. Denis Ogden. Nov. vrem. 24 no. 31:16-17 JI '66.

GREAT BRITAIN—ECONOMIC POLICY

History repeats itself; a note on the labor movement. Sam Russell. Nov. vrem. 24 no. 33:21-22 Ag '66.

GREAT BRITAIN—FOREIGN RELATIONS

Great Britain: In bondage of false conceptions. M. Kobrin. Nov. vrem. 24 no. 30:18-19 JI '66.

GREAT BRITAIN—FOREIGN RELATIONS—ASIA

Bankruptcy of the policy related "to the east of Suez". O. Orestov. Mezhdunar. zhizn' 13 no. 8:31-41 '66.

GREAT BRITAIN—FOREIGN RELATIONS—UNITED STATES

An ally or a satellite? M. Kobrin. Nov. vrem. 24 no. 33:14 Ag '66.

GREAT BRITAIN—LABOR AND LABORING CLASSES

History repeats itself; a note on the labor movement. Sam Russell. Nov. vrem. 24 no. 33:21-22 Ag '66.

GREAT BRITAIN—LABOR PARTY

Revolt of the left wing in Westminster. M. Kobrin. Nov. vrem. 24 no. 29:18-20 JI '66.

GREAT BRITAIN—LAND TENURE

Lavrovskiy, V. M. [Study on the agrarian history of England in the 17th-19th centuries] Issledovanie po agrarnoi istorii Anglii XVII-XIX vv. Moskva, Nauka, 1966, 248 p.

GREAT BRITAIN—POLITICS AND GOVERNMENT

Great Britain after the election. R. Patil Datt, Mezhdunar. zhizn' 13 no. 6:62-71 '66.

GREAT BRITAIN—RADIO STATIONS

Radio pirates; manners of the "free world." V. Rozen. Nov. vrem. 24 no. 31 JI '66.

GREAT BRITAIN—STRIKES AND LOCKOUTS—SEAMEN

Friends and foes of the British seamen; labor movement. O. Orestov. Nov. vrem. 24 no. 27:18-19 JI '66.

Pyrrhic victory. M. K. Nov. vrem. 24 no. 28:22 JI '66.

GREECE—PEASANT UPRISINGS

Why the Greek peasantry revolted. Ariston Grekos. Nov. vrem. 24 no. 29:16 JI '66.

GREEK AND ROMAN MEDICINE see Medicine, Greek and Roman

GREEK ARMS AND ARMOR see Arms and armor, Greek

GREEN MANURING see subdivision under Trans-III Alatau

GREENS, EDIBLE

Leafy vegetables. M. Marshak. Zakup. sel'khoz. prod. no. 6:63-64 My '66.

GREKOV, MITROFAN BORISOVICH, 1882-1934

Grekoval, T. T. [M. Grekov, singer of an heroic feat] Pevets podviga M. Grekov. Moskva, Voenizdat, 1966, 97 p. illus.

GRIGISKES (LITHUANIA)—PAPER INDUSTRY—SAFETY MEASURES

Novikov, A. I. [To work in the communist way is to work without accidents; practice in the struggle for "Work without accidents and the improvement of the art of production" in the Grigiskes Pilot Paper Combine, an enterprise of communist labor] Rabotat' po kommunisticheskie - rabotat' bez travm; opyt bor'by "za rabotu bez travm i povyseniye kul'tury proizvodstva" na Grigiskskom opytnom bumazhnom kombinat - predpriyatii kommunisticheskogo truda. Moskva, Lesnaya promyshlennost', 1966, 16 p.

GRIGISKES (LITHUANIA)—PAPER INDUSTRY WORKERS—EDUCATION AND TRAINING

According to the law of the working man's honor. V. Mal'kov. Sov. profsoyuzy 22 no. 12:20-23 Je '66.

GRINDING AND POLISHING

Diamond lapping of cutting tools made of high-speed steel. P. A. Iudkovskiy, A. P. Shevel', V. I. Balanov. Stan. i Instr. 37 no. 9:33-34 Je '66.

Diamond lapping of steel parts. L. K. Zolova, V. I. Polakov. Stan. i Instr. 37 no. 6:34-36 Je '66.

Economic efficiency of diamond grinding and lapping of cutting tools. L. V. Barlashev. Vest. mashinost. 46 no. 6:66-68 Je '66.

Fine grinding of high-precision friction disks. L. F. Vigdorovich. Stan. i Instr. 37 no. 6:44 Je '66.

Grinding rolls of cold rolling mills. L. K. Kuchma. Vest. mashinost. 46 no. 6:55-58 Je '66.

Mechanization of the polishing of varnished coatings. V. P. Bukhtiarov. Der. prom. 15 no. 5:5-7 My '66.

Methods for lapping hard-alloy reamers. D. D. Remizov, M. E. Popov. Stan. i Instr. 37 no. 6:28-29 Je '66.

Polishing cylinder blocks and heads. A. Koreiba. Tekh. v sel'khoz. 25 no. 3:88 Mr '65.

Stressed state of the surface layer of parts subjected to vibratory tumbling. A. P. Babichev, B. B. Khodosh, B. M. Fleishtein. Vest. mashinost. 46 no. 5:64-65 My '66.

Superfinishing alloyed-steel parts. Z. I. Krsment', V. N. Dugin. Stan. i Instr. 37 no. 6:24-25 Je '66.

GRISOFULVIN

Coenzyme A content in the developmental cycle of Penicillium nigricans Bain producing griseofulvin. L. E. Lvova. Antibiotiki 11 no. 5:419-422 My '66.

Current state of the problem concerning the use of griseofulvin. L. A. Steiniukht, T. L. Savel'eva. Antibiotiki 9 no. 10:551-558 O '64.

GROUND BEETLES

Role of the small forest beetle Catosoma inquisitor in the change in the number of silkworms. M. A. Gotosova. Shor. rab. MLTI no. 11:88-94 '64.

GROUPS, THEORY OF

Adrian, S. I. [Determinant relations and the algorithmic problems for groups and semigroups] Opredelitel'schie sootnosheniya i algoriticheskie problemy dlia grupp i polugrupp. Moskva, Nauka, 1966, 120 p. (Akademiya nauk SSSR. Matematicheskii institut. Trudy, vol. 85)

Cartan's pseudogroups and Lie p-algebras. A. I. Kostrikin. I. R. Shafarevich. Dokl. AN SSSR 168 no. 4:740-742 Je '66.

Conjugateness of Hall 0-bases in finite groups. I. B. Raskina. Sib. mat. zhur. 7 no. 3:620-625 My-Je '66.

Construction of A_n^k -algebras. N. K. Pukharev. Sib. mat. zhur. 7 no. 3:724-727 My-Je '66.

Elementary structural properties of semigroups. L. N. Shevrin. Sib. mat. zhur. 7 no. 3:664-684 My-Je '66.

Finally G-ordered and relatively convex semigroups of ordered groups. A. I. Kokorin. Sib. mat. zhur. 7 no. 3:713-717 My-Je '66.

Fuchs, L. [Partially ordered algebraic systems. Translated from the English] Chastichno uporiadochennyye algebricheskie sistemy. Moskva, "Mir", 1965, 342 p. (NN)

Groups with a λ -basis, $\lambda < 1/4$, and a supplementary condition. V. V. Soldatova. Sib. mat. zhur. 7 no. 3:627-637 My-Je '66.

Infinitely varying squares in Cayley's table of semigroups. K. P. Kozlov. Uch. zap. Ped. inst. Gerts. 274:143-149 '65.

Locally generalized Hamiltonian groups. I. N. Abramovskiy. Sib. mat. zhur. 7 no. 3:481-485 My-Je '66.

Search algorithm for proving theorems in the theory of groups. F. V. Amfrev and others. Kibernetika no. 1: 23-29 Ja-F '66.

Semigroups of endomorphisms of μ -aric relations. B. V. Popov. Uch. zap. Ped. inst. Gerts. 274:184-201 '65.

Solution of certain algorithmic problems for finitely determined commutative semigroups. A. P. Birlukov. Sib. mat. zhur. 7 no. 3:523-530 My-Je '66.

Theory of ordered groups. M. I. Kargapolov, A. I. Kokorin, V. M. Kopylov. Alg. i log. 4 no. 6:20-28 '65.

GROUTING—EQUIPMENT AND SUPPLIES

Using the preliminary cementation of shafts from the working face in mines of the Krivoy Rog Basin. P. P. Gocheruk and others. Shakh. strol. no. 5:4-8 My '66.

GROWTH (PLANTS)

Dynamics of the seasonal increment of some trees. M. I. Hordienko. Ukr. bot. zhur. 23 no. 3:44-49 '66.

Effect of temperature on the growth and development of plants. H. M. Il'kun. Ukr. bot. zhur. 23 no. 3:29-34 '66.

GROWTH PROMOTING SUBSTANCES

Effect of repeated preplanting treatment of corn seeds with physiologically active substances on the growth of plants. N. P. Denisova. Biol. Ob-va estestvoispyt. 13:56-68 '64.

Forms of stimulation in plants. Petr Iliev. Priroda 55 no. 6:68-73 '66.

Mechanism of the action of gibberellin. Report No. 2: Effect of gibberellin on the activity of some enzymes and the content of growth stimulants in etiolated pea shoots. R. F. Protoko, O. B. Boichuk, L. S. Drabkina. Ukr. bot. zhur. 23 no. 3:13-18 '66.

Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V. I. Lenina. [Problems of the chemicalization of animal husbandry; the use of biologically active preparations] Voprosy khimizatsii zhivotnovodstva; primeneniye biologicheskikh aktivnykh preparatov. Sbornik rabot. Moskva, Nauka, 1964, 299 p. (DNAL)

GROZNYI PROVINCE—WATER, UNDERGROUND

Solution to certain problems related to the restoration of thermal underground water resources as revealed by a study made in the Terek-Sunzha oil and gas-bearing region. G. M. Sukharev, S. P. Vlasova, I. U. K. Taranukha. Dokl. AN SSSR 168 no. 4:792-795 Je '66.

GRUZDEV, IL'IA ALEKSANDROVICH, 1882-1900

Akademiya nauk SSSR. Institut mirovoi literatury. [Correspondence between A. M. Gorkii and I. A. Gruzdev] Perepiska A. M. Gorkogo s I. A. Gruzdevym. Moskva, Nauka, 1966, 382 p. (Arkhiv A. M. Gorkogo, vol. 11)

GUARANTY see Warranty

GUERRILLA WARFARE

Smirnov, E. E. [Romantics of the skies; a collection of sketches on aviators and parachute partisans] Romantiki neba; sbornik ocherkov ob aviatorakh i desantnikakh. Moskva, DOSAAF, 1966, 80 p.

GUIDED MISSILES

Selbnev, A. A. [Attention, strategic rocket troops!] Vnimanie, strategicheskie! Moskva, Voenizdat, 1966, 110 p.

GUIDED MISSILES—GUIDANCE SYSTEMS

Model of an automaton for selecting the coefficients of a tracking system. J. Olszewski. Kibernetika no. 2: 26-33 Mr-Ap '66.

GUINEA—COMMERCE

Organization and regulation of the foreign trade of the Republic of Guinea. BFI [Prilozh.] no. 5:1-14 JI '66.

GUINEA—ECONOMIC CONDITIONS

Under the banner of social liberation. Leon Maka. Az. i Afr. seg. 9 no. 6:2-3 Je '66.

GUINEA—GEOMORPHOLOGY

Basic problems in the geomorphology of Guinea and Mali. I. U. P. Selverstov, I. U. M. Mikhnenkov. Izv. Vses. geog. ob-va 88 no. 3:218-224 My-Je '66.

GULPAIGAN PROVINCE, IRAN—IRRIGATION

The tragedy of Golpayegan. D. Kasatkin. Az. i Afr. seg. 10 no. 7:19 JI '66.

GUL'SHAD REGION (KAZAKHSTAN)—GRANITE—ANALYSIS

Geochemical connection between the uranium content and the quantitative-mineralogical composition as revealed by a study in the Gul'shad granitoid region (central Kazakhstan). D. N. Ivanov. Geokhimiya no. 10:1080-1084 O '64.

GUL'SHAD REGION (KAZAKHSTAN)—URANIUM

Geochemical connection between the uranium content and the quantitative-mineralogical composition as revealed by a study in the Gul'shad granitoid region (central Kazakhstan). D. N. Ivanov. Geokhimiya no. 10: 1080-1084 O '64.

GUMS AND RESINS

- Diffusion of rosin in gasoline solutions found in wood capillaries. Report No. 5. Effect of the gravity force on the diffusion process of rosin in solutions found in wood capillaries. L. V. Men'shikova and others. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 2:151-154 '66.
- Effect of a coagulating agent on the properties of lignin-filled resins. A. M. Dukunov and others. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 2:155-157 '66.
- Relation of the morphological indices of a pine to its resin productivity. T. A. Tereshina. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 2:13-14 '66.

GUNITES

- Gunitte construction of tanks. B. A. Grigor'ev. *Transp. stroit.* 10 no. 8:30-31 Je '66.
- Lining of vertical shafts with reinforced-concrete bars and subsequent gunitte coating. A. N. Dmitriev. *Shakht. stroit.* no. 5:20-29 My '66.

GYMNASTICS

- Development of strength in the final part of a gymnastics lesson. L. V. Maevskaya. *Teor. i prak. fiz. kult.* 29 no. 6:24-27 Je '66.

GYMNASTICS, MEDICAL see Exercise therapy

GYPSUM

- Nagibin, G. V., V. F. Pavlov, and M. A. Ellern. [Technology of heat insulating and gypsum materials] *Tekhnologiya teploizolyatsionnykh i gipsovykh materialov*. Pod red. M. A. Matveeva. Moskva, Vysshaya shkola, 1966, 466 p.

GYPSY MOTH

- Studying the effect of damage by the brown-tail moth and the gypsy moth to the increment of oaks. L. V. Lisachenkov. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 2: 45-47 '66.

HAAPSALU (ESTONIA)—GUIDEBOOKS

- Raudver, G. [Haapsalu] *Khaapsalu*. [2. toledatud trukk]. Tallin, Eesti Raamat, 1965, 121 p.

HABITS AND BEHAVIOR OF ANIMALS see Animals, Habits and behavior of

HAFFNIUM see subdivision under Amur Province

HAFFNIUM CHLORIDES

- Study of the binary system $KF-HF_4$. I. M. Shelko, H. O. Bukhalova, V. T. Mal'tsev. *Dop. AN URSSR* no. 6:782-784 '66.

HAFFNIUM COMPOUNDS

- Equilibrium coefficient of separation of K_2ZrF_6 and K_2HfF_6 in crystallization from aqueous solution. O. I. Egerev, A. D. Pogorelyi. *Zhur. prikl. khim.* 39 no. 5:1186-1187 My '66.

HAFFNIUM FLUORIDE

- Binary system $NaF-HF_4$. I. M. Shelko, V. T. Mal'tsev, H. O. Bukhalova. *Dop. AN URSSR* no. 6:620-631 '66.

HAIRDRESSING—EQUIPMENT AND SUPPLIES

- Semiautomatic hair drier. *Zhii. i konkh. zh.* 14 no. 5:20 My '64.

HALIDES

- Anode dissolution of tantalum in fused chloride and chloride-fluoride electrolytes. L. E. Ivanovskii, V. N. Divov. *Trudy Inst. elektrokhim. UFAN SSSR* no. 7:73-76 '65.
- Complexes of azo compounds with metal halides. Part 1. L. A. Kazitsyna and others. *Zhur. org. khim.* 2 no. 4:565-571 Ap '66.
- Complexes of azo compounds with metal halides. Part 2. L. A. Kazitsyna and others. *Zhur. org. khim.* 2 no. 4:571-578 Ap '66.

HALL, GUS, 1910-

- People and events: Henri Winston; Gus Hall; Zham-sarangin Samba. *Nov. vrem.* 24 no. 23:12, 30 Ji '66.

the Hall effect at microwave generated resonator. E. M. Ilektron. 11 no. 7:1267-

e of the Hall effect in gadolinium. N. V. Volkonshtein, G. V. Petrov. 10 no. 1:26-30 Ji '66.

ILLUSIONS

- n of patients with acute alcoholic zhii. *Zhur. nov. i psikh.* 66

inone. Part 6: Synthesis of 1-dihalo derivatives of anthra-hin. S. I. Shein, I. L. Boguslav-ski. 2 no. 4:717-722 Ap '66.

naphthylene. G. P. Petronko, org. khim. 2 no. 4:722-727 Ap '66.

HALOGENATION

- Reactions in anhydrous hydrogen fluoride. Report No. 1: Conjugated halogenation of olefins. I. L. Kuznetsov, L. S. Geronov. *Izv. AN SSSR. Ser. khim.* no. 6:1065-1069 '66.

HALOGENS

- Effect of halogen ions on the rate of electrode processes on the bismuth amalgam electrode. V. V. Gorodetskii, V. V. Losev. *Elektrokhimiya* 2 no. 6:656-663 Je '66.
- Reaction of compounds with mobile halogen. Part 2: Some products based on the reaction of 3-bromocyclohexene with isoprene. V. K. Promonnikov, O. A. Pochernikova, V. N. Belov. *Zhur. org. khim.* 2 no. 4: 637-640 Ap '66.

HALOGENS—ANALYSIS

- Reduction method of determining halogens in vinylite resins and halogen-containing organometallic compounds. G. G. Potukhov, T. V. Guseva. *Zav. lab.* 32 no. 5:525-526 '66.

HAND

- Dynamometry of the hand of children at the age of 3-7 years. I. S. Guseva. *Ark. anat., gist. i embr.* 50 no. 3:80-94 Mr '66.

HARBORS

- Building of ports and wharves for industrial enterprises. I. Kraov. *Rech. transp.* 22 no. 8:11-12 Ag '64.
- Wave regimen of the outer harbor. M. Plakida. *Rech. transp.* 22 no. 8:36-38 Ag '64.

HARBORS—EQUIPMENT AND SUPPLIES

- Technical and economic indices of progressive power supply systems of river ports. B. Pain. *Rech. transp.* 22 no. 8:20-23 Ag '64.

HARBORS—REGULATIONS see subdivision under Sweden

HARDNESS—MEASUREMENT

- Device for measuring the surface hardness of steel by means of galvanomagnetic transducers. E. I. Borshchenko, B. I. Tereshchenko. *Zav. lab.* 32 no. 5: 610-621 '66.

HARDNESS—TESTING

- Effect of aluminum concentration on the strength properties of aluminum bronze. A. A. Preshakov, I. U. P. Chernysheva. *Trudy Inst. met. i obog. AN Kazakh SSR* 15: 120-125 '66.

HARMONIC ANALYSIS

- Method for studying transient and steady-state processes in linear systems during complex perturbation with amplitude-pulse modulation. V. G. Osipenko. *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 5:511-516 '66.

HARMONIC FUNCTIONS

- Criteria of the convergence of the gradients of a sequence of harmonic functions. A. V. Bitsadze. *Dokl. AN SSSR* 168 no. 4:733-734 Je '66.

HARMONY

- Thulin, I. U. N. [Theory of harmony] *Uchenie o garmomii*. Izd. 3. 1. apr. i dop. Moskva, Muzyka, 1966, 222 p.

HARVESTING see subdivision under Orenburg Province

HARVESTING MACHINERY

- Production basis for 400 harvesting machines. V. Rog, T. Shapiro. *Zhii. i konkh. zh.* 16 no. 7:32 Ji '65.

HAY—HARVESTING

- New technology in hay harvesting. D. Plasetekil, V. Khodatenko. *Tekh. v sel'khoz.* 28 no. 5:51-52 My '66.

HEAD

- Comparative anatomy of the head muscles of poultry (chicken, turkey, duck, goose). L. V. Remizova. *Trudy TVI* 9:60-67 '65.

HEAD—WOUNDS AND INJURIES

- Parient meningitis originating following head injury. S. L. Kipale. *Zhur. nov. i psikh.* 65 no. 7:1001-1004 '66.

HEALTH EDUCATION—BIBLIOGRAPHY see Bibliography—Health education

HEALTH RESORTS, WATERING PLACES, ETC. see subdivision under Caucasus; Crimea; Latvia;

Mardakyan (Azerbaijan); Shiyanda (Chita Province)

HEALTH RESORTS, WATERING PLACES, ETC.—DESIGN AND CONSTRUCTION

- [Major construction of health resort institutions] *Kapital'-noe stroitel'stvo kurortnykh uchrezhdenii*. [By] G. M. Vinogradov i dr. [Moskva] Profizdat, 1965, 478 p.

HEART—BIOPSY

- Tissue respiration and pathomorphological changes in the articular appendix based on biopsy during mitral commissurotomy. G. F. Arkhipova, V. M. Kirichenko, G. P. Sheredetova. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:74-76 '66.

HEART—DISEASES

- Pushkar', I. U. T., and D. M. Aronov. [When your heart pains you] *Kogda boit serdtsse*. Moskva, Znaniye, 1966, 44 p. (Narodnyi universitet; Fakul'tet zdorov'ia, no. 11)

Reflexes from the upper respiratory tracts to the heart in experimental myocarditis. R. A. Fel'derbaum. *Blud. eksp. biol. i med.* 61 no. 6:33-37 Je '66.

Role of coronarography in the clinical examination of the patient. L. S. Zingerman, B. M. Kogan, K. M. Loider. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11: 110-112 '65.

HEART—EXAMINATION

- Björk's puncture of the left auricle of the heart in the diagnosis of mitral cardiac defects. V. N. Zidgalkin, I. A. Tkhenov. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:58-61 '65.

Results of the digital, manometric, and phonocardiographic examination in mitral stenosis. E. A. Krasnov, V. N. Zhigalkin, A. K. Izumkhanov. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:46-49 '65.

HEART—HYPERTROPHY AND DILATATION

- Methodology for generating experimental hypertrophy of the heart. S. A. Ovspeian. *Zhur. ekaper. i klin. med.* 6 no. 2:3-7 '65.

HEART—INFARCTION

(see also subdivision under Alma-Ata)

Comparative clinical evaluation of some methods for the surgical treatment of chronic coronary insufficiency and myocardial infarct. B. A. Abroskin. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:106-109 '65.

Study of experimental myocardial infarct on the sub-cellular level. I. U. S. Chechulin, V. V. Glagoleva. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:123-125 '65.

HEART—INNERVATION

- Morphology of afferent innervation of the human heart in embryogeny. L. M. Badaleva. *Dop. AN URSSR* no. 5: 669-672 '66.

Reflexogenic area of the heart; potential possibilities and significance. B. S. Kulaev. *Trudy inst. fiziol.* 11: 91-112 '65.

HEART—MUSCLE

- Mitogenic radiation of the myocardium in animals. A. A. Gurvich, V. P. Ermeev. *Blud. eksp. biol. i med.* 61 no. 6:58-59 Je '66.

Oxygen consumption by the myocardium under conditions of normal and hypothermic coronary perfusion and general artificial blood circulation. D. D. Herzhadenko, E. N. Ashcheulova. *Blud. eksp. biol. i med.* 61 no. 6:23-27 Je '66.

HEART—SOUNDS

- Phonocardiogram at a late period following commissurotomy. I. U. S. Makarenko. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:49-53 '65.

HEART—SURGERY

- Comparative characteristics of the blood coagulation system in patients with mitral defect of the heart in open and closed commissurotomy. E. P. Stepanian, E. P. Pospelova, T. Kh. Shurkhalina. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:13-16 '65.

Comparative clinical evaluation of some methods for the surgical treatment of chronic coronary insufficiency and myocardial infarct. B. A. Abroskin. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:100-109 '65.

Indications for commissurotomy in mitral stenosis with concomitant insufficiency. T. V. Smol'manukova and others. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:70-73 '65.

Metabolic changes originating in the blood of patients with acquired cardiac defects following operative intervention. E. P. Stepanian, E. L. Geselevich. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:126-129 '65.

Phonocardiogram at a late period following commissurotomy. I. U. S. Makarenko. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:49-53 '65.

Repeated operations on the heart in patients with mitral stenosis. N. M. Genin. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:30-32 '65.

Some characteristics of the course of the operation period on mitral stenosis in patients with active rheumatic carditis. I. U. M. Briakin, N. G. Tsybanova, V. A. Gubonovskii. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:43-45 '65.

Surgical treatment of complicated mitral stenosis. A. N. Syzganov, I. U. M. Briakin. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:17-21 '65.

Surgical treatment of mitral stenosis in persons over 40. A. S. Rovnov, S. S. Grigorov. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:8-12 '65.

Surgical treatment of mitral stenosis on open heart under conditions of artificial blood circulation. S. A. Kolesnikov and others. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:3-7 '65.

HEART—WOUNDS AND INJURIES

- Restorative processes in the myocardium in rabbits with heart injuries under conditions of experimental therapy. S. S. Sadrassulov, I. U. V. Bukin. *Blud. eksp. biol. i med.* 61 no. 5:27-29 My '66.

HEART BLOCK

- Electric stimulation of the heart in complete atrioventricular block. A. S. Rovnov and others. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:97-102 '65.

HEART FAILURE

Indications for commissurotomy in mitral stenosis with concomitant insufficiency. T. V. Smol'tsukova and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:70-73 '65.

HEARTBEAT

Analysis of the duration of systole phases in thyrotoxicosis. L. K. Shushanina. Zhur. eksper. i klin. med. 6 no. 2:34-38 '66.

HEAT-CONDUCTION

Experimental study of the viscosity and heat conductivity of sodium and potassium vapors. B. I. Stefanov and others. Teplofiz. vys. temp. 4 no. 1: 141-142 Ja-F '66.

HEAT-CONVECTION

Thermal diffusion during free convection. V. P. Kashkarev. Probl. teploenerg. i prikl. teplofiz. no. 2:214-217 '65.

HEAT-TRANSMISSION

Average heat emission and changes in local heat transfer during longitudinal flow of water about a bundle of pipes. A. I. Ionatov. Izv. AN Uz. SSR. Ser. tekhn. nauk 10 no. 3:65-70 '66.

Characteristics of a bandlike radiator allowing for self-irradiation and real contact. A. L. Stasenko. Teplofiz. vys. temp. 4 no. 1:99-107 Ja-F '66.

Cooling of bodies of regular shape. N. D. Kozlov, S. N. Novikova, O. V. Rivin. Probl. teploenerg. i prikl. teplofiz. no. 2:188-192 '65.

Determination of optimal dimensions of laminated air heaters. N. K. Zaitseva. Izv. vys. ucheb. zav. i energ. 9 no. 5:92-96 My '66.

Effect of heat flow on hydraulic resistance and heat transfer in the turbulent flow of dropping liquids in tubes. E. M. Khabakhsheva, I. M. Gruzdeva. Teplofiz. vys. temp. 4 no. 1:92-98 Ja-F '66.

Effect of the scheme of evaporation on heat transfer during condensation and evaporation. V. I. Subbotin and others. Teplofiz. vys. temp. 4 no. 1:143-144 Ja-F '66.

Experimental study of a finned pipe cluster with Z and O structure. V. A. Lokshin, S. G. Dajeva, A. U. Lipeta. Teploenergetika 13 no. 5:73-76 My '66.

Generalization on experimental data on heat emission during the bubbling of underheated liquids in pipes. I. E. Pokhvalov, I. V. Kronin, I. V. Kurganova. Teploenergetika 13 no. 5:63-68 My '66.

Heat transfer from a rapidly moving arc spot. V. I. Krylovich, T. N. Abramenko. Teplofiz. vys. temp. 4 no. 1:80-86 Ja-F '66.

Heat transfer in furnace screens during the burning of natural gas. P. A. Rybalkin. Izv. vys. ucheb. zav. i energ. 9 no. 5:71-75 My '66.

Inozemtsev, V. G. [Heat calculations in the design and operation of brakes] Toplovoye raschoty pri proektirovani i ekspluatatsii tormozov. Moskva, Transport, 1966, 38 p.

Investigating the effect on heat exchange between a spherical surface and a dust-gas flow in relation to the concentration of solid particles, their size and flow rate. A. M. Levashov, N. I. Syromiatnikov. Izv. vys. ucheb. zav. i energ. 9 no. 2:63-67 '66.

Moscow. Energeticheskii institut imeni G. M. Krzhizhanskogo. [Heat exchange in power engineering systems] Teploobmen v elementakh ustanovok. Moskva, Nauka, 1966, 221 p.

Some data on heat transfer and resistance in a rectilinear channel with a ray absorbing surface. N. T. Spodyriak, S. S. Agureikin, P. I. Salykov. Probl. teploenerg. i prikl. teplofiz. no. 2:146-154 '65.

Study of hydrodynamics and heat exchange in a circular channel with an externally rotating cylinder. V. N. Zmolkov, B. P. Ustinenko. Probl. teploenerg. i prikl. teplofiz. no. 2:156-172 '65.

Theory of the volt-ampere characteristics of a one-dimensional gas discharge. I. A. Poliak. Teplofiz. vys. temp. 4 no. 1:134-138 Ja-F '66.

HEAT ENGINEERING

Moscow. Energeticheskii institut imeni G. M. Krzhizhanskogo. [Heat engineering units for the utilization of solar radiation] Toplovoye ustanovki dlia teploizovaniia solnechnoi radiatsii. Moskva, Nauka, 1966, 161 p.

Transfer of denaturators of makeup water for heating network to vacuum conditions. I. G. Pilsan, I. P. Novitskii. Prom. Bel. 9 no. 4:23-24 Ap '66.

HEAT ENGINEERING-ABSTRACTS

[Heat engineering] Ref. zhur.: Teploenerg. nos. 5-6 My-Je '66.

HEAT ENGINES-THERMODYNAMICS

Determining polytropic processes. N. I. Korabel'shtikov. Izv. vys. ucheb. zav. i mashinost. no. 4:107-111 '66.

HEAT EXCHANGERS

Heat emission of the main annular slots of heat exchangers. P. I. Puchkov, O. S. Vinogradov. Energo-mashinostroenie 12 no. 6:31-32 Je '66.

HEAT OF ADSORPTION

Approximate calculation of some thermodynamic functions based on gas chromatography data. G. V. Tsitsishvili, T. G. Andronikashvili, Sh. J. Sobelashvili. Zhur. fiz. khim. 40 no. 5:1128-1130 My '66.

Heats of oxygen chemisorption on silver. V. E. Ostrovskii, M. I. Temkin. Kin. i kat. 7 no. 3:329-334 My-Je '66.

HEAT OF CHEMICAL REACTION see Chemical reaction, Heat of

HEAT OF COMBUSTION

Determination of the heats of combustion of glyadins. V. V. Ponomarev. Zhur. fiz. khim. 40 no. 5:1118-1120 My '66.

HEAT OF DEHYDRATION

Kinetics of high-temperature pentose dehydration in a closed system. V. G. Kul'nevich, I. E. Fald'kovich, B. N. Roshov. Izv. vys. ucheb. zav. i pishch. tekhn. no. 3: 72-77 '66.

HEAT OF FORMATION

Standard heats of formation of niobium carbides from the N_bC phase. A. N. Kornilov and others. Zhur. fiz. khim. 40 no. 5:1070-1075 My '66.

HEAT OF FUSION

Calculation of the heats of silicate fusion. B. I. Arluk. Zhur. prikl. khim. 39 no. 5:1196-1198 My '66.

HEAT OF REACTION see Chemical reaction, Heat of

HEAT OF SOLUTION

Enthalpy of dissolution of beryllium di- and monochlorides in fused alkali metal chlorides. M. V. Smirnov, A. P. Khramenkov. Trudy Inst. elektrokhim. UFAN SSSR no. 7: 3-6 '65.

Thermodynamic properties of electrolytes in nonaqueous solutions. Part 20. G. P. Kotliarova, E. F. Ivanova. Zhur. fiz. khim. 40 no. 5:997-1000 My '66.

HEAT REGENERATORS

Recuperators for high-temperature furnaces. E. L. Medvedevskii, E. I. Korochkin, B. I. Gladkikh. Kuz. - stann. proizvod. 8 no. 6:38-41 Je '66.

HEAT RESISTANT ALLOYS-BRITTLENESS

Nature of the temperature zone of brittleness in heat resistant alloys of the system copper-nickel-beryllium. V. K. Portnoi, M. V. Zakharov, I. I. Novikov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:47-56 '66.

HEAT RESISTANT STEEL see Steel, Heat resistant

HEATING

Efficient selection of a power carrier. T. S. Karachun, E. V. Kostromicheva. Prom. Bel. 9 no. 4:8-10 Ap '66.

HEATING FROM CENTRAL STATIONS

Dual rates in payment for steam supply from thermal electric power plants. Energetik 14 no. 6:34-35 Je '66.

Flakserman, I. N. [Development of thermal power engineering in the U.S.S.R.] Razvitiye teploenergetiki SSSR. Moskva, Energiya, 1966, 198 p.

Lil'min, A. A., and A. A. Skvortsov. [Calculation and design of heating networks] Proektirovaniye i raschet konstruktivnykh teplovyykh setei. Izd. 2., perer. i dop. Moskva, Stroizdat, 1965, 295 p.

HEATING FURNACES see Furnaces, Heating

HEDGE NETTLE see subdivision under Siberia

HEDYSARUM see subdivision under Aydar Valley

HELICOPTERS

Helicopters land airborne forces. I. Danilov. Av. i kosm. no. 6:23-24 Je '66.

The Mi-3 helicopter. M. Mil'. Av. i kosm. no. 6:15-17 Je '66.

HELIUM-SPECTRA

Polarization of helium spectral lines under excitation by electron impact. V. L. Fedorov, L. E. Golovanevskaya. Opt. i spekt. 20 no. 5:750-762 My '66.

Polarization of the 5016 Å helium line under excitation by electron impact. V. I. Perep', V. L. Fedorov. Opt. i spekt. 20 no. 5:745-749 My '66.

HELIUM ISOTOPES

π^0 -meson photoproduction on He^4 near the threshold. A. S. Belousov and others. IAd. fiz. 4 no. 1:110-117 Ji '66.

HEMATOENCEPHALIC BARRIER

Diversities in the penetration of the hematoencephalic barrier by cholinergic substances. V. A. Pechenkin. Biol. eksp. biol. i med. 61 no. 5:72-74 My '66.

HEMATOMA

Clinical aspects and diagnosis of traumatic intracerebral hematomas. L. B. Likhberman, L. Kh. Khitrin. Zhur. nevr. i psikh. 60 no. 5:661-666 '66.

HEMOGLOBIN

Characteristics of the blood of rainbow-trout in connection with the fatty regeneration of liver. N. F. Zubina. Izv. vys. ucheb. zav. i pishch. tekhn. no. 3: 69-71 '66.

HEMOLYSIS AND HEMOLYSINS

Effect of hemolysate on the retraction of a blood clot in acute radiation sickness. D. N. Ishmukhametova. Med. rad. 11 no. 6:54-57 Je '66.

Effect of sodium nitrite on hemolysis. V. V. Ovchinnikov. Lek. i syr. res. Irk. obl. no. 4:187-189 '65.

Effect of uranyl nitrate on hemolysis and hexokinase activity of anuclear erythrocytes. A. I. Fedorova. Lek. i syr. res. Irk. obl. no. 4:197-199 '65.

Hemolytic and amylase tests used in laboratory diagnosis of hog cholera. A. S. Grishenkova, N. G. Zhdanova, L. M. Prilula. Vop. vet. virus. 2:144-149 '66.

HEMOPOIESIS

Effect of stimulation of the mechanoreceptors of the small intestine on hemopoiesis. E. Sh. Kiguradze. Trudy Inst. eksp. i klin. khir. i gonat. AN Gruz. SSR. 8:215-218 '59.

Mechanism of the injury of the hemopoietic tissue by ionizing radiation. G. P. Gruzdev and others. Radiobiologiya 6 no. 3:433-435 '66.

Mechanisms of postirradiation restoration of the hemopoietic tissue. N. F. Barakina, M. I. Anushevskaia. Radiobiologiya 6 no. 3:391-398 '66.

HEMORRHAGE, UTERINE

Baksheev, N. S. [Uterine hemorrhages in labor and the early puerperal period] Matotsnye krvotocheniia v rodakh i ranem postrodovom periode. Kiev, Zdorev'ia, 1966, 341 p. (DNL4)

HEMORRHAGIC FEVER

Changes in the function of kidneys and cardiovascular system in hemorrhagic fever with the renal syndrome. G. S. Mironov, V. V. Akhmetiev, V. A. Pakhov, Voen. - med. zhur. no. 6:77-79 Je '66.

Study of an outbreak of hemorrhagic fever with the renal syndrome. G. V. Situnderenko and others. Voen. - med. zhur. no. 6:61-62 Je '66.

HEMORRHOIDS

Grigorovskii, I. M. [Hemorrhoids; their prevention and treatment] Genozroz; preduprezhdeniye i lecheniye. Izd. 2. Moskva, Meditsina, 1966, 23 p. (Nauchno-populnaya meditsinskaya literatura) (DNL4)

HEPATITIS, INFECTIOUS

Complement activity of the blood serum in infectious hepatitis in children. K. A. Amirdzhanov, K. G. Mameteva. Azerb. med. zhur. 43 no. 4:73-82 Ap '66.

Cytopathogenic action of the virus of duck hepatitis in the tissue culture of its natural host. I. Skonrmanas. Vop. vet. virus. 2:631-632 '66.

Zhendrinskii, I. P. [Pregnancy and jaundice; Botkin's disease] Beremennost' i zheltyukha; bolezni' Botkina. Moskva, Tsentr. in-t usovershenstvovaniia vrachei, 1966, 48 p. (DNL4)

HEPTANAMIDE

Study of the structure of polyheptanamide by the X-ray diffraction method. I. E. H. Kukovskiy, Z. O. Samchenko, I. E. F. Nekriach. Dop. AN URSSR no. 5:624-628 '66.

HERBICIDES

Effect of herbicides on the weediness of sunflower fields and its yield. G. M. Tsukerman, V. G. Sheremet. Vest. sel'khoz. nauki (Kazakh.) 9 no. 5:80-85 My '66.

Method for analyzing herbicides obtained on the basis of urea derivatives. S. M. Shogam, E. I. Kuznetsov. Khim. v sel'khoz. 4 no. 56-58 F '66.

Practices in the use of herbicides in cornfields. I. V. Vsevolodskii, V. P. Avtanasov. Khim. v sel'khoz. 4 no. 2:73-74 F '66.

Use of herbicides in sugar beet seedling sections. V. M. Ostrobodov. Khim. v sel'khoz. 4 no. 2:55-56 F '66.

HEREDITY

Role of heredity in the antibody production in inbred mice strains. O. V. Rokhlin. Bul. MOIP. Chd. biol. 71 no. 2:131-140 Mr-Ap '66.

HEREDITY OF DISEASE

Develop medical genetics. A. E. Galsinovich. Priroda 35 no. 5: '66.

Diagnosis of hereditary determined dysplasias in children; a case of familial cerebellar Rockinghausen's neurofibromatosis. V. A. Llandia, M. M. Tartakovskaya. Zhur. nevr. i psikh. 60 no. 7:1034-1037 '66.

Problems of neurogenetics in pediatric clinical aspects. R. A. Tkachev. Vest. AMN SSSR 21 no. 6:91-96 '66.

HERESIES AND HERETICS

Varshavskii, A. S., and K. M. Ponicheva. [Famous heretics] Velikiye eretiki. Moskva, Detskaya literatura, 1965, 222 p.

HERRING

(see also subdivision under Iceland; Sakhalin)

Mechanized line for cutting the Kalya herring on floating bases. V. Lepetuk. Ryb. khoz. 42 no. 5:64-66 '66.

HERRING-GULL—PARASITES see Parasites—Herring-gull

HETEROCYCLIC COMPOUNDS

In memory of I.I. Konstantinovich Mur'ev. I. K. Korobitsyna, K. U. Novitskii, Zhur. ob. khim. 36 no. 6: 957-966 Je '66.

Semiconducting properties of polymers containing benzene rings and heterocyclic atoms in the main chain. A. I. Maklakova and others. Vysokom. soed. 8 no. 6: 1007-1011 Je '66.

HETEROSIS

Effect of high sublethal temperature on inbred lines and inter-linear hybrids of the mulberry silkworm and the Chinese tussah moth. V. G. Shakhbazov, A. T. Popel'. Uch. zap. KHGU 140:25-28 '63.

Heat resistance of some plant shoots as related to the phenomena of heterosis and polyploidy. V. G. Shakhbazov, N. G. Shestopalova, A. T. Popel'. Uch. zap. KHGU 140:29-33 '63.

HEXANE

Adsorption of n-hexane on an alumina-chromia-potassium catalyst. K. I. Slovet'skaya, T. R. Brueva, A. M. Rubinshtein. Kin. i kat. 7 no. 3:566-568 My-Je '66.

Effect of alkali metals on the properties of platinum catalysts in dehydrocyclization of n-hexane. N. R. Bursian and others. Kin. i kat. 7 no. 3:556-559 My-Je '66.

HEXANOIC ACID

Spectrophotometry of complexes in the system thallium (III) - nitrotriacetic acid. V. I. Kornev, K. V. Astakhov, V. I. Rybina, Zhur. fiz. khim. 40 no. 5:1106-1111 My '66.

HEXOKINASES

Effect of sodium nitrite on hexokinase activity. V. V. Orshinnikov. Lek. i syr. res. Irk. obl. no. 4:183-186 '65.

Hexokinase of amuclear erythrocytes and its role in the penetration of glucose into erythrocytes. A. I. Fedorova. Lek. i syr. res. Irk. obl. no. 4:194-196 '65.

HIDES AND SKINS

(see also subdivision under Soviet Central Asia)

Quality of karakul pelts in the Soviet Union and ways for their improvement. B. A. Kuznetsov. Trudy Mosk. vet. akad. 14:217-222 '66.

Ways to utilize low-grade raw materials. T. U. Pashinin. Kozh.-obuv. prom. 7 no. 2:12-14 F '65.

HIDES AND SKINS—GRADING

Economic analysis of the conversion coefficients of raw leather grading. V. D. Rozhok, G. P. Ispirian. Izv. vys. ucheb. zav.; tekhn. log. prom. no. 2:3-9 '66.

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH TEMPERATURE MATERIALS see Materials at high temperatures

HIGHER EDUCATION see Education, Higher

HIGHWAY TRANSPORT WORKERS

(see also subdivision under Uzhgorod)

Augment and train specialists in automotive transportation. B. Vasil'ev. Av. transp. 44 no. 6:1-3 Je '66.

Improving the training of specialists. V. Povarenkin. Av. transp. 44 no. 5:46-47 My '66.

Training drivers of the ZIL-130 and GAZ-53A motor-trucks. A. Laikov, V. Kiokeev. Av. transp. 44 no. 6: 47-48 Je '66.

HILBERT SPACE

A method for deriving biorthogonal systems. M. I. Israllov. Vop. vych. mat. i tekhn. no. 7:13-19 '65.

HISTAMINE—PHYSIOLOGICAL EFFECT

Effect of histamine and antidiuretic hormone on the diuresis and excretion of hyaluronidase by the kidney. M. S. Iarenko, N. P. Kushch. Biol. eksp. biol. i med. 61 no. 5:15-18 My '66.

HISTERIDAE

New species of hister beetles (Coleoptera, Histeridae) in the U.S.S.R. O. L. Kryzhanovskii. Trudy Zool. inst. 37:51-59 '65.

HISTOCHEMISTRY

Cytochemical changes in rabbits exposed to X-ray irradiation. M. P. Volovik. Uch. zap. KHGU 140:19-24 '63.

Cytochemistry and cytophysiology of vegetative neurons. L. I. Korochkin. Arkh. anat., gist. i embri. 50 no. 5: 101-111 My '66.

Study of experimental myocardial infarct on the sub-cellular level. I. U. S. Cheechulin, V. V. Glagoleva. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:123-125 '65.

HISTOCHEMISTRY—TECHNIQUE

Method of gradual replacement of tissues in a frozen state for cytochemical and histochemical research. F. I. Pashkina, R. A. Prochukhanov. Arkh. anat., gist. i embri. 50 no. 3:101-102 Mr '66.

HISTOLOGY

Brief news. Biol. MOIP, Otd. biol. 71 no. 2:161-170 Mr-Apr '66.

HISTOLOGY—TECHNIQUE

Dimethyl phthalate and diethyl phthalate as substitutes of clove oil in histological technique. E. M. Gendler. Arkh. anat., gist. i embri. 50 no. 3:105 Mr '66.

HISTORICAL MATERIALISM

Bronskii, N. I. [Objective and subjective factors in history] Ob'ektivnyi i sub'ektivnyi faktory istorii. [Cheliabinsk] Cheliabinskii rabochii, 1965. 68 p. (CS-I)

[Current problems in historical materialism; talks on current problems of science] Aktual'nye voprosy istoricheskogo materializma; besedy po aktual'nym problemam nauki. Moskva, Znaniye, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike, Isserlia: Filosofiya, no. 11)

Historical materialism and the laws which govern the development of socialist societies. G. Glezerman. Kommunist 43 no. 8:83-85 Je '66.

HISTORICAL MUSEUMS see subdivision under Moldova

HISTORICAL RESEARCH

(see also subdivision under Buryat A. S. S. R.; Siberia; Soviet Far East; Tomsk)

The problems of great importance. Vop. ist. 41 no. 6: 3-8 Je '66.

Subjects of doctoral dissertations approved by local councils for the coordinated study of the history of the CPSU. Vop. ist. KPSS 10 no. 7:157-158 Ji '66.

The works of Soviet historians devoted to the 50th anniversary of the October Revolution; a talk with Academician I. I. Mints. Kommunist 43 no. 10:124-126 Ji '66.

HISTORICAL SOCIETIES

Establishment of and principal phases in the work of the Society of Marxist Historians, 1925-1932. V. A. Doroshenko. Vest. Mosk. un. Ser. 9: Ist. 21 no. 3:10-22 My-Je '66.

HISTORY

Irkutsk. Gosudarstvennyi pedagogicheskii institut. [Collection of postgraduate papers: philosophy, history, and literary studies] Sbornik aspirantskikh rabot: filosofiya, istoriya, literaturovedenie. Irkutsk, 1964. 274 p. (CS-II)

Odessa. Universitet. [Anniversary session dedicated to the centenary of the I. I. Mechnikov Odessa State University: social and historical sciences, jurisprudence (theses of the reports, May 18-19)] Iuveleina nauka sotsial, pravyachena 100-richchia Odessa'koho derzhavnogo universitetu im. I. I. Mechnikova; auspit'ni, istorychni ta iurydychni nauky (tozy dopovidet, 18-19 travnia). Odessa, 1965. 102 p.

Porslinev, B. F. [Social psychology and history] Sotsial'naya psikhologiya i istoriya. Moskva, Nauka, 1966. 212 p.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—METHODOLOGY

Basic principles of the comparative study of history. E. S. Markorina. Vop. ist. 41 no. 7:18-31 Ji '66.

HISTORY—PERIODICALS

A conference of our readers in Leningrad. G. R. Levin, A. A. Sviridov. Vop. ist. 41 no. 6:170-171 Je '66.

HISTORY—SOURCES

Basic principles of the classification of source materials. M. S. Seleznev. Vop. ist. 41 no. 6:194-196 Je '66.

HISTORY, MODERN—ADDRESSES, ESSAYS, LECTURES

Voronezh. Universitet. [From the history of modern and recent times] Iz istorii novogo i novshego vremeni. Voronezh, 1965. 284 p. (CS-I)

HOATZOALS see Huculs

HODGKIN'S DISEASE

Generalization of the Asieic variation of Plasmal lymphosarcoma. B. D. Oruian. Vop. onk. 12 no. 6:78-79 '66.

Prognostic factors in the treatment of lymphogranulomatosis. I. A. Ignat'eva. Vop. onk. 12 no. 6:35-39 '66.

Radiation treatment of patients with lymphogranulomatosis and lesion of the lungs. I. A. Pereslegin, E. M. Fil'kova, Z. I. Kumelevskaya. Med. rad. 11 no. 6:3-9 Je '66.

HOFMANN REACTION

Preparation of extrahents of the trialkylamino-type according to Hofmann's reaction. B. N. Laskorin, D. I. Skorovarov, V. A. Somenov. Zhur. prikl. khim. 39 no. 5:1049-1055 My '66.

HOG CHOLERA

Comparative histochemical evaluation of the vitamin C content and distribution in the organs of healthy swine and in swine with hog cholera. N. I. Arkhipov, L. M. Pichugin. Vop. vet. virus. 2:576-584 '66.

Hemolytic and amylase tests used in laboratory diagnosis of hog cholera. A. S. Grishenkova, N. G. Zhdanovskii, L. M. Prutina. Vop. vet. virus. 2:144-149 '66.

HOG CHOLERA—MICROBIOLOGY

Adaptation of the hog cholera virus to chicken embryonic cells. A. S. Grishenkova and others. Vop. vet. virus. 2:140-143 '66.

Nitrogen metabolism of a surviving tissue culture during the reproduction of the hog cholera virus. A. V. Teterina and others. Vop. vet. virus. 2:143-144 '66.

Reproduction and changes in the pathogenicity of the hog cholera virus in a surviving tissue culture. S. K. Mikhailov, V. A. Sergeev. Vop. vet. virus. 2:146-147 '66.

HOG CHOLERA—PREVENTIVE INOCULATION

Characteristics of the vaccination of weaned baby pigs produced by immune sows. V. I. Burtsev, A. E. Rafalovich, A. S. Prutina. Vop. vet. virus. 2:143-144 '66.

Morphological changes in the lymphoid organs of swine vaccinated against cholera. N. I. Arkhipov, V. I. Burtsev, L. M. Pichugin. Vop. vet. virus. 2:534-540 '66.

Morphological reaction in the lungs of swine to repeated vaccination against cholera. N. I. Arkhipov, V. I. Burtsev, L. M. Pichugin. Vop. vet. virus. 2:534-535 '66.

Reactogenic and immunogenic properties of the recovered ASV. V. I. Burtsev, V. V. Chernyshev, A. E. Rafalovich. Vop. vet. virus. 2:526-530 '66.

Vaccination of weaned baby pigs. V. I. Burtsev, V. V. Chernyshev, A. E. Rafalovich. Vop. vet. virus. 2:530-535 '66.

HOISTING MACHINERY

Concerning the selection of a drilling line and the design of the rig hoisting mechanism. R. A. Nagornov. Tekhn. khoz. 44 no. 5:16-18 My '66.

Hoisting machinery. I. Makhnovskii. Zhil. i kom. khoz. 16 no. 7:9-11 Ji '65.

Important branch of the economy. A. Zlobin. Nauch. dokl. vys. shkoly; ekon. nauki 9 no. 3:52-56 '66.

Russia (1923- U.S.S.R.). Gosudarstvennyi komitet po delam stroitel'stva. [Uniform norms and calculations for construction, assembly, and repair work] Edinnye normy i rascheti na stroitel'stvo, montazhnye i remontno-stroitelnye raboty. Moskva, Stroizdat. Sbornik 28. [Assembly of hoisting equipment] Montazh pod'emno-transportnogo oborudovaniya. No. 2. [Intermittent-action equipment] Intermitentnoe proryvnoye delatvilo. 2, Izdat. Ispol. izd. 1965. 184 p.

HOLIDAYS

Kuybyshev. Oblastnaya biblioteka. [New holidays and rites should be accepted by the people; a list of recommended literature to aid the organization of new holidays and rites and to workers of cultural and educational institutions] Noveye prazdniki i obryady - v nashem byt; rekomendatsii k spisku literatury v pomoshch' organizatoram novykh prazdnikov i obitayev i rabotnikam kul'turno-prosvetitel'nykh uchrezhdenii. Kuybyshev, 1965. 11 p. (CS-I)

HOLMIUM ISOTOPES—DECAY

β^+ -Coincidence in Ho^{160} decay. B. S. Dzidolepov, O. E. Kraft, I. U. V. Naumov. Izv. AN SSSR. Fiz. 30 no. 7:1217-1219 Ji '66.

HOME AND SCHOOL

Each family is different. R. Kuprlov. Nauch. res. no. 7:53-58 Ji '66.

HOMOGRAFTS

Tolerance developed in skin homografts performed on adult rats with the use of acellular antigens from several donors. A. I. Afonov. Dokl. AN SSSR 164 no. 4: 950-952 Je '66.

HONEY—ANALYSIS

Determination of a protein admixture in honey. A. I. Koshgita, E. G. Ulanov. Shor. nauch. rab. stud. Sibir. gos. univ. vet. inst. 3:30-34 '66.

HONEY PLANTS see subdivision under Buryat A. S. S. R.

HONING—EQUIPMENT AND SUPPLIES

New designs of honing heads and optimal binders for hard used in diamond honing. I. U. B. Serchenyuk and others. Mashinostroitel' no. 6:19-20 Je '66.

HORIZONTAL BAR

Mathematical and electronic functional model for studying the technique of turns on a horizontal bar. V. I. Nazarov. Teor. i prak. fiz. kul't. 20 no. 6:103-105 Je '66.

HORMONE THERAPY

Effect of hormones on the reparative process in the skin under gamma irradiation. A. I. Bukhonova. Med. i biol. 11 no. 5:38-43 My '66.

HORMONES

Melanocytes and homology of pigment reactions. A. A. Volkovich. *Usp. sov. biol.* 61 no. 3:471-490 My-Je '66.

HORSE-CHESTNUT

Development of the vascular bundle in leaves of common lilac (*Syringa vulgaris* L.) and horse chestnut (*Aesculus hippocastanum* L.). G. M. Borisovskaya. *Vest. LGU* no. 9:49-60 '66.

HORSEFLIES

(see also subdivision under Gissar Range; Gissar Valley; Ill Valley, Kazakhstan; Uzbekistan; Voronezh Province)

Biology of *Atylotus korymbosus* Szil. (Diptera, Tabanidae). A. S. Lutta. *Trudy Inst. zool. AN Kazakh SSR* 25:102-115 '66.

HORSES—DISEASES AND PESTS

Infection and immunogenic properties of ribonucleic acid of the virus of infectious encephalomyelitis of horses. F. Z. Amfiteatrov, N. K. Gizatullina. *Vop. vet. virus.* 2:160-163 '66.

Use of the fluorescent antibody method in the detection of the virus of infectious encephalomyelitis of horses in tissue cultures. K. A. Shishidov, K. A. Gerasimov. *Vop. vet. virus.* 2:20-23 '66.

HORSES AS LABORATORY ANIMALS

Performance of an operation with the aid of an intestinal cannula and postoperative care of the horse. S. P. Podnosov, V. A. Ocheintukova, E. I. Surikova. *Trudy TVI* 9:176-180 '65.

HOSPITALS, MILITARY

Movement for communist labor in a hospital. K. S. Artemenko, V. P. Firsov. *Voen-med. zhur.* no. 12:7-10 D '65.

HOTELS, TAVERNS, ETC. see subdivision under Ukraine

HOURS OF LABOR

Working time. IU, Korshunov. *Sov. profsoyuzy* 22 no. 11:44-45 Je '66.

Working time. IU, Korshunov. *Sov. profsoyuzy* 22 no. 12:42-44 Je '66.

HOUSEHOLD APPLIANCES, ELECTRIC

Household machines and appliances in the five-year plan. A. Filippov. *Sov. tog.* 30 no. 6:10-23 Je '66.

HOUSING

(see also subdivision under Germany, West; Kaluga; Moscow)

Competition with Novosibirsk. *Zhil. i kom. khoz.* 16 no. 7:34-35 Je '66.

Consultation on the problems of housing and collective gardening. *Razved. i okh. nedr.* 32 no. 6:50-59 My '66.

For increasing housing profits through improved management. *Zhil. i kom. khoz.* 16 no. 7:1-2 Ji '66.

In the Ministry of the Communist Economy of the R.S.F.S.R. *Zhil. i kom. khoz.* 16 no. 7:34-35 Ji '66.

Klopov, K. K. [The tomorrow of municipal services] *Zavtra kommunalnogo khoziaistva.* Moskva, Stroiizdat, 1966. 91 p. (Nauchno-populnarnaya seriya)

Like owners, not tenants. E. Patsevich. *Zhil. i kom. khoz.* 16 no. 7:6-7 Ji '66.

HOUSING—LAW AND LEGISLATION

Judicial practice in cases concerning the compulsory exchange of rooms and apartments. D. Reikin. *Rad. pravo* 20 no. 6:41-43 Je '66.

HOUSING MANAGEMENT—HANDBOOKS, MANUALS, ETC.

Piontkovskii, V. F. [Concise manual for the housing manager] *Kratkii spravochnik upravlinushchego domn. i. Kiev, Budivelnik, 1966. 220 p.*

HRUSHEVSKYI, MIKHAILO, 1866-1934

Hrushevs'kyi, Mykhailo. [Autobiography] *Avtobiografiia.* Toronto, Ukrainian Canadian University Students' Union, 1965. 16 p.

HUCULS

Lomats'kyi, Mykhailo. [Robota' nest] *Opryshkivs'ke huzdo.* [Munich] 1964. 168 p. (NN)

HULLS (NAVAL ARCHITECTURE)—RELIABILITY

Chukovskii, V. S., and O. M. Palii. [Principles of the theory of reliability of ship hulls] *Osnovy teorii nadezhnosti sudovykh korpusnykh konstruktiv.* Leningrad, Izd-vo Sudostroyeniia, 1965. 323 p. (CU)

HUMAN EMBRYOLOGY see Embryology, Human

HUMAN ENGINEERING

Scientific labor organization, planning and introduction of the new equipment. S. Mikhailov. *Sots. trud* 11 no. 6:30-40 Je '66.

HUMIDITY

Formulas for the calculation of atmospheric humidity. O. A. Drozdov. *Trudy GGO* no. 199:27-29 '66.

HUNGARY—BIBLIOGRAPHY

[New literature on Hungary] Nov. lit. po Veng. no. 5 '66.

HUNGARY—ECONOMIC POLICY

Hungary's experiment. N. Osipov. *Nov. vrem.* 24 no. 27:10-13 Ji '66.

The mechanism of changes. J. Palfi. *Mezhdunar. zhizn'* 13 no. 8:105-106 '66.

HUNGARY—HISTORY

Bacso, János. [What happened behind the scenes. Translated from the Hungarian] *Chto proiskhodilo za kulissami.* Moskva, Mezhdunarodnye otnosheniia, 1965. 357 p. (CST-H) (COTU)

HUNGARY—INDUSTRIAL MANAGEMENT

The mechanism of changes. J. Palfi. *Mezhdunar. zhizn'* 13 no. 8:105-106 '66.

HUNGARY—LANGUAGE AND LANGUAGES—BIBLIOGRAPHY

Hungarian bibliography of linguistic studies. A. N. Kirik. *Sov. bibl.* no. 2:124-125 '66.

HUNGARY—MINERS

Pride of the Hungarian miners. *Sov. profsoyuzy* 22 no. 10:40 My '66.

HUNGARY—ONCOLOGY

Oncological studies in the institutes of Budapest; personal observations. N. N. Vasil'eva, V. V. Radnaya. *Vop. onk.* 12 no. 6:115-116 '66.

HUNGARY—PRICES

The price reform in the People's Republic of Hungary. B. Csikos-Nagy. *Fin. SSSR* 40 no. 6:81-88 Je '66.

HUNGARY—RUSSIANS

Russian communist groups in Austria and Hungary in 1917-1918. *Vop. ist. KPSS* 10 no. 7:67-69 Ji '65.

HUNGARY—TRADE UNIONS

When interests of society and industry are common. Sander Pirityi. *Sov. profsoyuzy* 22 no. 10:39-40 My '66.

HUNTING see subdivision under Siberia, Western

HUZULS see Huculs

HYALURONIDASE

Effect of histamine and antidiuretic hormone on the diuresis and excretion of hyaluronidase by the kidney. M. S. Iakimenko, N. P. Kuchin. *Biul. eksp. biol. i med.* 61 no. 5:15-18 My '66.

Effect of insufficiency and excess of thyroid hormones in rabbit body on the activity of a nonspecific hyaluronidase inhibitor. P. I. Fogel. *Biul. eksp. biol. i med.* 61 no. 5:51-53 My '66.

HYBRID CORN

Some characteristics of the respiration of the shoots of hybrid corn and polyploid hybrid sugar beet. V. G. Shakhbazov, N. G. Shestopalova, L. V. Kotenko. *Uch. zap. KNGU* 140:34-38 '63.

HYDRATION

Theory of salting-out from aqueous solutions. Part 2: Dehydration and hydration as dependent on the salted-out cation hydration. O. A. Samoilov. *Zhur. struk. khim.* 7 no. 2:175-178 Mr-Apr '66.

HYDRAULIC CONTROL

Electrohydraulic controller of the speed of a steam turbine (electrical part). G. G. Velozhina, M. V. Ol'shvang, I. B. Fedina. *Trudy VEI* no. 73:50-63 '66.

Electrohydraulic controllers of hydraulic turbines. A. N. German. *Energomashinostr.* 12 no. 6:1-5 Je '66.

Experimental study of hydraulic safety gear on a crank press for the extrusion of tubes. I. A. M. Raskin, V. A. Zdanovich. *Kuz.-stam. proizv.* 8 no. 6:34-37 Je '66.

Petrokas, L. V., ed. [Theory of automatic machines and pneumatic and hydraulic drives] *Teoriia mashin-avtomatov i pnevmno-gidropriivodov; sbornik statei.* Moskva, Mashinostr., 1966. 367 p.

HYDRAULIC CONVEYING

Hydraulic transportation of rock from strip pits. A. D. Gusev, A. P. Konik, T. G. Mukhina. *Stroi. mat.* 12 no. 2:10-11 F '66.

Technological flow sheets of hydraulic conveying during mining. D. A. Levitskii, N. S. Bolotskikh, M. S. Raifrub. *Shkht. stroi.* no. 5:19-21 My '66.

HYDRAULIC ENGINEERING

Fonin, N. K., V. I. Gromov, and V. G. Iasnetkii. [Planning hydraulic engineering operations in drainage and irrigation constructions] *Proektirovanie proizvodstva gidromekhanicheskikh rabot.* Moskva, Kolos, 1966. 270 p. (Uchebnye i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—CONGRESSES

Tenth International Congress on Hydraulic Research. M. Plakina. *Rech. transp.* 23 no. 4:53 Ap '64.

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES

Damped oscillations of concentration along a hydraulic set of apparatus. A. B. Ivanov. *Zhur. prikl. khim.* 39 no. 5:1196-1199 My '66.

New self-recorder of water level. N. P. Smagin. *Razved. i okh. nedr.* 32 no. 5:52-53 My '66.

HYDRAULIC ENGINEERING—FINANCE

Determining complete investment in a hydraulic engineering project considering the time of construction. S. L. Sardarian. *Izv. AN Arm. SSR. Ser. tekhn. nauk* 19 no. 2:64-66 '66.

HYDRAULIC JACKS

Covering spans for supporting-type hydraulic jacks. S. T. Kuznetsov and others. *Ugol'* 41 no. 6:43-46 Je '66.

HYDRAULIC JUMP

Hydraulic jump as a water meter. M. S. Vyzgo, B. G. Mal'nev. *Izv. AN Uz. SSR. Ser. tekhn. nauk* 10 no. 3:43-47 '66.

HYDRAULIC MACHINERY—HYDRODYNAMICS

Akademiia nauk URSS, Kiev. [Hydrodynamics of hydraulic machinery] *Gidrodinamika gidromashin.* [Kiev] Naukova dumka, 1966. 118 p. (Respublikanskiy mezhvedomstvennyi sbornik. Gidromekhanika)

HYDRAULIC MINING

Studying stable barings of lateral rocks during mining without supporting the working faces in hydraulic mines. V. V. Gubin. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3: 141-143 '63.

HYDRAULIC PRESSES

Hydraulic presses for the relief work on dies. G. M. Berul' and others. *Kuz.-stam. proizv.* 8 no. 6:27-30 Je '66.

Redesigning of the small MGP-12 hydraulic press. V. M. Smirnov. *Energetik* 14 no. 6:26-27 Je '66.

HYDRAULIC PRESSES—DESIGN AND CONSTRUCTION

Design of stands of hydraulic presses for plastics. V. G. Voronin. *Vest. mashinostr.* 46 no. 5:67-71 My '66.

HYDRAULIC RAMS

Direct determination of the maximum efficiency of a ram unit. V. M. Orseplan. *Izv. AN Arm. SSR. Ser. tekhn. nauk* 19 no. 2:3-9 '66.

HYDRAULIC STRUCTURES

Studying the pressure of progressive waves on a vertical wall. A. I. Kuznetsov, Z. A. Gorashchenko. *Trudy Soluz-NorNIIProekt* no. 8:107-116 '65.

Theory of the interaction of obliquely approaching waves with a vertical wall. V. B. Drozdov. *Trudy Soluz-NorNIIProekt* no. 8:119-129 '65.

HYDRAULIC TURBINES

(see also subdivision under Kharkov)

Automatic excitation controllers with strong action for hydraulic turbine and generator units, turbogenerators, and synchronous compensators with electronic excitation systems. L. F. Alekseev and others. *Trudy VEI* no. 73:1-32 '66.

Economic effectiveness of methods for the group control of adjustable-blade hydraulic turbines. IU, P. Red'ko. *Izv. vys. ucheb. zav.; energ.* 9 no. 6:96-100 Je '66.

Effect of a water hammer in the system of branched piping on the optimal control of hydraulic turbines. V. K. Brutian. *Izv. AN Arm. SSR. Ser. tekhn. nauk* 19 no. 2:10-16 '66.

Electrohydraulic controllers of hydraulic turbines. A. N. German. *Energomashinostr.* 12 no. 6:1-5 Je '66.

Flow from the blade of a bucket turbine. IU, U. Edel'. *Energomashinostr.* 12 no. 6:44-45 Je '66.

Standardization of the design of the flange connections of hydraulic turbine shafts. A. A. Voloshin. *Energomashinostr.* 12 no. 5:20-21 My '66.

Tests of the flange connections of hydraulic turbine and pipeline components. G. Engleson. *Energomashinostr.* 12 no. 5:0-11 My '66.

HYDRAULIC TURBINES—BLADES

Effect of shape deviations of the rotor blades of an axial flow hydraulic turbine on its characteristics. D. A. Butsev. *Izv. vys. ucheb. zav.; mashinostr.* no. 4:90-95 '66.

HYDRAULICS

Results of the study of the spreading and union of a turbulent flow. G. I. A. Mishchuk. *Izv. vys. ucheb. zav.; energ.* 9 no. 5:97-104 My '66.

HYDRAULICS (Continued)

Russia (1923- U. S. S. R.) Uchebno-metodicheskoe upravlenie po vysshim uchebnym zavedeniyam.
[Program for the course "Hydraulics" for majors in "Hydraulic engineering construction of river structures, hydroelectric power stations" and "Hydraulic engineering construction of sea channels and ports" of institutions of higher learning] Programma kursa "Gidravlika" dlia spetsial'nostei "Gidrotekhnicheskoe stroitel'stvo renykh sooruzhenii, gidroelektricheskikh stantsii" i "Gidrotekhnicheskoe stroitel'stvo vodnykh morskikh putei i portov" vysshikh uchebnykh zavedenii. [Moskva, Vysshiaia shkola, 1982] 10 p.

HYDRAZINE

Kinetics of reaction of a bivalent iron ion with diphenylpicrylhydrazyl. R. I. Zisman and others. *Kin. i kat.* 7 no. 3:414-418 My-Je '66.

HYDRAZONES

Reduction of 2,4-dinitrophenyl hydrazones of α -keto acids and some aldehyde acids in the presence of boride catalysts. N. S. Gelko and others. *Dokl. AN SSSR* 168 no. 4: 935-941 Je '66.

HYDRIDES

Main results of the calculation of ten-electron hydrides C, N, O, and F by the method of concentric resolution in one-configuration approximation. I. U. A. Krugliak, I. L. Sapiro, Zhur. struk. khim. 7 no. 2:262-266 Mr-Apr '66.

HYDROBROMIC ACID

Hydrobromination of acetylenic ketones. L. F. Chelpanova, L. N. Mashlakovskii. *Zhur. org. khim.* 2 no. 4:602-607 Ap '66.

Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part 1: Reaction of propyl and isopropyl hydroperoxides with hydrogen bromide and bromine in the gas phase. A. I. Porokova, V. V. Voevodskii, A. B. Nalbandian. *Arm. khim. zhur.* 19 no. 2:83-88 '66.

HYDROCARBON OILS

Extraction of aromatic hydrocarbons from the fraction 270-440°C of delayed coking gas oil. V. I. Zavidov, M. I. Shapchenko, V. I. Dal'. *Izv. vys. ucheb. zav.; nef't' i gaz.* 9 no. 2:60-62 '66.

HYDROCARBONS

Analysis of impurities with stronger sorption characteristics than the main mixture component. A. A. Zhukhovitskii, N. M. Turkel'taub, V. V. Naumova. *Neftekhimika* 6 no. 2:324-328 Mr-Apr '66.

Barinov, V. E. [Polymerization and alkylation of hydrocarbons] *Polymerizatsiia i alkilirovanie uglevodorodov.* Moskva, Khimika, 1966. 147 p. (Biblioteka molodogo rabochego)

Calculating water solubility of individual hydrocarbons under low pressures. I. U. G. Nechaev. *Izv. vys. ucheb. zav.; nef't' i gaz.* 9 no. 2:77-80 '66.

Conversion of hydrocarbons on various dehydrogenating catalysts. E. A. Timofeeva. *Kin. i kat.* 7 no. 3:404-407 My-Je '66.

Cycloalkylation of aromatic hydrocarbons by monochloro derivatives of cyclohexane and methylcyclohexane. S. D. Mekhtiev and others. *Azerb. khim. zhur.* no. 2:49-55 '64.

Determination of very low water concentrations in inert gases and hydrocarbons. S. G. Poljak. *Zav. lab.* 32 no. 5:572-575 '66.

Economic and mathematical model for optimum balance of hydrocarbon raw materials. V. I. Luzin, E. A. Mukhacheva. *Gaz. delo* no. 5:39-42 '66.

Isomerization, hydrogenation, and hydrosomerization of some hydrocarbons on Y-type synthetic zeolites containing group VIII metals. Kh. M. Minachev and others. *Izv. AN SSSR. Ser. khim.* no. 6:1001-1005 '66.

Transfer coefficients of normal saturated hydrocarbons and alcohols. A. A. Tarzimanov, V. E. Mashirov. *Izv. vys. ucheb. zav.; nef't' i gaz.* 9 no. 2:70-72 '60.

HYDROCARBONS—PHYSIOLOGICAL EFFECT

Carcinogenic activity of some new derivatives of polycyclic hydrocarbons. A. B. Limuk. *Vop. onk.* 12 no. 5:97-98 '66.

HYDROCARBONS—SPECTRA

Experimental and theoretical study of the absolute intensities of the infrared spectra of hydrocarbons in the gaseous phase. A. G. Finkel'. *Opt. i spektr.* 20 no. 5: 773-779 My '66.

HYDROCEPHALUS

Role of hypertensive hydrocephalic manifestations in the genesis of neurological symptoms in Itsenko-Cushing's disease and syndrome. L. S. Soskin, E. Z. Gincherman, M. I. Balakhovskaya. *Zhur. nevro. i psikh.* 68 no. 5:666-670 '66.

HYDROCHLORIC ACID

Chlorination of methylcyclopentane and dehydrochlorination of monochloromethylcyclopentane. M. A. Martanov, K. G. Veliev, N. I. Turner. *Azerb. khim. zhur.* no. 2:15-18 '64.

Experimental investigation of the dehydrochlorination of dichloroethane for the production of vinyl chloride in a reactor with a stationary catalyst bed. M. P. Nagiev and others. *Azerb. khim. zhur.* no. 2:41-47 '64.

HYDROCHLORIC ACID—PHYSIOLOGICAL EFFECT

Materials on changes in the changes in the secretion and motility of the stomach following infusion of hydrochloric acid into the duodenum. E. M. Matrosova. *Trudy Inst. fiziol.* 11:225-245 '63.

HYDROCYANIC ACID

Liquid-vapor phase equilibrium in the system hydrocyanic acid - acrylonitrile at various pressures. N. M. Sokolov, N. N. Sevriugova, N. M. Zhavoronkov. *Zhur. fiz. khim.* 40 no. 5:1096-1099 My '66.

HYDRODYNAMICS

Characteristics of flow in three-dimensional hydrodynamic problems. V. M. Ivchenko. *Dop. AN URSS* no. 5:588-599 '66.

Effect of heat flow on hydraulic resistance and heat transfer in the turbulent flow of dropping liquids in tubes. E. M. Khabakhsheva, I. M. Gruzdeva. *Teplotekhn. vys. temp.* 4 no. 1:92-98 Ja-F '66.

Experimental study of the hydrodynamics of a plane rectilinear channel. D. A. Nesupbekova, B. P. Ustimenko. *Probl. teplotengr. i prikl. teplotiz.* no. 2:179-187 '65.

Investigating the hydrodynamic structure of a flow in locally washed out funnels. M. V. Nemchnov. *Avi. dor.* 29 no. 6:27-28 Je '66.

Study of hydrodynamics and heat exchange in a circular channel with an externally rotating cylinder. V. N. Zmeikov, B. P. Ustimenko. *Probl. teplotengr. i prikl. teplotiz.* no. 2:155-172 '65.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Bratsk Hydroelectric Power Station; Gorkiy Hydroelectric Power Station; Kiev Hydroelectric Power Station; Krasnoyarsk Hydroelectric Power Station; Upper Tula Hydroelectric Power Station; Volga Hydroelectric Power Station (22d Congress of the CPSU))

Experimental study of an aim function in the optimization of the seasonal operation of a cascade of hydroelectric power stations in a power system. V. I. Obrezkov, N. K. Molinin. *Izv. vys. ucheb. zav.; energ.* 9 no. 6:89-95 Je '66.

Hydraulic calculation of nonsteady mode in the diffuser of the draining pipe and branch pipe unit of an underground hydroelectric power station. A. I. Tsekholov. *Izv. vys. ucheb. zav.; energ.* 9 no. 5:120-130 My '66.

Savvin, I. M. [Pumped-storage electric power plants] *Gidrokumulyatsionnye elektrostantsii.* Moskva, Energiia, 1966. 135 p.

HYDROELECTRIC POWER STATIONS—EQUIPMENT AND SUPPLIES

Selection of operational equipment in hydroelectric power stations. T. A. Filippova. *Izv. vys. ucheb. zav.; energ.* 9 no. 8:14-14 Je '66.

HYDROELECTRIC POWER STATIONS—COLD WEATHER OPERATION see subdivision under Kazakhstan

HYDROFLUORIC ACID

Processes of interaction of silicon surface with fluorine and hydrogen fluoride. V. V. Tiapkina, N. S. Guseva. *Zhur. fiz. khim.* 40 no. 5:1084-1089 My '66.

Reactions in anhydrous hydrogen fluoride. Condensation of formaldehyde with haloolefins in HF. L. S. Gorman, I. L. Knuvant, Zhur. VKHO 11 no. 3:354-355 '60.

Reactions in anhydrous hydrogen fluoride. Report No. 1: Conjugated halogenation of olefins. I. L. Knuvant, L. S. Gorman. *Izv. AN SSSR. Ser. khim.* no. 6:1055-1059 '60.

Reactions in anhydrous hydrogen fluoride. Synthesis of fluorine-containing ethers and esters. L. S. Gorman, I. L. Knuvant, Zhur. VKHO 11 no. 3:350-355 '60.

HYDROGEN

Chromatographic method of determining active hydrogen in organic compounds. M. N. Chumachenko, L. B. Tverdiukova, F. G. Leenson. *Zhur. anal. khim.* 21 no. 5:617-624 '66.

Reaction of atomic hydrogen with dimethyl and trimethylamines. K. T. Oganestian, A. B. Nalbandian. *Arm. khim. zhur.* 19 no. 2:150-156 '66.

HYDROGEN-ION CONCENTRATION

Electrode glasses for pH-measurements. A. S. Benovol'skii and others. *Vest. LGU* 21 no. 10:111-117 '66.

Relationship between pH of the duodenum content and the secretory activity of the pancreas. V. G. Troitskii, E. K. Funtikova. *Trudy Inst. fiziol.* 11:316-320 '65.

HYDROGEN ISOTOPES

Hydrogen exchange of saturated hydrocarbons in homogeneous media. Report No. 3: Ionic-chain mechanism of isotope hydrogen exchange of methylcyclohexane in solutions of trifluoroacetic and sulfuric acids. D. N. Kurnanov, V. N. Setkina, N. V. Pok. *Izv. AN SSSR. Ser. khim.* no. 4:974-978 '66.

Kinetics of isotope exchange between gaseous hydrogen and hydrogen dissolved in palladium. B. M. Andreev and others. *Kin. i kat.* 7 no. 3:470-474 My-Je '66.

HYDROGEN PEROXIDE

Catalytic decomposition of H_2O_2 under the effect of $Na_2WO_4 + Mg(NO_3)_2$. Magnesium peroxosulfates. G. A. Bogdanov, N. A. Korotchenko. *Zhur. fiz. khim.* 40 no. 5:1009-1014 My '66.

Initiated oxidation of cyclohexanol. V. V. Kharitonov, E. T. Dantsov. *Neftekhimika* 6 no. 2:235-240 Mr-Apr '66.

HYDROGEN SULFIDE

Study of the behavior of hydrogen and oxygen atoms and reaction products by the electron paramagnetic resonance method in a rarefied hydrogen sulfide flame. G. A. Shteln, A. B. Nalbandian. *Arm. khim. zhur.* 19 no. 2:135-139 '66.

HYDROGENATION

Behavior of some unsaturated hydrocarbons on a platinum catalyst. T. M. Beloshudova, D. V. Sokol'skii. *Neftekhimika* 2 no. 6:704-707 Je '66.

Special features of the heterogeneous catalytic hydrogenation of polymers as exemplified by sodium - polybutadiene. A. I. Akuchuk and others. *Vest. LGU* 21 no. 10:156-159 '66.

HYDROGRAPHY see subdivision under Volga River

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLYSIS

Hydrolysis and alcoholysis of α -chloroethyl aryl ethers. M. F. Shostakovskii, A. V. Kalabina, K. K. Zikherman. *Zhur. org. khim.* 3 no. 4:689-692 Ap '66.

Hydrolysis reactions of higher dialkylchlorosilanes in the presence of hydrogen chloride acceptor. K. A. Andrianov, B. A. Izmailov. *Izv. AN SSSR. Ser. khim.* no. 6:1102-1104 '66.

Isolation and study of the structure of the amino acid components of a hydrolyzate of the antibiotic actinidin. N. N. Tomakina, M. S. Iurina, M. G. Brazhnikova. *Antibiotiki* 9 no. 10: 800-805 O '64.

Kinetics of alkaline hydrolysis of $[F_2BONH_2]_2$ and acid hydrolysis of F_2BONH_2 . I. G. Ryas, S. L. Idenko, M. B. Buchinskii. *Kin. i kat.* 7 no. 3:540-551 My-Je '66.

Kinetics of catalytic hydrolysis of allyl chloride in alkali medium. H. A. Treger, R. M. Fild, N. A. Vorontsova. *Kin. i kat.* 7 no. 3:449-454 My-Je '66.

Kinetics of TiV thermal hydrolysis and growth of TiO_2 particles. H. D. Dolmatov, H. A. Kobayrskii, A. I. Sheinkman. *Zhur. VKHO* 11 no. 3:351-352 '66.

Nucleophilic substitution at the tetrahedral phosphorus atom. Part 2: General aspects of the kinetics of alkaline hydrolysis of phosphorus acid derivatives. S. M. Maslov and others. *Zhur. ob. khim.* 36 no. 6:1098-1104 Je '66.

Nucleophilic substitution in the series of phosphorus derivatives. Part 1: Kinetics of dialkylphosphoryl chloride hydrolysis. A. A. Nelyubova, I. L. Knuvant, Zhur. ob. khim. 36 no. 6:1090-1099 Je '66.

Synthesis of amino acids found in actinidin hydrolyzate. R. Dognar and others. *Antibiotiki* 9 no. 10:875-880 O '64.

HYDROMETALLURGY

Studying the rate of dissolution of indium sulfide in hydrochloric acid. Kh. Mukhtayev, A. I. Tseit. *Vest. AN Kazakh. SSR* 22 no. 6:31-36 Je '66.

HYDROMETEOROLOGICAL RESEARCH

Some results and prospects of the scientific works of the Institutes of the Hydrometeorological Service, 1965-1966. E. K. Fedorov. *Meteor. i gidrol.* no. 6: 3-11 Ja '66.

HYDROMETEOROLOGY (see also subdivision under Cuba)

Error in determining the temperature of a water surface from meteorological data. L. V. Nosina. *Trudy GGO* no. 187:137-170 '60.

HYDROPEROXIDES

Liquid-phase oxidation of ethyltoluene to hydroperoxide, and some ways of its utilization. A. V. Riazanova and others. *Neftekhimika* 6 no. 2:227-234 Mr-Apr '66.

Mechanism of liquid-phase cumene oxidation studied by the inhibition method. Part 3: Formation of reaction products and their effect on the radical decomposition of hydroperoxide. V. L. Antonovskii, E. T. Dantsov, L. V. Solntseva. *Kin. i kat.* 7 no. 3:400-413 My-Je '66.

HYDROQUINONE

Interaction between glycidic ether of 2,6-di-tert-butylhydroquinone and secondary amines. A. A. Volod'kin, V. V. Ershov, G. D. Ostapets-Sveshnikova. *Izv. AN SSSR. Ser. khim.* no. 6:1093-1094 '66.

Kinetics of electrochemical hydroquinone oxidation within 20 to 270 °C temperature range in non-aqueous pyridine. I. U. G. Bochkov, A. M. Abol'mov, S. V. Gorbachev. *Zhur. fiz. khim.* 40 no. 5:1148-1151 My '66.

HYDROXYL GROUP

Synthesis of substituted styrene β -chlorohydrin and the kinetics of their interaction with bases. Part 1: Reaction of styrene β -chlorohydrin with hydroxyl ion. E. N. Barantsevich, T. I. Tennikova. *Zhur. org. khim.* 2 no. 4:648-653 Ap '66.

HYGIENE

Agayev, E. R. and E. E. Sarkisants. [Hygiene and the fundamentals of the organization of public health] *Gigiena s osnovami organizatsii zdorovokhraneniia*. Moskva, Meditsina, 1966. 247 p. (DNLM)

HYMENOPTERA see subdivision under Voronezh Province

HYPERSPACE

Chebyshev approximation with and without links in some hypercomplex spaces. V. D. Koromyshchenko. *Dop. AN USSR* no. 6:702-708 '66.

HYPERTENSION

Changes in the blood circulation system in patients with hypertension under the effect of exercise therapy and massage. I. N. Nazarova. *Vop. kur., fizioter. i lech. fiz. kult.* 31 no. 2:138-164 Mr-Apr '66.

Changes in the distribution rate of the pulse wave in hypertension before and following treatment. K. T. Gasparyan. *Zhur. eksper. i klin. med.* 8 no. 2:29-33 '66.

Clinical morphological comparisons in patients with isolated aortic stenosis complicated with pulmonary hypertension. A. M. Shurugata, A. V. Bueva. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:149-151 '65.

Diurnal Na/K rhythm in the saliva and its changes under the effect of ACTH, prednisolone, deoxycorticosterone, and smoking in hypertension. N. L. Aslanian. *Zhur. eksper. i klin. med.* 6 no. 2:39-44 '66.

Dynamics of hypertension in children based on cranio-graphic data. Z. N. Pliankin. *Zhur. nevro. i psikh.* 66 no. 7:1022-1024 '66.

Pulmonary hypertension in mitral stenosis. A. V. Bueva and others. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:33-36 '65.

Role of hypertensive hydrocephalic manifestations in the genesis of neurological symptoms in Itsenko-Cushing's disease and syndrome. L. S. Soskin, E. Z. Gincherman, M. I. Balakhevskaya. *Zhur. nevro. i psikh.* 66 no. 5:668-670 '66.

HYPERTHYROIDISM

Analysis of the duration of systole phases in thyrotoxicosis. L. K. Shushanina. *Zhur. eksper. i klin. med.* 6 no. 2:31-38 '66.

Study of hepatic function in thyrotoxicosis using 131 I-labelled rose bengal. A. A. Adamian, G. A. Kazarian. *Zhur. eksper. i klin. med.* 6 no. 2:11-18 '66.

HYPERTROPHY

Autoradiographic study of deoxyribonucleic acid synthesis in compensatory hypertrophy of the kidneys. M. R. Antipova. *Ark. anat., gist. i embr.* 50 no. 5:34-37 My '66.

HYPOCHLORITES

Oxidation of strongly basic anion exchangers by hypochlorite. B. N. Laskorin and others. *Zhur. prikl. khim.* 39 no. 5:1203-1206 My '66.

HYPOPHOSPHITES

Chromatographic method of determining total phosphorus in hypophosphites. A. K. Kutarkina, A. M. Shirina. [Trudy] *UNIKHIM* no. 11:93-94 '64.

Determining phosphite-ion in a mixture with hypophosphites and large quantity of calcium phosphate. V. M. Maslovich, L. A. Tarakanova, F. I. Mil'shtein. [Trudy] *UNIKHIM* no. 11:95-97 '64.

HYPOPHOSPHOROUS ACID

Reaction of hypophosphorous acid with chloral. K. V. Nikonov, E. A. Gurylev, P. F. Fakhrislamova. *Izv. AN SSSR. Ser. khim.* no. 6:1095 '66.

HYPOSULFITES—TOXICOLOGY

Effect of one percent hyposulfite solution on *Escherichia coli*. A. S. Oyod. *Sbor. nauch. rab. stud. Sar. zootekh. i vet. inst.* 3:18-20 '65.

HYPOTHALAMUS—DISEASES

Hypothalamic disorders in the seizure period of bronchial asthma in children. I. U. D. Balaev. *Zhur. nevro. i psikh.* 66 no. 7:1013-1015 '66.

HYPOTHERMIA

Changes in the potassium, calcium, chloride, sugar, total protein and protein fractions of the blood in general hypothermia in an experiment. T. S. I. Abakova, L. A. Kandelaki, V. P. Mandzhigaladze. *Trudy inst. eksp. i klin. khir. i gemat. AN Gruz. SSR* 8:333-340 '69.

Mechanism of the change in refractory reactions of the blood pressure in hypothermia and oxygen deficiency. T. V. Popova. *Trudy Inst. fiziol.* 11:279-300 '65.

Role of cortical structures in phase shifts of the vasomotor reflexes in hypothermia. T. V. Popova. *Trudy Inst. fiziol.* 11:301-315 '65.

Thermovascular reaction of the skin in swine in local hypothermia. K. S. Dirmolaeva, O. L. Bedrata, G. F. Odoshkina. *Nauk. pratsi zootekh. fak. UASHN* 15 no. 2:99-104 '61.

HYPOTHYROIDISM

Effect of Ehrlich's ascitic carcinoma on the function of the thyroid gland in mice. V. I. Arkhipenko. *Biol. eksp. biol. i med.* 61 no. 5:97-100 My '66.

HYSTERESIS

Random vibrations of the elastic body accompanied by energy dissipation in the material. V. M. Honcharenko. *Dop. AN USSR* no. 6:733-737 '66.

IAKIMOV, LEV KONSTANTINOVICH, 1904-1966

Lev Konstantinovich Iakimov; obituary. *Teploenergetika* 13 no. 5:96 My '66.

IAKINE, Monk, 1777-1853

New data on the manuscript heritage of N. Ia. Bichurin. L. I. Chuguevskii. *Nar. Az i Afr.* no. 3:127-130 '66.

IAKOVLEV, ALEKSANDR SERGEEVICH, 1906-

60th birthday of A. S. Iakovlev, corresponding member of the Academy of Sciences of the U.S.S.R. *Vest. AN SSSR* 36 no. 6:107 Je '66.

IANUS, RUDOL'F IVANOVICH, 1904-1966

Rudolf Ivanovich Ianus; obituary. *Zav. lab.* 32 no. 5: 647 '66.

IAZYKOV, NIKOLAI MIKHAILOVICH, 1803-1846

A contribution to the history of P. V. Kireevskii's collection; the role of the Iazykov brothers in the collecting. A. D. Solonov. *Trudy Inst. etn.* 91:24-44 '65.

ICE see subdivision under Arctic regions

ICE INDUSTRY—EQUIPMENT AND SUPPLIES

Grodnik, M. G., and A. Ia. Velichanskii. [Design and operation of carbonic acid plants] *Proektirovanie i ekspluatatsia uglerodnykh ustanovok*. Moskva, Pishchevaia promyshlennost', 1966. 272 p.

ICE ON RIVERS, LAKES, ETC. see subdivision under

Katun' Valley; Lena River Watershed; Siberia; Yenisey River Watershed; see also subdivision 'Ice' under Balkhash, Lake; Bratsk Reservoir; Kama Reservoir; Kremenchug Reservoir; Lena River

ICE ROADS see Roads, Ice

ICELAND—HERRING

Selling frozen Iceland herring. O. V. Mironova, J. Gudmundson. *Ryb. khoz.* 42 no. 5:47-50 '66.

ICELAND SPAR see subdivision under Lower Tunguska Valley

ICHNEUMON FLIES see subdivision under Soviet Central Asia

ICHTHYOLOGICAL RESEARCH

Five-year plan of the development of national economy and some objectives of ichthyological research. *Vop. ikht.* 5 no. 2:193-197 '66.

IFE, NIGERIA—ART, YORUBA

Realistic character of the art in Ife and its possible sources. N. N. Koshevskaya. *Nar. Az i Afr.* no. 3: 110-116 '66.

IGNEOUS ROCKS see Rocks, Igneous

IKORETS RIVER

Ikorets River and its role in the national economy. I. A. K. Kovalev and others. *Okhr. prir. TSentr. - Chern. pol.* no. 5:133-142 '64.

ILI VALLEY (KAZAKHSTAN)—CERATOPOGONIDAE

Bloodsucking midges (Diptera, Ceratopogonidae) in the Ili basin. Zh. S. Smatov. *Trudy Inst. zool. AN Kazakh. SSR* 25:78-83 '66.

ILI VALLEY (KAZAKHSTAN)—HORSEFLIES

Faunistic composition and distribution of horseflies in the Ili Valley. U. S. Kunadykova. *Trudy Inst. zool. AN Kazakh. SSR* 25:96-101 '66.

ILI VALLEY (KAZAKHSTAN)—MOSQUITOES

Review of bloodsucking mosquitoes in the Ili basin. Zh. M. Isimbekov. *Trudy Inst. zool. AN Kazakh. SSR* 25:14-28 '66.

ILLITERACY see subdivision under Underdeveloped Areas

ILLUMINATION OF BOOKS AND MANUSCRIPTS

Origin of the illuminative design of early printed books in Moscow. N. P. Kiselev. *Kniga i issl. i mat.* 11:67-108 '65.

ILLUSTRATION OF BOOKS

V. A. Fayoraki as illustrator of books. A. D. Goncharov. *Kniga i issl. i mat.* 11:40-155 '65.

IL'MEN LAKE REGION (NOVGOROD PROVINCE)—SOILS

Characteristics of soils with surface moisture in the Il'men Lowland. N. N. Matinlan. *Vest. LGU* no. 9:132-142 '66.

IMANOV, LIUTFHAR

Liutfiar Imanov. L. Kafanova. *Teatr* 25 no. 10:91 O '64.

IMIDAZOLE

Complex compounds of metals with some nitrogen-containing ligands. Part 3: Complex compounds of tin and titanium tetrachlorides with imidazole and its derivatives. A. D. Garmovskii and others. *Zhur. ob. khim.* 36 no. 6:1063-1069 Ju '66.

IMMUNOCHEMISTRY

Clinicohematological and immunochemical characteristics of an active rheumatic process in patients with mitral stenosis. I. U. M. Briakin and others. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:62-65 '65.

IMMUNOLOGICAL RESEARCH

Immunological reactivity of radiation chimeras. Report No. 4: Adaptive immunity. D. R. Kaulen. *Zhur. mikrobiol., epid. i immu.* 43 no. 5:64-69 My '66.

IMMUNOLOGICAL TOLERANCE

Tolerance developed in skin homoplasty performed on adult rats with the use of acellular antigens from several donors. A. I. Afonov. *Dokl. AN SSSR* 169 no. 4: 559-562 Je '66.

IMMUNOLOGY

Some regularities in the local antibody production following the second antigen introduction (immunological memory). M. I. Levi and others. *Zhur. mikrobiol., epid. i immu.* 43 no. 5:53-61 My '66.

INCENTIVES IN AGRICULTURE

Combination of material and moral incentives to work under socialism. I. U. I. Palkin. *Vop. filos.* 20 no. 6: 3-13 '66.

INCENTIVES IN INDUSTRY

Basic principles of the system of material stimulation of inventors and innovators. E. P. Torkanovskii. *Vop. izobr.* no. 1:6-12 Ja '66.

Combination of material and moral incentives to work under socialism. I. U. I. Palkin. *Vop. filos.* 20 no. 6: 3-13 '66.

Forms of group material incentives of the present-day stage. A. M. Koval'chuk. *Uch. zap. Ped. inst. Gerts.* 286:96-118 '66.

Procedure for the formation and use of the incentive funds. I. U. Margulis. *Fin. SSSR* 40 no. 5:69-73 My '66.

Shkurko, S. I. [The new system of material incentives] *Novaya sistema material'nogo stimulirovaniia*. [Moskva, Ekonomika, 1966] 53 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 10)

Some problems of the incentive fund formation in enterprises. S. Shkurko. *Vop. ekon.* no. 6:3-15 Je '66.

Technological progress and material self-interest. K. Kedrova. *Plan. khoz.* 43 no. 6:110-18 Je '66.

INCOME see subdivision under Europe, Eastern

INDAN

Conversions of hydriindan in the presence of aluminum chloride. N. A. Belikova and others. *Neftekhimika* 6 no. 2:179-185 Mr-Apr '66.

INDANDIONE

Addition of aryl nitromethanes to 2-arylidene-1, 3-indandiones. L. P. Zalukaev, D. G. Vnenkovskaya. *Zhur. org. khim.* 2 no. 4:872-874 Ap '66.

Cyclic arylazo- β -diketones. Part 10: Esters of 2-aryldene-1, 3-indandione-2-carboxylic acids. L. Sakhar, E. Gudrinetskaya. *Zhur. org. khim.* 2 no. 4:874-882 Ap '66.

INDEX NUMBERS (ECONOMICS)

Economic nature of the centrally-planned indices. A. Rotshstein. *Vest. stat.* no. 6:9-16 '66.

INDEXES

Instructional and informational apparatus of books. B. Gorbachevskii. *Knab. torg.* 17 no. 6:39-40 Je '66.

INDIA—CASTE

Indian caste today. O. Oskolkova, I. U. Gusev. *Mir. ekon. i mezhdunar. otn.* no. 6:126-133 '66.

INDIA—COMMUNIST PARTY

Decisions of the National Council of the Communist Party of India. *Kommunist* 43 no. 11:123-125 Ji '66.

INDIA—CURRENCY QUESTION

Devaluation of the Indian rupee. S. Borisov. *Nov. vrem.* 24 no. 26:22-23 Je '66.

INDIA—DESCRIPTION AND TRAVEL

In Southern India. I. U. Gotlover. *Nov. vrem.* 24 no. 27: 27-29 Ji '66.

INDIA—ECONOMIC ASSISTANCE, RUSSIAN

India and her problems. *Sovremennik. Nov. vrem.* 24 no. 30:2-3 Ji '66.

INDIA—ECONOMIC POLICY

The time prompts us to act. K. Govinda Pillai. Mol. komm. no. 8:90-93 Ag '64.

INDIA—PETROLEUM INDUSTRY

"Vasudhara" or "Fountain of prosperity." G. Dram-bians. Az. i Afr. seg. 9 no. 6:18-20 Je '66.

INDIA—POLITICS AND GOVERNMENT

India and her problems. Sovremennik. Nov. vrem. 24 no. 30:2-3 Ji '66.

INDIA—TECHNICAL ASSISTANCE, RUSSIAN

"Vasudhara" or "Fountain of prosperity." G. Dram-bians. Az. i Afr. seg. 9 no. 6:18-20 Je '66.

INDIA—WATER SUPPLY

Between two evils. P. Unkrishnan. Az. i Afr. seg. 10 no. 7:16 Ji '66.

INDICATORS AND TEST PAPERS

Rapid fluorine determination in nickel and copper tetra-fluorates by means of fluorescent indicators. L. K. Ponomareva, G. N. Sharapova. [Trudy] UNIKHIM no. 11:51-53 '64.

INDIUM—ANALYSIS

Analysis of indium-containing garnets. V. A. Trukhocheva, V. V. Malakhov. Zav. lab. 32 no. 5:528-529 '66.

Determination of arsenic impurity in indium. G. V. Filantkova. Zav. lab. 32 no. 5:529 '66.

INDIVIDUALITY

Shoshin, V. A. [The poet and the world; creative individuality in Soviet poetry] Poet i mir; o tvorcheskoi individualnosti v sovetskoi poezii. Moskva, Nauka, 1966, 184 p.

INDOCHINA, FRENCH—POLITICS

On the banks of the Mekong River. I. Shatalov. Mezhdunar. zhizn' 13 no. 8:83-92 '66.

INDONESIA—MOTION PICTURES

Thanks to my teachers. Zainal Abidin. Az. i Afr. seg. 10 no. 7:45 Ji '66.

INDONESIA—POLITICS AND GOVERNMENT

Problems discussed in Djakarta. A. Usatov. Nov. vrem. 24 no. 27:20-21 Ji '66.

INDUCTION ELECTRIC MOTORS see Electric motors, Induction

INDUCTION HEATING

Donskoi, A. V., and V. V. Volodin. [Improvement of the characteristics of high-frequency electrothermal systems] Uлучшение характеристик высокочастотных электро-термических установок. Moskva, Energiya, 1966, 134 p. (Biblioteka elektrottermista, no. 20)

Precision upsetting of rod-type flanged parts using local induction heating. A. E. Tserna, V. A. Egorov, G. G. Solodenko. Kuz. -shitaniye, 8 no. 6:44 Je '66.

Transient processes in a system automatically regulating a thermal process in high-frequency heating. I. E. Zviagin. Trudy LPI no. 258:96-102 '65.

INDUSTRIAL BUILDINGS—CORROSION

Moscow. Tsentral'nyi nauchno-issledovatel'skii i proektno-experimental'nyi institut promyshlennykh zdani i sooruzhenii. [Wear and protection of structural elements of industrial buildings in a corrosive medium generated during the production process] Iznos i zashchita konstruktivnykh promyshlennykh zdani i agresivnoi sredoi proizvodstva. Pod red. K. N. Karlashova. Moskva, Stroizdat. No. 2, 1966, 158 p.

INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

reinforced concrete sup-
[Buildings] Raschet zhelezo-
promyshlennykh zdani.

tkov [Improving the organi-
] Sovershenstvovanie orga-
el'stva. [Leningrad] Len-

And V. E. Krasenski.
] architectural design [ea-
] Grazhdanskie i promysh-
konstruktivnye skhemy i
er. I dop. Pod obshchimi
Vysshaya shkola, 1966.

ding machines. V. Rog,
16 no. 7:33 Ji '65.

gn, Industrial

Diamonds, Industrial

Efficiency, Industrial

lanning and introduction
allov. Sots. trud 11

INDUSTRIAL EQUIPMENT

The U. S. S. R. is the largest exporter of machinery and equipment. I. Andreev. Vnesh. tor. 46 no. 6:3-9 '66.

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

Improve the repair work indices. V. Gleizer. Plan. khoz. 43 no. 6:80-92 Je '66.

INDUSTRIAL HYGIENE

Concern for the welfare of the people is an important task of trade unions. K. Guseinov. Sov. profsoyuzy 22 no. 13:3-5 Ji '66.

Fridland, I. G. [Significance of unfavorable industrial factors in the origin and course of some diseases] Znacheniye nefagoprilatnykh proizvodstvennykh faktorov v vozniknovenii i techenii nekotorykh zabolevani. [Leningrad] Meditsina, 1966, 235 p. (DNLN)

Solubility of radioactive particles. A. V. Rykhovskii, I. M. Beniaminov, V. G. Doroshenko. Med. rad. 11 no. 6:65-69 Je '66.

INDUSTRIAL LAWS AND LEGISLATION

Important document on the socialist state industrial enterprises. N. I. Bakhgorski. Vest. aviatsii 28 no. 4:27-28 Ap '66.

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia; Azerbaijan; Czechoslovakia; Hungary; Minsk; Sverdlovsk; United States; White Russia)

At the sources of the socialist organization of work and production. V. G. Podmarkov. Vop. filos. 20 no. 6:35-45 '66.

Belkin, V. D., and N. I. Buzova. [Economic methods of management and price review] Ekonomicheskie metody khoz. i tsennostnogo rukovodstva i perspektivy taen. [Moskva, Ekonomika, 1966] 21 p. (Ekonomisty o novoi khoz. i tsennostnoi reforme v SSSR, no. 7)

Careful preparations ensure success. D. Nikitin. A. Galenko. Part. zhizn' no. 14:18-25 Ji '66.

Economic reform expands its scope. Sots. trud 11 no. 6:3-10 Je '66.

The economic reform in operation. Den. i kred. 24 no. 6:33-38 Je '66.

Paid for the development of production. S. Vorontsov, S. Rubinshteyn. Fin. SSSR 40 no. 5:63-68 My '66.

Green light to voluntary participation in industrial management. K. S. Vukovskaya. Prom. bel. 9 no. 4:54-55 Ap '66.

The guidance of people and the management of industrial operations. A. I. Shchiglik. Sov. gos. i pravo 36 no. 7:19-24 Ji '66.

How the administration of industry was improved during the first five-year plan. V. Z. Drobtzhev. Vop. ist. 41 no. 6:19-23 Je '66.

Index of total labor expenditures and its use under the conditions of economic reform. I. Maslinski, G. Ivanov. Sots. trud 11 no. 6:133-138 Je '66.

Irresponsible telegrams of industrial executives. Kommunist 43 no. 11:126-127 Ji '66.

Klinov, N. I., and V. T. Prokhorov. [Production life and Soviet laws] Zhizn' proizvodstva i sovetskie zakony. Sverdlovsk, Sredne-Uralskoe knizhnoe izd-vo, 1965, 134 p.

Leonov, L. A. [The economic reform and some problems of economic theory] Khoz. i tsennostnaya reforma i nekotoryye voprosy ekonomicheskoi teorii. [Moskva, Ekonomika, 1966] 23 p. (Ekonomisty o novoi khoz. i tsennostnoi reforme v SSSR, no. 2)

Ministries inform. Sots. trud 11 no. 6:145-148 Je '66.

Objectives of mechanization in the textile and light industries. D. G. Zhitkov, B. I. Damaskin, I. A. Niko-nov. Mekh. i avtom. proizv. 20 no. 6:21-23 Je '66.

Party organizations in the administrations of industrial enterprises. G. Maglov. Part. zhizn' no. 13:41-42 Ji '66.

The place of industrial corporations in the system of administration of industry. K. A. Lapinska. Vest. Mosk. un. Ser. 12: Pravo 21 no. 3:54-63 My-Je '66.

Potentialities for increasing the efficiency of social production. Vop. ekon. no. 6:122-138 Je '66.

Practice in transferring to the new system of planning and economic stimulation of industrial production. Sots. trud 11 no. 6:104-113 Je '66.

Present-day problems of the economic reform. A. Ba-churin. Kommunist 43 no. 11:40-52 Ji '66.

Problems in the improvement of industrial planning and management. V. Cherutavskii. Vop. ekon. no. 6:16-27 Je '66.

Program for the development of industry. Khleb. i kond. prom. 10 no. 5:2-3 My '66.

Role of credit in the development of production. V. F. Bliznets. Prom. bel. 9 no. 5:13-16 My '66.

The role of experimentation in the economic reform. L. Lopatinov. Kommunist 43 no. 10:43-53 Ji '66.

Romanenko, N. P. [Methods for improving industrial management; based on materials from Bryansk, Kaluga, Tula and Orel Provinces] Puti uluchsheniya upravleniya promyshlennost'yu na materialakh Bryanskoi, Kaluzhskoi, Tul'skoi i Orlovskoi oblastei. Tula, Prikskoe knizhnoe izd-vo, 1965, 78 p. (RU)

Scientific labor organization, planning and introduction of the new equipment. S. Mikhailov. Sots. trud 11 no. 6:39-48 Je '66.

Scientific labor organization plans in operation. A. Strelets and others. Sots. trud 11 no. 6:71-79 Je '66.

Scientific organization of managerial operations in industrial production. V. I. Olyin-Nesterov. Sov. gos. i pravo 36 no. 6:21-29 Je '66.

Scientific organization of workers' labor in an industrial enterprise. Sots. trud 11 no. 6:49-62 Je '66.

Shcherban', A. N., ed. [Scientific organization of labor and management] Nauchnaya organizatsiya truda i upravleniya. 2. izd. Moskva, Ekonomika, 1966, 429 p.

Some problems in transferring to the new system of planning. L. Ovsyevich, P. Grodinski. Plan. khoz. 43 no. 6:60-70 Je '66.

Some problems of the incentive fund formation in enterprises. S. Shkurko. Vop. ekon. no. 6:3-15 Je '66.

Utilize internal potentialities fuller. Den. i kred. 24 no. 6:3-7 Je '66.

We should master the businesslike methods of industrial management. Part. zhizn' no. 15:3-7 Ag '66.

What is economic efficiency. P. Sheliakin. Komm. Vopr. razv. 47 no. 12:85-87 Je '66.

INDUSTRIAL MANAGEMENT—CONGRESSES

The economic reform enters our everyday life; at the conference in the State Planning Commission of the U. S. S. R. Fin. SSSR 40 no. 6:34-38 Je '66.

Introduce the new system, and improve the indices of planning. Plan. khoz. 43 no. 7:31-41 Ji '66.

INDUSTRIAL MANAGEMENT—ECONOMIC ASPECTS see subdivision under White Russia

INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

We should teach the theory of industrial management. G. I. Tarkach. Vest. vuz. shkoly 24 no. 6:20-21 Je '66.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

Improve the planning and estimate work. F. Nazarov. Plan. khoz. 43 no. 7:69-76 Ji '66.

INDUSTRIAL PROCUREMENT

Determining demands for materials in small lot production. A. Gou. Plan. khoz. 43 no. 7:82-84 Ji '66.

INDUSTRIAL RADIOLOGY see Radiology, Industrial

INDUSTRIAL RELATIONS see subdivision under Norway

INDUSTRIAL SAFETY

(see also subdivision under Karaganda Province)

Public control of industrial safety. A. Novokhodov. Zhil. i kom. khoz. 16 no. 7:16 Ji '65.

INDUSTRIAL STATISTICS

Branch structure of the consumption of metal in the U. S. S. R. and capitalist countries. A. P. Plankov. Plan. khoz. 43 no. 6:80-90 Je '66.

Industrial production of capitalist and developing countries. N. Rydmanov. Mir. ekon. i mezhdunar. eta. no. 4:153-156 '66.

INDUSTRIAL TRUSTS see Trusts, Industrial

INDUSTRIAL WASTES

Results of studying and using industrial waste products. B. P. Danilov, R. M. Boroditskaya, V. V. Popov. Stroi. mat. 12 no. 2:16-17 F '66.

INDUSTRIAL WASTES—ANALYSIS

Determination of microgram amounts of tantalum in natural and industrial waste waters. L. I. Pits, V. B. Alekseyevskii, A. D. Miller. Zhur. prikl. khim. 39 no. 6:1190-1192 My '66.

INDUSTRIAL WASTES—PURIFICATION

Electrolytic ionite purification of waste waters by removing chromium and fluorine compounds. A. S. Shubin and others. Zhur. prikl. khim. 39 no. 5:1028-1037 My '66.

Vesoluznyi nauchno-issledovatel'skii institut neftekhimicheskikh protsessov. [Purification of waste waters from fuel manufacturing and petrochemical synthesis] Ochlaka stochnykh vod toplivnoi promyshlennosti i neftekhimicheskogo sinteza. Moskva, Khimika, 1965, 121 p.

INDUSTRIES, LOCATION OF

Determining the efficiency of the distribution of industry. N. Shokin. Vop. ekon. no. 6:28-36 Je '66.

Great life for little city. I. A. Karpov. Sov. profsoyuzy 22 no. 11:11-13 Je '66.

Kislanov, V. V., and V. M. Kostomnikov. [Territorial organization of production under the new conditions] Territorial'naya organizatsiya proizvodstva v novykh usloviyakh. [Moskva, Ekonomika, 1966] 18 p. (Ekonomisty o novoi khoz. i tsennostnoi reforme v SSSR, no. 6)

Valuable study on the distribution of industry. F. D. Zastavnyi. Ekon. geog. no. 2:155-159 '64.

INDUSTRY—ABSTRACTS

[Economics of industry] Ref. sbor.: Ekon. prom., no. 6
Ja '66.

INFANTS—CARE AND HYGIENE

Development of the fetus, the newborn, and the infant
under the effect of harmful factors. B.N. Kiosovskii.
Vest. AMN SSSR 21 no. 6:43-53 '66.

INFANTS—DISEASES

Characteristics of surgery on infants. G.A. Bairov.
Vest. AMN SSSR 21 no. 6:68-72 '66.

Diagnostic and prognostic significance of the test for
C-reactive protein in streptococcal sepsis in infants.
A.D. Ostrovskii, Zhur. mikrobiol., epid. i immun., 43
no. 5:103-107 My '66.

Spontaneous regression of hemangioma in children.
A.I.U. Solovko. Vop. onk. 12 no. 6:17-20 '66.

INFANTS (NEWBORN)—DISEASES

Gul'kevich, I.U.V. [Perinatal infections] Perinatal'nye in-
fektsii. Minsk, Belarus', 1966. 108 p.
(DNLM)

Incompatibility factors of the blood of the mother and
fetus. V.A. Tsholin. Vest. AMN SSSR 21 no. 6:84-91
'66.

Recent developments in the physiology and pathological
states, adjacent to normal conditions, in newborn
infants. A.F. Tur. Vest. AMN SSSR 21 no. 6:58-64
'66.

INFANTS (PREMATURE)

Basic characteristics of the physiology of premature
infants. E.Ch. Novikova. Vest. AMN SSSR 21 no. 6:
61-68 '66.

INFECTION

Gul'kevich, I.U.V. [Perinatal infections] Perinatal'nye in-
fektsii. Minsk, Belarus', 1966. 108 p.
(DNLM)

INFECTIONS ATROPHIC RHINITIS OF SWINE see
Rhinitis in swine

INFECTIOUS HEPATITIS see Hepatitis, Infectious

INFLUENZA

(see also subdivision under Siberia, Western;
Tashkent)

Effect of aseltamin on experimental infection.
A.M. Chernukha, I.S. Rudnikova, N.S. Tolmacheva.
Biol. eksp. biol. i med. 61 no. 6:65-69 Je '66.

INFLUENZA—COMPLICATIONS AND SEQUELAE

Clinical aspects of lesions of the central nervous system
in influenza and adenoviral infections in children.
V.M. Sepinashvili. Zhur. nevroi. psikh. 66 no. 7:995-
999 '66.

INFLUENZA VIRUSES

Comparative study of the morphology of the animal
influenza viruses. G.A. Smirnova, I.A. Grad. Vop.
vet. virus. 2:211-216 '66.

Study of the lipid component of the animal influenza
viruses. G.A. Smirnova, V.M. Zhdanov. Vop. vet.
virus. 2:202-210 '66.

INFLUENZA VIRUSES—CULTURES AND CULTURE MEDIA

Effect of deoxyribonucleic acid from a calf kidney on
some indices of L cells and their sensitivity to the
swine influenza virus. F.V. Sushkov and others.
Vop. vet. virus. 2:200-22 '66.

INFORMATION SERVICES

(see also subdivision under Germany, East;
Kuybyshev)

For an active research in the field of progressive
production practices. M.L. Gendin. Met. i gornorud.
prom. no. 3:92-93 My-Je '66.

Legal forms of public participation in scientific and
technical information services in industrial enterprises.
M. Andrianov. Rad. pravo 20 no. 5:62-67 My '66.

More about the system of bibliographical information
on technology. N.A. Vichur. Sov. bibl. no. 2:70-
81 '66.

INFORMATION SERVICES—ABSTRACTS

[Scientific and technical information] Ref. zhur.: Nauch.
i tekhn. inform. no. 3 My '66.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Akademiya nauk SSSR. Nauchnyi govor po kompleksnoi
probleme "Kibernetika." [Cybernetics and documenta-
tion; mechanization of the accumulation, storage, and
location of scientific information] Kibernetika i dokum-
mentatsiya; mekhanizatsiya professa na kopolenila,
khraneniya i polska nauclmol informatsii. Moskva,
Nauka, 1966. 176 p. (Seriya "Organizatsiya i uprav-
lenie")

Plutskovskii, I.A. [Information systems in technology
and economics] Informatsionnye sistemy v tekhnike i
ekonomike. [Moskva] Mosk. rabochi, 1966. 173 p.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS— PERIODICALS

Information retrieval system for periodical publications.
received by the All-Union Institute of Scientific and Tech-
nological Information. V.N. Gor'kova, N.M. Matsak.
NTI no. 5:30-34 '66.

INFORMATION THEORY

Decyclic codes. V.I. Andrianov, V.N. Siskovets.
Kibernetika no. 3:11-16 Ja-F '66.

Distribution of the envelope of a signal and noise sum
with random angle modulation. V.V. Rykov, A.N.
Fedoseev. Radiotekh. i elektron. 11 no. 6:1121-1122
Je '66.

Effect of the duration of the realization on the shift of the
evaluation of the correlation function of a stationary
random process. N.M. Malharvskii. Radiotekhnika
21 no. 5:70-71 My '66.

Information systems reliability. S.M. Mandel'shtam.
Avtom. i telem. no. 5:167-171 '66.

Kiluev, N.I. [Informational principles of data transmis-
sion] Informatsionnye osnovy peredachi soobshchenii.
Moskva, Sovetskoe radio, 1966. 359 p.

Mortynov, V.V. [Cybernetics, semiotics, linguistics]
Kibernetika, semiotika, lingvistika. Minsk, Nauka i
tekhnika, 1966. 145 p.

Mathematical methods and computing equipment in the
studies of the history of scientific-technological prog-
ress. D.I. Gordeev. Vest. Mosku. un. Ser. 4: Geol.
21 no. 3:117-118 My-Je '66.

Power of a carrier frequency with a random phase and
different density of the probability of the phase dis-
tribution. B.D. Sergiyevskii, L.G. Oganevskaya. Ra-
diotekh. i elektron. 11 no. 6:1123-1125 Je '66.

Sequential detection with many independent reception
channels with noise. G.S. Tyshlatskii. Radiotekh. i
elektron. 11 no. 6:971-982 Je '66.

Some errors originating in discrete representation of
continuous functions. M.S. Nemirovskii. Radiotekh. i
elektron. 11 no. 6:983-995 Je '66.

Study of the error of multiple delta modulation. G.G.
Men'shikov. Kibernetika no. 2:18-25 My-Ap '66.

Two-step detection procedure without level quantization
of the signals. I.U. B. Sinder. Radiotekh. i elektron.
11 no. 6:998-1004 Je '66.

INFRARED HEATING

Economic effectiveness of using infrared gas burners.
V. Golik, A. Rodin, P. Gakimullin. Gaz. delo no. 6:
34-36 '66.

INFRARED RAYS

Effect of atmospheric stratification on the influx of ra-
diation heat. E.D. Kovaleva, F.N. Shokhta. Trudy
GGO no. 187:104-114 '66.

INFRARED RAYS—THERAPEUTIC USE

Effect of infrared and ultraviolet rays on the healing
process of skin wounds caused by X-ray irradiation.
V.D. Abdullayev. Azerb. med. zhur. 43 no. 4:23-27
Ap '66.

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA

(see also subdivision under Rybinsk Reservoir)

Effect of microwaves on *Opalina ranarum*. E. Sh.
Ismailov. Vest. LGU no. 9:147-149 '66.

INHERITANCE AND SUCCESSION

Acceptance and renunciation of succession. V. Tolstol.
Sov. iust. 30 no. 13:20-22 Ji '66.

The conveyance of inheritance rights (the right of trans-
mission). V. Dronkov. Rad. pravo 20 no. 5:48-50
My '66.

Protecting the property of a deceased person. P. Sav-
chenko. Rad. pravo 20 no. 5:50-51 My '66.

INHIBITION (CHEMISTRY)

Mechanism of liquid-phase cumene oxidation studied by
the inhibition method. Part 3: Formation of reaction
products and their effect on the radical decomposition
of hydroperoxide. V.L. Antonovskii, E.T. Denisov,
L.V. Solntseva. Kina. i kat. 7 no. 3:409-413 My-Je
'66.

INJURIES FROM ELECTRICITY see Electricity, Injuries
from

INJURIOUS AND BENEFICIAL BIRDS see Birds,
Injurious and beneficial

INJURIOUS AND BENEFICIAL INSECTS see Insects,
Injurious and beneficial

INLAND NAVIGATION

Consolidated deep-channel system of inland waterways in
the European part of the U.S.S.R. P. Cherevko. Rech.
transp. 23 no. 4:28-30 Ap '64.

Determining the time and distances covered by ships
when passing vessels moving in the same or opposite
directions. V. Salenok. Rech. transp. 22 no. 8:47-48
Ag '64.

Handling ships in canals and contracted sections of a
natural river. S. Moskvyn. Rech. transp. 22 no. 8:
40-47 Ag '64.

Sedimentation of dredged navigation channels. B. Sni-
shchenko. Rech. transp. 23 no. 4:34-38 Ap '64.

INLAND NAVIGATION—SAFETY MEASURES

Good navigation conditions on waterways during the fall
low-water period. M. Golovushkin. Rech. transp. 22
no. 8:33-35 Ag '64.

INLAND WATER TRANSPORTATION

Building of ports and wharves for industrial enterprises.
I. Kraev. Rech. transp. 22 no. 8:11-12 Ag '64.

Green lights to the new crop! Rech. transp. 22 no. 8:
1-2 Ag '64.

Improve the reliability of work in river transportation.
D. Shastrov. Rech. transp. 22 no. 8:9-10 Ag '64.

In the Board of the Ministry of the River Fleet and the
Presidium of the Central Committee of the Trade Union.
Rech. transp. 22 no. 8:55-56 Ag '64.

Make wider use of all production capacities. S. Kuchkin.
Rech. transp. 23 no. 4:1-4 Ap '64.

Science in the service of transportation. S. Kamenskii.
Rech. transp. 23 no. 4:45 Ap '64.

Valuable book on problems in the development of river
transportation. M. Chernov. Rech. transp. 22 no. 8:
60-62 Ag '64.

INLAND WATER TRANSPORTATION—FINANCE see
subdivision under Moldavia

INLAND WATER TRANSPORTATION—LABOR PRODUCTIVITY

Labor productivity in shipping. S. Slutskii. Rech. transp.
22 no. 8:6-8 Ag '64.

INLAND WATER TRANSPORTATION—MANAGEMENT

Assign ships to established lines of the movement of
goods. V. Mosshkin. Rech. transp. 22 no. 8:14-15
Ag '64.

Selecting optimal shipping variants. A. Fetisov. Rech.
transp. 22 no. 8:19-20 Ag '64.

INLAND WATER TRANSPORTATION—PASSENGER
TRAFFIC see subdivision under Kuybyshev region

INORGANIC CHEMISTRY see Chemistry, Inorganic

INSCRIPTIONS see subdivision under Kiev

INSCRIPTIONS, TURKISH (OLD) see subdivision under
Syr Darya Valley

INSECT BAITS AND REPELLENTS see subdivision
under Karelia

INSECT POPULATIONS

Mathematical interpretation of population dynamics.
F.N. Semevskii. Sbor. rab. MLTI no. 11:10-22 '64.

INSECTICIDES

New insecticides and their use. K.A. Gar. Khim. v
sel. khoz. 4 no. 2:44-49 F '66.

Practices in the chemical control of poplar pests in
Mytishchi District. I.U. Kuznetsova. Sbor. rab. MLTI
no. 11:147-152 '64.

INSECTS see subdivision under Carpathian Mountain
region

INSECTS—BEHAVIOR

Seasonal and diurnal activity of bloodsucking mosquitoes
in the Syr Darya basin. A.M. Dubitskii, N.D. Deshe-
vykh. Trudy Inst. zool. AN Kazakh. SSR 25:37-44 '66.

INSECTS—BIOLOGY

Biology of *Alysiotus korymbosus* Szil. (Diptera, Tabani-
dae). A.S. Latta. Trudy Inst. zool. AN Kazakh. SSR
25:102-115 '66.

INSECTS—DEVELOPMENT

Development of bloodsucking flies (Diptera, Muscidae)
as related to habitat conditions. B.M. Akumia. Trudy
Inst. zool. AN Kazakh. SSR 25:126-130 '66.

Effect of temperature and light on the development of
Chinese tussah moth pupae. I.M. Zolotarevskia. Dop.
AN URSS no. 5:673-676 '66.

Metamorphosis and biology of *Silicochironomus*
crassiforceps Kieff. (Diptera, Tephritidae). A.I.
Shikova. Trudy Inst. biol. vnutr. vod. no. 8:91-101 '65.

INSECTS—PHYSIOLOGY

Free nucleotides and their derivatives in the organism
of insects. G.A. Sevast'yanova. Usp. sov. biol. 61
no. 3:321-337 My-Je '66.

INSECTS, INJURIOUS AND BENEFICIAL

(see also subdivision under Ukraine)

Rate of birds in the outbreak of the mass multiplication
of insects. F.N. Semevskii. Sbor. rab. MLTI no. 11:
49-56 '64.

INSECTS AS CARRIERS OF PLANT DISEASES

Insects, carriers of the virus diseases of potatoes, in
Kuybyshev Province. B.S. Gerashinov. Izv. Kuib.
SKII 17:158-162 '65.

INSTRUMENT MANUFACTURE

Frolov, G.N. [Precision in manufacturing the flexible
elements of instruments] Tochnost' izgotovleniya upru-
gikh elementov priborov. Moskva, Mashinostroyeniye,
1966. 176 p.

INSTRUMENT MANUFACTURE—PRODUCTION STANDARDS

Mashinskiy, I. A. [Establishing work norms in apparatus production] Normirovaniye truda v apparaturnykh proizvodstvak, Moskva, Ekonomika, 1966, 102 p.

INSULATING MATERIALS

High-temperature insulating materials. Stroi. mat. 12 no. 2:34-35 F '66.

Nagibin, G. V., V. F. Pavlov, and M. A. Ellern. [Technology of heat insulating and gypsum materials] Tekhnologiya teploizolyatsionnykh i gipsovykh materialov. Pod red. M. A. Matveeva. Moskva, Vysshaya shkola, 1966, 466 p.

INSULATING OILS

Experience in the use of pyramidin (aminopyrine) in the stabilization of oil in 110 kv. entrances. M. I. Balashova. Energetik 14 no. 5:18-19 Je '66.

Puncture and ionization of oil-type and composite insulation during the vibration of electrodes. K. F. Stepanchuk. Izv. vys. ucheb. zav.; energ. 9 no. 6:27-32 Je '66.

Results of the tests of the stabilization of power engineering oils. V. M. Vasil'eva. Energetik 14 no. 6:22-24 Je '66.

Study of the impulse strength of transformer oil in an area near the switching surges. I. I. Kalitskiy, V. F. Panin. Izv. vys. ucheb. zav.; energ. 9 no. 6:22-26 Je '66.

Synthesis of naphthenic acids by the direct oxidation of naphthenic hydrocarbons. B. K. Zeinalov, A. A. Akhundov. Azerb. khim. zhur. no. 2:33-40 '64.

INSULATION (HEAT)

Kaganer, M. G. [Heat insulation in low temperature equipment] Teplovaia izolyatsiya v tekhnike nizkikh temperatur. Moskva, Mashinostroenie, 1966, 274 p.

Pirog, P. I. [Heat insulation of refrigerators] Teploizolyatsiya kholodil'nikov, 2., perer. 1 dop. izd. Moskva, Pishchevaia promyshlennost', 1966, 271 p.

Sokolovskiy, V. T. [Insulating operations] Izolyatsionnye raboty, 2. izd., perer. 1 dop. Leningrad, Stroizdat, 1966, 268 p. (Seriya posobiya dlya nachalnashchikh rabochikh)

INSULIN SHOCK

Psychic disorders following prolonged insulin coma. L. B. Braverman. Zhur. nevro. i psikh. 66 no. 5:726-731 '66.

INSURANCE see subdivision under Moscow

INSURANCE, AGRICULTURAL

Accounting for collective farm property subject to compulsory insurance. V. Somin. Fin. SSSR 40 no. 5:74-75 My '66.

INSURANCE, AGRICULTURAL—CROPS

Vital problems in the state insurance of farm crops. L. Motylev. Fin. SSSR 40 no. 5:36-44 My '66.

INSURANCE, SOCIAL

Be needed and close to the people. P. Nikitin. Sov. profsoyuz 22 no. 10:29-31 My '66.

INTEGRAL EQUATIONS

Convolution-type integral equations in a class of generalized functions. V. B. Dybin, N. K. Karapetiants, Sib. mat. zhur. 7 no. 3:531-545 My-Je '66.

Method of moments for nonlinear integral equations. E. A. Troitskaya, Sib. mat. zhur. 7 no. 3:638-649 My-Je '66.

Uniform regularization of unstable problems. V. K. Ivanov. Sib. mat. zhur. 7 no. 3:546-550 My-Je '66.

INTEGRALS

Asymptotic decomposition of certain integrals with sinusoidal kernels. A. N. Luzin. Zhur. vych. mat. i mat. fiz. 6 no. 3:576-578 My-Je '66.

First transcendental integrals of the equations of motion of a heavy solid around a fixed point. R. A. Arkhangelskiy. Dokl. AN SSSR 168 no. 4:763-765 Je '66.

INTEGRALS, GENERALIZED

The Schwarz-Christoffel integral and the plastic flow in polygonal regions. G. I. A. Gun, P. I. Polukhin. Trudy MEI no. 81 pt. 1:293-299 '65.

INTEGRAL DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

An integrodifferential equation in a composite region. Z. O. Mel'nik. Sib. mat. zhur. 7 no. 3:577-580 My-Je '66.

INTELLIGIBILITY OF SPEECH see Speech, Intelligibility of

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Experimental study of an aim function in the optimization of the seasonal operation of a cascade of hydroelectric power stations in a power system. V. I. Obrezkov, N. K. Malinin. Izv. vys. ucheb. zav.; energ. 9 no. 6:89-95 Je '66.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS—MODELS

Shekhtin, N. N. [Simplification in the modeling of electrical systems] Uprashchenie elektricheskikh sistem pri modelirovani, Moskva, Energiya, 1966, 156 p.

INTERFERENCE (LIGHT)

Effect of asymmetry of an interference layer on the degree of contrast of Fizeau bands in multiple-wave interference in reflected light. K. F. Fulinetskiy. Opt. i spekt. 20 no. 5:888-901 My '66.

INTERFERON

Obtaining and purifying interferon. G. A. Smirnova, T. I. Bilezhina, N. I. Korabel'nikova. Vop. vet. virus. 2:42-49 '66.

Study of interferon obtained in different tissue systems infected with the Newcastle disease virus. N. I. Korabel'nikova and others. Vop. vet. virus. 2:50-57 '66.

INTERMETALLIC COMPOUNDS

Certain intermetallic compounds in the carbothermic production of silicon-aluminum alloys. E. G. Safonova. Syr. res. leg. met. Vost. Sib. 5:112-116 '65.

Crystal structure of the compounds $Zr_2Ni_3B_6$ and $Zr_2Co_3B_6$. I. U. B. Kuz'ma and others. Dop. AN DSSR no. 6:772-774 '66.

Interaction between magnesium oxide and $FeAl_3$, $FeSiAl_3$ and the Al-Si eutectic. E. G. Safonova, L. A. Anflogova, S. A. Stakheeva. Syr. res. leg. met. Vost. Sib. 5:123-126 '65.

Interaction between magnesium oxide and manganese-containing intermetallic compounds. E. G. Safonova, E. I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:117-122 '65.

Mössbauer effect in the intermetallic compounds $Co_{1-x}Sn_x$ and $Ni_{1-x}Sn_x$. G. S. Zhelezov and others. Izv. AN SSSR. Ser. fiz. 30 no. 6:957-961 Je '66.

INTERNAL COMBUSTION ENGINES

Longitudinal oscillations of the crankshafts of high-speed engines. P. A. Lisogurskiy. Energomashinostroenie 11 no. 12:24-26 D '65.

Stand for studying stresses in the crankshaft of a two-cylinder piston-type engine. N. L. Klinchkin, K. V. Kalashnikov, L. N. Proshchanov. Energomashinostroenie 11 no. 12:42-43 D '65.

INTERNAL COMBUSTION ENGINES—ABSTRACTS

[Internal combustion engines] Ref. zhur.: Dvig. vnutr. sgor. no. 5 My '66.

INTERNAL COMBUSTION ENGINES—COMBUSTION

Some disturbances in the combustion process in gasoline engines. A. N. Volnov and others. Vest. mashinostr. 46 no. 6:38-40 Je '66.

INTERNAL COMBUSTION ENGINES—CONGRESSES

Seventh International Congress on Internal Combustion Engines. L. V. Vasin. Energomashinostroenie 11 no. 12:47-48 D '65.

INTERNAL COMBUSTION ENGINES—CYLINDERS

Decreasing the cylinder wear of internal combustion engines by increasing the temperature of the cooling water. S. P. Baranov, V. N. Nechirdov. Energomashinostroenie 11 no. 12:20-22 D '65.

INTERNAL COMBUSTION ENGINES—FUEL SYSTEMS

Effect of a lateral air flow on the splitting of the fuel jet. A. S. Lyshchinskii. Izv. vys. ucheb. zav.; mashinostr. no. 4:101-105 '66.

INTERNAL FRICTION

Studying the effect of zinc concentration on the internal friction in brass. N. B. Balmotov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:79-84 '66.

INTERNAL MEDICINE see Medicine, Internal

INTERNATIONAL AGENCIES

Concept and classification of international organizations. G. I. Morozov. Sov. gos. i pravo 36 no. 5:57-76 Je '66.

INTERNATIONAL BANK OF ECONOMIC COOPERATION

The third year of successful work. K. Nazarkin. Mezhdunar. zhizn' 13 no. 6:101-104 '66.

INTERNATIONAL BANK FOR ECONOMIC COOPERATION—CONGRESSES

Conference of the Council of the International Bank for Economic Cooperation. Den. i kred. 24 no. 6:94 Je '66.

INTERNATIONAL COOPERATION

Concept and classification of international organizations. G. I. Morozov. Sov. gos. i pravo 36 no. 6:87-96 Je '66.

INTERNATIONAL LAW

The effectiveness of present-day international law. I. Lukashuk. Rad. pravo 29 no. 5:83-85 My '66.

Ninth annual meeting of the Soviet Association of International Law. G. A. Nekrasova. Sov. gos. i pravo 36 no. 6:133-134 Je '66.

Regulation of ocean fisheries in international law. A. A. Volkov. Sov. gos. i pravo 36 no. 6:120-124 Je '66.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONAL RELATIONS—STUDY AND TEACHING

Experience in training lecturers in the Moscow State Institute of International Relations. V. Antukhina-Moskovchenko. Mezhdunar. zhizn' 13 no. 6:154 '66.

A new textbook for lecturers of international relations. E. Vasil'ev. Mezhdunar. zhizn' 13 no. 6:152-153 '66.

Toward the new academic year. Mezhdunar. zhizn' 13 no. 6:129-131 '66.

INTERNATIONAL YEARS OF THE QUIET SUN (1964-1965)

Telescopical observations of meteors as a method for studying upper atmospheric processes and the tasks set for these observations during the IQSY. A. M. Bakhtarev. Izv. meteor. no. 1:147-151 '66.

INTERNATIONALISM

The patriotism and internationalism of the Soviet people. Kommunist 43 no. 9:13-11 Je '66.

Proletarian internationalism and peaceful coexistence. V. Trukhanovskiy. Mezhdunar. zhizn' 13 no. 6:75-82 '66.

Socialist internationalism and the policy of militant imperialism. M. Marinin. Mir. ekon. i mezhdunar. otn. no. 6:3-18 '66.

INTERPLANETARY MATTER

Interplanetary dust matter and methods for its investigation. V. G. Pesenko. Astron. zhur. 43 no. 3:599-605 My-Je '66.

INTERPOLATION

Fine and rough convergence of interpolation and quadrature processes. V. F. Vlasov. Dokl. AN SSSR 168 no. 4:735-736 Je '66.

INTERSTELLAR CASES see Gases, Interstellar

INTERVERTEBRAL DISK—HERNIA

Radiography in the diagnosis of pathology of intervertebral lumbar disks. V. Leo, E. Saper. Zhur. nevro. i psikh. 66 no. 5:706-708 '66.

INTESTINAL FISTULA see Fistula, Intestinal

INTESTINES—DISEASES

Characteristics of the clinical course of some gastrointestinal diseases caused by lamblia. V. K. Il'ich Voen. med. zhur. no. 12:39-42 D '65.

Colenteritis in adults. E. A. Muntafin, N. V. Pankov. Voen. med. zhur. no. 12:63-64 D '65.

Etiological structure of intestinal infections in adults. A. P. Afanas'eva, L. G. Breueva, A. V. Baranova. Zhur. mikrobiol., epid. i immun. 43 no. 5:107-110 My '66.

Study of urinary electrolytes as indices of the functional state of the adrenal cortex in young children with various forms of intestinal infection. M. M. Agazade. Azerb. med. zhur. 43 no. 4:40-46 Ap '66.

Therapeutic and prophylactic effectiveness of furazolidone against enteritis in suckling pigs. P. N. Anan'ev, L. A. Tsurina, N. V. Poluev. Vest. sel'skok. nauk (Kazakh.) 9 no. 6:58-62 Je '66.

INTESTINES—INFLAMMATION

Electrophysiological study of afferent impulses in an acute inflammation of the mucous membrane of the intestines. V. I. Ermolaeva, V. B. Zakhar'chevskiy. Trudy Inst. fiziol. 11:87-90 '65.

Some clinical and epidemiological characteristics of acute enterocolitis caused by the enterogenic Escherichia coli. E. E. Verkhilomov, A. A. Borovaya. Voen. med. zhur. no. 6:50-60 Je '66.

INTESTINES—INNERVATION

Effect of stimulation of the mechanoreceptors of the small intestine on hemopoiesis. E. Sh. Kipradze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 9:215-216 '66.

Interceptive effects from the small intestine on its vascular and motor-secretory reactions under normal conditions and in experimental neurosis. V. A. Pastukhov. Trudy Inst. fiziol. 11:258-264 '65.

Mechanisms of the development of intestinal dynamic impassability following stimulation of mechanoreceptors of the intestinal wall. I. U. M. Gulperin, N. M. Budykova. Trudy Inst. fiziol. 11:44-57 '65.

Peripheral reflexes following stimulation of chemoreceptors of the intestines. S. S. Musinashchikova. Trudy Inst. fiziol. 11:63-72 '65.

Presence of various reactive systems in receptors of the small intestine. N. A. Anikina. Trudy Inst. fiziol. 11:3-13 '65.

Trigger mechanisms of intestinal secretion. A. N. Tambayev. Blud. eksp. i klin. i med. 61 no. 6:19-22 Je '66.

INTESTINES—MICROBIOLOGY

Etiological structure of intestinal infections in adults. A. P. Afanas'eva, L. G. Breueva, A. V. Baranova. Zhur. mikrobiol., epid. i immun. 43 no. 5:107-110 My '66.

Isolation of cytopathogenic agents from the intestinal contents of swine. L. M. Lishina. Vop. vet. virus. 2:124-126 '66.

INTESTINES—OBSTRUCTIONS

Therapogenosis in acute intestinal obstruction. G. P. Buachidze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 9:221-230 '66.

INTESTINES—SECRETIONS

Effect of different states of the cerebral cortex on the secretion of intestinal juice in swine. A.I. Korshun, Trudy TVI 9:88-92 '65.

Excretory function of the intestinal glands in swine. A.I. Korshun, E.I. Surikova, Trudy TVI 9:84-87 '65.

Trigger mechanisms of intestinal secretion. A.N. Tamburisev, Biol. eksp. i med. 61 no. 6:19-22 Je '66.

INTESTINES—SURGERY

Effect of an extensive resection of the small intestine on the secretory function of the stomach. G.I.A. Odishvili, Trudy Inst. eksp. i klin. khim. 8:207-214 '59.

Permissible limits in resection of the small intestine. G.I.A. Odishvili, T.V. Tkeshelashvili, Trudy Inst. eksp. i klin. khim. 8:201-206 '59.

INTOLERANCE see Liberty of conscience

INTRACRANIAL TUMORS

Diagnosis of craniopharyngioma in children. M.A. Lebedeva, Zhur. nevro. i pskh. 66 no. 7:1019-1021 '66.

INTRATRACHEAL ANESTHESIA

Effect of combined intratracheal ether and oxygen anesthesia on the activity of some oxidation-reduction enzymes of the blood: an experimental study. A. Sh. Ibrahimov, Azerb. med. zhur. 43 no. 4:27-32 Ap '66.

INVARIANTS

Invariants of linear representations of a group of revolutions of a plane and their application in the qualitative theory of differential equations. K.S. Shifirskii, DIF. urav. 2 no. 6:736-751 Je '66.

INVENTIONS

Tasks of the Committee and patent and invention services in the light of the decisions of the September Plenum of the Central Committee of the CPSU. I.U. E. Makarev, Vop. izobr. no. 1:3-7 Ja '66.

INVERTEBRATES

Substances of the type of normal precipitins to the antigens of the sponge *Haliclona panicea* (P) in *Actinia equina* (L), *Arenicola marina* (L), *Mytilus edulis*, and *Styela rustica* (L). A.A. Izzykov, Titul. eksp. i med. 61 no. 6:75-77 Je '66.

INVESTMENTS, AMERICAN see subdivision under Africa; Underdeveloped Areas

INVESTMENTS, FOREIGN see subdivision under Algeria; Iran; Iraq; Italy; Kuwait; Malagasy; Tunisia; Turkey

IOASAF, Metropolitan of Kiev and Galich, 1903-1966

Death of Ioasaf, Metropolitan of Kiev and Galich. Zhur. Mosk. Patr. no. 5:5 '66.

IODIDES

Calculation of equilibria occurring in the interaction between oxygen-containing oxidizers and iodide. V.P. Tolstikov, Zhur. ob. khim. 36 no. 6:897-904 Je '66.

IODINE

Characteristics of the effect of iodine ions on the kinetics of electrode processes on bismuth amalgam. V.V. Gorodetskii, V.V. Losev, Elektrokhemia 2 no. 6:664-671 Je '66.

Comparative evaluation of the methods for determining small quantities of iodine in objects of external environment. M.M. Dmitriyenko, Lek. i syr. res. Irk. obl. no. 4:212-217 '65.

Electrophilic substitution at the olefin atom of carbon. Report No. 4; Kinetic and stereochemistry of the reaction of trans- and cis- β -chlorovinylmercury chloride with iodine in carbon tetrachloride and benzene. I.P. Beletskaya, V.I. Karpov, O.A. Reutov, Izv. AN SSSR. Ser. khim. no. 6:963-966 '66.

Reaction equilibrium of n-butane and isopentane dehydrogenation in the presence of iodine. I.U. I. Kozorev, Neftekhimika 6 no. 2:193-198 Mr-Apr '66.

IODINE ISOTOPES

Changes in 131 I resorption time from an intradermal repository under the effect of some physical and pharmacological factors. K.M. Proslavskiy, A.P. Kondratyeva, Med. rad. 11 no. 6:29-32 Je '66.

IODINE ISOTOPES—THERAPEUTIC USE

Functional state of the liver in patients with diffuse toxic goiter before and following treatment with 131 I. V.G. Spesivtseva, B.A. Shilevskiy, N.D. Belousova, Med. rad. 11 no. 5:21-27 My '66.

IODOMETRY

Shakhtakhtinskii, G.B., and G.A. Aslanov. [Arsenate method for the iodometric determination of magnesium and calcium] Arsenatnyi metod iodometricheskogo opredeleniya magniya i kal'tsija. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 123 p.

ION EXCHANGE

Analysis of sulfosuccinic acid esters by the ion exchange method. V.K. Akinov, O.K. Smirnov, I.A. Emel'yanova, Zhur. anal. khim. 21 no. 5:610-613 '66.

Anion-exchange sorption of platinum and palladium. A.N. Popov, I.U. S. Kononov, V.M. Gorbachev, Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:75-82 '66.

Effective charges of atoms in a molecule and the direction of exchange reactions. V.S. Urusov, Zhur. struk. khim. 7 no. 2:267-268 Mr-Apr '66.

Electrolytic ionite purification of waste waters by removing chromium and fluorine compounds. A.S. Shubin and others, Zhur. prikl. khim. 39 no. 5:1028-1037 My '66.

Electro-transfer of Ca^{2+} and Mg^{2+} ions in sulfonated cationite and their equilibrium distribution in the system sulfonated cationite - solution. Z.S. Agagova, E.A. Materova, T.V. Dobroedskaya, Elektrokhemia 2 no. 6:688-692 Je '66.

Ion-exchange extraction of rhodium from highly diluted solutions. A.N. Zelikman, G. Meisner, Zhur. prikl. khim. 39 no. 5:992-1000 My '66.

Ion exchange of alkaline and alkaline-earth metals on copper ferrocyanide. E.V. Kazakov, I.F. Karpova, Vest. LGU 21 no. 10:139-143 '66.

ION-EXCHANGE RESINS

Interaction of some arylolofins with formaldehyde in the presence of KU-2. V.I. Isagullants, M.G. Safarov, Zhur. prikl. khim. 39 no. 5:1148-1154 My '66.

Purification of hydrochloric acid solutions of aluminum from iron by ion-exchange resins. E.I. Khazanov, A.I. Kapustina, Syr. res. leg. met. Vest. Sib. 5:82-83 '65.

Sticking of hydrolyzed aluminum ions in KU-1 resin micropores when washed by salt solutions. A.I. Zhukov, V.N. Onosov, L.M. Shostakova, Zhur. prikl. khim. 39 no. 5:1006-1012 My '66.

ION-EXCHANGE RESINS—ELECTRIC PROPERTIES

Electric conductivity of ion exchangers as related to current frequency. V.D. Grebeniuk, N.P. Gnusta, Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:37-41 '66.

ION EXCHANGERS

Displacement of ionogenic groups of ion exchangers. O.K. Stefanova, M.M. Shults, Vest. LGU 21 no. 10:106-110 '66.

External shape of SG-1 cation exchanger granules. B.N. Laskorin and others, Zhur. prikl. khim. 39 no. 5:1206-1210 My '66.

Formation by copper (II) ions of complex compounds with sulfonic cation exchangers. A.I. Zhukov, V.I. Vorob'ev, I.U. I. Burlakov, Zhur. prikl. khim. 39 no. 5:1000-1006 My '66.

Oxidation of strongly basic anion exchangers by hypochlorite. B.N. Laskorin and others, Zhur. prikl. khim. 39 no. 5:1203-1208 My '66.

Separation of cation and anion exchangers. Hydraulic method. V.L. Bogatyrev, Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:112-116 '66.

Separation of niobium and tantalum in HCl-HF and H_2SO_4 - HF solutions by means of strongly basic AV-17 anion exchanger. V.S. Pakholkov, I.E. Maksimov, Zhur. prikl. khim. 39 no. 5:1179-1182 My '66.

Synthesis of sorbic acid esters and lower aliphatic alcohols using cation exchanger KU-2 as a catalyst. N.G. Pollanskii, D.A. Chernysheva, N.D. Rubtsova, Zhur. prikl. khim. 39 no. 5:1211-1213 My '66.

ION SOURCES

Distribution of the relative atom and ion concentrations alongside and across a gas discharge in a source of multiply charged ions. L.P. Kul'kina, A.S. Pasiuk, Zhur. tekhn. fiz. 36 no. 4:726-734 Ap '66.

IONIC CRYSTALS—SPECTRA

Comparative intensity of spectral lines in the rare-earth series. M.S. Iur'ev, Vest. LGU 21 no. 10:71-75 '66.

IONIC SOLUTIONS

Coulometric determination of permanganate, dichromate, and ferric ions. P.S. Tulundzic, S.N. Mladenovic, Zhur. anal. khim. 21 no. 5:590-592 '66.

Effect of diamagnetic ions on quadrupole relaxation times of deuterons in water. V.I. Ionov, R.K. Mazitov, Zhur. struk. khim. 7 no. 2:184-186 Mr-Apr '66.

IONIZATION

Chemical equilibrium of multitemperature systems. A.V. Potapov, Teplofiz. vys. temp. 4 no. 1:55-58 Ja-F '66.

Constants of the instability of complex compounds of heavy metals with fulvic acids. Constants of the ionization of fulvic acids at 25°C. V.I.A. Ereminenko, N.P. Chekhunova, Gidrokhim. nat. 39:158-162 '65.

IONIZATION CHAMBERS

Mechanical detector of ionizing radiations. O.A. Mladzrikov, V.N. Demidovich, A.P. Suslov, Atom. energ. 20 no. 5:442-444 My '66.

Thick-walled ionization chamber as a monitor for measuring the intensity of γ -rays with an energy up to 100 mev. A.K. Karmanskii, E.S. Lonskii, Trudy Un. druzh. nar. 11, Fiz. no. 1:118-127 '65.

IONIZATION OF GASES

Optical excitation and ionization of fast hydrogen atoms. D.P. Grechukhin, E.I. Karpushkina, I.U. L. Sokolov, Atom. energ. 20 no. 5:407-412 My '66.

IONOSPHERE

Characteristics of regular variations of ionization and structural parameters of the F2-region of the ionosphere. V.M. Poljakov, L.A. Shechepkin, Ion. issl. no. 14:13-20 '65.

Chemical processes in the ionosphere. S.P. Iatsenko, Ion. issl. no. 14:21-25 '65.

Corpuscular hypothesis of ionization of the nocturnal ionosphere. L.A. Antonova, G.S. Ivanov-Kholodnyi, Ion. issl. no. 14:9-12 '65.

Dependence of the parameters of the ionosphere on the entrance of solar wave radiation into the earth's atmosphere. A.I. Likhachev and others, Ion. issl. no. 14:129-140 '65.

Irregular phenomena and disturbances in the ionosphere of high latitudes. A.S. Besprozvannaya, G.N. Gorshukina, Ion. issl. no. 14:94-99 '65.

Mass-spectrometric measurements of the neutral composition of the earth's atmosphere at altitudes of 100-430 km. A.A. Pokhunkov, Ion. issl. no. 14:26-40 '65.

Measurements of drift in the E-region of the ionosphere over Kharkov. E.I. Grigorenko, V.I. Taran, Ion. issl. no. 14:71-76 '65.

Nature and space-time distribution of ionospheric disturbances. E.I. Mogilevskii and others, Ion. issl. no. 14:86-93 '65.

Processing of drift recordings by means of the characteristic function and the calculation of deviations of the distribution of the random component of the signal from the normal. I.S. Veshchivatskaya, I.U. K. Kalinin, Ion. issl. no. 14:31-47 '65.

Relation of movements in the ionosphere to magnetic activity. V.D. Kokourov, Ion. issl. no. 14:77-85 '65.

Relation of the dynamics of the ionosphere to the dynamics of the atmosphere on the whole according to materials of the Ural-Siberian, North Caucasus, and Central Asian stations during the IGY. V.N. Kessenikh, E.S. Kazimirovskii, U.A. Novikova, Ion. issl. no. 14:141-145 '65.

Shortwave radiation of the sun, structure of the solar atmosphere, and the ionosphere. G.S. Ivanov-Kholodnyi, G.M. Nikol'skii, Ion. issl. no. 14:5-8 '65.

Some characteristics of magnetic and ionospheric disturbances in the transition zone. E.P. Glushkova, Ion. issl. no. 14:104-116 '65.

Some ionospheric and geomagnetic effects of large chromospheric flares. G.M. Khocholava, Ion. issl. no. 14:100-103 '65.

Systems of winds in the lower ionosphere. E.S. Kazimirovskii, Ion. issl. no. 14:48-70 '65.

IONS

Theory of the emigration for detecting positive and negative ions. B.I. Shabal, Zhur. tekhn. fiz. 36 no. 4:720-725 Ap '66.

IONS—MIGRATION AND VELOCITY

Influence of the solution structure on the mobility of Li^{2+} and Li^{3+} isotope ions. E.A. Bakulin, B.P. Aleksandrov, Zhur. struk. khim. 7 no. 2:179-183 Mr-Apr '66.

Ionic permeability in concentrated oil-in-water emulsions and foams. O.N. Grigor'ev, E.E. Voznata, Vest. LGU 21 no. 10:130-132 '66.

IRAN—INVESTMENTS, FOREIGN

Monopolies are enemies of independence. N. Vasin, Az. i Afr. seg. 9 no. 6:111-14 Je '66.

IRAN—PETROLEUM INDUSTRY

Monopolies are enemies of independence. N. Vasin, Az. i Afr. seg. 9 no. 6:111-14 Je '66.

IRAN—SOCIAL CONDITIONS

Problems of present-day Iran in the evaluation of the Western bourgeois literature. M.I. Volodarskii, Nar. Az. i Afr. no. 3:154-160 '66.

IRAQ

Akademiya nauk SSSR, Institut narodov Azii, [Present-day Iraq; a handbook] Sovremenniy Irak; spravochnik. Moskva, Nauka, 1966. 277 p.

IRAQ—INVESTMENTS, FOREIGN

Zigzag of the oil policy. T. Cattarov, Az. i Afr. seg. 9 no. 6:15-17 Je '66.

IRAQ—KURDISH LANGUAGE—DIALECTS

Research on the phonetics of the Kurdish language as spoken in foreign countries. M.U. Khamolan (M. Khamo), Vest. obshchestv. nauk AN Arm. SSR no. 1:62-74 Ja '66.

IRAQ—KURDS

The events in Iraq and the problem of the Kurds. F. Solful'-Mullukov, Nov. vrem. 24 no. 28:20-21 Ji '66.

Will the doves come back to Baghdad? L. Vol'nov, Nov. vrem. 24 no. 32:14-16 Ag '66.

IRAQ--PETROLEUM INDUSTRY

Zigzag of the oil policy. T. Cattarov. Az. i. Mr. seg. 9 no. 6:15-17 Je '66.

IRAQ--POLITICS AND GOVERNMENT

Development of the revolution in Iraq; comments. Nov. vrem. 24 no. 29:3-4 Ji '66.

The events in Iraq and the problem of the Kurds. F. Seifull-Mullukov. Nov. vrem. 24 no. 28:20-21 Ji '66.

On the way to national unity; Iraq. P. Gervorkian. Mezhdunar. zhizn' 13 no. 8:108-109 '66.

Will the doves come back to Baghdad? L. Vellnov. Nov. vrem. 24 no. 32:14-16 Ag '66.

IRIDIUM COMPOUNDS--SPECTRA

Spectroscopic evidence of the formation of iridium carbonyl compounds in the reactions of iridium salts with formic acid. I. A. Kharitonov, G. I. A. Mazo, Z. M. Novozheniuk. Izv. AN SSSR. Ser. khim. no. 6:1114-1115 '66.

IRIDIUM ISOTOPES--DECAY

β^+ -Coincidence in Ir^{188} decay. B. S. Dzheleporov and others. Izv. AN SSSR. Ser. fiz. 30 no. 7:1124-1126 Ji '66.

IRITIS

Phacogenic iridocyclitis and their treatment. M. V. Isaia. Zhur. okher. i klin. med. 6 no. 2:103-107 '66.

IRKUTSK--YOUTH

Revolutionary organizations of Irkutsk youth. M. Parnikova, A. Lakimov. Trudy BKNII no. 10:111-113 '62.

IRKUTSK PROVINCE--ADMINISTRATIVE AND POLITICAL DIVISIONS

Revise the principles governing the administrative and territorial division of the U.S.S.R. V. A. Neimsev. Sov. gos. i pravo 36 no. 6:12-20 Je '66.

IRKUTSK PROVINCE--AMMONIA AS FERTILIZER

Practices in injecting ammonia water in soil. V. Komarov. Tekh. v sel'khoz. 25 no. 3:17-19 Mr '65.

IRKUTSK PROVINCE--DELPHINIUM

Chemical study of Delphinium crassifolium Schrad. T. G. I. Akulina. Lek. i syr. res. Irk. obl. no. 4:107-115 '65.

IRKUTSK PROVINCE--FLOUR MILLS

Results of a general survey of the introduction of new machinery, conditions of production, and safety measures at the enterprises of Irkutsk Province. A. Faiblit. Muk. elev. prom. 32 no. 5:6-7 My '66.

IRKUTSK PROVINCE--GOITER

Iodine content in objects of external environment with respect to the distribution of goiter epidemic in a number of districts of Irkutsk Province. P. N. Rasputin. Lek. i syr. res. Irk. obl. no. 4:222-225 '65.

IRKUTSK PROVINCE--PLANTERS (AGRICULTURAL MACHINERY)

Coupling for three planters. S. Perov. Tekh. v sel'khoz. 25 no. 3:57-58 Mr '65.

IRKUTSK PROVINCE--PLANTS--CHEMICAL ANALYSIS

Qualitative study of some representatives of the flora of Irkutsk Province. T. G. I. Akulina. Lek. i syr. res. Irk. obl. no. 4:92-106 '65.

IRKUTSK PROVINCE--SILENE

Anatomical structure and histochemical study of the catchfly Silene repens patr. N. P. Kuznetsova. Lek. i syr. res. Irk. obl. no. 4:46-54 '65.

IRKUTSK PROVINCE--SOILS--IODINE CONTENT

Iodine content in cultivated soils of Irkutsk-Cheremkhovo Plain. Report No. 1. M. M. Dmitrichenko. Lek. i syr. res. Irk. obl. no. 4:218-221 '65.

Iodine content in objects of external environment with respect to the distribution of goiter epidemic in a number of districts of Irkutsk Province. P. N. Rasputin. Lek. i syr. res. Irk. obl. no. 4:222-225 '65.

IRON

Determining iron and silicon dioxide admixtures in technical calcium borate. A. G. Kutarkina, A. A. Moshkina, M. D. Chetverkina. [Trudy] UNIKHIM no. 11:78-80 '64.

Spectral method of silicon and iron determination in eryllite and aluminum fluoride. L. K. Ponomareva, V. I. Zablitsko, A. I. Aleshechikina. [Trudy] UNIKHIM no. 11:59-61 '64.

IRON--ANALYSIS

Physicochemical method of determining aluminum and iron in chromites and charges. M. T. Berkovich, A. M. Sirina, N. L. Lagunova. [Trudy] UNIKHIM no. 11:26-37 '64.

IRON--HYDROGEN CONTENT

Effect of addition agents and electrolysis conditions on the amount of iron in iron coatings and on iron current efficiency and yield of gaseous hydrogen. M. M. Lekhikolnen. Trudy Tadzh. sel'khoz. inst. 7:3-10 '65.

Effect of electrolysis conditions on the cathodic polarization and absorption of hydrogen by iron plating. A. P. Iatov. Trudy Tadzh. sel'khoz. inst. 7:11-20 '65.

IRON ALLOYS

Antiferro-ferromagnetic transition in the system Fe(Pl₂ Pd₁)₃. V. V. Klusdin and others. Izv. AN SSSR. Ser. fiz. 30 no. 6:968-971 Je '66.

IRON ALLOYS--ANALYSIS

Spectrophotometric determination of iron in alloys. I. P. Kharlamov and others. Zav. lab. 32 no. 5:512-514 '66.

IRON ALLOYS--MAGNETIC PROPERTIES

Multicomponent superstructures of variable composition in magnetic alloys based on Ni₃Fe and Ni₃Mn. V. N. V. N. Gneshev and others. Izv. AN SSSR. Ser. fiz. 30 no. 6:972-974 Je '66.

IRON ALLOYS--METALLOGRAPHY

Applying the theory of regular solutions in preparing constitutional diagrams for the system Fe-C. Report No. 2. D. M. Luptev. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:25-33 '66.

Structure of eutectics in Fe-C-V alloys. I. N. Taran, L. T. Kalinina, L. I. Ivanov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:143-150 '66.

IRON--ALUMINUM ALLOYS

Effect of the temperature of rolls on the specific pressure in the rolling of iron-aluminum alloys. I. M. Pavlov, G. N. Mekhed, V. A. Suvorov. Izv. AN SSSR. Met. no. 3: 99-93 My-Je '66.

IRON--ALUMINUM ALLOYS--TESTING

Dependence of the mechanical properties of iron-aluminum alloys on temperature. I. M. Pavlov, G. N. Mekhed, V. A. Suvorov. Trudy MEI no. 61 pt. 1:169-179 '65.

IRON AND STEEL BRIDGES see Bridges, Iron and steel

IRON AND STEEL PLANTS see subdivision under Makeyevka

IRON AND STEEL PLANTS--DESIGN AND CONSTRUCTION

Baltur, A. I. [Large underground structures for metallurgy] Krupnoglobaritnye podzemnye sooruzheniya metalhurgicheskoi promyshlennosti. Kiev, Budivelnik, 1964. 41 p.

IRON AND STEEL PLANTS--EQUIPMENT AND SUPPLIES

Design of a tilting program of a given duration. Avtom. upr. prots. silva ogn. shloka iz kov. na met. zav. no. 6: 24-25 '63.

Determining an optimum program for the automatic tilting of ladles according to the oscillogram of the pouring process. Avtom. upr. prots. silva ogn. shloka iz kov. na met. zav. no. 6:17-17 '63.

Static design of the ladle tilting program. Avtom. upr. prots. silva ogn. shloka iz kov. na met. zav. no. 6:17-24 '63.

Technological requirements of the process of pouring off slag from ladles. Avtom. upr. prots. silva ogn. shloka iz kov. na met. zav. no. 6:3-7 '63.

IRON AND STEEL PLANTS--LABOR PRODUCTIVITY (see also subdivision under Zhdanov)

Urgent tasks facing metallurgists of the Ukraine. I. A. P. Kitiukov. Met. i gornerud. prom. no. 3:3-5 My-Je '66.

IRON AND STEEL PLANTS--PRODUCTION METHODS

Improving the quality of the conversion pig iron being smelted. A. P. Likhovadov, K. I. Kotov. Met. i gornerud. prom. no. 3:13-17 My-Je '66.

IRON CATALYSTS

Effect of promoters on the selectivity of action of sintered iron catalysts in the synthesis of higher alcohols from CO and H₂. I. B. Kagan and others. Neftokhimia 6 no. 2:262-270 Mr-Ap '66.

Regeneration of a molten iron catalyst under conditions of fluidized bed. V. N. Men'shov and others. Zhur. prikl. khim. 39 no. 5:1024-1028 My '66.

Study of the conditions of synthesis of butyronitrile on sintered iron catalysts. F. I. Novak and others. Neftokhimia 6 no. 2:297-301 Mr-Ap '66.

IRON CHLORIDES

Production of porous iron coatings from cold chloride electrolytes. P. M. Peregodov. Trudy Tadzh. sel'khoz. inst. 7:31-39 '65.

IRON--CHROMIUM ALLOYS see Chromium-iron alloys

IRON INDUSTRY see subdivision under Armenia

IRON INDUSTRY--FINANCE

(see also subdivision under Ukraine)

Ways of strengthening business accounting in ferrous metallurgy. L. Birman. Fin. SSSR 40 no. 6:43-49 Je '66.

IRON--MANGANESE ALLOYS--METALLOGRAPHY

Effect of the annealing temperature on the phase constitution on hardened ferritic-austenitic iron-manganese alloys. A. S. Nikonenko. Fiz. met. i metalloved. 18 no. 1:139-141 Ji '64.

Structural changes in the G10 iron-manganese alloys during phase transformations. R. Sh. Shkhar and others. Fiz. met. i metalloved. 20 no. 6:908-914 D '65.

IRON MINES AND MINING see subdivision under Kriyev Rog Basin

IRON MINES AND MINING--MANAGEMENT see subdivision under Kriyev Rog Basin

IRON MOLYBDATES

Production of trivalent iron molybdate. A. S. Kuznetsova and others. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:61-65 '66.

IRON--MOLYBDENUM ALLOYS--METALLURGY

Material and heat balance of aluminum-thermochemical smelting of ferromolybdenum. K. N. Ripepl, I. I. Klokotina. Izv. AN SSSR. Met. no. 3:34-41 My-Je '66.

IRON--NICKEL ALLOYS

Catalytic properties of iron-nickel catalysts as dependent on their electronic structure. R. P. Lavrentovich, M. T. Rusov, I. N. Arthukh. Kin. i kat. 7 no. 3: 553-556 My-Je '66.

IRON--NICKEL--COBALT ALLOYS

Spin-wave resonance in thin films of the Fe-Ni-Co alloy. G. I. Rusov, E. V. Kuz'min, I. P. Tushkov. Izv. AN SSSR. Ser. fiz. 30 no. 6:1088-1010 Je '66.

IRON ORES

(see also subdivision under Altai Mountains; Sayan Mountains)

Koroteli, V. I. [Theoretical principles of nodulizing iron ore materials] Teoreticheskie osnovy okonkovanila zhelezorudnykh materialov. [Moskva] Metallurgiya, 1966. 150 p.

Nomogram for determining the weight by the volume of iron ores. P. I. Bulokht. Razved. i okh. nedr. 31 no. 10: 52-54 O '65.

IRON OXIDES

Cation exchange ability of iron oxides and its role in the exchange ability of soils. V. M. Fridland, I. G. Tshurupa, N. A. Andreeva. Dokl. AN SSSR 166 no. 4:917-926 Je '66.

Oxidation of ferrous oxide in magnetite melts in the ultrasonic field. A. S. Dzhin'sh, V. N. Krylov. Zhur. prikl. khim. 39 no. 5:1104-1105 My '66.

IRON OXIDES--ANALYSIS

Determining ferrous oxide in chromite. R. S. Pikhlik, T. V. Ivanova. [Trudy] UNIKHIM no. 11:3-13 '64.

IRON PLATING

Effect of addition agents and electrolysis conditions on the amount of iron in iron coatings and on iron current efficiency and yield of gaseous hydrogen. M. M. Lekhikolnen. Trudy Tadzh. sel'khoz. inst. 7:3-10 '65.

Effect of electrolysis conditions on the cathodic polarization and absorption of hydrogen by iron plating. A. P. Iatov. Trudy Tadzh. sel'khoz. inst. 7:11-20 '65.

Internal stresses in iron coatings. P. M. Peregodov. Trudy Tadzh. sel'khoz. inst. 7:37-42 '65.

Use of ascorbic acid in electrolytic plating of iron. I. A. Shcherbakova, A. P. Iatov, I. N. Petrov. Trudy Tadzh. sel'khoz. inst. 7:23-30 '65.

IRON--RHODIUM ALLOYS--METALLOGRAPHY

Kinetics of isomorphous transformations in iron-rhodium alloys. E. I. Estrin. Izv. AN SSSR. Met. no. 3:150-155 My-Je '66.

IRON SALTS

Kinetics of reaction of a bivalent iron ion with diphenylpicrylhydrazyl. R. I. Zureman and others. Kin. i kat. 7 no. 3:414-418 My-Je '66.

IRON--SILICON ALLOYS--DENSITY

Density isotherm and the surface tension of iron-silicon alloys. N. K. Dzhamilov, S. I. Popell, I. B. Tsarevskii. Fiz. met. i metalloved. 18 no. 1:63-67 Ji '64.

IRON--SILICON ALLOYS--METALLOGRAPHY

Defects of structure occurring during the twinning of silicon ferrite. E. N. Pogrebnol, K. M. Zhuk. Izv. AN SSSR. Met. no. 3:113-117 My-Je '66.

Texture of the intermediate layer in cold-rolled silicon steel. I. P. Kudravin. Fiz. met. i metalloved. 18 no. 1:121-124 Ji '64.

IRON--VANADIUM ALLOYS--METALLOGRAPHY

Isothermal cross section of the ternary system Fe-V-C at 800°C. I. V. Grilina, I. B. Lykhin, T. F. Fedorov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:156-160 '66.

IRRIGATION

(see also subdivision under Burma; Gulistan Province, Iran; Osh Province; Pakistan; Underdeveloped Areas; Vakhsh Valley)

Fomin, N. K., V. I. Gromov, and V. G. Asmet'skii. Planning hydraulic engineering operations in drainage and irrigation constructions. Proektirovaniya proizvodstva gidromekhanicheskikh rabot. Moskva, Kolos, 1966. 270 p. (Ucheb.-metod. i uchebnye posobiya dlia sel'skokhoziaistvennykh vuzov)

IRRIGATION—ECONOMIC ASPECTS see subdivision under Kazakhstan

IRRIGATION—EQUIPMENT AND SUPPLIES

Irrigation from flexible pipelines using the PShN-165 irrigation machine. I.A. Balabanov. Gidr. i mel. 10 no. 6:13-17 Je '66.
Results of the competition for working out designs for irrigation machinery. B. Devillier, N. Grigorov, S. Zhuravkov. Gidr. i mel. 10 no. 6:60-62 Je '66.

IRRIGATION CANALS AND FLUMES—MAINTENANCE AND REPAIR

Results of the competition for the best machinery for cleaning canals of sediments. I. L. Barkan, N. G. Belkina. Gidr. i mel. 10 no. 6:62-63 Je '66.

IRRIGATION FARMING

Evaluation of the productivity of a periodically working water-intake installation. I. S. Pashkovskii. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:110-112 My-Je '66.
Microclimate of an irrigated field in the southern Dnieper Valley. Z. A. Mischenko, A. G. Morozova, L. G. Semanova. Trudy GGO no. 100:88-86 '66.

IRTYSH VALLEY—GEOLOGY

Grebennik, V. V., and others. [Geology and the oil and gas potentials of the Ob'-Irtysk Interfluvium] Geologiya i neftegazovaya obshch. Ob'-Irtyskogo mezhduzheniya. [Tomsk] Izd-vo Tomskogo univ., 1965. 194 p. (Materialy po geologii Zapadno-Sibirskoi nizmennosti, no. 4)

ISLAMIC COUNTRIES—FOREIGN RELATIONS

The face of the Islamic East and what is behind it. B. Melnikov. Mezhdunar. zhizn' 13 no. 8:147-148 '66.

ISOBUTYRIC ACID

Action of triethylamine on hexafluoroisobutyric acid fluoride. I. L. Knaunants, I. A. Cheburkov, M. D. Bargamova. Izv. AN SSSR. Ser. khim. no. 6:1048-1057 '66.

Reaction of α -H-fluorocarboxylic acids with phosphoric anhydride. I. L. Knaunants and others. Izv. AN SSSR. Ser. khim. no. 6:1111-1114 '66.

ISOCYANATES

Kinetics and mechanism of catalytic interaction of isocyanates with alcohols in the presence of organotin compounds. Part 1: Kinetics of the reaction of p-chlorophenyl isocyanate with methyl alcohol in the presence of tin dibutyl dilaurate. S. G. Entelis, O. V. Nesterov. Kin. i kat. 7 no. 3:464-469 My-Je '66.
Mechanism of interaction of isocyanates with alcohols. I. A. Pronina and others. Kin. i kat. 7 no. 3:438-448 My-Je '66.

Perfluoroisocyanates. I. L. Knaunants, M. P. Kravushina, D. P. Del'tsova. Izv. AN SSSR. Ser. khim. no. 6:1110-1111 '66.

ISOELECTRIC POINT

Shifts of the isoelectric point of the cytoplasm, nucleus, and nucleolus in the vegetative cones of wheat during seed vernalization. L. P. Chel'tsova, N. I. Lebedeva. Fiziol. rast. 13 no. 3:525-527 My-Je '66.

ISOMERIZATION

Catalytic effect of nitrogen-containing compounds on the isomeric conversions of carbohydrates. Part 2: Action of α -amino acids on α/β -isomerization of d-glucose. V. A. Afanas'ev, N. I. Trushkina. Kin. i kat. 7 no. 3:545-547 My-Je '66.

Effect of a medium on the relative rates of isomerization of individual dichlorobenzenes. V. A. Koptug, I. S. Isaev. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1: 146-147 '66.

Isomerization, hydrogenation, and hydrolaserization of some hydrocarbons on Y-type synthetic zeolites containing group VIII metals. Kh. M. Minachev and others. Izv. AN SSSR. Ser. khim. no. 6:1001-1005 '66.

Selective isomerization of cyclopentane hydrocarbons. Isomerization of high-boiling mono and bicyclic naphthenes. A. I. A. Petrov, E. V. Vsevolozhskaya, O. E. Morozova. Neftekhimiya 6 no. 2:172-178 Mr-Ap '66.

ISOMERS

Formulas for calculating the quantity of theoretically possible isomers of monosubstituted ethers. Azerb. khim. zhur. no. 2:63-72 '64.

ISOMORPHISM (CRYSTALLOGRAPHY)

Effect of pressure on isomorphic replacements in minerals I. D. Ritschikov, V. V. Sheherbina. Geokhimiya no. 10: 1207-1211 O '65.

ISONICOTINIC ACID—THERAPEUTIC USE

Treatment of parkinsonism with Bulgarian preparations INK-17 and bellazou. L. G. Stolarova. Zhur. nevro. i psikh. 66 no. 5:698-703 '66.

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOPRENE

Light and temperature curves of the evolution of $C_{10}H_{16}$. G. A. Sanadze, A. N. Kalandadze. Fiziol. rast. 13 no. 3: 458-461 My-Je '66.

Reaction of compounds with mobile halogen. Part 2: Some products based on the reaction of 3-bromo-cyclohexene with isoprene. V. K. Promonnikov, O. A. Pochemnikova, V. N. Belov. Zhur. org. khim. 2 no. 4:637-640 Ap '66.

ISOTOPE EXCHANGE

Experimental determination of the compressibility of nuclei from the isotope shifts of X-ray lines. A. F. Mezentsev and others. Izv. AN SSSR. Ser. fiz. 30 no. 7:1167-1172 Ji '66.

Homomolecular and isotopic exchange of oxygen on cerium dioxide. L. A. Sazonov, V. D. Sokolovskii, G. K. Borenskov. Kin. i kat. 7 no. 3:521-524 My-Je '66.

Kinetics of isotope exchange between gaseous hydrogen and hydrogen dissolved in palladium. B. M. Andreev and others. Kin. i kat. 7 no. 3:470-474 My-Je '66.

Mass transfer in the system $I_2 - CCl_4 - H_2O - KI$ studied by means of isotope exchange. V. N. Maksimov, R. Z. Iofa. Dokl. AN SSSR 168 no. 4:854-856 Je '66.

ISOXAZOLE

Isoxazole series. Part 20: Basicity of isoxazole and 2-isoxazoline derivatives. S. D. Sokolov, L. A. Kazitsyna, L. K. Guseva. Zhur. org. khim. 2 no. 4: 731-730 Ap '66.

ISOXAZOLIDINONE

Study of the physiology of the cycloserine producing micro-organism. L. A. Popova, N. E. Stepanova. Antibiotiki 11 no. 5:414-419 My '66.

ISOXAZOLINE

Isoxazole series. Part 20: Basicity of isoxazole and 2-isoxazoline derivatives. S. D. Sokolov, L. A. Kazitsyna, L. K. Guseva. Zhur. org. khim. 2 no. 4:731-738 Ap '66.

ITALIAN LITERATURE—HISTORY AND CRITICISM

Mokul'ski, S. S. [Italian literature; the Renaissance and Enlightenment] Ital'skaya literatura; Vozrozhdenie i Prosvetshenie. Moskva, Vysshaya shkola, 1966. 240 p.

ITALY—COLLECTIVE LABOR AGREEMENTS—METAL INDUSTRIES

Struggle of Italian metalworkers for collective agreements. Pio Gullii. Vsem. prof. dvizh. no. 3:3-5 My '66.

ITALY—COMMUNISM

Togliatti, Palmiro. [Selected articles and speeches. Translated from the Italian] Izbrannye stat'i i rechi. Moskva, Politizdat, 1965. 2 v. (CS-1)

ITALY—CREDIT

The loan capital market of Italy as an index of its business conditions. A. Pokrovskii. Vnesh. torg. 46 no. 6:35-38 '66.

ITALY—DAMS—DESIGN AND CONSTRUCTION

Seyast'lanov, V. I. [Designing and building of dams in Italy] Proektirovaniye i stroitel'stvo plotin v Itali. Moskva, Energiya, 1966. 102 p.

ITALY—ECONOMIC CONDITIONS

About the "crisis of hope" and social injustice. Mario Melloni. Nov. vrem. 24 no. 26:12-14 Je '66.
Contradictions in Italian reality. S. Riccio. Mezhdunar. zhizn' 13 no. 8:52-58 '66.

ITALY—FOREIGN ECONOMIC RELATIONS—RUSSIA

Contradictions in Italian reality. S. Riccio. Mezhdunar. zhizn' 13 no. 8:52-58 '66.

ITALY—FOREIGN RELATIONS

Italy: Strange shyness. V. Raiskii. Nov. vrem. 24 no. 30:10-20 Ji '66.

ITALY—FOREIGN RELATIONS—GERMANY, WEST

Guests from Rome on the Rhine. V. Kravchenko. Mezhdunar. zhizn' 13 no. 8:106-107 '66.

ITALY—INVESTMENTS, FOREIGN

Monopoly concentration and foreign capital in the economy of Italy. Osvaldo Sanguini. Mir. ekon. i mezhdunar. otn. no. 6:110-114 '66.

ITALY—ONCOLOGY

A lecture tour in Italy. L. Shabad. Nov. vrem. 24 no. 33:10-20 Ag '66.

ITALY—PASTEURILLA

Study of strains of typharoma microbes isolated in Southern Europe. N. G. Osuf'ov, O. S. Emel'yanova, Zhur. mikrobiol., epid. i immun. 43 no. 5:3-4 My '66.

ITALY—TRADE UNIONS

On the agenda is unity of action. V. Kuprilanov. Sov. profsoliuzy 22 no. 12:34-37 Je '66.

ITALY—TRUSTS, INDUSTRIAL

Monopoly concentration and foreign capital in the economy of Italy. Osvaldo Sanguini. Mir. ekon. i mezhdunar. otn. no. 6:110-114 '66.

ITALY—UNIVERSITIES AND COLLEGES

The situation of Italian universities. V. A. Bogorad. Vest. vys. shkoly 24 no. 6:85-91 Je '66.

ITALY—WAGE PAYMENT SYSTEMS

New tendencies in the wage payment systems in the industry of Italy. I. Kiselev. Sots. trud 11 no. 6:124-132 Je '66.

IUR'EV, IURII KONSTANTINOVICH, 1896-1965

In memory of Iurii Konstantinovich Iur'ev. I. K. Korobitsyna, K. I. U. Novitskii. Zhur. ob. khim. 36 no. 6:937-966 Je '66.

IVANOV—POLITICS AND GOVERNMENT

[The first soviet of workers' deputies; the city of Ivanovo-Voznesensk, May-July 1905] Pervyi soviet rabochikh deputatov; gorod Ivanovo-Voznesensk, mai-iul' 1905 g. [Iaroslavl'] Verkhne-Voizhskoe knizhnoe izd-vo, 1965. 91 p. (CS-1)

IVANOV—TEXTILE INDUSTRY—MANAGEMENT

This is within our power. Z. Pukhova. Sov. profsoliuzy 22 no. 11:4-5 Je '66.

IVANOV PROVINCE—FINANCE—STUDY AND TEACHING

Training of financial personnel. M. Bochkov. Fin. SSSR 40 no. 6:69-70 Je '66.

IVANOV PROVINCE—MEAT INDUSTRY

Behind the screen of a plan. V. Antonov. Zakup. sel'khoz. prod. no. 5:46-49 My '66.

IVANOV PROVINCE—WOMEN IN AGRICULTURE

A school child of yesterday. B. Voronin. Mol. komm. no. 8:61-63 Ag '64.

JANITORS

It is a pleasure to live with such people. L. Sorokin. Zhil. i kom. khoz. 16 no. 7:3 Ji '65.

JAPAN—BIG BUSINESS

Pigulevskaya, E. A. [Monopolies and financial oligarchy in modern Japan] Monopolii i finansovaya oligarkhiya v sovremennoi Iaponii. Moskva, Nauka, 1966. 354 p.

JAPAN—FOREIGN RELATIONS

Unwarranted calculations of Japanese imperialism. S. Budkevich. Mezhdunar. zhizn' 13 no. 6:94-102 '66.

JAPAN—FOREIGN RELATIONS—UNITED STATES

Japanese rear of the American aggression. V. Dal'nov. Nov. vrem. 24 no. 28:16-19 Ji '66.

JAPAN—LABOR AND LABORING CLASSES

Character of the September 1905 riots in Japan. D. I. Goldberg. Nar. Az i Afr. no. 3:51-60 '66.

JAPAN—ORTHODOX EASTERN CHURCH—CLERGY

Protopresbyter Antoni Takai; obituary. G. Mnenko. Zhur. Mosk. Patr. no. 4:12-16 '66.

JAPANESE—ORIGIN

Origin of the Japanese. A. Arutunov. Az i Afr. seg. 9 no. 6:34-35 Je '66.

JAPANESE DRAMA—HISTORY AND CRITICISM

Plays in modern costumes in the Chinese musical drama; the turn of the 20th century. S. A. Serova. Nar. Az i Afr. no. 3:102-109 '66.

JAPANESE LANGUAGE

Some notes on the language of "Kojiki"; problem of the formation of the literary Japanese language. K. V. Cherevko. Nar. Az i Afr. no. 3:117-123 '66.

JAUNDICE

Changes in the blood system in obstructive jaundice and acholia. E. M. Semenskaya, G. I. A. Odilshvili, T. I. Abake-tin. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:247-257 '59.
Functional changes in the kidneys in obstructive jaundice. G. V. Kakhidze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:195-200 '59.

JERUSALEM—DESCRIPTION

Fliginskaya, I. V. [A pilgrimage to the Holy Land in 1964] Palomnichestvo na Sviatuiu Zemlju v 1964 godu. New York, 1966. 87 p.

JERUSALEM ARTICHOKE

Study of interspecies hybrids Helianthus annuus L. \times Helianthus tuberosus L. E. I. Ustinova. Biol. MOP. Otd. biol. 71 no. 2:100-106 Mr-Ap '66.

JESUS CHRIST—BIOGRAPHY

Balgachev, I. N. [Savior of the world; the gospel for children] Spasitel' mira; evangelie dlia detei. Rome, Izd-vo Sales, 1956. 88 p. (CU)

JET BORING—EQUIPMENT AND SUPPLIES

Comparing the jet piercing of quartz-containing rocks to the value of the piezoelectric effect. A. B. Uspenskaya. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:78-81 '65.

JET STREAM

Manifestation of the correlations of atmospheric processes in the characteristics of jet streams and planetary frontal zones of extra-tropical latitudes. E.V. Vorob'eva, V.I. Vorob'ev. Trudy GGO no.108:43-52 '66.

Position of the tropopause in the jet streams of the temperate latitudes. V.R. Kubentsov, L.S. Minaia, Izv. AN SSSR. Fiz. atm. i okeana 2 no.5:464-473 My '66.

Results of a comparison of the characteristics of a steady turbulence in the jet streams computed by various methods. M.A. German, V.P. Tarakanova. Trudy GGO no.107:221-231 '66.

JETS

Plane partially restricted jet on a porous plate. V.P. Kashkarov. Probl. teploenerg. i prikl. teplofiz. no.2: 206-213 '65.

Propagation of a laminar partially restricted jet flowing from an annular source with finite diameter along cylindrical, conical, and spherical surfaces. S.I. Isataev. Probl. teploenerg. i prikl. teplofiz. no.2:200-206 '65.

Structure of the formula of the average dimension of drops in the torch of a pneumatic nozzle. R.M. Iablo-nik, E.E. Markovich. Izv. vys. ucheb. zav.; energ. 9 no.6:72-75 Je '66.

JIGS AND FIXTURES

Jig for drilling holes for splints. B.Sorokin, V.Spivak. Avt.transp. 44 no.6:55 Je '66.

JOHNE'S DISEASE

Diagnostic sensitivity of a twofold allergic test for paratuberculous enteritis in sheep. S.Kh. Khabibullina, G.V. Suvorova. Trudy TVI 9:134-140 '65.

Discerning immunobiologically inert forms of disease in paratuberculous enteritis of sheep. S.Kh. Khabibullina. Trudy TVI 9:122-126 '65.

Some materials on the diagnosis of paratuberculosis in sheep. S.Kh. Khabibullina. Trudy TVI 9:127-133 '65.

JOINTS—DISEASES

Astapenko, M.G., and E.G. Pikhlik. [Diseases of the joints] Bolezni sustavov. Moskva, Meditsina, 1966, 377 p. (DNLN)

JOINTS—TUBERCULOSIS

Changes of some functional indices in patients with osteoarticular tuberculosis under the effect of diurnal stay in the open air. I.G. Shemeillo, T.A. Polikarpova. Vop.kur., fizioter. i lech. fiz. kult. 31 no.2:112-116 Mr-Apr '66.

JOINTS (ENGINEERING)

Dement'ev, Kh.N. [Devices and units for testing friction pairs and joints used in the manufacture of machinery] Priборы i ustanovki dlia ispytaniia par treniia i soedinenii, primeniamykh v mashinostroenii. Rostov-na-Donu, 1964. 91 p. (Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov, no.49)

Longing stability of an annular welded seam. I.V. Stasenko. Izv. vys. ucheb. zav.; mashinost. no.4:38-43 '66.

Keyless joint with elastoplastic bushes. V.A. Aranzon. Vest. mashinost. 46 no.6:21-24 Je '66.

Manifestations in the annular space of gas condensate wells and means for preventing them. N.N. Koshelev, R.U. D. Komnatnyi, V.G. Konyshov. Gaz, prom. 11 no.5:9-15 '66.

Method of studying the concentration of stresses in rivet joints performing under varying loads and some results of using it. V.O. Ostrov. Trudy MHT no.227:133-153

JUPITER (PLANET)—SPECTRA

Spectra of Jupiter and Saturn in the 1-2.5 μ region. V.I. Moroz. Astron. zhur. 43 no.3:576-582 My-Je '66.

JURISPRUDENCE

Odesa. Universitet. [Anniversary session dedicated to the centenary of the I.I. Mechnikov Odesa State University; social and historical sciences, jurisprudence (the-see of the reports, May 16-18)] Iubileina naukova sessiia, prysviachena 100-ricchciu Odes'koho derzhavno-ho universitetu im. I.I. Mechnikova; suspi'ni, istorychni ta iurydychni nauky (tezy dopovidel, 16-18 travnia). Odesa, 1954. 102 p.

JUSTICE, ADMINISTRATION OF

(see also subdivision under Dnepropetrovsk Province; Ukraine)

Democratic and humanitarian features of Soviet justice. Sov. iust. 30 no.13:1-3 Ji '66.

JUSTICES OF THE PEACE see subdivision under Moscow

JUVENILE COURTS

Some specific aspects of the determination by courts of juvenile delinquency cases and further revision of the criminal procedure law. S.I. Galbov. Uch. zap. AGU. Ser. iurid. nauk no.2:35-51 '64.

JUVENILE DELINQUENCY

Certain revision problems re violations of laws on administrative liability by minors. V.S. Pronina. Uch. zap. VNIISZ no.5:105-109 '65.

Characteristics of presentation of evidence in juvenile delinquency cases by the prosecuting officers of the state. I. Sadovskiy, N. Brusova. Red. pravo 29 no.5:37-40 My '66.

The defense of juvenile delinquents. L. Fris. Rad. pravo 29 no.6:54-58 Je '66.

Down the social ladder (to be concluded). R. Kizilov. Sov. iust. 30 no.13:25-27 Ji '66.

KABARDIAN LANGUAGE—ADVERB

Glauglev, Kh. Z. [Adverb in Kabardian-Cherkess] Narechiye v Kabardino-cherkasskom izyky. Na'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1963. 129 p. (MHI)

KABARDINO-BALKAR A. S. S. R.—LIBRARIES AND READERS

From the age of 17 to 27. S. Dozoretz. Izhilotekar' 43 no.7:21-23 Ji '66.

KABARDINO-BALKAR A. S. S. R.—VOCATIONAL EDUCATION

Khakulaev, E. T., comp. [Lenin's little "educational town" as a communist forge of the workers of Kabardino-Balkaria; a collection of reminiscences and documents] Lenin'skiy uchebnyi gorodok—kommunisticheskaya kuznitsa kadrov Kabardino-Balkarii; sbornik vospominanii i dokumentov. Na'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1964. 128 p. (CSI-II)

KADZHARAN (ARMENIA)—COPPER MINES AND MINING

Kadzharan is a cradle of heroes. T. Karapetian. Prom. Arm. 9 no.6:7-9 '66.

KADZHARAN (ARMENIA)—MOLYBDENUM

Kadzharan is a cradle of heroes. T. Karapetian. Prom. Arm. 9 no.6:7-9 '66.

KAKHOVKA RESERVOIR—FISHES—FOOD

Food resources and fish productivity in Kakhovka Reservoir. IA. IA. Tsech. Vop. ikht. 6 no.2:310-335 '66.

KAKHOVKA RESERVOIR—WATER—COMPOSITION

Basic characteristics in the formation of the gas regime of the reservoirs of the Dnieper River; based on the example of the Kakhovka and Kremenchug Reservoirs. A.I. Denisova. Gidrokhim. mat. 30:28-43 '65.

KALASHNIKOV, VASILII IVANOVICH, 1840-1908

V.I. Kalashnikov's contribution to petroleum engineering technology in Russia. V. Kostin. Neftlonk 10 no.7: 30-37 Ji '65.

KALININ—LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

Chemical station of the "Krasnyi Oktabr'" leather factory in Kalinin. A.N. Kopylova, P.N. Voroponov. Kozh. obuv. prom. 7 no.2:30-35 F '66.

KALININ—TEXTILE FIBERS, SYNTHETIC

New tasks, new demands. V. Rjabov. Sov. profsoiuzy 22 no.10:6-8 My '66.

KALININ—WATER PIPES

Centennial of the Kalinin water-supply system. V. Logachev. Zhil. i kom. khoz. 16 no.7:22-28 Ji '65.

KALMYK A. S. S. R.—BIOGRAPHY

[Generosity; sketches of remarkable people of Shchedrost'; ocherki o zamечатel'nykh liudya Kalmykii. Etista, Kalmytskoe knizhnoe izd-vo 165 p. (CSI-II)]

KALUGA—HOUSING

With the cooperation of the soviets of deputies. nov. Zhil. i kom. khoz. 16 no.7:5 Ji '65.

KALUGA PROVINCE—AUDITING AND INSPEC

Improve intradepartmental control. V. Ivanov. SSSR 40 no.6:63-66 Je '66.

KAMA RESERVOIR—ICE

Methodology of long-range forecasting of the h freezing on the Kama Reservoir. N. D. Efrem. Trudy TSIP no.151:31-45 '65.

KAMA RESERVOIR—SNOW—COMPOSITION

Chemical composition of snow on the water area Kama and Volzhsk Reservoirs. I. A. Pecherk. Burmatova, Gidrokhim. mat. 30:3-7 '65.

KAMA RIVER—SHIPPING

Develop in every way possible the shipping of products. V. Kurdin. Rech. transp. 23 no. '64.

KAMARAJ, KUMARASWAMY, 1903-

People and events: Kumaraswamy Kamaraj; U Miguel Angel Asturias. Nov. vrem. 24 no. Ji '66.

KAMCHATKA—ACANTHOBELLA

Acanthobella Ivanovič sp. n., a new species of bryozoa, from the waters of Kamchatka. A. A. Stein. Dokl. AN SSSR 166 no.2:955-958 J

KAMCHATKA—CIVIL DEFENSE—STUDY AND TEACHING

A form of aid is found. V. Kozak. Voen. znan. no.6:22 Je '65.

KAMCHATKA—GLACIERS

Present and "historical" glaciation of Kamchatka. Olshin. Izv. AN SSSR. Ser. geog. no.3:70-76 '66.

KAMCHATKA—LARVAE—CRUSTACEA

Makarov, R. H. [Larvae of shrimps, hermit crabs of the western Kamchatka shelf and the (ton) Lichinki krevetok, rakov-otshel'nikov i padukamchatkogo shelfa i ikh raspredelenie. Nauka, 1966. 161 p.

KAMCHATKA—SEA WALLS

Construction of a gravity sea wall of large co blocks in a seismic area. I. U. A. Volkov, R. Nikiforov. Transp. stroit. 16 no.8:24-26 J

KAMCHATKA—VOLCANOES

Exhalation of the volcanoes of northern Kamchatka. I. A. Menilov, L. P. Nikitina. Bul. no.40:14-24 '66.

Orogenic stage of the Quaternary volcanism I chitka. O. E. Svatilovskiy. Dup. AN URSS 607 '66.

Status of active volcanoes in northern Kamchatka. Ermskov, I. A. Menilov, L. P. Nikitina, J. sta. no.40:0-13 '66.

Status of some volcanoes of Kamchatka based data. G. S. Steinberg. Bul. vulk. sta. no.

KANAKER (ARMENIA)—ALUMINUM INDUSTRY MANAGEMENT

A manager's day. G. Bagratian. Prom. Arm. 31-33 '66.

KANDALAKSHA BAY—SMELTS

Feeding habits of adult Osmerus aperlanus in dymanin (Smitt) in Kandalaksha Bay of the S. A. Abdel-Malek. Vop. ikht. 6 no.2:336

KANGAROOS

Aerobics of tropical forests; tree kangaroos. Stevens. Priroda 55 no.6:108-109 '66.

KAOLIN

Accelerating the clarification and the filtrat F. E. Molochnikova, E. I. Silina. Stek. i ker. 30-31 Je '66.

KAOLINITE

Physicochemical transformations in a mixture kaolinite-calcium carbonate-soda during G. V. Kuz'mina, S. A. Stukheva, E. I. Khaza res. leg. mot. Vost. Sib. 5:18-30 '65.

KARA KUM—GAS, NATURAL—GEOLOGY

Basic characteristics of the history of geology in the southwestern part of the Kara gas-bearing basin in connection with prospecting oil and gas in Mesozoic sediments. Khipov. Vest. Mosk. un. Ser. 4: Geol. 21 My-Je '66.

KARA KUM—GEOLOGY, STRUCTURAL

Some characteristics of the deep geological structure of the southern Ustyurt and northern Kara Kum. V.V. Ishitin, E.S. Markarov, R.I. Abramson, Neftegaz, geol. i geofiz. no. 5:19-22 '66.

KARA KUM—PETROLEUM GEOLOGY

Basic characteristics of the history of geological development in the southwestern part of the Karakum oil and gas-bearing basin in connection with prospects for finding oil and gas in Mesozoic sediments. A.I.A. Arkhipov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3: 81-89 My-Je '66.

KARA KUM REGION—BRINES

Genesis of brines in the Kimmeridgian and Tithonian salt-bearing sediments of the Karakum artesian basin. A.S. Panchenko. Geokhimiya no. 4:488-491 Ap '66.

KARA-MURZA, KHUSTOFOR MAKAROVICH, 1853-1902—BIBLIOGRAPHY see Bibliography—Kara-Murza, Khristofor Makarovich, 1853-1902

KARACHAROVO (MOSCOW PROVINCE)—MACHINERY INDUSTRY—FINANCE

Improve the payment system. I.A. Bolshakovskii. Plan. khoz. 43 no. 6:70-72 Je '66.

KARACHAYS

Alekseeva, E.P. [Karachays and Balkars, ancient people of the Caucasus] Karachaytsy i balkartsy, drevni narod Kavkaza. Cherkessk, Karachaevo-Cherkesskoe knizhnoe izd-vo, 1963. 92 p. (MII)

KARAGANDA BASIN—COAL MINES AND MINING—ECONOMIC ASPECTS

Improving the structure and use of fixed capital in the mines of the Karaganda Basin. R.I. Kosmanichetova. Vest. AN Kazakh SSR 22 no. 6:37-41 Je '66.

KARAGANDA BASIN—COAL MINING MACHINERY—DESIGN AND CONSTRUCTION

Coal cutting with the SE-7Pk plow in Karaganda Basin. D.A. Pastukhov and others. Ugol' Ukr. no. 6:18-19 Je '66.

KARAGANDA PROVINCE—INDUSTRIAL SAFETY

Safety guard or fact register? B. Shaghebanov. Sov. profsoyuz 22 no. 11:34-35 Je '66.

KARAKUL SHEEP

Effect of the age of Karakul sheep on their productive and breeding qualities. O.I. Brigla. Trudy Mosk. vet. akad. 14:132-156 '66.

In order to have karakul without defects. A. Akzhigitov, A. Moldavantsiev. Zakup. sel'khoz. prod. no. 5:28-29 My '66.

Quality of karakul pelts in the Soviet Union and ways for their improvement. B.A. Kuznetsov. Trudy Mosk. vet. akad. 14:217-222 '66.

KARAKUL SHEEP—FEEDING AND FEEDS

Effect of pasture feeding of pregnant ewes on the pelt and breeding qualities of the offspring. O.I. Brigla. Trudy Mosk. vet. akad. 14:157-160 '66.

KARELIA—BIOLOGICAL SOCIETIES

Report on the work of the Karelian Republic Section of the All-Union Scientific Society of Anatomists, Histologists and Embryologists. N.B. Likhacheva. Arkh. anat., gist. i embr. 50 no. 3:133-134 Mr '66.

KARELIA—BIOTITE—ANALYSIS

Composition of biotites from granites of southwestern Karelia as one of the criteria for the origin of granites. S.B. Lobach-Zhuchenko, N.I. Askevich. Izv. AN SSSR. Ser. geol. 31 no. 6:330-345 Je '66.

KARELIA—GEOLOGICAL TIME

Determination of the age of granites from Karelian folding in the southwestern part of Karelia using the Rb-Sr isochronous method. I.M. Gorokhov, S.B. Lobach-Zhuchenko. Geokhimiya no. 10:980-987 O '64.

KARELIA—GRANITE

Composition of biotites from granites of southwestern Karelia as one of the criteria for the origin of granites. S.B. Lobach-Zhuchenko, N.I. Askevich. Izv. AN SSSR. Ser. geol. 31 no. 6:330-345 Je '66.

Determination of the age of granites from Karelian folding in the southwestern part of Karelia using the Rb-Sr isochronous method. I.M. Gorokhov, S.B. Lobach-Zhuchenko. Geokhimiya no. 10:980-987 O '64.

KARELIA—INSECT BATS AND REPELLENTS

Testing new repellents in Karelia. A.S. Lutta and others. Ent. oboz. 45 no. 2:317-325 '66.

KARELIA—WORLD WAR, 1939-1945

[Heroes of the Soviet land] Geroi zemli sovetskoi. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 341 p. (VIU)

KARDA DAM

Karda for the Africans! L. Aleksandrov. Az. i Afr. seg. 10 no. 7:10-11 Ji '66.

KARST see subdivision under Kazanka Valley (Tatar A. S. S. R.)

KARYOKINESIS

Autoradiographic study of proliferative processes in the histogenesis of the liver in rats. N.D. Gracheva. Arkh. anat., gist. i embr. 50 no. 5:36-46 My '66.

Differential sensitivity of the phases of the mitotic cycle to the action of temperature in two types of cell populations in one-day-old rats. G.S. Lebedeva, A.A. Zavarzin. Arkh. anat., gist. i embr. 50 no. 5:21-28 My '66.

Diurnal mitotic rhythm in the epithelium of gastric mucosa in rats. L.B. Khukina. Vop. onk. 12 no. 6: 64-67 '66.

Diurnal rhythm of the mitotic activity in some tissues of young white rats. R.I. Bogatova-Nikonorova. Biol. eksp. biol. i med. 61 no. 5:110-112 Ay '66.

Effect of temperature on the mitotic cycle of nephron cells. A.V. Diment. Arkh. anat., gist. i embr. 50 no. 5:29-33 My '66.

Mitogenic radiation of the myocardium in animals. A.A. Gurvich, V.P. Eremeev. Biol. eksp. biol. i med. 61 no. 5:56-58 Je '66.

Synchronization of mitosis in tissue cultures. F.V. Sushkov, T.N. Nadezhkina, V.A. Sokova. Vop. vet. virus. 2:86-89 '66.

Synthesis of deoxyribonucleic acid and the multiplication of nuclei during the development of smooth muscles. G.A. Dubinko. Arkh. anat., gist. i embr. 50 no. 5:47-53 My '66.

KASHIRA (MOSCOW PROVINCE)—BRIDGES

Bridge over Oka River on the Moscow-Volograd highway. S.V. Trilovskii, N.A. Zakharov. Avt. dor. 29 no. 2:9-11 F '66.

KASHIRA (MOSCOW PROVINCE)—BRIDGES—DESIGN AND CONSTRUCTION

A gift to the party congress. N. Lohas. Avt. dor. 29 no. 2:2 F '66.

KATUN' VALLEY—BOULDERS

Drift accumulated by river ice in the Gornyy Altai. V.M. Ostrovskiy. Izv. Alt. otd. geog. ob-va SSSR no. 2:100-101 '63.

KATUN' VALLEY—ICE ON RIVERS, LAKES, ETC.

Buried icing in the basin of the Katun' River. I.A. K. Bashlakov. Izv. Alt. otd. geog. ob-va SSSR no. 2:102-104 '63.

KAVTARADZE, PETR PAVLOVICH, 1880-1966

P. P. Kavtaradze: an obituary. Zhur. nevr. i psikh. 66 no. 7:1124-1125 '66.

KAZAKH LITERATURE—HISTORY AND CRITICISM

Galdirov, I. Kh. [M. Gor'ki and Soviet Kazakh literature] M. Gor'ki i kazakhskaya sovetskaya literatura. Alma-Ata, Nauka, 1966. 248 p.

KAZAKHS

Masannov, E.A. [Outline history of the ethnographic study of the Kazakh people in the U.S.S.R.] Ocherk istorii etnograficheskogo izucheniya kazakhskogo naroda v SSSR. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 321 p.

KAZAKHSTAN—AGRICULTURAL GEOGRAPHY

Conference on the geographical regionalization of Central Asia and Kazakhstan for agricultural purposes. N.A. Kogal. Izv. AN SSSR. Ser. geog. no. 3:141-142 My-Je '66.

KAZAKHSTAN—APHID FLIES

New species of the genus Leucopis (Diptera, Chamaemyiidae) from southeastern Kazakhstan. V.N. Tana-shtchuk. Trudy Zool. inst. 37:233-236 '66.

KAZAKHSTAN—ATMOSPHERIC TEMPERATURE

Formation of extremely warm and cold autumn months in Western Siberia and northern Kazakhstan. A.V. Babkin. Trudy TSIP no. 147:138-154 '66.

Method of forecasting anomalies of the air temperature for the autumn months in Western Siberia and northern Kazakhstan. A.V. Babkin. Trudy TSIP no. 153:3-21 '66.

Physicostatistical method of forecasting air temperature anomalies in Western Siberia and northern Kazakhstan during the autumn months. A.V. Babkin. Trudy TSIP no. 153:90-95 '66.

KAZAKHSTAN—BARLEY

Growth and development of spring barley as related to the planting time in unimproved dry areas. A.I. Titov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6: 109-111 Je '66.

KAZAKHSTAN—BAUXITE

Pattern arrangement in prospecting for bauxite deposits in Kazakhstan. G.R. Kirpal'. Razved. i okh. nedr. 32 no. 5:19-24 My '66.

KAZAKHSTAN—BOOKSTORES

There should be a bookstore on each collective and state farm. Zh. Tyayshbaev. Knizh. tor. 17 no. 6: 23 Je '66.

KAZAKHSTAN—CAPITAL

Ashimbaev, T.A. [Labor productivity and the use of capital assets in the industry of Kazakhstan] Ispol'zovanie osnovnykh fondov i proizvoditel'nost' truda v promyshlennosti Kazakhstana. Alma-Ata, Kazakhstan, 1966. 178 p.

KAZAKHSTAN—CERAMIC INDUSTRIES

Raw material supply for the ceramic industries of Kazakhstan. A.E. Sukhanov. Vest. AN Kazakh SSR. 22 no. 6:13-18 Je '66.

KAZAKHSTAN—CERATOPOGONIDAE

New and little-known species of bloodsucking midges (Diptera, Ceratopogonidae) from Kazakhstan. A.V. Gutsevich, Zh.S. Smatov. Trudy Inst. zool. AN Kazakh SSR 23:65-77 '66.

KAZAKHSTAN—CHEMICAL ENGINEERING—STUDY AND TEACHING

Technological progress and the planning of higher education. S.T. Suleimenov. Vest. vys. shkol. 24 no. 6:7-11 Je '66.

KAZAKHSTAN—CLAY

Raw material supply for the ceramic industries of Kazakhstan. A.E. Sukhanov. Vest. AN Kazakh SSR. 22 no. 6:13-18 Je '66.

KAZAKHSTAN—COPPER ORES

Native copper in the volcanic formations of eastern Kazakhstan. A.K. Kaimov, V.A. Kim, L.A. Mitroshinchenko. Vest. AN Kazakh SSR 22 no. 6:81-82 Je '66.

KAZAKHSTAN—CORALS, FOSSIL

Bykova, M.S. [Lower Carboniferous corals of eastern Kazakhstan] Nizhnemennougl'nye korally Vostochnogo Kazakhstana. Alma-Ata, "Nauka", Kazakhskoi SSR, 1966. 213 p.

KAZAKHSTAN—DAIRY CATTLE BREEDING

Practices in developing a herd with high butterfat percentage. V.P. Flerinskii. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:30-33 My '66.

KAZAKHSTAN—EVAPORATION (METEOROLOGY)

Evaporation of moisture in dry-farming on steppe soils. M.I. Rubinshtein. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6:24-28 Je '66.

KAZAKHSTAN—FLOTATION—EQUIPMENT AND SUPPLIES

Elaborating the flow sheet for the dressing of the Dzhalikratskiy deposit ores. V.I. Dukhanin, M.D. Shtern. Dob. i obog. rud. tsvet. met. no. 3:34-37 '64.

KAZAKHSTAN—FOREST MANAGEMENT

Characteristics of the management of forest plantations in the fir zone of the Altai within Kazakhstan. I.U. E. Vishniakov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6: 74-76 Je '66.

KAZAKHSTAN—FRUIT—DISEASES AND PESTS

The bud moth Tmetocera ocellana F., a pest in orchards of southern Kazakhstan. I.U. P. Gudkov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:98-100 My '66.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Chetverikova, N.P., and others. [Stratigraphy and fauna of Silurian and Lower Devonian sediments of the Nurinsk syncline] Stratigrafia i fauna silurskikh i nizhnemennougl'nykh Nurinskogo sinklinoria. [Moskva, Izd-vo Mosk. univ., 1966. 265 p. (Materialy po geologii Tsentral'nogo Kazakhstana, vol. 6)]

KAZAKHSTAN—GEOLOGY, STRUCTURAL

Basic features of the geological structure of the buried Pre-Mesozoic basement north and northwest of the Kokchetav block. O.D. Ivanov, M.I. Melent'ev. Vest. AN Kazakh SSR 22 no. 6:59-64 Je '66.

KAZAKHSTAN—HYDROELECTRIC POWER STATIONS—COLD WEATHER OPERATION

Zhulaev, A. Zh., and T.S. A. Nazarov. [Cold weather operation of diversion-hydroelectric power stations on mountain rivers in Kazakhstan] Zimnlala eksploatatsiya derivatsionnykh GES na gornyykh rekakh Kazakhstana. Pod red. V.P. Zakharova. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1963.

KAZAKHSTAN—IRRIGATION—ECONOMIC ASPECTS

Irrigation and the economic aspects of farming. T.K. Abilshov, O.I. Perminkova, I.G. Temreshev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6:7-11 Je '66.

KAZAKHSTAN—LABOR PRODUCTIVITY

Ashimbaev, T.A. [Labor productivity and the use of capital assets in the industry of Kazakhstan] Ispol'zovanie osnovnykh fondov i proizvoditel'nost' truda v promyshlennosti Kazakhstana. Alma-Ata, Kazakhstan, 1966. 178 p.

KAZAKHSTAN—LAKES

Absorption of solar radiation by the water masses of some lakes of Kazakhstan belonging to various types. L.S. Aleksandrova. *Izv. Vses. geog. ob-va* 98 no. 3: 250-264 My-Je '66.

KAZAKHSTAN—LEGUMES—ANALYSIS

Chemical composition of annual legumes grown in northern Kazakhstan. A.A. Shepelev. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 5:66-75 My '66.

KAZAKHSTAN—MARES

Physiological evaluation of new apparatus for mare milking. Kh. Dusembin, B. Abayev. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 5:73-80 My '66.

KAZAKHSTAN—MERCURY ORES

Prospecting for mercury deposits in the plain regions of northern and central Kazakhstan. V.E. Polakov. *Razved. i okh. nedr.* 31 no. 10:8-8 O '66.

KAZAKHSTAN—MERINO SHEEP—FEEDING AND FEEDS

Development of hair follicles in the south Kazakh Merino sheep as related to the conditions of feeding. G.N. Korynizov, L.I. Tsol, S.A. Tleuberdiev. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 6:83-86 Je '66.

KAZAKHSTAN—MOSQUITOES

Bloodsucking mosquitoes of Kazakhstan. N.S. Zhuk, A.M. Dubitskii. *Trudy Inst. zool. AN Kazakh. SSR.* 25:29-36 '66.

Bloodsucking mosquitoes of northern Kazakhstan. I.G. Prygunova. *Trudy Inst. zool. AN Kazakh. SSR* 25:45-51 '66.

KAZAKHSTAN—MUSCIDAE

Ecology of bloodsucking flies (Diptera, Muscidae) of southeastern Kazakhstan. B.M. Ikhunin. *Trudy Inst. zool. AN Kazakh. SSR* 25:121-123 '66.

KAZAKHSTAN—NATURAL RESOURCES

Chupakhin, V.M. [From deserts to snow-capped summits] *Ol' pustyn' do snezhnykh vershin.* Alma-Ata, Izd-vo "Kazakhstan," 1966. 193 p.

KAZAKHSTAN—NIOBIUM

Niobium in the intrusive rocks of the Kokchetav upland (Kazakhstan). A.M. Podolskii, V.I. Serykh. *Geokhimiia* no. 10:1037-1042 O '64.

KAZAKHSTAN—PALEONTOLOGY, STRATIGRAPHY

Chetverikova, N.P., and others. [Stratigraphy and fauna of Silurian and Lower Devonian sediments of the Nurinsk synclinalium] *Stratigrafiia i fauna silurskikh nizhnedevonskikh otlozhenii Nurinskogo sinklinoria.* [Moskva, Izd-vo Mosk. univ., 1966. 255 p. (Materialy po geologii Tsentral'nogo Kazakhstana, vol. 6)]

KAZAKHSTAN—PARASITES—ANTS

Secondary host of *Dicrocoelium lanceatum* Stiles et Hassal 1896 in southeastern Kazakhstan. D.K. Karaboev, I.S. Dementiev. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 5:44-46 My '66.

KAZAKHSTAN—PARASITES—SCALE INSECTS

Fungus weevils (Coleoptera, Anthribidae), the pests of scale insects (Homoptera, Coccoidea) in eastern Kazakhstan. G.I. Matesova. *Ent. obozr.* 45 no. 2: 259-260 '66.

KAZAKHSTAN—PHYSICAL GEOGRAPHY

Chupakhin, V.M. [From deserts to snow-capped summits] *Ol' pustyn' do snezhnykh vershin.* Alma-Ata, Izd-vo "Kazakhstan," 1966. 193 p.

KAZAKHSTAN—POTATOES—DISEASES AND PESTS

Effect of some virus diseases on the yield and quality of potatoes in mountain areas. Z.N. Eliseeva, E.D. Korzunova. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 6:33-36 Je '66.

KAZAKHSTAN—PROSPECTING

Pattern arrangement in prospecting for bauxite deposits in Kazakhstan. G.R. Kirpal'. *Razved. i okh. nedr.* 32 no. 5:10-24 My '66.

KAZAKHSTAN—RAMS—FEEDING AND FEEDS

Protein in rations for Kazakh fine-wool ram lambs. V.A. Plotnikov. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 5:40-44 My '66.

KAZAKHSTAN—REED (BOTANY)

Effectiveness of the tillage and planting methods for agricultural crops in controlling the common reed. Kh.R. Aryngaziev. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 5:86-88 My '66.

KAZAKHSTAN—RELATIONS (GENERAL) WITH RUSSIA

A group of Moscow scientists at the Academy of Sciences of the Kazakh S.S.R. *Vest. AN Kazakh. SSR* 22 no. 6: 3-7 Je '66.

KAZAKHSTAN—ROAD CONSTRUCTION

National duty. F. Nikolaeva. *Avi. dor.* 20 no. 2:2 F '66.

KAZAKHSTAN—SHEEP BREEDING

Examining the fleece of unimproved kurdruk and Saradzha sheep and their crosses. O. Denisova, V. Kuzina, L. Sovetkina. *Trudy Mosk. vet. akad.* 14:240-242 '66.

KAZAKHSTAN—SOLAR RADIATION

Absorption of solar radiation by the water masses of some lakes of Kazakhstan belonging to various types. L.S. Aleksandrova. *Izv. Vses. geog. ob-va* 98 no. 3: 250-264 My-Je '66.

KAZAKHSTAN—STRIP MINING

Determining the economic efficiency of strip mining of the "Tishinskoye" deposit. I.A. M. Adilgambetov and others. *Dob. i obog. rud. tsvet. met.* no. 3:8-11 '64.

KAZAKHSTAN—SWINE

Some problems of specialization on state swine farms in our republic. A. Gusev. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 6:3-6 Je '66.

KAZAKHSTAN—WATER—COMPOSITION

Characteristics of the concentration of fluorine in water in the regulation of surface runoff under conditions of central Kazakhstan. L.N. Krepkogorskii. *Gidrokhim. mat.* 39:74-84 '65.

KAZAKHSTAN—WEEVILS

Fungus weevils (Coleoptera, Anthribidae), the pests of scale insects (Homoptera, Coccoidea) in eastern Kazakhstan. G.I. Matesova. *Ent. obozr.* 45 no. 2: 259-260 '66.

New species of the genus *Aplon Herbst* (Coleoptera, Curculionidae) in the U.S.S.R. M.E. Ter-Minasyan. *Trudy Zool. inst.* 37:100-101 '66.

KAZAKHSTAN—WHEAT BREEDING

Increasing the yield and quality of the grain in breeding spring wheat. V.I. Kandaurov. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 6:12-17 Je '66.

KAZAKHSTAN—WINDS

Study of the statistical structure of the wind field in Central Asia and in the south of Kazakhstan. Z.G. Apsallanova. *Meteor. i gidrol.* no. 6:36-40 Je '66.

KAZAN—FUR GARMENTS

Profit depends on us. G. Kostina. *Sov. profsoyuz* 22 no. 13:11-12 Ji '66.

KAZAN—UNIVERSITIES AND COLLEGES

Louis Pasteur, Honorary Member of Kazan University: on the 70th anniversary of his death. V.V. Snodkova, N.I. Zhuchkova. *Zhur. mikrobiol., epid. i immun.* 43 no. 5:150-152 My '66.

KAZANKA VALLEY (TATAR A. S. S. R.)—KARST

Karst-erosional trenches in the lower Kazanka Valley. M.S. Kaveev, V.E. Levitskii. *Izv. Vses. geog. ob-va* 98 no. 2:169-173 Mr-Apr '66.

KELL', NIKOLAI GEORGIEVICH, 1883-1965

Nikolai Georgievich Kell'. A.I. Baranova and others. *Izv. Vses. geog. ob-va* 98 no. 3:271-272 My-Je '66.

KELMANSEGG, JOHANN ADOLF VON, 1906-

People and events: Koca Popovic; Janos Peter; Johann Adolf von Kelmanssegg. *Nov. vrem.* 24 no. 30:4, 0, 30 Ji '66.

KELME DISTRICT—COLLECTIVE FARMS—ACCOUNTING

How we try to improve the accounting on collective farms. I. Simankunas. *Vest. stat.* no. 7:63-64 '66.

KEMCHIK VALLEY—ANTIQUITIES

Tuvin'skaya kompleksnaya arkhologo-etnograficheskaya ekspeditsiya, 1959-1960. [Transactions of the Tuva Joint Archaeological-Ethnological Expedition, 1959-1960] *Trudy. Moskva, Nauka.*

Vol. 2. [Materials on the ethnology and archaeology of the Kemchik River basin regions] *Materialy po etnografii i arkhologii raiionov basseina r. Khemchika.* 1966. 357 p. illus.

KEMCHIK VALLEY—ETHNOLOGY

Tuvin'skaya kompleksnaya arkhologo-etnograficheskaya ekspeditsiya, 1959-1960. [Transactions of the Tuva Joint Archaeological-Ethnological Expedition, 1959-1960] *Trudy. Moskva, Nauka.*

Vol. 2. [Materials on the ethnology and archaeology of the Kemchik River basin regions] *Materialy po etnografii i arkhologii raiionov basseina r. Khemchika.* 1966. 357 p. illus.

KENYA—MANUFACTURES

The manufacturing industry of Kenya. Uganda. and the United Republic of Tanzania. *BIK I [Prilozh.]* no. 5: 15-35 Ji '66.

KENYA—WAGES—PETROLEUM WORKERS

Petroleum workers of Kenya demand higher wages. V. Kharuzhenkov. *Neftianik* 10 no. 7:33-36 Ji '65.

KERAMZIT

Selecting cement for preheated casting of keramzit concrete. D.S. Mikhaylovskii, E.N. Melnikova, V.I. Soroker. *Stroi. mat.* 12 no. 2:21-23 F '66.

KERCH—CIVIL DEFENSE

If one works with enthusiasm. A. Val'chuk. *Voen. znani.* 42 no. 6:10 Je '75.

KETENE

Perfluorodimethylketene. Report No. 7: Dimer structure. L.L. Kuzmina and others. *Izv. AN SSSR. Ser. khim.* no. 6:1031-1038 '66.

KETONES

Adamantane and its derivatives. Part 7: Reactions of methyladamantyl-(1)-ketone. F.N. Stepanov, R.A. Myrulina. *Zhur. org. khim.* 2 no. 4:634-648 Ap '66.

Condensation of unsaturated ketones of the Δ^3 -cyclohexene and cyclohexene series with acetoacetic ester. G.P. Kugatova-Shemilakina, V.I. Vidugirenko. *Zhur. org. khim.* 2 no. 4:685-689 Ap '66.

Effect of solvents on the elementary reactions of chain propagation and termination in the oxidation of methyl ethyl ketone. G.E. Zulkov, Z.K. Maizus, N.M. Enameli. *Kin. i kat.* 7 no. 3:401-408 My-Je '66.

Hydrobromination of acetylenic ketones. L.F. Chelpanova, L.N. Mashtakovich. *Zhur. org. khim.* 2 no. 4: 692-697 Ap '66.

Isolation of methyl ethyl ketone and ethyl acetate from a mixture of products of n-butane liquid-phase oxidation. B.B. Chizhov and others. *Neftokhimiia* 6 no. 2:211-215 Mr-Apr '66.

Preparation of β -ketoacetal of the Δ^3 -cyclohexene and cyclohexene series. G.P. Kugatova-Shemilakina, V.I. Vidugirenko. *Zhur. org. khim.* 2 no. 4:692-695 Ap '66.

KHABAROVSK—BOOKSTORES

All bookshelves should know the results of valuable experience. I.A. Treilger. *Kufzh. torg.* 17 no. 6:10 Je '66.

KHABAROVSK—WORKS COUNCILS

Don't command, convince. A. Mikhalev. *Sov. profsoyuz* 22 no. 11:20-21 Je '66.

KHAJAN-KORT OIL FIELD—ROCKS, CARBONATE

Results of studying Upper Cretaceous carbonate rocks in the Khajan-Kort. A.D. Vozitova, V.D. Skarlatina. *Azerb. neft. khoz.* 45 no. 5:8-10 My '66.

KHAKASS AUTONOMOUS PROVINCE—SHEEPSHEARING—EQUIPMENT AND SUPPLIES

On the purchasing of electric sheepshearing units. V. Arkhipov, V. Konig. *Tekhn. v sel'khoz.* 25 no. 3:85-86 Mr '66.

KHAMAR-DABAN RANGE—BEARS

Brown bear in the pine ridge of Transbaikalia. M.P. Tarasov. *Prirada* 55 no. 6:127-128 '66.

KHAMAR-DABAN RANGE—GAME AND GAME BIRDS

Game animals of the western Khamar-Daban. M.P. Tarasov. *Uch. zap. Bur. gos. ped. inst.* no. 24:91-100 '61.

KHARKOV—ARTIFICIAL SATELLITES—TRACKING

Investigation of the performance of the shutter of the NAR-3e/23 camera and the accuracy of timing of artificial earth satellites at the Kharkov station. P.P. Pavlenko. *Radiotekhn. i elektronika* no. 10:16-17 '64.

KHARKOV—HYDRAULIC TURBINES

Determining demands for materials in small lot production. A. Gien'. *Plan. khoz.* 43 no. 7:82-84 Ji '66.

KHARKOV—MACHINERY—TESTING

The testers. V. Nikulina. *Zakup. sel'khoz. prod.* no. 5: 57-59 My '66.

KHARKOV—ROOFS, SUSPENSION

Vasil'ov, V.G., and others. [Saddle-shaped suspension roof] *Vishistee sedyobraznoye pokrytie.* Kiev, Inzh. vel'nyk, 1965. 75 p.

KHARKOV PROVINCE—BLISTER BEETLES

Fauna of blister beetles (Meloidae) in Kharkov Province. G.N. Levchinskaya. *Uch. zap. KHGU* 140:157-160 '63.

KHARKOV PROVINCE—CONTRACTS, AGRICULTURAL

Cooperators fulfill their obligations on contractual agreements. S. Damesh. *Zakup. sel'khoz. prod.* no. 5:15-16 My '66.

KHARKOV PROVINCE—MINERAL WATERS

Zotenskii, N.M. [Berezovskiy mineral waters, "the springs of health"] *Rodniki zdorov'ia "Berezovskie mineralnye vody."* 2, izd., perer. i dop. Kharkov, Prapor, 1965. 142 p.

KHARKOV PROVINCE—PARASITES—LEECHES

Helminths of leeches of the Northern Donets River and floodplain bodies of water of its valley in Kharkov Province. N.N. Shevchenko. *Uch. zap. KHGU* 140:67-74 '63.

KHARKOV PROVINCE—WORMS, INTESTINAL AND PARASITIC

Helminths of leeches of the Northern Donets River and floodplain bodies of water of its valley in Kharkov Province. N.N. Shevchenko. *Uch. zap. KHGU* 140:67-74 '63.

KHASAN LAKE REGION—ROBBER FLIES

New species of robber flies of the genus *Damalis* Fabr. (Diptera, Asilidae) in the U.S.S.R. V. A. Rikhter, *Trudy Zool. inst.* 37:237-239 '66.

KHERASKOV, NIKOLAI PAVLOVICH, 1906-1965

In memory of Nikolai Pavlovich Kheraskov, *Izv. AN SSSR, Ser. geol.* 31 no. 6:114-116 Je '66.

KHERSON PROVINCE—FARMHOUSES—DESIGN AND CONSTRUCTION

Industrial construction of dwellings for rural settlers. I. Prokhorenko. *Sti. bud.* 14 no. 11:13 N '64.

KHERSON PROVINCE—POLITICS AND GOVERNMENT

Carrying out the instructions of voters. V. Serzhantov, *Rad. pravo* 29 no. 5:18-20 My '66.

KHERSON PROVINCE—SARMATIAN ANTIQUITIES

A Sarmatian burial in the Belozersk District of KherSON Province. A. R. Virlych. *Arkheologiya* 19:177-178 '63.

KHMELETSKIY PROVINCE—SCYTHIAN ANTIQUITIES

A Scythian amulet. I. S. Vynokur, H. M. Kholin. *Arkheologiya* 19:118-121 '65.

KHOLODOVICH, ALEKSANDR ALEKSEEVICH, 1906-

Aleksandr Alekseevich Kholodovich, G. F. Rachkov, S. E. Iakhontov. *Nar. Az* 1 Afr. no. 3:212-215 '66.

KHOLODOVICH, ALEKSANDR ALEKSEEVICH, 1906- BIBLIOGRAPHY

see Bibliography—Kholodovich, Aleksandr Alekseevich, 1906-

KHOPER RESERVE—MEASURING WORMS

Biology of the measuring worm *Phigalia pectaria* in forests of the Khoper State Reserve. M. A. Golosova. *Skor. rab. MLTI* no. 11:23-41 '64.

KHOROL (UKRAINE)—PUNCHED CARD SYSTEMS—

AGRICULTURAL MACHINERY INDUSTRY

Machine accounting for materials and equipment in organizations of the "Sel'khoztekhnik" system. N. Indenbaum. *Vest. stat.* no. 6:63-68 '66.

KIDNEY FUNCTION TESTS

Changes in the function of kidneys and cardiovascular system in hemorrhagic fever with the renal syndrome. G. S. Mironov, V. V. Akhmetiev, V. A. Pakhov, *Voen.-med. zhur.* no. 6:77-79 Je '66.

Effect of diaphylline on the osmoregulating function of the kidney in dogs. IU. V. Natchin, M. M. Sokolova, *Biol. eksp. biol. i med.* 61 no. 6:15-19 Je '66.

Functional changes in the kidneys in obstructive jaundice. G. V. Kakhidze. *Trudy inst. eksp. i klin. khir. i gemat. AN Gruz. SSR* 8:195-200 '65.

KIDNEYS

Cytological changes in the uriniferous tubules of mice under conditions of dehydration, antidiuresis, and osmotic diuresis. V. G. Petrova. *Ark. anat., gist. i embr.* 50 no. 5:81-88 My '66.

KIDNEYS—DISEASES

Serodiagnosis of amyloid nephrosis. A. A. Aivazian, S. A. Petrosian. *Zhur. eksper. i klin. med.* 6 no. 2: 86-89 '66.

Study of an outbreak of hemorrhagic fever with the renal syndrome. G. V. Shitenderenko and others. *Voen.-med. zhur.* no. 6:61-62 Je '66.

KIDNEYS—INNERVATION

Afferent impulses in kidney nerves under the influence of some chemical substances. IU. L. Pines. *Trudy Inst. fiziol.* 11:443-447 '65.

KIEV—ANTIQUITIES

The oldest chessman and checkers from Kiev. H. M. Shovkoplias. *Arkheologiya* 19:196-200 '65.

KIEV—EXCAVATIONS (ARCHAEOLOGY)

City gate of the tenth century in Kiev. I. M. Samoilovskiy. *Arkheologiya* 19:183-188 '65.

KIEV—INSCRIPTIONS

Vysotskii, S. A. [Old Russian inscriptions in the St. Sophia Cathedral in Kiev from the 11th to 14th centuries] *Drevnerusskie nadpisi Sofii Kievskoi, XI-XIV vv. Kiev, Naukova dumka.* No. 1. 1966. 237 p. illus.

KIEV—LIGHTNING

Characteristics of thunderstorms in Kiev in 1964 according to instrumental observations. V. P. Kolokolov, V. A. Kamyshanova. *Trudy GGO* no. 188:11-14 '66.

KIEV HYDROELECTRIC POWER STATION

Khyzhniak, Anton. [The unique Kiev Hydroelectric Power Station; a sketch] *Kyivs'ka unikal'na; narys. Kyiv, Radians'kii pismennyk*, 1962. 34 p. (CaOTU)

KIEV PROVINCE—ARCHIVES

Kiev (Province) Oblastnoi gosudarstvennyi arkhiv. [Guidebook to the Kiev Province State Archives] *Putevoditel'. Kiev, Izd-vo polit. lit-ry Ukrainy*, 1965. 410 p. (NNC)

KIEV PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Basic results of the field studies of 1962-1964 in Kiev Province. D. Ia. Telehin. *Arkheologiya* 19:86-89 '65.

KIEV PROVINCE—TREES

Dynamics of the seasonal increment of some trees. M. I. Hordtchenko. *Ukr. bot. zhur.* 23 no. 3:44-49 '66.

KIMBERLITE

(see also subdivision under Yakutia)

Matan'in, M. I., and R. M. Matan'in. [Sampling of kimberlites] *Oprobovanie kimberlitov*. Moskva, Nedra, 1966. 163 p.

KILNS, ROTARY

Optimization of high-temperature processes in rotary kilns. S. I. Vol'kovich, V. B. Zemel'man, *Zhur. prikl. khim.* 39 no. 5:1056-1065 My '66.

KINDERGARTEN see subdivision under Moscow Province

KINEL' (KUYBYSHEV PROVINCE)—PLANT BREEDING

Brief results of the breeding work of the Kinel' Breeding Station. N. S. Shchibaev. *Izv. Kuib. SKKH* 17:3-12 '65.

KINEL' (KUYBYSHEV PROVINCE)—WHEAT BREEDING

Brief results of the breeding of winter wheat at the Kinel' Breeding Station. V. F. Ivanikov. *Izv. Kuib. SKKH* 17:13-19 '65.

Producing parent material for winter wheat breeding at the Kinel' Breeding Station. V. F. Ivanikov. *Izv. Kuib. SKKH* 17:20-22 '65.

World collection of wheat as valuable parent material for breeding. N. I. Glukhovtseva. *Izv. Kuib. SKKH* 17:23-26 '65.

KINEL'—CHERKASSY LOWLAND—DRILLING MUDS

Industrial experiment in stabilizing drilling muds, using "okzil". V. D. Nazarova and others. *Burente* no. 5:9-10 '66.

KIRGHIZISTAN—COLLECTIVE FARMS

Dushomallov, Tashan. [Outline history of the collectivization of the agriculture of Kirghizistan] *Ocherk istorii kollektivizatsii sel'skogo khoziaistva Kirgizii*. Frunze, Ilim, 1965. 202 p. (CU)

KIRGHIZISTAN—FUNGI, PHYTOPATHOGENIC

Akademiia nauk Kirgizskoi SSR, Frunze. *Institut biologii* [Fungus diseases of agricultural plants in Kirghizistan] *Gribnye bolezni sel'skokhoziaistvennykh kul'tur v Kirgizii*. Frunze, Ilim, 1966. 111 p. (DNAL)

KIRGHIZISTAN—GEOGRAPHICAL SOCIETIES

The Kirghiz Branch of the Geographical Society of the U.S.S.R. is 17 years old. S. U. Umurzakov, L. N. Iakhontova. *Izv. Kir. fil. Geog. ob-va SSSR* no. 5:85-89 '65.

KIRGHIZISTAN—GRAIN—IRRIGATION

Efficiency of grain production on the irrigated lands of Kirghizistan. V. Volodin. *Vest. stat.* no. 6:17-25 '66.

KIRGHIZISTAN—LANDSCAPE GARDENING

Kryvosheeva, L. S., IU. S. Pototskaya and E. N. Shubina. [Flow [Flowering ornamental plants for landscaping populated places in Kirghizistan] *Tsvetochno-dekorativnye rasteniia, dlia ozeleneniia naselennykh punktov Kirgizii*. Frunze, Akad. nauk Kirgizskoi SSR, 1966. 19 p. (DNAL)

KIRGHIZISTAN—LIBRARIES

[Our mutual friend; from the practice of library work] *Nash obshchii drug; iz opyta biblioteknoi raboty*. Frunze, Kirgizskos gos. izd-vo, 1962. 125 p. (IUU)

KIRGHIZISTAN—LIBRARY SCIENCE

On the trail of our methodological and bibliographical reference manuals. L. Gruzina. *Bibliotekar'* 43 no. 8:34-35 Je '66.

KIRGHIZISTAN—POLITICS AND GOVERNMENT

Conception of the "Soviet state" of the nations of the U.S.S.R. A. V. Radvugin. *Sov. gos. i pravo* 36 no. 7: 129-132 Ji '66.

KIRGHIZISTAN—POPULATION

Some changes in the geography of the population of the Kirghiz S.S.R. G. S. Gushin. *Izv. Kir. fil. Geog. ob-va SSSR* no. 6:67-71 '65.

KIRGHIZISTAN—TORYMIDAE

New species of the genus *Megastigmus* Dalm. (Hymenoptera, Torymidae) from the seeds of *Juniperus semi-globosa* Rgl. M. N. Nikol'skaya. *Ent. oboz.* 45 no. 2: 411 '66.

KIRGHIZISTAN—TRIBES AND TRIBAL SYSTEM

P. P. Semenov-Tian-Shanskii on the legal relations of the Kirghiz tribes. S. Kozhonaiev. *Izv. Kir. fil. Geog. ob-va SSSR* no. 5:91-93 '65.

KIRGHIZISTAN—VIEWS

Beautiful mountains and bountiful valleys. *Sov. prof. soluzi* 22 no. 10:24-26 My '66.

KIROV—LIBRARIES—BRANCHES, DELIVERY STATIONS, ETC.

According to a universal plan. L. Goncharova. *Bibliotekar'* 43 no. 5:44-45 Ji '66.

KIROV PROVINCE—ATHEISM—STUDY AND TEACHING

Attack with all the might of the ideological means. V. Trushin. *Agitator* no. 18:41-44 Ag '64.

KIROV PROVINCE—EDUCATION

At the session of a province soviet. M. Fedin. *Nar. obr.* no. 7:122 Ji '66.

KIROV PROVINCE—GRAIN—DRYING

From the practice of the installation and operation of the automatic thermal grain dryers in Kirov Province. A. Shvarts. *Muk. elev. prom.* 32 no. 5:10-11 My '66.

KIROV PROVINCE—SECONDARY RECOVERY OF OIL

Selection and effectiveness of artificial methods to be used in producing wells in fields of the Oil Field Administration of the Kirov Petroleum Trust. G. S. Aiello, N. D. Mamedov. *Azerb. neft. khoz.* 45 no. 5: 33-35 My '66.

KIROV PROVINCE—TECHNICAL LIBRARIES

How we help to develop the mass movement of inventors and efficiency experts. S. A. Napolskii, V. I. Kobel'kova. *Bibliot. SSSR* no. 30:35-45 '65.

KIROVAKAN—CHEMICAL INDUSTRIES

Saved 270,000 rubles. V. Beliaevskii. *Prom. Arm.* 9 no. 6:53-54 '66.

KIROVAKAN—MACHINE—TOOL INDUSTRY

Adaption of new models of machine tools. S. Kochurlian. *Prom. Arm.* 9 no. 6:50-51 '66.

KIROVOGRAD—GRAIN—ANALYSIS AND CHEMISTRY

Benefits of the correct disposition of forces. B. Sil'vchak. *Zakup. sel'khoz. prod.* no. 5:35-37 My '66.

KIROVOGRAD PROVINCE—COLLECTIVE FARMS—

LABOR PRODUCTIVITY
As always, work remains the criterion; notes of an agitator's talk. *Agitator* no. 16:12-13 Ag '64.

KIROVOGRAD PROVINCE—OFFENSES AGAINST

SOCIALIST PROPERTY
Soviets as the guardians of socialist property. A. Kovalenko. *Rad. pravo* 29 no. 5:20-21 My '66.

KISHINEV—COMMUNISM

Kishinev. *Universitet*. [The subject of scientific communism; a textbook for students of the Kishinev State University] *Predmet nauchnogo kommunizma; uchebno-metodicheskoe posobie dlia studentov KGU*. Kishinev, 1965. 14 p. (CST-H)

KISHINEV—RESEARCH

Kishinev. *Universitet*. [Scientific session of the professors, instructors, and coworkers of the University, devoted to the results of research activity in 1964; summaries of reports] *Nauchnaia sessiia profesorovskopredovatel'skogo sostava i sotrudnikov Universiteta, posviashchennaiia itogam nauchnoi deiatel'nosti za 1964 god; tezisy dokladov*. Kishinev, 1965. 452 p. (RPB)

KITSMAN' DISTRICT—TRADE UNIONS

The sower. I. Lukina. *Sov. prof. soluzi* 22 no. 13:10-21 Ji '65.

KIZEL BASIN—COAL MINES AND MINING—COSTS

Lining and maintenance of workings in the Kizel Basin. G. V. Rogozhin, I. S. TSukerman. *Shakht. stroit.* no. 5: 9-12 My '66.

KIZEL BASIN—COAL MINES AND MINING—FIRES

AND FIRE PREVENTION
Measures for the prevention of spontaneous fires and their extinguishing in dump piles at Kizel Basin coal mines. L. V. Kucherleski, D. P. Kostrov, V. N. Vlasov. *Ugol'* 41 no. 6:66-68 Je '66.

KIZIL KUM see Kyzyl Kum

KLAIPEDA REGION—MARINE SEDIMENTS

Calculation of sediment transportation along the coast. A. Ia. Shvartsman, A. I. Makarova. *Trudy GGI* no. 132: 57-67 '66.

KLINEFELTER'S SYNDROME

Klinefelter's disease and oligospermia. N. N. Timofeev and others. *Zhur. nevr. i psikh.* 66 no. 7:1046-1050 '66.

KLINEFELTER'S SYNDROME (Continued)

Some mental characteristics of patients with Klinefelter's syndrome. M.M. Radtskaia, K.N. Grinberg. Zhur. nerv. i psikh. 66 no. 7:1050-1053 '66.

KLYSTRONS

Amplitude and phase fluctuations in a mixer-type transit klystron. S.A. Kornilov. Radiotekh. i elektron. 11 no. 7:1227-1237 J1 '66.

KLYUCHEVSKIY VOLCANO

Ring-fracture stopping in the crater of the Klyuchevskiy Volcano. V.A. Erinaev, S.M. Trubitsin. Biul. vulk. sta. no. 40:36-39 '66.

KNIT GOODS—TESTING

Effect of laundering on the wear of underwear knit fabrics. D.F. Simonenko, N.N. Pozhidaev. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 2:47-50 '66.

KNIT GOODS INDUSTRY—MANAGEMENT

Methodology of determining knit goods production volume in long range planning. L.L. Veiler. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 2:41-46 '66.

KNITTING MACHINES see subdivision under Germany, East

KNOWLEDGE, THEORY OF

Reflection of the elements and structure of phenomena in the forms of cognition. V.I. Sviderskii. Nek. vop. metod. nauch. issl. no. 1:137-159 '66.
Reinfeld, B.K. [Dialectics of the process of cognition] Dialektika protsessov poznaniia. Ioskar-Ola, Povolzhskii lesotekh. in-t, 1964. 66 p.
(CSI-II)

Statistics as a method of scientific epistemology. G.A. Polkorytov. Nek. vop. metod. nauch. issl. no. 1:39-62 '66.

Yakhomin, N.K. [The laws of dialectics are the laws of knowing] Zakony dialektiki - zakony poznaniia. Moskva, Nauka, 1966. 166 p.

KNOBANTS, IVAN LIUDVIGOVICH, 1906-

Academician Ivan Liudvigovich Knobants; on his sixtieth birthday. Zhur. VKHO 11 no. 3:320 '66.
I.L. Knobants; on his sixtieth birthday. Izv. AN SSSR. Ser. khim. no. 6:1 '66.

KOKCHETAV PROVINCE—CORN (MAIZE)

Effect of treating corn seeds with new compound preparations before sowing in the forest-steppe zone of Kokchetav Province. V.P. Kirillov. Vest. sel'khoz. nauk [Kazakh.] 9 no. 5:88-91 My '66.

KOKCHETAV PROVINCE—POPLAR

Variety testing of poplar in Kokchetav Province. N.I. Fishchenko. Vest. sel'khoz. nauk [Kazakh.] 9 no. 6:106-109 Je '66.

KOLA PENINSULA—GEOLOGY

Akademiia nauk SSSR. Kol'skii filial, Kirovsk. [Ancient volcanic-sedimentary and metamorphic complexes of the Kola Peninsula] Drevneishie osadochno-vulkanogennye i metamorficheskie kompleksy Kol'skogo polostrova. Moskva, Nauka, 1966. 117 p.

KOLA PENINSULA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the caving Imandra-Varzuga-Soanovka (Kola Peninsula). L.N. Potrubovitch, A.K. Simon. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:37-45 My-Je '66.

KOLA PENINSULA—GEOLOGY, STRUCTURAL

Akademiia nauk SSSR. Kol'skii filial, Kirovsk. [Geophysics and tectonics of the Kola Peninsula] Geofizika i tektonika Kol'skogo polostrova. Moskva, Nauka, 1966. 88 p.

KOLA PENINSULA—GEOPHYSICS

Akademiia nauk SSSR. Kol'skii filial, Kirovsk. [Geophysics and tectonics of the Kola Peninsula] Geofizika i tektonika Kol'skogo polostrova. Moskva, Nauka, 1966. 88 p.

KOLA PENINSULA—PETROLOGY

Akademiia nauk SSSR. Kol'skii filial, Kirovsk. [Ancient volcanic-sedimentary and metamorphic complexes of the Kola Peninsula] Drevneishie osadochno-vulkanogennye i metamorficheskie kompleksy Kol'skogo polostrova. Moskva, Nauka, 1966. 117 p.

KOLA PENINSULA—RESEARCH

Discussion of the activity of the Kola Branch. Vest. AN SSSR 35 no. 6:13-21 Je '66.

KOLA PENINSULA—VERMICULITE

Afanasyev, A.P. [Mineralogy of the Pre-Glacial weathering surface of the Kola Peninsula and vermiculite deposits confined to it] Mineralogiia doednikovoi kory vyvetrivaniia Kol'skogo polostrova i priurochennykh k nei mestorozhdenii vermiculita. Moskva, Nauka, 1966. 169 p.

KOLA PENINSULA—WEATHERING

Afanasyev, A.P. [Mineralogy of the Pre-Glacial weathering surface of the Kola Peninsula and vermiculite deposits confined to it] Mineralogiia doednikovoi kory vyvetrivaniia Kol'skogo polostrova i priurochennykh k nei mestorozhdenii vermiculita. Moskva, Nauka, 1966. 169 p.

KOLKHOZES see Collective farms

KOLOBOV, NIKOLAI VASIL'EVICH, 1901-1966

Nikolai Vasil'evich Kolobov, 1901-1966; obituary. Meteor. i gidrol. no. 6:71 Je '66.

KOMI A. S. S. R.—BIBLIOGRAPHY

[Literature on the Komí A. S. S. R. for 1964] Literatura o Komí ASSR za 1964 god. Syktyvkar, Komí knizhnoe izd-vo, 1965. 163 p.

KOMI A. S. S. R.—PETROLEUM MINING

Miners' and petroleum workers' slogan: "Learn to work and to live the communist way". N. Potetkurin, I. Dachmanov. Neftianik 10 no. 7:40-41 J1 '65.

KOMI A. S. S. R.—REINDEER

Reindeer breeders are cramped... in the taiga. IU. Semenov. Sov. profsojuzy 22 no. 10:28-29 My '66.

KOMSOMOLSK-ON-AMUR REGION—FRIGATE BIRDS

One more frigate bird. V.D. Iakhtov. Priroda 55 no. 7:67 '66.

KON, FELIKS IAKOVLEVICH, 1864-1941

Feliks Iakovlevich Kon as ethnographer. S.I. Vainstein. Trudy Inst. etn. 91:96-220 '65.

KONOSHA DISTRICT—FOREST WORKERS

Reach everybody. A. Temnokhud. Sov. profsojuzy 22 no. 13:27 J1 '66.

KONOVALOV, NIKOLAI VASIL'EVICH, 1900-1966

Nikolai Vasil'evich Konovalov; an obituary. Zhur. nerv. i psikh. 66 no. 7:1122-1124 '66.

KONSTANTINOV, FEDOR DENISOVICH

Kuznetsov, IU. P. [Fedor Denisovich Konstantinov] Fedor Denisovich Konstantinov. Moskva, Sovetskii khudozhnik, 1965. 103 p.
(NCU)

KOREA, NORTH—ECONOMIC ASSISTANCE, RUSSIAN

In the interest of peace and socialism; the Korean People's Republic. D. Usatov. Mezhdunar. zhizn' 13 no. 8:167-168 '66.

KOREA, NORTH—ECONOMIC CONDITIONS

The Korean People's Democratic Republic. Komm. Vooruzh. Sil. 47 no. 14:72-73 J1 '66.

KOREA, NORTH—FOREIGN RELATIONS—RUSSIA

Our comments. Nov. vrem. 24 no. 27:2-3 J1 '66.

KORENOVSK (KRASNODAR TERRITORY)—PRODUCE

Forward contractual agreement and sale above the plan. A. Nikitenko. Zakup. sel'khoz. prod. no. 5:12-14 My '66.

KOSH-AGACH DISTRICT—MARMOTS

Some observations of the marmots of Kosh-Agach District. G.A. Dorevshchikov. Izv. Alt. otd. Geog. ob-va SSSR no. 2:95-99 '63.

KOSTEL'NIK, GAVRIIL FEODOROVICH, 1886-1948

Protoseblyter Doctor Gavriil Kostel'nik, confessor of the Orthodoxy. Bishop Nikolai. Zhur. Mosk. Patr. no. 4:50-61 '66.

KOSTROMA—FLAX INDUSTRY

An innovator has thousands of followers. IA. Chlenokov. Part. zhizn' no. 14:29-30 J1 '66.

KOTSUBYNS'KYI, IURII MYKHAILOVYCH, 1895-1937

Laroshenko, A.D. Iurii Mykhailovich Kotsubyn's'kyl. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1965. 123 p.
(Boris za velyku spravu)
(InU)

KOVDA, VIKTOR ABRAMOVICH

Awarding the V.V. Dokuchaev Gold Medal. Vest. AN SSSR 36 no. 6:107-108 Je '66.

KOZLOV, PETR KUZ'MICH, 1893-1935

P.K. Kozlov's archaeological studies and their historical-geographical aspect. S.I. Rudenko, L.N. Gumilev. Izv. Vses. geog. ob-va 58 no. 3:240-246 My-Je '66.

KRASNODAR PROVINCE—LIBRARIES

Loskutova, T.I. [Sowers of the good, the immortal] Setlaili dobrego, vechnogo. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1964. 50 p.
(CSI-II)

KRASNODAR TERRITORY—CHILDREN'S MUSEUMS

All these materials are in the museum of a school. A. Romanenko. Nar. obr. no. 6:86-88 Ju '66.

KRASNODAR TERRITORY—DRILLING MUDES

Effectiveness of using light-weight cement slurries. V.A. Shein, D.V. Zemlanala, A.I. Bulatov. Burenie no. 5:22-24 '66.

KRASNODAR TERRITORY—GRAIN—COSTS

Interests of production are of primary consideration. I. Denisenko. Sov. profsojuzy 23 no. 13:26-27 J1 '66.

KRASNODAR TERRITORY—OIL WELL CASING

Results of the industrial use of the US-1 sealing compound in the Krasnodar Territory. N.N. Koshelev, IU.D. Kommatyil, V.G. Konyshov. Burenie no. 5:25-26 '66.

KRASNODAR TERRITORY—ROCKS—DENSITY

Density characteristics of deep-seated rocks. A.I.A. Peterson, R.G. Dmitrieva, M.I. Okun'. Izv. vys. ucheb. zav.; nefit i gaz. 9 no. 2:17-19 '66.

KRASNOGORSK—CAMERAS

Some problems in transferring to the new system of planning. L. Oyseevich, P. Grodinskii. Plan. khoz. 43 no. 6:60-70 Je '66.

KRASNOYARSK—ALUMINUM PLANTS—DESIGN AND CONSTRUCTION

Plus the art of production. S. Gridin, Vlk. Polyain. Sov. profsojuzy 22 no. 13:4-7 Je '66.

Training and traditions. S. Gridin, Vlk. Polyain. Sov. profsojuzy 22 no. 13:8-10 J1 '66.

KRASNOYARSK—RAILROADS—REPAIR SHOPS

[Traditions call to go forward; from the history of the Krasnoyarsk Locomotive and Car Repairing Plant, the oldest enterprise of Krasnoyarsk Territory] Traditsii zovut vpered; iz istorii ordena Trudovogo Krasnogo Znameni Krasnoyarskogo parovozno-vagonoremontnogo zavoda - starenishogo predpriiatiia Krasnoyarskogo kraia. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1965. 305 p.
(CSI-II)

KRASNOYARSK HYDROELECTRIC POWER STATION

Miracle by the marvelous mountains. A. Bochkln. Agitator no. 8:11-12 Ap '64.

KRASNOYARSK TERRITORY—FIR—DISEASES AND PESTS

Rates of heartrot in fir of Krasnoyarsk Territory. A.V. Krasikova. Izv. vys. ucheb. zav.; len. zhur. 9 no. 2:15-17 '66.

KRASNOYARSK TERRITORY—REFORESTATION

Forest plantations in Krasnoyarsk Territory. V.V. Ogdevskii, G.V. Mikhailin. Trudy SINNIKHI no. 1: 3-48 '59.

KRASNOYE LAKE (LENINGRAD PROVINCE)—ORE DEPOSITS

Distribution of iron in the water of Krasnoye Lake. E.A. Stravinskii. Dokl. AN SSSR 160 no. 4:806-810 Je '66.

KRAVTSSEV, IVAN EVMENOVICH, 1910-1960

I.M. Kravtsev; an obituary. Vop. filoz. 20 no. 6:102 '66.

KREMENCHUG RESERVOIR—ICE

Basic features of the regime of the freezing of the Kremenchug Reservoir. I.A. V. Kozlinskaya, R.P. Kozmina. Trudy TSIP no. 151:55-63 '65.

KREMENCHUG RESERVOIR—WATER—COMPOSITION

Basic characteristics in the formation of the gas regime of the reservoirs of the Dniester River; based on the example of the Kakhovka and Kremenchug Reservoirs. A.I. Denisova. Gidroklim. mat. 39:38-34 '65.

KRIVONOGOV, PETR ALEKSANDROVICH, 1911-

Ushenko, Kh.A. Petr Aleksandrovich Krivonogov. Moskva, Sovetskii khudozhnik, 1965. 47 p.
(NCU)

KRIVYI ROG—COMMUNIST YOUTH LEAGUE

Poems, the showing of motion pictures, and "right" wages. A. Davydov. Mol. komm. no. 8:72-74 Ag '64.

KRIVYI ROG BASIN—GEOLOGY, STRUCTURAL

Dynamic graph (tectogram) of normal stresses in the Krivoy Rog mobile belt. V.A. Kudelin. Dop. AN USSR no. 6:812-815 '66.

KRIVYI ROG BASIN—IRON MINES AND MINING

Experience in using double boreholes at the "Porvomy'skiy" mine of the North-Mining and Ore Dressing Combine. IU.S. Meta and others. Mel. i gonorud. prom. no. 3:87-88 My-Je '66.

KRIVORYG BASIN—IRON MINES AND MINING—MANAGEMENT

Technical progress in mines of the Krivoryg Basin. E. I. Shkuta. Met. i gornorud. prom., no. 3:59-63 Mye-Je '66.

KRIVORYG BASIN—SHAFT SINKING—SAFETY MEASURES

Using the preliminary cementation of shafts from the working face in mines of the Krivoryg Basin. P. P. Goncharuk and others. Shkhit.stroil. no. 5:4-6 My '66.

KRYZHITSKII, KONSTANTIN IAKOVLEVICH, 1859-1911

Kryzhitskii, G. K. [Fate of an artist; reminiscences about K. I. Kryzhitskii] Sud'ba khudozhnika; vospominaniia o K. I. Kryzhitskom. Kiev, Mystetstvo, 1966, 67 p. illus.

KUBAN—AGRICULTURE

[Fertilizer and crops] Udobrenie i urozhai. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1964, 168 p. (Pardovoi opyt v sel'skom khozstve Kubani) (CU)

KUBAN—COMMUNIST EDUCATION

Moskovskina, A. D. [School matters are party matters; from experience in party guidance of the communist education of school children in the Kuban] Shkol'noe delo—delo partinnoe; iz opyta partinnoy rukovodstva kommunisticheskimi vospitaniami shkol'nikov Kubani. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1965, 81 p. (CSI-H)

KUBAN—VILLAGES

In Kuban Cossack villages. M. Plotnikov. Zhil.-kom. khoz. 14 no. 5:10-11 My '64.

KUBAN—WOMEN

[Your names are among the heroes] Sredi geroev vasht imena. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1965, 324 p. (CSI-H)

KUBAN-AZOV LOWLAND—OIL SANDS—PERMEABILITY

Reduction of the permeability of deep-lying reservoirs in well cementing. A. I. Bulatov, A. I. A. Peterson, G. P. Domonov. Burende no. 5:19-21 '66.

KULAGIN, GEORGI DMITRIYEVICH, 1917-1966

Georgii Dmitriyevich Kulagin; obituary. G. A. Avstuk and others. Izv. AN SSSR. Ser. geog. no. 3:152 Mye-Je '66.

KURA LOWLAND—GEOLOGY, STRUCTURAL

Tectonics of the Pysagat area based on field and geophysical prospecting data. A. P. Abdullayev, K. M. Kefinov. Izv. vuz. ucheb. zav. i nauch. i gaz. 9 no. 2: 15-16 '66.

KURDISH LANGUAGE—DIALECTS

see subdivision under Iraq

KURDS

see subdivision under Iraq

KURDYUM-YELSHANKA GAS FIELD—GAS FIELD DEVELOPMENT

Simultaneous and separate exploitation of two gas horizons in the Kurdyum-Yelshanka field. P. T. Gorbatov. Gaz.delo no. 6:12-16 '66.

KURSK—LIBRARIES AND READERS

Well-organized information service to readers. N. Get'man. Bibliotekar' 43 no. 6:46-47 Je '66.

KURSK MAGNETIC ANOMALY—BORING

Directional diamond drilling of deep boreholes in the Kursk Magnetic Anomaly. V. M. Dolin, V. I. Chernink. Razved. i okh. nedr. 32 no. 5:31-33 My '66.

KURSK MAGNETIC ANOMALY—LEAD-URANIUM DATING

Absolute age of rocks in the Kursk Magnetic Anomaly. A. I. Tugarinov, E. V. Bilikova, S. I. Zykov. Geokhimiia no. 10:988-994 O '64.

KURSK MAGNETIC ANOMALY—METAMORPHISM (GEOLOGY)

Glagolev, A. A. [Metamorphism of Pre-Cambrian rocks in the Kursk Magnetic Anomaly; petrography and the characteristics of the metamorphism of the iron formation and some other Pre-Cambrian rocks of the Staroskol'sk iron-ore region in the Kursk Magnetic Anomaly] Metamorfizm dokembrijskikh porod KMA; petrografiia i zakonomernosti metamorfizma zhelezistoi formatsii i nekotorykh drugikh dokembrijskikh porod Staroskol'skogo zhelezorudnogo raiuna Kurskoj magnitnoi anomalii. Moskva, Nauka, 1966, 197 p. illus.

KURSK PROVINCE—BIBLIOGRAPHY

Preparing bibliographical posters on local history. E. I. Kogan. Sov. bibl. no. 2:60-64 '66.

KURSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A bureau and a division of the district party committee. V. Izotov. Part. zhizn' no. 14:32-37 Ji '66.

KUSTANAY PROVINCE—COMMUNIST YOUTH LEAGUE

A strange man. A. Dikhtlar'. Mol. komm. no. 8:53-54 Ap '64.

KUSTANAY PROVINCE—DEFICIENCY DISEASES IN DOMESTIC ANIMALS

Biogeochemical province of northern Kazakhstan rich in nickel. R. K. Shaglakmetova, M. P. Kondakov. Trudy TVI 9:102-105 '65.

KUSTANAY PROVINCE—LISTERIOSIS

Importance of the quality of feeds in listeriosis of sheep. V. I. Gershtman. Trudy TVI 9:146-151 '65.

KUSTANAY PROVINCE—MOSQUITOES

Fauna and ecology of bloodsucking mosquitoes (Diptera, Culicidae) in Kustanay Province. I. G. Prygunova. Trudy Inst. zool. AN Kazakh. SSR 25:52-60 '66.

KUSTANAY PROVINCE—NICKEL

Biogeochemical province of northern Kazakhstan rich in nickel. R. K. Shaglakmetova, M. P. Kondakov. Trudy TVI 9:102-105 '65.

KUWAIT—INVESTMENTS, FOREIGN

"Fifty-fifty" as a colonialist cryptogram. B. Rachkov. Az. i Afr. seg. 9 no. 6:9-10 Je '66.

KUWAIT—PETROLEUM INDUSTRY

"Fifty-fifty" as a colonialist cryptogram. V. Rachkov. Az. i Afr. seg. 9 no. 6:9-10 Je '66.

KUYBYSHEV—HARBOR

Building a precast mooring structure at the Kuybyshev river port. B. A. Vornan. Transp. stroil. 16 no. 6: 21-23 Je '66.

KUYBYSHEV—INFORMATION SERVICES

Veterans of reference service. A. Khanchin. Zhil.-kom. khoz. 14 no. 5:20-21 My '64.

KUYBYSHEV PROVINCE—ALFALFA—VARIETIES

Some results of the breeding work with perennial leguminous grasses. M. P. Karpov. Izv. Kuib. SKHI 17:42-46 '65.

KUYBYSHEV PROVINCE—ANISPLIA—EXTERMINATION

Results of testing new organic insecticides for controlling the grain beetle Anisoplia austriaca. I. I. Russel'. Izv. Kuib. SKHI 17:154-157 '65.

KUYBYSHEV PROVINCE—BARLEY—DISEASES AND PESTS

Mining fly on barley. A. P. Razumova. Izv. Kuib. SKHI 17:133-135 '65.

KUYBYSHEV PROVINCE—BUCKWHEAT

Buckwheat growing in Kuybyshev Province. K. A. Antimonov. Izv. Kuib. SKHI 17:32-35 '65.

KUYBYSHEV PROVINCE—CORN (MAIZE)

Combined sowing of corn with legumes in the forest-steppe of Kuybyshev Province. S. R. Moichadskii. Izv. Kuib. SKHI 17:90-100 '65.

KUYBYSHEV PROVINCE—ECONOMICS—STUDY AND TEACHING

Training of personnel in economics in Kuybyshev Province. I. Pronin. Ekon. sel'khoz. 41 no. 5:120-123 My '66.

KUYBYSHEV PROVINCE—FERTILIZERS AND MANURES

Effectiveness of the Kashiir phosphorite meal and superphosphate obtained from it, and sulfuric waste from the Syzyan' Shale Processing Plant. A. G. Markovskii, M. P. Markovskaya. Izv. Kuib. SKHI 17:117-120 '65.

KUYBYSHEV PROVINCE—FIELD CROPS—FERTILIZERS AND MANURES

Duration of the effect of manure and complete mineral fertilizers in field crop rotation on common Chernozem soils in the forest-steppe part of Kuybyshev Province. Report No. 2. A. G. Markovskii. Izv. Kuib. SKHI 17:174-188 '65.

KUYBYSHEV PROVINCE—LEGUMES

Combined sowing of corn with legumes in the forest-steppe of Kuybyshev Province. S. R. Moichadskii. Izv. Kuib. SKHI 17:90-100 '65.

KUYBYSHEV PROVINCE—POTATOES—DISEASES AND PESTS

Insects, carriers of the virus diseases of potatoes, in Kuybyshev Province. B. S. Gerasimov. Izv. Kuib. SKHI 17:130-162 '65.

KUYBYSHEV PROVINCE—SAINFON—VARIETIES

Some results of the breeding work with perennial leguminous grasses. M. P. Karpov. Izv. Kuib. SKHI 17:42-46 '65.

KUYBYSHEV PROVINCE—SORGHUM

Some methods for growing sugar sorgho for silage. N. S. Shehtbraev, V. N. Ogurtsov. Izv. Kuib. SKHI 17:107-111 '65.

KUYBYSHEV PROVINCE—SUGAR BEETS

Chemical weed control in sugar beet plantations in Kuybyshev Province. G. E. Gonik, I. A. V. Shaposhnikov. Izv. Kuib. SKHI 17:114-119 '65.

Effect of planting methods and the mechanized formation of the density of planting on the yield of monosperous sugar beets. G. E. Gonik. Izv. Kuib. SKHI 17:112-118 '65.

KUYBYSHEV PROVINCE—TILLAGE

Characteristics of tillage for winter crops in connection with the preceding tillage for green fallow crops. I. A. Chudanov. Izv. Kuib. SKHI 17:73-78 '65.

Tillage after harvesting crops preceding winter crops in the trans-Volga steppe region. I. N. Sapagin. Izv. Kuib. SKHI 17:79-84 '65.

KUYBYSHEV PROVINCE—VEGETABLES—FERTILIZERS AND MANURES

Results of farm experiments on the diversified bacterization of vegetable crops. G. A. Zak, M. F. Mikhutdinov. Izv. Kuib. SKHI 17:139-143 '65.

KUYBYSHEV PROVINCE—WHEAT

Some problems of agricultural practices for spring wheat in Kuybyshev Province. N. S. Shehtbraev, A. M. Medvedev. Izv. Kuib. SKHI 17:85-89 '65.

KUYBYSHEV PROVINCE—WHEAT—FERTILIZERS AND MANURES

Effect of fertilizers and preceding crops on the quality of the grain of spring wheat. N. S. Shehtbraev, G. P. Chekhovskikh. Izv. Kuib. SKHI 17:27-31 '65.

KUYBYSHEV REGION—INLAND WATER TRANSPORTATION—PASSENGER TRAFFIC

In the struggle for portability. L. Shapira. Rech. transp. 23 no. 4:13-14 Ap '64.

KUYBYSHEV RESERVOIR—ALGAE

Fauna of the cenoses of filamentous algae in Kuybyshev Reservoir. M. I. Kirpichenko. Trudy Inst. biol. vnutr. vod. no. 8:137-139 '65.

KUYBYSHEV RESERVOIR—FRESHWATER FAUNA

Fauna of the cenoses of filamentous algae in Kuybyshev Reservoir. M. I. Kirpichenko. Trudy Inst. biol. vnutr. vod. no. 8:137-139 '65.

KUZNETSK BASIN—ACTORS

Young actors of Kuznet'sk Basin. E. Zakharov. Teatr. 25 no. 10:101 O '64.

KUZNETSK BASIN—BIOGRAPHY

Kotliarov, I. S. [I shall come back to you, Russia] IA vernus' k tebe, Rossia! [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965, 59 p. (CSI-H)

KUZNETSK BASIN—COAL MINES AND MINING

Coal strip mines of the Kuznet'sk Basin in the new five-year plan. L. M. Reznikov. Ugol' 41 no. 6:31-33 Je '66.

Industrial testing of the pillar system of mining to the rise with the filling of worked-out areas at the "Koksovala-1" mine. A. S. Litvinenko, A. S. Fedjanin. Ugol' 41 no. 6:22-26 Je '66.

KUZNETSK BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Experience in adopting the machine method of hole cutting at the Kuznet'sk Basin coal mines. L. S. Molokov. Ugol' 41 no. 6:27-29 Je '66.

Fields of use of flexible pan conveyors at the Kuznet'sk Basin coal mines. S. V. Malovannina, V. I. Maksimov, E. M. Cherniavskii. Ugol' 41 no. 6:39-42 Je '66.

Use of powered supports and equipment in coal mines of the Kuznet'sk Basin. A. Korzhizin. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:146-147 '65.

KUZNETSK BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Technical and economic results of the reorganization of the "Iuzhnaia" mine of the "Kuzbassugol" Combine. B. S. Vasil'ev. Ugol' 41 no. 6:55-58 Je '66.

KUZNETSK BASIN—COAL MINES AND MINING—MANAGEMENT

Experimentation in measures by the En. Iaroslavskii coal mine for the bettering of technical and economic indices. I. V. Sungurov. Ugol' 41 no. 6:58-60 Je '66.

KUZNETSK BASIN—PUNCHED CARD SYSTEMS—ELECTRIC MACHINERY INDUSTRY

Use of punched card machines in computing the coefficient of the utilization of equipment. G. Onoprienko. Vest. stat. no. 7:68-70 '65.

KUZNETSK BASIN—ROCK PRODUCTS

Knizhna, G. I. [Building materials made of burned rocks] Stroitel'nye materialy iz gorelykh porod. Moskva, Stroizdat, 1966, 206 p.

KUZNETSK DISTRICT—ACCOUNTING

More on the centralization of accounting. G. Ustaev. *Fin. SSSR* 40 no. 3:55-57 My '66.

KYMOGRAPHY

Diagnosis of diseases of the extremities in cattle and horses with the aid of the kymographic method. G.I. Chirkov. *Trudy TVI* 9:158-164 '65.

KYZKETEN CANAL—SEDIMENTATION AND DEPOSITION

In situ studies of ripple-type movement of sediments. D. Ia. Ratkovich. *Trudy GGI* no. 132:139-148 '66.

KYZYL KUM—GEOLOGICAL TIME

New data on the age of the folded basement in the Kyzyl Kum. V. I. Dinar. A. B. Li. R. S. Tsirel'son. *Dokl. AN SSSR* 168 no. 4:874-877 Je '66.

KZYL-ORDA PROVINCE—CATTLE—DISEASES AND PESTS

Epizootiology and prophylaxis of theileriasis in cattle in southern Kzyl-Orda Province. S. K. Svanbaev, I. Iskhakov. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 6: 53-58 Je '66.

KZYL-ORDA PROVINCE—RICE

Studying the process of the mechanized making of levees separating rice plots. Kh. A. Abilev. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 6:63-68 Je '66.

LA JOLLA REGION—OCEANOGRAPHIC RESEARCH STATIONS

Seals 2, the underwater laboratory. A. A. Chernov, V. G. Samarina. *Priroda* 35 no. 6:114-118 '66.

LABOR AND LABORING CLASSES

(see also subdivision under Armenia; Chuvashia; Europe, Western; Germany; Great Britain; Japan; Orekhovo-Zuyevo, Moscow Province; United States)

[Beginning of the workers' movement and the spread of Marxism in Russia, 1883-1894; consultations and methodological advice] Nachalo rabochego dvizheniia i rasprostraneniye marksizma v Rossii, 1883-1894 gody; konsultatsii, metodicheskie sovery. Moskva, Moskovskii rabochii, 1965. 124 p.

(NcU)

Busy routine of the planet; brief news. *Sov. profsoyuzy* 22 no. 11:40-42 Je '66.

The communist labor movement and the combining of physical and intellectual work in the U.S.S.R. V. G. Egorov. *Uch. zap. Ped. inst. Gerts.* 286:119-133 '66.

The law of the change of labor and the forms of its appearance under the conditions of the building of communism. Z. M. Titova. *Uch. zap. Ped. inst. Gerts.* 286:91-95 '66.

On the development of workers' struggle for the satisfaction of demands in capitalist countries. *Vsem. prof. dvizh.* no. 3:35 My '66.

The Soviet laboring class. P. Ignatovskii. *Kommunist* 43 no. 11:15-26 Ji '66.

Tendencies of the distribution of labor resources between the productive and nonproductive spheres. T. N. Medvedeva. *Uch. zap. Ped. inst. Gerts.* 286:171-184 '66.

LABOR AND LABORING CLASSES—DWELLINGS see subdivision under Dzhirgatal (Kazakhstan)

LABOR AND LABORING CLASSES—EDUCATION

(see also subdivision under Ukraine)

Improve the system of the training of the labor force. V. Shipunov. *Plan. khoz.* 43 no. 7:20-25 Ji '66.

Influence of general education on workers' labor productivity. A. P. Mitulich. *Uch. zap. Ped. inst. Gerts.* 286:62-77 '66.

LABOR AND LABORING CLASSES—RESEARCH see subdivision under Poland

LABOR AND LABORING CLASSES—STATISTICS

I. Work results of 43 industrial enterprises transferred to the new system of planning and economic stimulation. II. Number of workers in industry and construction by occupations. III. General education schools, higher, secondary, and specialized institutions of learning. *Vest. stat.* no. 6:87-96 '66.

LABOR COURTS

Smolarchuk, V. I. [The laws governing labor litigations; procedural safeguards to protect the labor rights of workers and employees] Zakondat'stvo o trudovykh sporakh; protsessual'nye garantii okhrany trudovykh prav rabochikh i sluzhashchikh. Moskva, Iuridicheskaya literatura, 1966. 227 p.

LABOR DISCIPLINE

Timonov, N. A. [Labor discipline in a collective] Trudovaya disiplina v kollektive. [Moskva] Profizdat, 1966. 44 p. (Biblioteka profsoyuznogo aktivista, no. 7(127))

LABOR DISPUTES

Procedural guarantees protecting the labor rights of workers and employees. V. Smolarchuk. *Sov. iust.* 30 no. 13:4-5 Ji '66.

What breeds complaints. *Sov. profsoyuzy* 22 no. 12: 22-23 Je '66.

LABOR LAWS AND LEGISLATION

Akademii nauk URSS, Kiev. Sektor derzhav. i prava.

[The rights of workers and employees under Soviet labor law; a manual] Prava roblitnykh i sluzhbovitsykh za radians'kym trudovym zakonodavstvom; dovidnyk. Kyiv, Naukova dumka, 1966. 310 p.

[Decisions of the All-Union Central Council of Trade Unions] Shor, post. VTSSPS Ji-S '65.

Dismissal by the initiative of the administration. V. Korotkov. *Sots. trud* 11 no. 6:113-122 Je '66.

Don't command, convince. A. Mikheliev. *Sov. profsoyuzy* 22 no. 11:20-21 Je '66.

Effectiveness of legal rules governing the organization of work. O. V. Smirnov. *Sov. gos. i pravo* 36 no. 7:43-50 Ji '66.

Procedural guarantees protecting the labor rights of workers and employees. B. Smolarchuk. *Sov. iust.* 30 no. 13:4-5 Ji '66.

Smolarchuk, V. I. [The laws governing labor litigations; procedural safeguards to protect the labor rights of workers and employees] Zakondat'stvo o trudovykh sporakh; protsessual'nye garantii okhrany trudovykh prav rabochikh i sluzhashchikh. Moskva, Iuridicheskaya literatura, 1966. 227 p.

Survey of labor legislation. *Sots. trud* 11 no. 6:140-151 Je '66.

Working time. IU. Korshunov. *Sov. profsoyuzy* 22 no. 11: 44-45 Je '66.

Working time. IU. Korshunov. *Sov. profsoyuzy* 22 no. 12:42-44 Je '66.

LABOR LAWS AND LEGISLATION—HANDBOOKS, MANUALS, ETC.

Gun'ko, E. I., B. M. Dzhun' and V. A. Televskaya. [Labor and wages in communal housing and services; a manual] Trud i zarabotnaya plata v zhilishchno-kommunal'nom khoziaistve; spravochnik. Kiev, Budivna'nyk, 1966. 357 p.

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR PASSPORTS

What is new in the handling of labor passports. *Sov. profsoyuzy* 22 no. 13:44 Ji '66.

LABOR PRODUCTIVITY

(see also subdivision under Europe, Eastern; Kazakhstan)

[Creativity plus business accounting] Tvorchestvo plus khoziaistvi raschet. [Kulbyshev] Kulbyshevskoe khoziaistvo izd-vo, 1965. 85 p.

(CS-H)

Influence of general education on workers' labor productivity. A. P. Mitulich. *Uch. zap. Ped. inst. Gerts.* 286:62-77 '66.

Let us increase the national labor productivity. L. Leon'tev. *Agitator* no. 16:7-11 Ag '64.

LABOR PRODUCTIVITY—MATHEMATICAL MODELS

Frenkel', A. A. [Multiple-factor correlative models of labor productivity] Mnogofaktornyye korrelatsionnyye modeli proizvoditel'nosti truda. Moskva, Ekonomika, 1966. 94 p.

LABOR REST HOMES—DESIGN AND CONSTRUCTION see subdivision under Zaporozhye

LABOR SUPPLY

(see also subdivision under Gorno-Altai Autonomous Province; White Russia)

"For those who begin their careers." Part. zhizni' no. 14:53-57 Ji '66.

In the Council of Ministers of the R. S. F. S. R., The job placement committees. *Nar. obr.* no. 6:122 Je '66.

Redistribution of labor force from agriculture to non-agricultural branches during the period of the large-scale building of communism. N. P. Golubkova. *Trudy INKH* no. 28:3-16 '65.

LABOR TURNOVER see subdivision under Sakhalin

LABYRINTH (EAR)

Interceptive effects on tonic labyrinthine reflexes. V. S. Raites. *Biol. eksp. biol. i med.* 61 no. 5:3-7 My '66.

LACRIMAL ORGANS

Postnatal development of the submaxillary salivary and the external orbital lacrimal gland in white rats. A. G. Babayeva. *Biol. eksp. biol. i med.* 61 no. 5:113-115 My '66.

LACTALBUMINS

Sensitivity of transplantable cells cultivated in a medium containing lactalbumin hydrolysate to some animal viruses. N. G. Osidze, V. A. Sergeev. *Vop. vet. virus.* 2:236-244 '66.

LACTONES

Synthesis of 8-oxapentadecanols. Z. P. Golovina and others. *Zhur. org. khim.* 2 no. 4:680-682 Ap '66.

LADYBIRDS

(see also subdivision under Tajikistan)

Practices in the introduction of some Far Eastern ladybirds in the Altai-Alai region for controlling aphids and pseudoscorpions. G. I. Savolokina. *Vest. sel'khoz. nauki* [Kazakh.] 9 no. 6:37-42 Je '66.

LAK LANGUAGE

Khaldakov, S. M. [Studies of Lak dialectology] Ocherki lakskoi dialektologii. Moskva, Nauka, 1966. 243 p.

LAKES see subdivision under Kazakhstan; Russia, Northwestern; Drai Mountain region

LAMBLIASIS see Giardiasis

LAMELLIBRANCHIATA see subdivision under Rybinsk Reservoir

LAMELLIBRANCHIATA, FOSSIL

Akademii nauk Gruzinskoi SSR, Tiflis. Institut paleontologii. [Manual on the ecology of marine bivalve mollusks; the way of life of bivalve mollusks belonging to genera represented in Cenozoic marine and submarine water sediments in the southern U.S.S.R.] Spravochnik po ekologii morskikh dvustvorok; obraz zhizni dvustvorok. Tylkh morskikh moluskov, prikladnye aspekty ikh rodnai, predstavleniye v morskikh i solonovodnykh otlozheniakh karnozola Uga SSSR. [By] K. G. Bagdasarian i dr. Gav. red. L. Sh. Davitashvili i R. L. Merklin. Moskva, Nauka, 1966. 351 p.

LAMINARIN—PHYSIOLOGICAL EFFECT

Comparative study of the biological action of the polysaccharides glucan and laminarin. I. P. Ponomarev and others. *Biol. eksp. biol. i med.* 61 no. 5:79-83 My '66.

LAMINATED METALS

Mechanism of the influence of silicon in aluminum on processes of the reactive diffusion of iron in aluminum. D. I. Lohmer, A. K. Karadina. *Fiz. met. i metalloved.* 18 no. 1:145-148 Ji '64.

Method of producing a bimetal. IU. V. Knyazhev, I. M. Pavlov. *Trudy MEI* no. 61 pt. 1:67-68 '65.

Rolling of bimetallic steel-copper tubes on continuous tube-rolling mills. M. L. Chupenko and others. *Met. i gor. i prom.* no. 3:39-40 My-Je '66.

LAND—CLASSIFICATION

Coordinating conference on problems in the estimation and agricultural grouping of the land resources of the U.S.S.R. V. P. Kostuchenko. *Izv. AN SSSR, Ser. geog.* no. 3:118-121 My-Je '66.

Significance of mathematical strictness in outlining the theory of the economic valuation of land. B. I. Gurevich, I. M. Lunda. *Ekon. geog.* no. 2:124-129 '64.

LAND—CONGRESSES

Conference on the problems of land utilization. N. Burdakov, I. Ostrov, V. Shadrin. *Ekon. i plan.* 41 no. 5:123-125 My '64.

LAND, NATIONALIZATION OF

Economic nature and the legal form of government ownership of land. V. Shadrin. *Nauch. dokl. vuz. shkoly. ekon. nauki* 9 no. 3:37-45 '66.

LAND TENURE

(see also subdivision under Assam; Great Britain; Vietnam, South)

Land tenure rights of collective farmers. B. G. Zharikov. *Sov. gos. i pravo* 36 no. 7:99-103 Ji '66.

LANDFORMS see subdivision under Georgia

LANDSCAPE GARDENING

(see also subdivision under Kirghizistan)

Practices in landscaping the area around petroleum refineries. M. Molodtchik. *Arkhi. SSSR* no. 5:45-46 '66.

LANGUAGE AND LANGUAGES

Odesa, Universitet. [Anniversary session dedicated to the centenary of the I. I. Mechnikov Odesa State University; philological sciences, education, and psychology (theses of the reports, May 10-10, 1965)] Iuvleina naukova seslia, pryvachenna 100-ricchchia Odes'koho derzhavnoho universitetu im. I. I. Mechnikova; filologichni nauki, pedagogika ta psikhologiya (tezy dopovidel, 18-19 travnia 1965 r.). Odesa, 1965. 81 p.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

For the first-rate foreign language course in the institutions of higher education. V. M. Blinov, V. V. Morozovskii, E. V. Ope'baum. *Vest. vuz. shkoly* 24 no. 5:60-66 My '66.

LANTHANUM

Electrode processes in the electrolysis of lanthanum in fused chloride electrolytes. IU. N. Krasov, M. V. Smirnov, V. E. Komarov. *Trudy inst. elektrokhim. UFAN SSSR* no. 7:37-45 '66.

LANTHANUM COMPOUNDS

Extraction-photometric determination of lanthanum as an alizarin hydroxyquinoline complex. L.S. Serdyuk, S.M. Lazorina. Zhur. anal. khim. 21 no. 5:561-563 '66.

Type of complex formation during dissolution of some sparingly soluble compounds in solutions of complexes. Part 1: Solubility of lanthanum oxalate in the presence of EDTA. N.N. Kufazeva, V.A. Logvinenko. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:66-70 '66.

Type of complex formation during dissolution of some sparingly soluble compounds in solutions of complexes. Part 2: Some complexes of lanthanum with EDTA. A.V. Nikolaev, V.A. Logvinenko, N.N. Kufazeva. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:71-74 '66.

LANTHANUM SODIUM MOLYBDATE CRYSTALS—OPTICAL PROPERTIES

Optical characteristics of lanthanum sodium molybdate crystals. G.F. Bakshileva, V.F. Karapetian, A.M. Morozov. Opt. i spekt. 20 no. 5:919-920 My '66.

LARCENY

Controversial problems concerning the determination of some crimes in commentaries to the criminal code of the R.S.F.S.R. (to be concluded). S. Borodin, V. Vladimirov. Sov. iust. 30 no. 13:9-10 Ji '66.

LARCH

Role of mycorrhiza in the manifestation of the physiological activity of the roots of the larch. Report No. 1. G.A. Zak, G.I. Tserling. Izv. Knib. SKHII 17:199-203 '63.

Use of larch in the production of furniture. O.V. Kochenovskii. Der. prom. 15 no. 5:23 My '66.

LARKSPUR see Delphinium

LARVAE—CRUSTACEA see subdivision under Kamchatka

LARVAE—FISHES

(see also subdivision under Riga, Gulf of)

State of the organs of vision, smell and hearing in larvae of the Kurra sturgeon (*Acipenser guldensaditii*) and their variation in the hatching stage. L.A. Sytina. Dokl. AN SSSR 161 no. 4:963-965 Je '66.

Structure of the cardiovascular system of sturgeons in the hatching stage. O.B. Timofeev. Dokl. AN SSSR 168 no. 4:966-968 Je '66.

LARVAE—INSECTS

Glands of caddis fly larvae. Report No. 2. G. Lison's glands. S.N. Zarechnaia. Trudy Inst. biol. vnutr. vod. no. 8:113-117 '65.

Some data on the distribution of Culicoides larvae in the biotopes of various landforms of Voronezh Province. K.T. Kozmova. Okhr. prir. TSentr. -Chern. pol. no. 6: 267-270 '64.

Some larvae of rove beetles of the genus *Staphylinus* L. (sensu lato) (Coleoptera, Staphylinidae). V.A. Pototskaia. Ent. oboz. 45 no. 2:354-363 '66.

Some problems concerning the conditions governing the existence of the larval stages of *Symptetrus flavellus* L. (Odonata, Insecta) in desiccated intermittent bodies of water. B.F. Belyshev. Uch. zap. Bur. gos. ped. inst. no. 24:57-61 '61.

Study of the microflora of the larvae of the Colorado beetle *Leptinotarsa decemlineata* Say (Coleoptera, Chrysomelidae). V.P. Pristavko. Ent. oboz. 45 no. 2: 302-316 '66.

LARYNX—CANCER

Effect of irradiation on laryngeal tissues in cancer: X-ray and morphological observations. R.M. Babonovich, L.A. Cherkashkii. Vop. onk. 12 no. 6:39-45 '66.

Pogosov, V.S. [Partial resections of the larynx in its cancerous lesion] Chastichnye rezektsii gortani pri rakovom ee porazhenii. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966. 53 p. (DNLM)

LARYNX—SURGERY

Pogosov, V.S. [Partial resections of the larynx in its cancerous lesion] Chastichnye rezektsii gortani pri rakovom ee porazhenii. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966. 53 p. (DNLM)

LARYNX—WOUNDS AND INJURIES

Grave chemical and thermal burns of the larynx. G.S. Boder. Voen.-med. zhur. no. 12:67-69 D '65.

LASER COMMUNICATION SYSTEMS

Chernyshev, V.N., A.G. Sheremet'ov, and V.V. Kozlov. [Lasers in communication systems] Lazery v sistemakh svyazi. [Moskva] Svyaz', 1966. 319 p.

LASERS

Beginning of the mutual overlap of bands covered by lasers and traveling-wave tube. M.B. Golant and others. Radiotekh. i elektron. 11 no. 7:1321-1322 Ji '66.

Calculating intensified luminescence in a polished generating rod. A.M. Samson, L.A. Kotomtseva. Opt. i spekt. 20 no. 5:848-852 My '66.

Coherence of radiation from a ruby laser at peaks. I.I. Dukhopel, T.V. Simonenko, I.E. Urnis. Opt. i spekt. 20 no. 5:853-858 My '66.

Comparing the parameters of ruby and neodymium lasers with pulse Q-factor. I.U. Morgun, V.A. Filipovich. Zhur. prikl. spekt. 4 no. 5:403-409 My '66.

Competition between transitions, and generation on the 5401 Å line without a dispersing prism in the resonator of an He-Ne laser. L.S. Vasilenko, V.P. Chebotayev. Opt. i spekt. 20 no. 5:915-916 My '66.

Experimental study of the control of generation of a ruby laser with the aid of a diffraction modulator operating on a modulated ultrasonic traveling wave. I.I. Adrianova, I.U. V. Popov, V.E. Terent'ev. Opt. i spekt. 20 no. 5: 924-926 My '66.

Generation of radiation in zinc vapors. A.S. Tibilev. Opt. i spekt. 20 no. 5:920 My '66.

Ierasyanov, S.M., and L.Z. Kryksunov. [Optical quantum generators] Opticheskii kvantovyi generatory. Kiyv, Tekhnika, 1965. 170 p.

Measuring the intensification of coherent optical radiation in a tube containing a helium-neon mixture. A.P. S. Skibarko, I.U. V. Prichko. Opt. i spekt. 20 no. 5:908-910 My '66.

Mechanism underlying the bleaching of organic photo-thermal shutters for ruby lasers. B.A. Ermakov, A.V. Lukin. Zhur. prikl. spekt. 4 no. 5:410-414 My '66.

Temperature conditions of a ruby laser. B.I. Stepanov and others. Zhur. prikl. spekt. 4 no. 5:389-394 My '66.

Theoretical study of the control of generation of a ruby laser with the aid of a diffraction modulator operating on a modulated ultrasonic traveling wave. A.G. Pokrovskii, M.A. Filippova. Opt. i spekt. 20 no. 5:921-923 My '66.

LATHES

Fomin, S.F. [Working principles and adjustment of turret lathes] Ustroistvo i nastadka tokarno-revol'vornykh stankov. Izd. 2, perer. Moskva, Mashinostroenie, 1966. 241 p.

Increasing the rigidity and fixing precision of the block of automatic multiphase lathes. M.L. Orlikov, I.U. L. Anosov. Stan. i instr. 37 no. 6:5-7 Je '65.

LATHES—ATTACHMENTS

Head for simultaneous machining of the face and beads of flanges. M.L. Trakhter. Stan. i instr. 37 no. 6: 42 Je '66.

LATIN AMERICA—FOREIGN RELATIONS—UNITED STATES

NATO for the Western Hemisphere. S. Genionskii. Nov. vrem. 24 no. 33:11-13 Ag '66.

The Pentagon in Latin America. L. Parker. Mezhdunar. zhizn' 13 no. 8:115-119 '66.

LATIN AMERICA—MILITARY BASES, AMERICAN

Washington in the search for space bases. G. Shirlakov. Mezhdunar. zhizn' 13 no. 7:77-81 '66.

LATIN AMERICA—POLITICS

The Pentagon in Latin America. L. Parker. Mezhdunar. zhizn' 13 no. 8:115-119 '66.

LATIN AMERICA—WARS OF INDEPENDENCE, 1806-1830

Discussing the problem of a Russo-Spanish Convention. B.N. Komissarov. Vop. ist. 41 no. 8:193-197 Je '66.

LATVIA—AMATEUR THEATRICALS

Smilgis, Eduards, ed. [Amateur art activities; an aid for the leaders of drama groups] Pasdarbibas akatve; paligs dramatisko pulcinu vaditajiem. Red. K. Jalinskis. Riga, Latvijas Valsts izd-ba, 1955. 249 p. [In Latvian] (MH)

LATVIA—BUILDING—TECHNOLOGICAL INNOVATIONS

Mednis, J. [New developments in repair and construction work] Novoe v mekhanizatsii remontno-stroitel'nykh rabot. Izd. 2, dop. i perer. Riga, Latvskii respubl. in-t nauchno-tekhn. informatsii i propagandy, 1965. 91 p.

LATVIA—CIVIL LAW

A theoretical and practical conference on the P. Stuchka University of Latvia devoted to the new civil and civil-procedure codes of the Latvian S.S.R. and their practical implementation. K.Torgan. Vest. Mosk. un. Ser. 12; Pravo 21 no. 1:96 Ja-F '66.

LATVIA—CIVIL PROCEDURE

A theoretical and practical conference on the P. Stuchka University of Latvia devoted to the new civil and civil-procedure codes of the Latvian S.S.R. and their practical implementation. K.Torgan. Vest. Mosk. un. Ser. 12; Pravo 21 no. 1:96 Ja-F '66.

LATVIA—COMMUNIST YOUTH LEAGUE

Rauzans, Gunars. [Toward the sun; pages from the history of the Komsomol organization of C ntral Latvia, 1917-1919] Saulei protim rokas sniegsm; lappuses no komjunistas videnas organizacijas vestures, 1917-1919. Riga, Latvijas Valsts izd-ba, 1963. 114 p. [In Latvian] (MH)

LATVIA—ELECTRONIC INDUSTRIES

Riga. Gosudarstvennyi elektrotekhnicheskii zavod VEF. [For technological progress; leading industrial and technological work practice of innovators and engineering and technical workers of the VEF Factory (1961-1964)] Za tekhnicheskii progress; pereodovi proizvodstvenno-tekhnicheskii opyt novatorov i inzhenerno-tekhnicheskikh rabotnikov zavoda VEF (1961-1964 gg.). Riga, Latvskii respublikanskii institut nauchno-tekhnicheskoi informatsii i propagandy, 1965. 190 p. illus.

LATVIA—FOREST MANAGEMENT

Kronlis, J. [Management of Latvian forests] Latvijas mezu apsaimniekosana, Riga, Liesma, 1965. 115 p. [In Latvian] (DNAL)

LATVIA—HEALTH RESORTS, WATERING PLACES, ETC.

Academician Pavel Ivanovich Stradyn', physiotherapist and researcher of the health resorts of Latvia; on the 70th anniversary of his birth. M.B. Sukhodrev. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:172-174 Mr-Ap '66.

LATVIA—HISTORY—SOURCES

[October Revolution in Latvia; documents and materials; forty years, 1917-1957] Oktab'rskaia revoliutsia v Latvi; dokumenty i materialy; 40 let, 1917-1957. Riga, Izd-vo Akad. nauk Latvskoi SSR, 1957. 457 p. (MosW)

LATVIAN COMPOSERS see Composers, Latvian

LATVIAN LANGUAGE—RHETORIC

Smilgis, Eduards, ed. [Amateur art activities; an aid for the leaders of drama groups] Pasdarbibas skatve; paligs dramatisko pulcinu vaditajiem. Red. K. Jalinskis. Riga, Latvijas Valsts izd-ba, 1955. 249 p. [In Latvian] (MH)

LATVIAN MUSICIANS see Musicians, Latvian

LAUNCHES

Libefort, G.B. [Mechanical equipment of high-speed launches] Mekhanicheskie ustanovki bystrokhodnykh katerov. Leningrad, Sudostroenie, 1966. 283 p.

LAUSANNE, TREATY OF, JULY 24, 1923

The conference in Montreux. K. Rodionov. Mezhdunar. zhizn' 13 no. 8:150-152 '66.

LAW

(see also subdivision under Ukraina)

Akademija nauk BSSR, Minsk. Institut filosofii i prava. [Problems of Soviet law and law observance at the present stage] Voprosy sovetskogo prava i zakonnosti na sovremennom etape. Minsk, Nauka i tekhnika, 1965. 253 p.

Current problems of the Soviet state and law. V.I. Guliev. Vest. Mosk. un. Ser. 12; Pravo 21 no. 3:3-8 My-Je '66.

Recent legislative enactments. Rad. pravo 20 no. 5:98-99 My '66.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

(see also subdivision under Ukraina)

[Bulletin of the Supreme Court of the R.S.F.S.R.] Buil. Verkh. Suda RSFSR no. 7 '66.

LAW—CLASSIFICATION

Some ways to improve the registration of normative acts. S.S. Moskvina. Sov. gos. i pravo 36 no. 7:78-82 Ji '66.

LAW—CODIFICATION

Codification and compilation of laws on fines. V.N. Ershov. Uch. zap. VNIISZ no. 5:68-71 '65.

LAW—PHILOSOPHY

Ivan Franko's views on the state and law. V. Sokurenko. Rad. pravo 29 no. 5:8-12 My '66.

LAW—STUDY AND TEACHING

Study groups of the personnel of prosecuting agencies. P. Shcherbyns'kiy. Rad. pravo 29 no. 5:82-83 Je '66.

LAW AND COMMUNISM

Berchenko, A.A. [Educational role of Soviet law] Vospitatel'naya rol' sovetskogo prava. Moskva, Mysl', 1966. 77 p.

LAW AND ETHICS

Moral significance of socialist democracy. V. Patochkin. Rad. pravo 29 no.6:17-20 Je '66.

LAW AND SOCIALISM

Limits of the legal regulation of socialist social relations. V. N. Podkuznetsov. Vest. Mosk. un. Ser. 12; Pravo 21 no.3:73-80 My-Je '66.

LAW ENFORCEMENT

(see also subdivision under Ukraine)

Akademii nauk BSSR, Minsk. Institut filiosofii i prava. [Problems of Soviet law and law observance at the present stage] Voprosy sovetskogo prava i zakonnosti na sovremennom etape. Minsk, Nauka i tekhnika, 1965. 253 p.

Basic issues of the revision of laws on administrative liability. V. J. Popova. Uch. zap. VNIISZ no.5:3-22 '65.

Berchenko, A. Ia. [Educational role of Soviet law] Vospitatel'naya rol' sovetskogo prava. Moskva, Mysl', 1965. 77 p.

Revision of the law and the strengthening of socialist legality in the administrative operations of the Soviet police. V. V. Novikov. Uch. zap. VNIISZ no.5:157-160 '65.

LAW SCHOOLS

An all-Union interuniversity conference on correspondence schools for higher legal education. G. S. Kotliarevskii. Vest. Mosk. un. Ser. 12; Pravo 21 no.3:92-94 My-Je '66.

LEACHING

Work results on the leaching of salinized soils for 1964-1965. A. F. Rad'ko. Gidr. i mel. 18 no.6:55-58 Je '66.

LEAD

Anodic behavior of lead in alkaline solutions. Part 2: Galvanostatic and potentiostatic measurements. S. S. Popova, A. V. Fortunatov. Elektrokimiia 2 no.6:676-682 Je '66.

LEAD-BISMUTH ALLOYS see Bismuth-lead alloys

LEAD COMPOUNDS

Self-purification of natural waters from lead ions. G. A. Solomin, T. O. Goncharova, N. G. Fesenko. Gidrokhim. mat. 39:145-152 '65.

LEAD ORGANIC COMPOUNDS see Organolead compounds

LEAD POISONING

Function of the motor apparatus of the stomach in experimental lead poisoning. A. A. Mambeeva. Biol. eksp. biol. i med. 51 no.3:36-40 My '66.

LEAD-URANIUM DATING see subdivision under Kursk Magnetic Anomaly

LEAF BEETLES

Biology and ecology of the aspen leaf beetle Phyllotecta laticeis in the southern Maritime Territory. R. A. Vasil'ev. Sbor. rab. MLTI no.11:109-112 '64.

LEAF BUGS

Puchkov, V. G. [Main leaf bugs parasitizing on field crops] Glavnye vrediteli klopov-slepnak - vrediteli sel'skokhoziaistvennykh kul'tur. Kiev, Naukova dumka, 1966. 170 p. (DNAL)

LEAF MINERS

Mining fly on barley. A. P. Razumova. Izv. Kuib. SKNI 17:163-165 '65.

LEAF ROLLENS see subdivision under Crimea; Maritime Territory

LEAST SQUARES

Approximate solution of Chaplygin's equation by the method of least squares. F. B. Abutaliev, V. B. Vilenchik. Vop. vych. mat. i tekhn. no.6:78-85 '65.

LEATHER—ELASTIC PROPERTIES

Relaxation of stresses in leather. Report No. 1. N. A. Shestakova, N. V. Chernova. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.2:69-95 '66.

LEATHER, ARTIFICIAL

Cross-linking of synthetic rubber films formed by ion deposition as applied to the production of film materials. V. S. Belokopytova, L. E. Kalina, S. A. Pavlov. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.2:78-84 '66.

Requirements of artificial leather for shoe lining. I. M. Bublik and others. Kozh.-obuv.prom. 7 no.2:38-22 F '65.

LEATHER INDUSTRY

Aiming for a high quality of leather; editorial. Kozh.-obuv.prom. 7 no.2:1-3 F '65.

Application of linear programming in calculating the optimum assortment of stiff leather in case of centralized clogging. E. A. Manusov, L. T. Khizhniak. Kozh.-obuv.prom. 7 no.2:7-11 F '65.

Generalization of experiences in the use of the soaking and liming process in the manufacture of chrome leather from hides in U.S.S.R. factories. G. V. Epshtein, V. I. Surgutov, M. M. Sklovskii. Kozh.-obuv.prom. 7 no.2: 27-30 F '65.

LEATHER INDUSTRY—COSTS

Economic analysis of the conversion coefficients of raw leather grading. V. D. Rozhok, G. P. Isiprian. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.2:3-9 '66.

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Kalinin)

Studying the method of material cutting on automatic presses. Report No. 2. V. A. Zhdan-Pushkin, I. P. Zybin. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.2: 114-152 '66.

LEATHER INDUSTRY—EXHIBITIONS

Special item show at the Exhibition of Achievements of the National Economy of the U.S.S.R. V. N. Khodosova. Kozh.-obuv.prom. 7 no.2:37-38 F '65.

LEAVES

Effect of high temperature on changes in leaf transpiration. V. G. Shokhbazov. Uch. zap. KHGU 14:30-42 '63.

Quantitative regulation of the surface area of foliage in grapevines. G. I. IAnin. Fiziol. rast. 13 no.3:528-536 My-Je '66.

LEAVES—ANATOMY

Some characteristics of the anatomical structure of the needles of Scotch pine in the Northern Urals. V. M. Iatsenko. Trudy Inst. biol. UFAN SSSR no.47:67-70 '65.

LEBEDEV, VLADIMIR IVANOVICH, 1895-1966

V. I. Lebedev; an obituary. Vop. ist. 41 no.6:230 Je '66.

LEECHES—PARASITES see Parasites—Leeches

LEG

Skeleton of the pelvic girdle and leg of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. G. V. Vladimirov. Trudy TVI 9:51-59 '65.

LEGAL SOCIETIES

Ninth annual meeting of the Soviet Association of International Law. G. A. Nekrasova. Sov. gos. i pravo 36 no.6:133-134 Je '66.

LEGISLATION

Preparation and enactment of laws in the Soviet state. P. Polezhaev. Rad. pravo 29 no.6:66-68 Je '66.

LEGISLATIVE BODIES

Bourgeois parliaments and public opinion. A. A. Mishin. Vest. Mosk. un. Ser. 12; Pravo 21 no.1:39-40 Ja-F '66.

LEGUMES see subdivision under Kuybyshev Province

LEGUMES—ANALYSIS see subdivision under Kazakhstan

LEIPZIG—TELEPHONE—EXHIBITIONS

At the Leipzig Fair. Vest. aviats. 26 no.3:31-32 Mr '66.

LEISURE

Leisure time and its efficient use. A. F. Generalov. Uch. zap. Ped. inst. Gerts. 286:200-210 '66.

Problems of reducing the expenditure of time in consumption and increasing the workers' leisure time during the period of the building of communism. I. U. M. Krasnov. Trudy INKH no.28:73-90 '65.

LENA RIVER—ICE

Characteristics of the melting of the ice cover and the breakup of ice on the middle Lena. K. N. Pollakova. Trudy TSIP no.151:149-170 '65.

LENA RIVER—REGULATION

River engineers and workers of the Lena basin in the struggle for the improvement of navigation conditions. S. Zernov. Rech. transp. 23 no.4:37-38 Ap '64.

LENA RIVER WATERSHED—ICE ON RIVERS, LAKES, ETC.

Probable distribution of the dates of the breakup of ice on the rivers of the Lena River basin. K. N. Pollakova. Trudy TSIP no.151:82-92 '65.

LENIN, VLADIMIR IL'ICH, 1870-1924

R'ich's camping trips. L. Gurvich. Mol. komm. no.8: 107-113 Ag '64.

Kommunisticheskaya partiia Sovetskogo Soyuza. Saratovskii oblastnoi komitet. Partinnyi arkhiv. [To a friend, friend, and leader] Chekoveku, drugu, vozhdru, Saratov [Privolzhskoe knizhnoe izd-vo] 1965. 102 p. (CSI-H)

Lenin and books. N. S. Kniga; issl. i mat. 11:202-294 '65.

Lenin's school. A. Loginov. Agitator no.8:36-38 Ap '64.

Nikolnikov, G. L. [Triumph of V. I. Lenin's strategy and tactics in the problems of war, peace and the revolution] Pobeda leninskoi strategii i taktiki po voprosam voyny, mira i revoliutsii. Kiev, Izd-vo Kievskogo univ., 1966. 238 p.

Orekhov railroad employees on a visit to V. I. Lenin in November 1917. A. G. Kharlamova. Vop. ist. KPSS 10 no.7:101-104 Ji '66.

Recollections of V. I. Lenin. S. A. Lazovskii. Vop. ist. KPSS 10 no.7:105-112 Ji '66.

Significance of the new documentary materials of Lenin for the study of the history of the CPSU. G. D. Odchikh. Vop. ist. KPSS 10 no.7:15-27 Ji '66.

V. I. Lenin about the role of people's masses in the Chinese Revolution of 1911. I. U. M. Garudskaya. Nar. Az i Afr. no.3:144-153 '66.

Volobuev, P. V. [V. I. Lenin on the general features of the Great October Socialist Revolution] V. I. Lenin ob obshchikh zakonmerenostakh Velikoi Oktobr'skoi sotsialisticheskoi revoliutsii. Moskva, Znaniye, 1965. 47 p. (Novoe v zhizni, nauka, tekhnika, i SSSR:Zhurnal, no.12)

LENIN, VLADIMIR IL'ICH, 1870-1924—DRAMA

In the Writer's Association. Teatr 25 no.10:82 O '61.

LENIN, VLADIMIR IL'ICH, 1870-1924—MONUMENTS, ETC.

Designs in the competition for a monument to V. I. Lenin in the Kremlin. S. Znamenskiy. Arkh. SSSR no.5:32-26 '66.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Kazan. Dom-muzei V. I. Lenina. [V. I. Lenin Residence-Museum in Kazan] Dom-muzei V. I. Lenina v Kazani. Kazan', Tatarskoe knizhnoe izd-vo, 1965. 38 p. (CSI-H)

Ufa. Dom-muzei V. I. Lenina. [V. I. Lenin Residence-Museum in Ufa] Dom-muzei V. I. Lenina v Ufe. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 41 p. (CSI-H)

LENINAKAN—ELECTRIC EQUIPMENT INDUSTRY

New method for manufacturing check rings. S. Tatarskiy. Prom. Arm. 9 no.6:54-55 '66.

LENINAKAN—TEXTILE INDUSTRY—MANAGEMENT

Basic funds should have a full loading. A. Alievskiy, G. Abramyan. Prom. Arm. 9 no.6:33-34 '66.

LENINGRAD—AIR DEFENSES

Local air defense is dedicated to fighting men. I. Sa-kolnik. Voen. znaniye 42 no.6:10-17 Je '65.

LENINGRAD—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Let us renovate houses. K. Kovaleva, A. Vladimirov. Sov. profsoyuzy 23 no.16:26-27 My '66.

LENINGRAD—ART

V'umki, V. A. [The Square of the Arts] Proshched' Inskaya. [Leningrad] Leningrad, 1966. 132 p. (Dostoprimechatel'stva Leningrada)

LENINGRAD—BRIDGES

Aleksandr Novakii Bridge in Leningrad. A. S. Evdoshin, K. I. Iabetskiy. Transp. stroit. 16 no.6:13-15 Je '66.

LENINGRAD—CHILDREN'S CLUBS

In "no man's" land. A. Kurov. Nor. obr. no.7:41-42 Ji '66.

LENINGRAD—CIVIC IMPROVEMENT

Leningrad prepares for the celebration of the glorious anniversary. Part. zhizni no.13:20-25 Ji '66.

LENINGRAD—ECONOMICS—STUDY AND TEACHING

The Department of the Economics of Present-Day Capitalism of Leningrad University. N. S. Babitskaya. Nar. Az i Afr. no.3:235-237 '66.

Improve the economic qualifications of personnel. I. Kozlov. Vest. stat. no.6:56-57 '66.

LENINGRAD—LIBRARIES

Works of the founders of Marxism-Leninism in the collections of the M. E. Saltykov-Shchedrin Public Library: on the 150th anniversary of the M. E. Saltykov-Shchedrin Public Library. A. F. Shevtsova. Kulga; issl. i mat. 10:241-262 '65.

LENINGRAD—MACHINE ACCOUNTING

Inspection-content of machine accounting stations and machine accounting bureau in Leningrad. P. Subinin, V. Kosareva. Vest. stat. no.6:84-85 '66.

LENINGRAD—MACHINERY INDUSTRY

The work of your industrial plant. Komm. Vooruzh. Sil. 47 no.14:92-93 Ji '66.

LENINGRAD—MACHINERY INDUSTRY—MANAGEMENT

Vorotilov, V. A., and I. U. S. Makov. [Planning and analysis of the use of capital assets in industry] Planirovaniye i analiz ispol'zovaniya osnovnykh promyshlennno-proizvodstvennykh fondov. [Leningrad] Lentsdal, 1966. 121 p.

LENINGRAD—MUNICIPAL SERVICES

Introduce the new technology into the municipal economy of Leningrad. Zhil.-kom.khoz. 14 no.8:5 My '64.

LENINGRAD—PRECAST CONCRETE

Use of capital assets and potentialities of the growth of labor productivity; as exemplified by the precast reinforced concrete industry. N.D.Smirnov. Uch.zap. Ped.inst.Gerts. 286:52-61 '66.

LENINGRAD—RADIO IN EDUCATION

The school life of Leningrad. M.Zhezhko, S.Neginskii. Nar.obr. no.7:123-125 JI '66.

LENINGRAD—REVOLUTION OF 1905

Shurygina, A.P. [Petersburg workers in the revolution of 1905-1907] Peterburgskie rabochie v revoliutsii 1905-1907 gg. Leningrad, Vses. ob-vo raspr. polit. i nauchn. znani, 1955. 30 p. (VIU)

LENINGRAD—SCIENTIFIC LIBRARIES

Long-range plan of the work of the Library of the Academy of Sciences of the U.S.S.R. in 1966-1970. S.P.Lupov. Sov.bibl. no.2:107-112 '66.

The 250th anniversary of the Library of the Academy of Sciences of the U.S.S.R. A.I.Kopanev. Kniga; issl. i nat. 10:272-281 '65.

LENINGRAD—SIEGE, 1941-1944

Local air defense in dedicated to fighting men. I.Sokol'ski. Voen.znan. 42 no.6:18-17 Je '65.

LENINGRAD PROVINCE—ASPEN

Interrelation of male and female clones and trees of aspen in forests of Leningrad Province. V.B.Volkovich. Izv.vys.ucheb.zav.; les.zhur. 9 no.2:22-24 '66.

LENINGRAD PROVINCE—BOTANY, MEDICAL

Studying the germination of seeds in some medicinal plants raised in Leningrad Province. G.A.Ivanenko. Uch.zap. Ped.inst.Gerts. 310 230-250 '66.

LENINGRAD PROVINCE—CAULIFLOWER—FERTILIZERS AND MANURES

Effect of foliar feeding with trace elements on the yield and ripening periods of cauliflower. M.V.Syskova. Uch.zap. Ped.inst.Gerts. 312:155-161 '66.

LENINGRAD PROVINCE—DRAINAGE

Some practices in strengthening canals in Leningrad Province. A.A.Sevriakov. Gidr.i mel. 18 no.6:40-44 Je '66.

LENINGRAD PROVINCE—PHYTOPHTHORA—CULTURES AND CULTURE MEDIA

Characteristics of 0, 1, and 4 races of Phytophthora infestans DD from Leningrad Province. N.P.Cherepanova, L.I.Pshedetskaya. Vest. LGU no.8:73-78 '66.

LENINGRAD PROVINCE—SANDPIPERS

Biology of common sandpiper in Leningrad Province. N.S.Ivanova. Vest. LGU no.9:23-32 '66.

LENINGRAD PROVINCE—SOILS—DENSITY

Soil density and tillage. I.I.Kochurova. Uch.zap. Ped.inst.Gerts. 312:132-140 '66.

LENINGRAD REGION—TORNADO

Tornado in the Leningrad region. N.I.Novozhilov. Priroda 55 no.7:127-128 '66.

LEOPARD MOTH—EXTERMINATION

Outbreak of a mass multiplication of leopard moth in ornamental and shade trees in Moscow. V.I.Erokhina. Sber.rab. MLTI no.11:42-48 '64.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

In a "...disunited and constrained society." E.Pul'khritudova. Teatr 25 no.10:35-43 O '64.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841—

Rebellious genius. I.Vladimirova. Teatr 25 no.10:25-34 O '64.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841—

DICTIONARIES, INDEXES, ETC.

An encyclopedia devoted to a particular person as a publication of a special type. V.A.Mamulov. Kniga; issl. i nat. 11:263-260 '65.

LETTERING

"Graphemes" of the alphabet. S.B.Tellingater. Kniga; issl. i nat. 11:250-166 '65.

LEUCISCUS

Growth of Leuciscus idus L. And methods of its back calculation. E.A.Zinov'ev. Vop.ikht. 6 no.2:290-302 '66.

LEUCOANTHOCYANINS

Changes in the anthocyanin and leucoanthocyanin content of plants depending on the type of salinization. B.P.Strogonov, R.Kh.Dostanova. Fiziol.rast. 13 no.3: 509-518 My-Je '66.

LEUCOCYTES

Changes in the phagocytic activity of the leucocytes in patients with cancer of the cervix uteri following radiotherapy. N.M.Sokolova, L.Z.Klechkov, E.K.Sirdzhallinskaya. Vop.onk. 12 no.6:32-35 '66.

Some changes in the cardiovascular system and peripheral blood in mechanical stimulation of the gallbladder. I.K.Makhatadze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:239-245 '59.

LEUCODYSTROPHY

Metachromatic leucodystrophies in children. E.I.Anapolskaya and others. Zhur.nevr. i psikh. 66 no.7:985-990 '66.

LEUCORRHEA

Kiritschenkov, A.P. [Leucorrhoea] Boll. Moskva, Meditsina, 1966. 18 p. (Nauchno-populnarnaya meditsinskaya literatura) (DNLM)

LEUCOXENE

Leucocene, a new type of raw material. N.E.Gerngard. Razved. i okh.nedr. 32 no.5:10-12 My '66.

LEUKEMIA

Present state of the problem as to the nature and treatment of leukemia. E.M.Semenskaya. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:87-91 '59.

Vsesoiuznaya akademika sel'skokhoziaistvennykh nauk imeni V.I.Lenina. [Problems of controlling leukemia in cattle] Problemy bor'by s leukozom krupnogo skota. Pod red. I.A.R.Kovalenko i dr. Moskva, Kolos, 1965. 231 p. (DNAL)

LEVEES

Studying the process of the mechanized making of levees separating rice plots. Kh.A.Abilov. Vest. sel'khoz. nauki [Kazakh]. 9 no.6:63-68 Je '66.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVIN, GRIGORII ZALMANOVICH, 1905-

G.Z.Levin on his 60th birthday. Zhur.nevr. i psikh. 66 no.5:798-799 '66.

LEVOMYCETIN

Combined treatment of typhoid fever with levomycetin, apicicum, monovalent vaccine and total ultraviolet irradiation. E.S.Normanskii and others. Antibiotiki 11 no.5:471-475 My '66.

LIABILITY (LAW)

Administrative liability for acts in the management of the national economy as distinct from liability under civil law. I.V.Gus'kova. Uch.zap. VNISZ no.5:52-58 '65.

Distinction between administrative and civil law liability when there is a violation of forestry law. E.I.Nemirovskii. Uch.zap. VNISZ no.5:59-67 '65.

Fault as the basis of contract liability of a socialist enterprise. F.I.Rabinovich. Sov.gos.i pravo 36 no.6:30-37 Je '66.

Judicial practice in cases of material liability of officials found faulty of improper dismissal of transfer of workers and employees. I.O.Snigireva. Sov.gos.i pravo 36 no.6:125-130 Je '66.

Property liability of collective farmers. N.V.Storozhev. Sov.gos.i pravo 36 no.6:66-90 Je '66.

Revision of laws on administrative liability and the application of provisions protecting the rights of persons involved. G.I.Nikitushin and others. Uch.zap. VNISZ no.5:84-90 '65.

LIBERTY OF CONSCIENCE

Girman, Iu.I. [Wherein lies the essence of freedom of conscience?] V chem sushchest'no s'byvost' sovost' Moskva, Mysl', 1966. 85 p.

LIBRARIANS

A librarian who loves his work. V.Grekov. Bibliotekar' 43 no.7:59-59 JI '66.

My first librarian. I.Samulov. Bibliotekar' 43 no.6: 59 Je '66.

LIBRARIES

(see also subdivision under Kirghizistan; Krasnodar Province; Moscow; Moscow Province)

Brief news of library life. Bibliot. SSSR no.30:141-165 '65.

Let us prepare for the great anniversary in a proper way. Bibliotekar' 43 no.6:24 Je '66.

The libraries can lend their assistance too. V.Kudriakov. Bibliotekar' 43 no.7:1-4 JI '66.

Plenary session of the Council on Library Problems. A.N.Efimova. Sov.bibl. no.2:103-107 '66.

LIBRARIES—BRANCHES, DELIVERY STATIONS, ETC.

(see also subdivision under Kirov)

What should the network of city libraries be like? F.Ponomarev. Bibliotekar' 43 no.7:41-44 JI '66.

LIBRARIES—SPECIAL COLLECTIONS see subdivision under Europe, Eastern

LIBRARIES, CHILDREN'S

In the light of the decisions of the party congress. N.Medvedeva. Bibliotekar' 43 no.7:28-30 JI '66.

A journey throughout the "Planet of marvels." A.Solov'eva. Bibliotekar' 43 no.6:21-23 Je '66.

Let us coordinate the acquisition of books. V.Makareva. Bibliotekar' 43 no.6:18-20 Je '66.

LIBRARIES, PRIVATE

Catalogs of the private libraries of literature teachers. V.Tropnikov. Nar.obr. no.7:20-22 JI '66.

LIBRARIES, TRAVELING

Traveling libraries at the site of a construction project. N.Orlova. Bibliotekar' 43 no.7:12-13 JI '66.

LIBRARIES, WORKINGMEN'S see subdivision under Fergana; Minsk; Ulan-Ude

LIBRARIES, YOUNG PEOPLE'S

Along their fathers' road. I.Ganitskaya, V.Stel'makh. Bibliotekar' 43 no.7:18-24 JI '66.

From the age of 17 to 27. S.Dozorov. Bibliotekar' 43 no.7:21-23 JI '66.

LIBRARIES AND FOREIGN POPULATION

Where the continents meet. T.Pyshnova. Bibliotekar' 43 no.6:36-39 Je '66.

LIBRARIES AND READERS

(see also subdivision under Kabardino-Balkar A.S.S.R.; Karsk; Pskov Province; Volgograd)

An All-Union conference devoted to the "Young hero of Soviet literature." V.D.Stel'makh. Bibliot. SSSR no.30:49-57 '65.

Along their fathers' road. I.Ganitskaya, V.Stel'makh. Bibliotekar' 43 no.7:18-24 JI '66.

The face of our young reader. E.Naglovskaia. Bibliotekar' 43 no.6:14-17 Je '66.

Our mainstay. P.Kokoshkin. Bibliotekar' 43 no.6: 42-43 Je '66.

Starting with the first meeting. V.Suris. Bibliotekar' 43 no.6:28 Je '66.

Studying the requirements of readers in large scientific libraries. T.V.Voronova. Bibliot. SSSR no.30:3-20 '65.

They discuss the problems of well-organized work. G.Gerasimova. Bibliotekar' 43 no.7:56-57 JI '66.

LIBRARY ADMINISTRATION see subdivision under Ukraine

LIBRARY CATALOGS

Catalogs of local publications as a part of information service on local history in province libraries. A.V.Mamonov. Bibliot. SSSR no.30:86-92 '65.

If the obstacles were eliminated. E.Sukhtanov. Bibliotekar' 43 no.7:47-50 JI '66.

Materials of the party congress in library catalogs. D.Zhak. Bibliotekar' 43 no.6:8-9 Je '66.

LIBRARY CONFERENCES

Thirty-first session of the International Federation of Library Associations. NTI no.5:52 '66.

LIBRARY COOPERATION

(see also subdivision under Europe, Eastern)

Organizational role of the central libraries of cities. I.Tepitskaya. Bibliotekar' 43 no.6:30-33 Je '66.

LIBRARY EXHIBITS

Everything should be beautiful in a library. V.Agabalian. Bibliotekar' 43 no.6:44-45 Je '66.

A new step toward communism. Z.Fanostova. Bibliotekar' 43 no.6:5-9 Je '66.

This is what we need. V.Nechaev. Bibliotekar' 43 no.2:45-46 JI '66.

LIBRARY SCHOOLS AND TRAINING

(see also subdivision under Bryansk Province)

Your diploma is a start and not a finish. N.Kurshutov. Bibliotekar' 43 no.7:53-55 JI '66.

LIBRARY SCIENCE

(see also subdivision under Kirghizistan)

[Information about library work and bibliography abroad; materials] inform. o bibliot. dela i bibl.za rub. Ja-Je '65, publ. '66.

Some conceptions of present-day bourgeois library science. N.Tulina. Bibliotekar' 43 no.6:52-54 Je '66.

Some problems concerning the organization of theoretical and methodological work in province libraries. A.A.Panova. Bibliot. SSSR no.30:104-111 '65.

LIBYA—DESCRIPTION AND TRAVEL

Chislov, A.A. [Through Tunisia and Libya] Po Timisu i Livii. Moskva, Nauka, 1966. 126 p. (Puteshestviya po stranam Vostoka)

LICE

Methylacetophos as a prospective preparation for the control of pediculosis. V.I.Vashkov and others. Zhur.mikrobiol., epid. i immun. 43 no.5:18-22 My '66.

LIDA (WHITE RUSSIA)—SHOE INDUSTRY

Introduced by voluntary workers. A. Leonov, V. Chistakov. Prom. Bel. 9 no. 4:53-54 Ap '66.

LIE ALGEBRAS

Cartan's pseudogroups and Lie-p-algebras. A.I. Kostrikin, I.R. Shafarevich. Dokl. AN SSSR 168 no. 4:740-742 Je '66.

Solvability of the elementary theory of certain classes of free nilpotent algebras. Zh.A. Almagambetov. Alg. i log. 4 no. 6:15-14 '65.

LIFTING AND CARRYING

Lifting a metal tank with a capacity of 200 m³. A. P. Beschastnyi. Transp. strol. 16 no. 6:52 Je '66.

LIGHT—PHYSIOLOGICAL EFFECT

Significance of light and temperature in the reproduction of some species of Lepidoptera (Portia dispar L. and Bombyx mori L.). A.V. Bohach, I.M. Zolotoverkhina, O.I. Kyrychenko. Dop. AN URSS no. 6:825-827 '66.

LIGHT—SCATTERING

Light scattering and hydrodynamic properties of tertiary polybutyl methacrylate. M. Kozhokariu, V.S. Skazka, K.G. Berdnikova. Vysokom. soed. 8 no. 6:1063-1067 Je '66.

Method for determining the probability of survival of light quanta in powdered scattering systems. G.K. Pich. Zhur. prikl. spekt. 4 no. 5:459-462 My '66.

Scattering of waves by the charged surface of a liquid conductor. V.P. Milantsev. Trudy Un. druzh. nar. 11, Flz. no. 1:87-92 '65.

LIGHT, WAVE THEORY OF

Light waves with transverse and longitudinal vibrations. A.V. Shubnikov. Priroda 55 no. 6:33-39 '66.

LIGHT FILTERS

Molecular-resistant interference light filters. T.V. Pozdneva, M.D. Borodin, O.I. Anisimov. Svetotekhnika 12 no. 6:26-28 Je '66.

LIGHTNING

(see also subdivision under Kiev; Valaam Island; Voyevkovo, Leningrad Province)

Improving the methodology of plotting charts showing the number of lightning discharges. V.P. Kolokolov and others. Trudy GGO no. 186:3-10 '66.

Recording the leader phase of lightning discharges. T.V. Lobodin. Trudy GGO no. 188:15-20 '66.

LIGHTWEIGHT CONCRETE—TESTING

Strength of agglomerate concrete. G. Dzhenkova, Bet. i zhel.-bet. (Tiflis) 1:48-54 '65.

LIGNIN

Change in cellulose polydispersity in the process of delignification. M.M. Chochleva, I.V. Briskin. Zhur. prikl. khim. 39 no. 5:1170-1176 My '66.

Correlation of the individual fractions of the wheat stem in connection with the lignification of the plant. M.I. Zvereva. Trudy TVI 9:209-211 '65.

Determining lignin in feeds. L.N. Skorodumova, S.G. Ustinov. Uch. zap. Ped. inst. Gerts. 312:361-365 '66.

Digestibility of cellulose and lignin in experiments with rabbits and sheep. P.A. Kormishchikov, M.I. Zvereva. Trudy TVI 9:220-227 '65.

Effect of a coagulating agent on the properties of lignin-filled resins. A.M. Bukanov and others. Izv. vyz. ucheb. zav.; les. zhur. 9 no. 2:155-157 '66.

Nature of lignin. P.A. Kormishchikov. Trudy TVI 9;

lignin in cellulose and spectroscopy method. Zhur. prikl. spekt. 4

LIMING OF SOILS

[Concise manual on the liming of acid soils] Kratkiy spravochnik po izvestkovaniyu kislolykh pochv. Minsk, Urozhai, 1966. 215 p.

(DNAL) Shederov, S.G. [Liming of acid soils] Izvestkovanie kislolykh pochv. Moskva, Rossiyaizdat, 1965. 48 p. (Biblioteka brigadira i zven'evogo po primeneniuyu udobreniy, no. 4) (DNAL)

LIMIT THEOREMS (PROBABILITY THEORY)

Certain limit theorems for the solution of differential equations with a random right hand member. R.Z. Khassimskii. Dokl. AN SSSR 168 no. 4:755-758 Je '66.

Residual terms in multidimensional limit theorems. A. Biktalis. Dokl. AN SSSR 168 no. 4:731-732 Je '66.

LIMITATION OF ACTIONS

Kirillova, M.I.A. [Limitation of actions] Iskovaya davnost'. Moskva, Iuridicheskaya literatura, 1966. 154 p.

LIMNOLOGY—CONGRESSES

Congress of limnologists in Warsaw. N.N. Davydova, I.M. Raspopov. Izv. Vses. geog. ob-va 98 no. 2:165-187 Mr-Ap '66.

LINEAR ALGEBRAS see Algebras, Linear

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Simplified method of computing the right side of a linear algebraic equation. B.Kh. Rybak. Trudy TSIP no. 156: 121-126 '66.

LINEAR PROGRAMMING

Application of linear programming in calculating the optimum assortment of stiff leather in case of centralized clicking. E.A. Mamusov, I.T. Khizhriak. Kozh.-obuv. prom. 7 no. 2:7-11 F '65.

'Basic principles of linear programming,' an optional subject in teachers' colleges. G.I. Arsen'ev, V.I. Trunovskii. Vest. vyz. shkoly 24 no. 5:70-80 Je '66.

Gol'shtein, E.G., and D.B. Udlin. [New trends in linear programming] Noveye napravleniya v lineinom programirovani. Moskva, Sovetskoe radio, 1966. 524 p.

Selecting optimal variants for the distribution of the pipeline system of intake wells. T.A. Alakhevskiy, A.G. Ishchenko. Ekonom. metod. prom. no. 2:32-34 '66.

Solodovnikov, A.S. [Introduction to linear algebra and linear programming] Vvedenie v lineinuyu algebru i lineinoe programirovaniye. Moskva, Prosveshchenie, 1966. 182 p.

Studying the method of material cutting on automatic presses. Report No. 3. V.A. Zhdanov-Pushkin, I.U. P. Zytin. Izv. vyz. ucheb. zav.; tekhn. leg. prom. no. 2: 144-152 '66.

Use of electronic computers and methods of linear programming for the selection of optimal conditions for large focus skin distance radiation therapy. L.I.A. Klepper. Med. rad. II no. 9:8-15 My '66.

Use of optimal control theory techniques in problems of optimal planning. N.N. Moiseev. Kibernetika no. 2:41-48 Mr-Ap '66.

Vorotilov, V.A., and I.U.S. Makov. [Planning and analysis of the use of capital assets in industry] Planirovaniye i analiza ispol'zovaniya osnovnykh promyshlennno-proizvodstvennykh fondov. [Leningrad] Lenizdat, 1966. 121 p.

LINEAR TOPOLOGICAL SPACES

Semiconvex analogue of the s-space. O.S. Korsakova. Uch. zap. Ped. inst. Gerts. 274:150-161 '65.

Uniform approximation and steady continuation of functions in topological spaces. V.P. Panteleev. Uch. zap. Ped. inst. Gerts. 274:162-163 '65.

C RESEARCH

V.V. [Cybernetics, semiotics, linguistics] kn. semiotika, lingvistika. Minsk, Nauka 1 1966. 145 p.

LIPASE

Relation of the enzymatic activity to the pH value and the substrate specificity of *Actinomyces aureofaciens* lipase. A.M. Berzborodov, L.M. Smirnova, L.P. Kuznetsova. Antibiotiki 9 no. 10:894-899 O '64.

LIPETSK PROVINCE—LABOR DISCIPLINE—CONGRESSES

Each one is in sight of everybody. N. Parshina. Sov. profsoyuz 22 no. 11:28-30 Je '66.

LIPETSK PROVINCE—SPORTS—ORGANIZATION AND ADMINISTRATION

Sportmen of our state farm. V. Ignatov. Sov. profsoyuz 22 no. 12:20-27 Je '66.

LIPIDS

Mechanism of increasing the activity of lipolytic enzymes following the introduction of lipids into tissues. F.L. Leites, B.B. Fuks. Biol. eksp. biol. i med. 61 no. 5:46-51 My '66.

Study of the lipid component of the animal influenza viruses. G.A. Smirnova, V.M. Zhdanov. Vop. vet. virus. 2:202-210 '66.

Synthesis of optically active lipopolysaccharides. I.I. G. Molotkovskii, L.D. Bergel'son. Izv. AN SSSR. Ser. khim. no. 6:1088-1100 '66.

LIPOLYSIS

Mechanism of increasing the activity of lipolytic enzymes following the introduction of lipids into tissues. F.L. Leites, B.B. Fuks. Biol. eksp. biol. i med. 61 no. 5:46-51 My '66.

LIQUEFIED GASES

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction norms and regulations] Stroitel'nye normy i pravila. Moskva, Stroizdat.

Pl. 2, Sec. G. Ch. 12. [Gas supply, Gas distribution stations, Liquefied gas bottling and tank installations; design specifications] Gazosnabzhenie. Gazorazdatnochnye stantsii. Ballony i rezervuarnye ustanovki szhiznennogo gaza; normy proektirovaniya (SNIP II-G.12-65). 1966. 29 p.

LIQUID FUELS

Evaluation of the dispersity of an atomized liquid. S.I. Otkerov. Probl. teploenerg. i prikl. teplofiz. no. 2:43-48 '65.

LIQUID IRON-CARBON ALLOYS

Kinetics of the dissolution of niobium in iron-carbon melts. V.D. Shantarin, P.M. Shurygin, V.V. Utochkin. Izv. AN SSSR. Met. no. 3:31-33 My-Je '66.

LIQUID LEVEL INDICATORS

Automatic level indicators for small containers. M.V. Puchkov. Transp. i khran. nefti i nefteprod. no. 3:25-26 '65.

LIQUID METALS

Contribution to the theory of electromagnetic metal mixing devices. M.G. Keelin. Izv. vyz. ucheb. zav.; elektronika. 9 no. 5:517-523 '66.

LIQUIDS

Skryshevskii, A.F. [Roentgenography of liquids] Rentgenografiya zhidkostei. Kiev, Izd-vo Kievskogo univ., 1966. 122 p.

LIQUIDS—SPECTRA

Use of nuclear magnetic resonance for investigating liquid media; a survey. P.M. Borodin, E.N. Sventitskii, V.I. Chizhik. Zav. lab. 32 no. 5:531-542 '66.

LISTERIOSIS

(see also subdivision under Kustanay Province)

Listeriosis; based on materials of the 2d International Symposium, K.N. Silygin. Zhur. mikrobiol., epid. i imm. 43 no. 5:25-30 My '66.

Morphological changes in the blood in listeriosis of sheep. V.I. Gershun. Trudy TVI 9:152-154 '65.

LITERARY CALENDARS

Kalendar Ukrain's'koho Holosu, [Jubilee calendar-almanac of the "Ukrain's'ki Holos" for 1966; dedicated to the 75th anniversary of the first Ukrainian settlement in Canada and the 50th anniversary of Ivan Franko's death] Iuvileinyi kalendar-al'manakh Ukrain's'koho Holosu; pryvslavcheniy 75-tilit' ukrains'koho poselennia v Kanadi 1 50-tilit' z dnia smerti Ivana Franka. Na zvychnykh rik 1966. Winnipeg, Nakl. i drukom Vydavnychoi spilky "Trizub," 1966. 100 p.

Moscow. Vsesoyuznaya gosudarstvennaya biblioteka inostrannoi literatury. [Calendar of memorable dates in foreign literature for 1965] Kalendar' pamyatnykh dat po zarubezhnoi khudozhestvennoi literatury na 1965 god. Moskva, Kniga, 1964. 50 p. (TNJ)

LITERARY RESEARCH

Methodological problems of literary research. A. Bushmin. Kommunist 43 no. 9:55-67 Je '66.

LITERATURE

(see also subdivision under Siberia)

Irkutsk. Gosudarstvennyi pedagogicheskii institut. [Collection of postgraduate papers: philosophy, history, and literary studies] Sbornik aspirantskikh rabot: filosofiya, istoriya, literaturovedenie, Irkutsk, 1964. 274 p. (CS-II)

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—PHILOSOPHY

Blits'kyl, O.I. [Collected works in five volumes] Zibrannia prats' u p'iaty tomakh. Red. kolektiva M.K. Hudzil ta Insh. Kyiv, Naukova dumka, Vol. 3. [Soviet Ukrainian literature, theory of literature] Ukrain's'ka radians'ka literatura, teoriya literatury, 1966. 606 p.

Timofeev, L.I. [Fundamentals of the theory of literature] Osnovy teorii literatury. Izd. 3., ispr. Moskva, Prosveshchenie, 1966. 477 p.

LIME INDUSTRY see subdivision under White Russia

2307

LUMBERING

Determining the length of bundle perimeters. IU, I. Valtkov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:51-59 '66.
Ventechnostsev, IU. N. [Fundamentals of the theory of lumbering] Osnovy teorii lesopromyshlennyykh proizvodstv. Moskva, Lesnaya promyshlennost', 1966. 156 p.

LUMBERING—COSTS

Comparative evaluation of cost methods for calculating the volume of production at lumbering enterprises. F. N. Morozov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:70-83 '66.

Pollanskii, A. A. [Ways to increase labor productivity and to lower production costs in lumbering; work experience of Archangel Province logging enterprises] Puti povysheniya proizvoditel'nosti truda i snizheniya sebestoimosti produktov na lesozagotovkakh; opyt raboty lespromkhozov Arkhangel'skoi oblasti. Moskva, Gostekhnizdat, 1961. 105 p.
(NNC)

LUMBERING—ELECTRIC EQUIPMENT

[Manual for the electrical engineer of the logging camp] Spravochnik elektromekhanika lespromkhozov. Izd. 2., dop. i perer. Moskva, Lesnaya promyshlennost', 1966. 369 p.

LUMBERING—MACHINERY

Economic indices in the using of tractors for skidding and loading lumber. V. G. Zolotogorov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:60-66 '66.

Experimental determination of the dynamic loads of the turning mechanism of the boom crawler loader used for lumber. V. G. Schneider. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:67-72 '66.

Experimental unit for studying the precision of the stop-plug full-length logs under various operating conditions of the conveyor. N. A. Gutseliuk, P. V. Lastochkin. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:158-162 '66.

Pizharin, A. A., and V. T. Surikov. [Electrical machinery and electric driving of lumbering equipment] Elektricheskie mashiny i elektropriivod lesozagotovitel'nogo oborudovaniya. Moskva, Lesnaya promyshlennost', 1966. 305 p.

Studying operating conditions of the power transmission of the TDT-60 tractor in lumber skidding. Sh. M. Gokhman, IU. L. Kovalev. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:73-77 '66.

LUMBERING—SAFETY MEASURES

Mozhul', V. G. [Safety engineering and fire prevention measures at lumbering camps] Tekhnika bezopasnosti i protivopozharnaya tekhnika na lesozagotovkakh. Izd. 4., perer. Moskva, 1966. 182 p.

LUMINESCENCE

Calculating intensified luminescence in a polished generating rod. A. M. Samson, L. A. Kotomitseva. Opt. i spekt. 20 no. 5:848-852 My '66.

Characteristics of the luminescence and adsorption spectra of α - and β -alkyl and arylanthraquinones in solutions. Part 2. N. A. Shcheglova, D. N. Shigorin, N. S. Dokunikhin. Zhur. fiz. khim. 40 no. 5:1048-1055 My '66.

Chemiluminescent reaction in the system luminol - copper (II) - zirconium (IV) - hydrogen peroxide. A. K. Babko, L. I. Dubovenko, L. S. Mikhailova. Zhur. anal. khim. 21 no. 5:549-552 '66.

Luminescence and stimulated radiation spectrum of $\text{CaF}_2 \cdot \text{U}^{3+}$ crystals. V. F. Egorova and others. Opt. i spekt. 20 no. 5:890-897 My '66.

Luminescence of a mixture of zinc - mercury vapors in a high-frequency discharge. O. P. Bochkova. Opt. i spekt. 20 no. 5:901-903 My '66.

Nature of excited electronic states and the luminescence of molecules. R. N. Nurmukhametov, V. G. Plotnikov, M. N. Shcheglov. Zhur. fiz. khim. 40 no. 5:1154-1157 '66.

oxide in the
skin.

Morphological reaction in the lungs of swine to aerosol vaccination against cholera. N. I. Arkhipov, V. I. Burtsev, L. M. Pichugin. Vop. vet. virus. 2:548-553 '66.

LUNGS—CANCER

Characteristics of the growth and expansion of primary cancerous tumor in the lung. M. D. Moiseenko. Vop. onk. 12 no. 6:10-17 '66.

Selection of optimal methods for gamma therapy of malignant tumors of the lungs. R. V. Stavitski and others. Med. rad. 11 no. 5:3-8 My '66.

LUNGS—DISEASES

Effectiveness of sanatorial and climatic treatment of chronic nonspecific diseases of the lungs. V. A. Voltenko. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:141-145 Mr-Apr '66.

Pulmonary hypertension in mitral stenosis. A. V. Baeva and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:33-36 '65.

Radiation treatment of patients with lymphogranulomatosis and lesion of the lungs. I. A. Pereslegin, E. M. Fikova, Z. I. Klumelovskaya. Med. rad. 11 no. 6:3-9 Je '66.

Surgical diseases of the lungs in children. S. I. A. Doletskii. Vest. AMN SSSR 21 no. 6:73-77 '66.

LUNGS—DUST DISEASES

Changes in the function of the external respiration in patients with silicosis during treatment at the Shvanda Health Resort. N. I. Krylova. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:136-140 Mr-Apr '66.

LUNGS—HYDATIDS

Diagnosis, clinical aspects and treatment of echinococcosis of the lungs. Part 1. M. K. Chachava. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:125-161 '59.
Diagnosis, clinical aspects and treatment of echinococcosis of the lungs. Part 2. M. K. Chachava. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:163-173 '59.

LUNGS—SURGERY

Bronchial adenoma; clinical aspects, diagnosis and surgical treatment. S. A. Gadzhiev, A. A. Vornanov, V. N. Vasil'ev. Vop. onk. 12 no. 6:3-9 '66.

LUNGS—TRANSPLANTATION

Hemodynamics of the pulmonary circulation following single- and bilateral autotransplantation of the lungs. E. N. Meshalkin and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:130-136 '65.

LUNGS—TUMORS

Induced pulmonary adenomatosis in rabbits. L. A. Giclatov. Bul. eksp. biol. i med. 61 no. 6:76-82 Je '66.

LUNGS—WOUNDS AND INJURIES

Mechanisms of changes in the respiratory and cardiovascular reflexes from the lungs in burns caused by the steam of boiling water. R. U. Looga. Bul. eksp. biol. i med. 61 no. 6:31-33 Je '66.

LUPINE

Relationship between lupine and other crops. I. G. Kozhevnikov. Okhr. prir. TSentr.-Chern. pol. no. 5:253-255 '64.

LUXEMBURG—FOREIGN RELATIONS—GERMANY, WEST

What they talk about in Luxembourg. V. Zinglindin. Nov. vrem. 24 no. 30:28-30 Ji '66.

LUZIN, NIKOLAI NIKOLAEVICH, 1883-1950

History of a search. N. A. Romanov. Priroda 55 no. 7:77-87 '66.

LVOV

L'vov; on the 25th anniversary of the incorporation of the Western Ukraine into the Ukrainian S. S. R. A. S. Kuts. Ekon. geog. no. 2:46-52 '64.

LVOV—COMMUNITY CENTERS

Tarnovych, Tullian. [The Ukrainian Academic House in L'vov; a force of the Ukrainian mind and character] demichnyi dim u L'vovi; kuznia zku i kharakteru. Toronto, Na 79 p.

LION

[a guidebook] Kholm slavy; putevoditel'. r, 1965. 66 p.

LION—RECEIVERS AND RECEPTION

tee and the five-year plan. N. Karla-luziy 22 no. 10:9-10 My '66.

REGION—CANNING INDUSTRY

Graphic prerequisites for the development and vegetable canning industry in the Region. N. M. Senluk. Ekon. geog.

REGION—DAIRY INDUSTRY

distribution of the meat and dairy raw material supply in the Lvov Economic hetkin. Ekon. geog. no. 2:80-86 '64.

LVOV ECONOMIC REGION—MANUFACTURES

Geography of the production and consumption of products of light industry in the Lvov Economic Region. L. A. V. Krushel'nitskaya. Ekon. geog. no. 2:71-79 '64.

LVOV ECONOMIC REGION—POWER RESOURCES

Some problems of the distribution of the fuel power supply of the Lvov Economic Region. V. I. Chubaty, Ekon. geog. no. 2:63-70 '64.

LVOV ECONOMIC REGION—STOCK AND STOCK-BREEDING

Development and distribution of the meat and dairy industry and its raw material supply in the Lvov Economic Region. A. N. Ichetkin. Ekon. geog. no. 2:80-86 '64.

LVOV PROVINCE—ANTIQUITIES

A burial mound of the Vysotsk cultural type in the city of Zolochiv. L. I. Krushel'nytska. Arkheologia 19:122-135 '65.

LVOV PROVINCE—POPULATION—STATISTICS

Population and the labor resources of Lvov Province. A. V. Chashchukhin. Ekon. geog. no. 2:29-37 '64.

LVOV PROVINCE—RURAL CONSTRUCTION

In a family of brothers. V. Mazur. SH, bud. 14 no. 11:3-4 N '64.

LVOV PROVINCE—SHEEP BREEDING

Results of crossing local coarse-wool sheep in Lvov Province with French Merino rams. M. M. Potul'nytskii. Nauk. pratsi zootekh. fak. UASHN 15 no. 2:54-63 '61.

LVOV-VOLYN' BASIN—COAL

Standards for calculating the reserves of commercial-grade coal deposits in the Ukrainian part of the Dniestr Basin and in the Lvov-Volyn' Basin. G. V. Sharmanova. Ugol' Ukr. no. 6:52-54 Je '66.

LVOV-VOLYN' BASIN—COAL—TRANSPORTATION

Some problems in the method of branch regionalization; based on the example of the fuel industry. F. D. Zastavnyi. Ekon. geog. no. 2:14-22 '64.

LVOV-VOLYN' BASIN—COAL MINES AND MINING

Komononko, V. M. [Coal, coke, plastics; economic problems of the comprehensive use of Lvov-Volyn' Basin coal for chemical processing and as fuel power] Vaidila, koks, plastmasy; ekonomichni pytannta kompleksnoho khimiko-energetychnoho vykorystannya vuhilila L'viva'ko-Volyn's'koho basenu. [L'viv] Vyd-vo L'viv's'koho univ., 1965. 161 p.

LVOV-VOLYN' BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Expanding the cutter-loader method in mining operations in the Lvov-Volyn' Basin. N. D. Skohn, IU. T. Kozhanchuk, I. A. Martynenko. Ugol' Ukr. no. 6:8-9 Je '66.

LVOV-VOLYN' BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Influence of means of mechanization on labor productivity in the boring and blasting method of mining in the Lvov-Volyn' Basin. N. I. Golovko, D. F. Petrichenko. Ugol' Ukr. no. 6:26-27 Je '66.

LVOV-VOLYN' BASIN—FREIGHT AND FREIGHTAGE

Formation of the economic ties of the Lvov-Volyn' Coal Basin. V. V. Lugovoi. Ekon. geog. no. 2:104-116 '64.

LVOV-VOLYN' BASIN—INDUSTRIES

Formation of the economic ties of the Lvov-Volyn' Coal Basin. V. V. Lugovoi. Ekon. geog. no. 2:104-116 '64.

LYAYLYAKSKIY DISTRICT—ECONOMIC GEOGRAPHY

Southwestern districts of Osh Province. V. V. Grechko. Izv. Kir. fil. Geog. ob-va SSSR no. 5:11-24 '63.

LYMPHANGIOGRAPHY

Luk'yanchenko, B. IA. [Lymphography] Limfografiya. Moskva, Meditsina, 1966. 217 p.
(DNLM)

Lymphography in urology. M. D. Dzhabadzade, S. B. Immanverdiev. Azerb. med. zhur. 43 no. 4:16-23 Ap '66.

LYMPHATICS

Classification of the lymphatic nodes of the neck and head. N. A. Semelina. Arkh. anat., gist. i embr. 50 no. 3:83-87 Mr '66.

The lymphatics of the pharynx. IU. N. Andriushin. Arkh. anat., gist. i embr. 50 no. 3:87-73 Mr '66.

The lymphatics of the stomach of some bird species. V. N. Balashev. Arkh. anat., gist. i embr. 50 no. 3:56-63 Mr '66.

The lymphatics of the tendons of the tendons of the upper extremity in man. M. D. Gatalov. Arkh. anat., gist. i embr. 50 no. 3:73-81 Mr '66.

Morphological changes in the lymphoid organs of swine vaccinated against cholera. N. I. Arkhipov, V. I. Burtsev, L. M. Pichugin. Vop. vet. virus. 2:530-548 '66.

LYMPHATICS (Continued)

- Morphological reaction in the lymphoid tissue of hens with European chicken plague. G.I. Bragla. Vop.vet. virus. 2:585-590 '66.
- New data on functional morphology of the lymphatic capillaries. D.A. Zhdanov. Usp.sovr.biol. 61 no.3; 443-460 My-Je '66.
- Significance of regional lymph nodes in the immunogenesis of rabbits immunized with dry live brucella vaccine. V.S. Stupin. Zhur.mikrobiol., epid.i.immun. 43 no.5:93-98 My '66.

LYMPHOCYTES

- Effect of the epithelial stroma of the thymus on the differentiation of lymphocytes. E.A. Lartia, A.E. Snegireva. Biol. eksp.biol.i.med. 61 no.5:103-107 My '66.

LYMPHOGANULOMATOSIS see Hodgkin's disease

LYMPHOSARCOMA see Hodgkin's disease

LYSOZYME see Muramidase

MACARONI

- New technology in the production of short-cut noodles and vermicelli. A.A. Byutrov. Khleb.i.kond.prom. 10 no.5:20-21 My '66.

MACHINE ACCOUNTING

(see also subdivision under Leningrad)

- Give more attention to machine accounting for pension coverage. A.Matveeva. Vest.stat. no.7:72-73 '66.
- On the efficient use of accounting machines. A.Pak. Den.i.kred. 24 no.6:82-83 Je '66.

Organization of accounting in the Lugansk Diesel Locomotive Plant. L.Magdel. Sbor.inform.mat.Glav. upr.vych.rab. no.3:3-12 '65.

Report, M.M., ed. [Practice in the mechanization of accounting and computing work in agriculture] Opyt mekhanizatsii ucheta i vychislitel'nykh rabot v sel'skom khoz.i.stvo. Moskva, Statistika, 1966. 242 p.

MACHINE ACCOUNTING—STUDY AND TEACHING see subdivision under Soviet Far East

MACHINE PARTS

- Strength calculation of supporting circular rings. V.M. Shustrovich. Vest.mashinostr. 46 no.5:16-22 My '66.
- Using the lattice method in determining stresses in shaped parts. V.S. Zhukovskii. A.I. Surkov, B.A. Morozov. Vest.mashinostr. 46 no.6:18-21 Je '66.

MACHINE PARTS—ABSTRACTS

[Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref.zhur.: Mashinostroi, mat., konstr.i.rasch.det.mash.Gidr. no.5 My '66.

MACHINE PARTS—LABORATORY MANUALS

Aleksandrov, L.I., N.P.Artemenko, and L.M.Fel'dman. [Machine parts: a laboratory manual] Detal'i mashin; laboratornyye raboty. Izd.2., perer.i dop. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1966. 182 p. diagr., (insert)

MACHINE PARTS—LUBRICATION

Effect of prolonged action of oils and emulsions on the strength of heavy concrete. G.D.Pavlenishvili. Bet.i.zhel.-bet.(Tiflis) 1:71-73 '65.

MACHINE PARTS—TABLES, CALCULATIONS, ETC.

[Reference tables on machine parts in two volumes] Spravochnyye tablitsy po detal'nam mashin v 2-kh tomakh. [By] V.Z.Vasil'ev, i dr. 5, izd., ispr. i dop. Moskva, Mashinostroenie, 1966. 800 p.

MACHINE PARTS—TESTING

- Evaluating the dissipation of the strength of large parts. I.I. Khazanov. Vest.mashinostr. 46 no.6:7-11 Je '66.
- Stand for strength testing of machine parts. A.A. Paromenskii, I.U.I. Rabin. Vest.mashinostr. 46 no.6:33-34 Je '66.
- Tenenbaum, M.M. [Resistance to abrasive wear of structural materials and machine parts] Iznosostoykost' konstruktivnykh materialov i detalей mashin pri abraziivnom iznashivani. Moskva, Mashinostroenie, 1966. 336 p.

MACHINE-SHOP PRACTICE

Moiseev, M.P., ed. [Handbook for the machine-shop foreman] Spravochnik mastera mekhanicheskogo tsakha. [By] M.P. Moiseev i dr. Izd.2., dop.i ispr. Moskva, Mashinostroenie, 1966. 703 p.

MACHINE THEORY

Petrovas, L.V., ed. [Theory of automatic machines and pneumatic and hydraulic drives] Teoriya mashin-avtomatov i pnevmo-gidropriivodov; sbornik statei. Moskva, Mashinostroenie, 1966. 367 p.

MACHINE-TOOL INDUSTRY see subdivision under Kirovakan

MACHINE-TOOL INDUSTRY—MANAGEMENT

- In the Ministry of the Machine-Tool and Cutting-Tool Industry. Mekh.i avtom.proizv. 20 no.6:56-57 Je '66.
- A new system of planning and economic stimulation is the most important condition for the fulfillment of the tasks of the five-year plan. V.V. Bitunov. Vest.mashinostr. 46 no.6:3-6 Je '66.

MACHINE TOOLS

Machine tools are in reliable hands. A.Golubev. Avi. transp. 44 no.6:7 Je '66.

New machine tools. Stan.i instr. 37 no.6:45 Je '66.

MACHINE TOOLS—ATTACHMENTS

Devices for removing shavings and dust. V.V. Morkhat. Mashinostroi'tel' no.6:45,48 Je '66.

Screened chip breaker. I.IA. Likhobabenko and others. Mashinostroi'tel' no.6:25 Je '66.

MACHINE TOOLS—ELECTRIC DRIVING

Asynchronous drive of position mechanisms of machine tools. V.G. Zuzman, A.M. Meistell. Stan.i instr. 37 no.6:8-12 Je '66.

Performance of drives with magnetic amplifiers under dynamic conditions. I.I. Emel'ianova and others. Stan.i instr. 37 no.6:13-15 Je '66.

Rivin, E.I. [Dynamics of machine-tool drives] Dinamika privoda stankov. Moskva, Mashinostroenie, 1966. 203 p.

MACHINE TOOLS—HYDRAULIC DRIVING

Kuznetsov, R.I. [Machine-tool attachments with hydraulic drives; design and construction] Stanochye prisoobleniya i gidravlicheskiye privodami; konstruirovaniye i raschet. Moskva, Mashinostroenie, 1966. 155 p.

MACHINE TOOLS—RELIABILITY

Increasing the reliability and durability of metal-cutting equipment. M.O. Iakobson. Mashinostroi'tel' no.6: 41-44 Je '66.

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Extending technological potentialities of some machine tools. E.N. Perov. Stan.i instr. 37 no.6:22-24 Je '66.

MACHINE TOOLS—TRANSMISSION DEVICES

Reducing the torsional pliability of gearboxes. A.L. Voronov. Stan.i instr. 37 no.6:3-4 Je '66.

MACHINE TRANSLATING

Precise methods for studying text structure. M.A. Probst. Kibernetika no.1:94-100 In-F '66.

Problem of selecting the meaning of a word and semantic intervals. I.I. Ratsava. NTI no.5:36-47 '66.

Semantic limitation for regulation of multiple synthesis in automatic translation; toward a grammar of elementary meanings. A. Wierzbicka. NTI no.5:27-29 '66.

MACHINERY—ABSTRACTS

[Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref.zhur.: Mashinostroi, mat., konstr.i.rasch.det.mash.Gidr. no.5 My '66.

[Technology of machinery manufacture] Ref.zhur.: Tekh.mashinostr. no.5 My '66.

MACHINERY—DESIGN AND CONSTRUCTION

[Design and manufacture of machinery] Proektirovaniye i proizvodstvo mashin; sbornik trudov. Riga, Zvalgene, 1965. 562 p.

Evaluating the precision of the statistical method of strength analysis of structures. L.N. Rudinkina. Vest.mashinostr. 46 no.5:14-15 My '66.

L'vov, D.S. [Principles of the economic designing of machinery] Osnovy ekonomicheskogo proektirovaniya mashin. Moskva, Ekonomika, 1966. 295 p.

Methods for designing an optimal parametric set of machines. A.V. Ivanov. Vest.mashinostr. 46 no.6: 79-82 Je '66.

Problems in improving the quality of the designs of new machinery. M.S. Priimakov. Vest.mashinostr. 46 no.6: 83-84 Je '66.

Ralko, M.V. [Design of machine parts and units] Roz-rakunok detalей i vyzyly mashyn. Kyiv, Tekhnika, 1966. 491 p.

MACHINERY—DRAWINGS

Goncharov, G.I. [Composition and reading of drawings in machinery manufacture] Sostavleniye i chitaniye chertozhev v mashinostroenii. Izd.3., perer.i dop. Moskva, Mashinostroenie, 1966. 211 p.

MACHINERY—DYNAMICS

Kozhevnikov, S.N., ed. [Dynamics of machinery] Dinamika mashin; sbornik statei. Moskva, Mashinostroenie, 1966. 500 p.

MACHINERY—RELIABILITY

Changes in the laws of distributions of durability indices of machines and their parts. R.V. Kugel', V.B. Geislovich. Vest.mashinostr. 46 no.5:9-13 My '66.

Derbasov, N.M. [Increasing the reliability and durability of machinery] Povysheniye nadezhnosti i dolgovечnosti mashin. Moskva, Nedra, 1966. 166 p.

MACHINERY—TESTING see subdivision under Kharkov

MACHINERY—TRANSMISSION DEVICES

[Theory of transmissions in machines] Teoriya peredach v mashinakh; sbornik statei. Moskva, Mashinostroenie, 1966. 310 p.

MACHINERY INDUSTRY

(see also subdivision under Leningrad)

Development of machinery manufacturing in the five-year plan. V. Lebedev. Plan.khoz. 43 no.7:1-13 Ji '66.

The second plenum of the Central Board of the Scientific and Technological Society of the Machinery Industry. N.S. Fedotenko. Vest.mashinostr. 46 no.5:87 My '66.

The U.S.S.R. is the largest exporter of machinery and equipment. I. Andreev. Vnesh.torg. 46 no.6:3-9 '66.

MACHINERY INDUSTRY—ABSTRACTS

[Problems of technological progress and the organization of production in the machinery industry] Ref.zhur.: Vop.tekh.prog.i org.proizv.v mashinostr. no.5-6 My-Je '66.

MACHINERY INDUSTRY—AUDITING AND INSPECTION

see subdivision under Volga Valley

MACHINERY INDUSTRY—CONGRESSES

From the organizational committee of the All-Union Conference. S.S. Chetvertkov. Mashinostroi'tel' no.6:3 Je '66.

MACHINERY INDUSTRY—FINANCE see subdivision under Karacharovo (Moscow Province)

MACHINERY INDUSTRY—MANAGEMENT

(see also subdivision under Leningrad; Sevan, Armenia; Sverdlovsk Province; Vladimir Province)

Decisions of the 23d Congress of the CPSU and problems in the development of the machinery industry. K.K. Vinogradov. Vest.mashinostr. 46 no.5:3-8 My '66.

Decisions of the 23d Congress of the CPSU form our program. Mashinostroi'tel' no.6:1 Je '66.

Economic efficiency of the specialization in the manufacture of machine parts in the machinery industry. N.S. Sachko. Vest.mashinostr. 46 no.6:84-86 Je '66.

Some problems in the specialization of the founding machinery industry. N. Ivashkina. Plan.khoz. 43 no.7:85-86 Ji '66.

Some problems of specialization in the machinery industry. A.G. Omarovskii. Vest.mashinostr. 46 no.5: 78-81 My '66.

MACHINERY INDUSTRY—MECHANIZATION

Dobroslavskii, L.I., and others. [Overall mechanization of production in the heavy machinery industry] Kompleksnaya mekhanizatsiya proizvodstva v tiazhe- lom mashinostroenii. Pod obshchey red. M.G. Umlan-gina. Moskva, Mashinostroenie, 1966. 242 p.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Problems in economic stimulation of technical progress. Vest.mashinostr. 46 no.6:89-90 Je '66.

Soviet inventions in mechanical engineering. Vest.mashinostr. 46 no.5:87-88 My '66.

MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING see subdivision under Prokopyevsk (Kemerovo Province)

MACROMOLECULAR COMPOUNDS

Particular features of the chemical structure of high-molecular cycloparaffinic petroleum hydrocarbons. A.I. Petrov and others. Neftekhimika 6 no.2:165-171 Mr-Ap '66.

MACROMOLECULAR COMPOUNDS—CONGRESSES

Symposium on Macromolecular Chemistry in Prague. Zhur. VKHO 11 no.3:327-330 '66.

MACROMOLECULES

Structurally bonded water and biological macromolecules. K.S. Trinchin. Usp.sovr.biol. 61 no.3:338-353 My-Je '66.

MAGADAN PROVINCE—CIVIL DEFENSE—STUDY AND TEACHING

Much may be adopted. A. Nedzdaev. Voen.znan. 42 no.6:20-21 Je '66.

MAGNESIUM—METALLURGY

Interaction between magnesium oxide and manganese-containing intermetallic compounds. E.G. Safonova, E.I. Khazanov. Syr.res.leg.met.Vost.Sib. 5:117-122 '65.

MAGNESIUM—TESTING

Plasticity of deformed magnesium. E.S. Antkhozhin. Trudy Inst. met.i obog. AN Kazakh.SSR 15:10-13 '66.

MAGNESIUM BORATES

Metastability of magnesium borate in the ternary system $MgO - B_2O_3 - H_2O$ at 25°C. P. F. Rzaev, G. Bagirov, G. S. Sedelnikov. Azerb. khim. zhur. no. 2:117-125 '64.

MAGNESIUM CHLORIDES

Extraction of boron from magnesium chloride solutions by alcohols. G. R. Borovik. Izv. AN SSSR no. 3. Ser. khim. nauk no. 1:142-143 '66.

MAGNESIUM ISOTOPES

Study of γ -rays from the reaction of inelastic scattering and radiative capture of protons by Mg^{26} nuclei. A. A. Koval' and others. Izv. AN SSSR, Ser. fiz. 30 no. 7: 1213-1220 J1 '66.

MAGNESIUM-NICKEL ALLOYS—THERMODYNAMICS

Thermodynamic properties of alloys in the system magnesium-nickel in the solid state. G. M. Lukashenko, V. N. Ereminov. Izv. AN SSSR, Met. no. 3:161-164 My-Je '66.

MAGNESIUM OXIDES

Interaction between magnesium oxide and $FeAl_3$, $FeSiAl_5$ and the Al-Si eutectic. E. G. Safonova, L. A. Anfilogova, S. A. Stakheeva. Syr. res. leg. met. Vest. Sib. 5:123-126 '65.

MAGNESIUM SALTS

Effect of magnesium ions on the conformation of ribonucleic acid. I. A. A. Epshtein. Izv. Old. biol. nauk. AN Tadzh. SSR no. 1:111-118 '66.

MAGNESIUM TUNGSTATES

Catalytic decomposition of H_2O_2 under the effect of $MgWO_4 \cdot Mg(NO_3)_2$. Magnesium peroxotungstates. G. A. Begdjanov, N. A. Korotchenko. Zhur. fiz. khim. 40 no. 3:1009-1014 My '65.

MAGNETIC AMPLIFIERS

Boharchenkov, M. A., and others. [Pulse-type controllers using contactless magnetic elements] impul'snye regulirovaniya na beskontaktnykh magnitnykh elementakh. Moskva, Energiya, 1966. 110 p. (Biblioteka po avtomatike, no. 180)

Calculation of transient processes in bridge circuits for connecting single-phase magnetic amplifiers. I. I. Bocharov. Trudy LPI no. 259:61-68 '65.

Calculation of transient processes in electric drive systems with magnetic amplifiers using the isoclines method. M. G. Rintsev. Trudy LPI no. 259:8-17 '65.

Logarithmic magnetic amplifiers. E. I. Kuznetsov, I. B. Negnevitskiy, S. H. Negnevitskiy. Avtom. i telem. no. 5:117-150 '66.

Magnetic amplifiers used in the power controllers of the VEI system. L. F. Alekseev and others. Trudy VEI no. 73:233-247 '65.

MAGNETIC CIRCUITS

Analytical design of magnetic circuits with distributed parameters. M. I. Beiy, N. G. Gorodnev. Avtom. i telem. no. 5:178-183 '66.

Choice of the optimal value of the air gap of an induction motor. A. I. Berger. Izv. vys. ucheb. i energ. 9 no. 6: 100-112 Je '66.

Problems of the theory of an amplydne amplifier with a split magnetic circuit. E. A. Dikarev. Elektrotehnika 37 no. 5:9-11 My '66.

MAGNETIC FIELDS

Determining the ultimate magnetic field for cylindrical superconductors. V. A. Litovchenko. Trudy Un. druzh. nar. 11, Fiz. no. 1:133-138 '65.

Effect of a magnetic field on the 180-degree domain boundary of a magnetotaxial ferromagnetic. A. I. Mitsak. Izv. AN SSSR, Ser. fiz. 30 no. 6:947-948 Je '66.

Helical magnetic configurations with minimum \bar{B} . N. M. Zueva, L. S. Solov'ev. Atom. energ. 20 no. 5:396-401 My '66.

Hyperfine interactions in the Ni-Mn alloy. P. N. Steisenko, I. U. I. Arsenyev. Izv. AN SSSR, Ser. fiz. 30 no. 6: 952-963 Je '66.

Measuring plasma energy with the "Tokamak" unit by fluctuations of the longitudinal magnetic flux. K. A. Razumova. Atom. energ. 20 no. 5:459-464 Je '65.

Synthesis of a two-dimensional magnetic field on a ferromagnetic plane. E. V. Kolesnikov. Izv. vys. ucheb. zav. i elektromekh. 9 no. 5:497-505 '66.

Thermomagnetic treatment of the 66-permalloy and silicon iron in a rotating magnetic field. F. I. Dunaev, N. S. Malev. Fiz. met. i metalloved. 20 no. 6:936-937 D '65.

MAGNETIC FIELDS—PHYSIOLOGICAL EFFECT

Changes in the EEG in rabbits during the effect of a permanent magnetic field. R. A. Chizhenkova. Biul. eksp. biol. i med. 61 no. 6:11-15 Je '66.

MAGNETIC FIELDS (COSMIC PHYSICS)

Magnetic fields at different depths of the solar atmosphere. A. B. Severynyi. Astron. zhur. 43 no. 3:465-479 My-Je '66.

MAGNETIC FORMING

Metal forming by a pulsating magnetic field. Part 2: Characteristics of forming a blank by a pulsating magnetic field. E. A. Popov and others. Kuz. shtam. proizv. 8 no. 6:2-8 Je '66.

MAGNETIC MATERIALS

Determination of the energy of domain boundaries in ferromagnetic films. I. F. Degtiarev, V. S. Prokopenko, G. G. Vasil'ev. Izv. AN SSSR, Ser. fiz. 30 no. 6:1058-1069 Je '65.

Double-layer films of manganese-permalloy with unidirectional anisotropy (features of domain structure). A. A. Glazer, A. P. Potapov, R. I. Tagirov. Izv. AN SSSR, Ser. fiz. 30 no. 6:1059-1061 Je '66.

Generation of a polydomain state in ferromagnetics. E. V. Shol'ts. Izv. AN SSSR, Ser. fiz. 30 no. 6:1042-1045 Je '66.

Role of vacancies and dislocated atoms in the formation of induced anisotropy. A. G. Lesnik, G. I. Levin, V. M. Nedostup. Izv. AN SSSR, Ser. fiz. 30 no. 6: 1050-1054 Je '66.

Some features of nuclear magnetic resonance in ferromagnetics. V. A. Ignatchenko, I. U. A. Kudenko. Izv. AN SSSR, Ser. fiz. 30 no. 6:933-935 Je '66.

Spatial dispersion of the velocity of ultrasound in ferromagnetics having a domain structure. K. B. Vlasov. Izv. AN SSSR, Ser. fiz. 30 no. 6:943-944 Je '66.

MAGNETIC MATERIALS—BOUNDARY VALUE PROBLEMS

Contribution to the theory of domain boundary in ferromagnetics. V. A. Ignatchenko, I. U. V. Zakharov. Izv. AN SSSR, Ser. fiz. 30 no. 6:945-946 Je '66.

Effect of a magnetic field on the 180-degree domain boundary of a magnetotaxial ferromagnetic. A. I. Mitsak. Izv. AN SSSR, Ser. fiz. 30 no. 6:947-948 Je '66.

MAGNETIC MATERIALS—ELECTRIC PROPERTIES

Quantum theory of Kerr effect in ferromagnetic metals. A. V. Vedaev, E. I. Kondorskiy. Izv. AN SSSR, Ser. fiz. 30 no. 6:921-925 Je '66.

MAGNETIC MEASUREMENTS

Discrete method for measuring the magnetic characteristics of magnetically hard materials. E. S. Reshet'ko. Izv. vys. ucheb. zav. i elektromekh. 9 no. 5:568-569 '66.

Susceptibility of ferrospinel above Curie point. E. S. Borovik, I. U. A. Mampul. Izv. AN SSSR, Ser. fiz. 30 no. 6:1079-1082 Je '66.

Transducers of inductance and magnetization of magnetically hard materials. V. V. Martynov. Izv. vys. ucheb. zav. i elektromekh. 9 no. 5:540-552 '66.

Unit for automatic measurement of magnetic induction in sheets of transformer steel. V. V. Gukhshtein, M. M. Leshchiner. Zav. lab. 32 no. 5:622-624 '66.

MAGNETIC MEMORY (COMPUTERS)

Use of special coding methods to increase the capacity of storage units using magnetic recording. V. I. Vershinskiy, V. M. Mikhalev. Zhur. vych. mat. i mat. fiz. 6 no. 3:548-554 My-Je '66.

MAGNETIC MOMENTS

Contribution to the theory of motion of magnetic moment. A. M. Rodichev. Izv. AN SSSR, Ser. fiz. 30 no. 6:936-937 Je '66.

Magnetic moments of two-quasi-particle states of deformed nuclei. E. P. Grigor'ev, A. V. Zolotarev, V. O. Sergeev. Izv. AN SSSR, Ser. fiz. 30 no. 7: 1176-1184 J1 '66.

Rotation of magnetic moment in permalloy films. G. M. Rodichev, N. P. Linkovskiy. Izv. AN SSSR, Ser. fiz. 30 no. 6:1002-1004 Je '66.

MAGNETIC RECORDERS AND RECORDING

Magnetic tape recorder installed in the "Volga" automobile. I. U. Alekseev. Radio no. 5:34-39 My '66.

Magnetic tape recorders manufactured in 1966. V. Slizkov, R. Shol'ts. Radio no. 5:40-43 My '66.

Miniature tape recorder. I. U. Zuzh, E. Petrov. Radio no. 5:45-47 My '66.

MAGNETIC RECORDERS AND RECORDING—HAND-BOOKS, MANUALS, ETC.

Kurbatov, N. V., and E. B. Yanovskiy. [Handbook on magnetic tape recorders] Spravochnik po magnitofonam, Izd. 2., 1. ispr. i dop. Moskva, Energiya, 1966. 110 p. (Massovaya radiotekhnika, no. 806)

MAGNETIC STORMS

Some characteristics of magnetic and ionospheric disturbances in the transition zone. E. P. Glushkova. Ion. issl. no. 14:104-116 '65.

MAGNETIC TESTING

Magnetic flaw detection at the Yaroslavl Automobile Engine Plant. V. A. Shkurin, I. A. Sokolov. Avi. prom. 32 no. 6:41-43 Je '66.

Magnetic quality control of the hardening and quenching of high-speed steels. I. K. Kupalova. Fiz. met. i metalloved. 18 no. 1:39-46 J1 '64.

MAGNETISM

Iziumov, I. U., and R. P. Ozerov. [Magnetic neutron diffraction examination] Magnitnaya neutronografika, Moskva, Nauka, 1966. 532 p. (Fiziko-matematicheskaya biblioteka inzhenera)

MAGNETISM—PHYSIOLOGICAL EFFECT

Role of electric and magnetic fields in the vital activity of biological specimens. L. K. Chernova. Elek. str. mat. no. 3:64-70 '65.

MAGNETISM, TERRESTRIAL

Akademika nauk SSSR. Kol'skii filial, Kirovsk. Polarnyi geofizicheskii institut. [High-latitude studies in the field of geomagnetism and aeronomy] Vysokoshirotnye issledovaniya v oblasti geomagnetizma i aeronomii. Moskva, Nauka, 1966. 110 p.

Relation of movements in the ionosphere to magnetic activity. V. D. Kokorov. Ion. issl. no. 14:77-85 '65.

Some ionospheric and geomagnetic effects of large chromospheric flares. G. M. Khochikova. Ion. issl. no. 14:100-103 '65.

MAGNETITE

Oxidation of ferrous oxide in magnetite melts in the ultrasonic field. A. S. Bili'n'sh, V. N. Krylov. Zhur. prikl. khim. 39 no. 5:1194-1195 My '66.

MAGNETITE CRYSTALS

Temperature dependence of the spontaneous intensity of magnetization of a magnetite single crystal at low temperatures. N. V. Vokonshtein, T. D. Zotov. Izv. AN SSSR, Ser. fiz. 30 no. 6:979-980 Je '66.

MAGNETIZATION

Temperature dependence of the spontaneous intensity of magnetization of a magnetite single crystal at low temperatures. N. V. Vokonshtein, T. D. Zotov. Izv. AN SSSR, Ser. fiz. 30 no. 6:979-980 Je '66.

MAGNETIZATION, EFFECT OF TEMPERATURE ON

Temperature dependence of the spontaneous magnetization of ferromagnetic materials on the basis of Green's function method. I. U. A. Iziumov, I. M. Noskova. Fiz. met. i metalloved. 18 no. 1:20-25 J1 '64.

MAGNETOACOUSTIC EFFECT

Spin-phonon interaction in yttrium ferrite (excitation of magnetoelastic waves by ultrasound). G. A. Smolenskii, A. Nanyrov. Izv. AN SSSR, Ser. fiz. 30 no. 6:990-1001 Je '66.

MAGNETOCHEMISTRY

Magnetochemical nature of a transformation of magnetic properties of ferrites by the introduction of ions-activators. D. E. Bondarev. Izv. AN SSSR, Ser. fiz. 30 no. 6:1076-1078 Je '66.

MAGNETOHYDRODYNAMICS

Approximate determination of variations in the electroconductivity of a gas in vortical magnetohydrodynamic flow. A. I. Bortinov and others. Teplofiz. vys. temp. 4 no. 1:66-72 Ja-F '66.

Hysteresis effects in flows of a conducting gas in the channel of a magnetohydrodynamic energy converter. L. A. Vullis, K. E. Dzhagashin. Teplofiz. vys. temp. 4 no. 1:59-65 Ja-F '66.

Layers near electrodes characterized by a sharp change of potential on "hot" electrodes. G. A. Likhachev. Teplofiz. vys. temp. 4 no. 1:120-132 Ja-F '66.

Two-dimensional isothermal flow of a conductive liquid and a gas in a channel in the presence of an electric and a magnetic field. I. K. Kukin, G. G. Smolin. Teplofiz. vys. temp. 4 no. 1:73-79 Ja-F '66.

MAGNETOMETER

Possibility of using a magnetron in the capacity of a magnetometer. A. M. Rezikhin, K. G. Agabekian. Radiotekh. i elektron. 11 no. 7:1246-1251 J1 '66.

MAGNETO-OPTICS

Theory of optical spectra in magneto-ordered dielectrics. V. A. Popov. Izv. AN SSSR, Ser. fiz. 30 no. 6:927-932 Je '66.

MAGNETOSTRICTION

Magnetic and magnetostrictive properties of rare-earth ferrites-garnets at low temperatures. K. P. Belov, V. I. Sokolov. Izv. AN SSSR, Ser. fiz. 30 no. 6:1073-1075 Je '66.

MAGNETOTHERMAL EFFECTS see Thermomagnetism

MAGNETRONS

Possibility of using a magnetron in the capacity of a magnetometer. A. M. Rezikhin, K. G. Agabekian. Radiotekh. i elektron. 11 no. 7:1246-1251 J1 '66.

Synchronization of a magnetron generator. A. F. Tereshchenko. Radiotekh. i elektron. 11 no. 6:1142-1145 Je '66.

al MAHDI, SADDIK, 1936-

People and events: Saddik al Mahdi; Ferruy Bazzayil. Nov. vrem. 24 no. 32:15, 20 Ag '66.

MAKOP--STREET LIGHTING

Being order into street lighting. V. Bessarabov. Zh. tekhn. 13 no. 5:15 My '64.

MAIL, ORDER BUSINESS

Markovsk. P. Kolesnikov. Kulsh. 17 no. 6:21 Je '66.

MALISEV, PETR VLADIMIROVICH, 1889-1966

P. V. Malisev. Bibliogr. Avtom., telera, i selazh. 10 no. 5:13 My '66.

MAIZE see Corn (Maize)

MAKEYEVA --IRON AND STEEL PLANTS

Thermal hardening of reinforcement rods at the Makeyeva Metallurgical Plant. V. M. Kravchenko and others. Met. i gorn. prom., no. 3:1-12 My '66.

MALAGASY--INVESTMENT, FOREIGN

Foreign capital in the Malagasy Republic. G. Akonheva. Mirova. i mezhdunar. otn., no. 5:107-109 '66.

MALAWI

Konovay, E. M., and D. G. Lepota. [Malawi] Malawi. Moskva, Myt, 1966. 78 p. (Ukrayn. infra)

MALAYA ALMAATINKA VALLEY--CHROMIUM

Grushnik, M. E. [The road leads to the mountains; reference guidebook on the Malaya Almaatinka Valley] Doroga vedet v gory; spravochnik-polevoditel' po dorogam Malai Almaatinki. Alma-Ata, Izd-vo "Kazakhstan" 1965. 164 p. illus.

MALE--GEOMORPHOLOGY

Main problems in the geomorphology of Malen and Mal. D. V. Solov'yov, D. M. Mikhaylov. Izv. Vsesoyuzn. nauchn. ts. no. 4:116-121 My '66.

MALONIC ACID

Oxidative conversion of organic acids in illuminated chloroplasts. Report No. 2. Comparison of oxidative processes involving malate and malonate. I. B. Mikhaylov and others. Fiziol. rast., 13 no. 3:416-423 My '66.

Phenyl-methoxycarboxylic acid ester. Zh. I. Bogdanov, O. S. Stepanov, R. A. Anisimov. Zhur. VKhG 11 no. 3:333-351 '66.

MALYTSKA, KORNTANTYNA, 1873-1947

Slyova Federatsiya Ukrainykh zhovnykh organizatsiy. [Korntantyna Malyska, educator of generations; public worker, pedagogue and writer] Vykhoysta pokoln' Korntantyna Malyska; hromadska diachka, pedagozhka i pyshnytsya. Toronto, 1963. 124 p. (RR)

MAN--INFLUENCE OF NATURE

One more few words about the geographical environment. A. V. Kolesnikov. Izv. Vsesoyuzn. nauchn. ts. no. 3:127-130 My '66.

Some aspects of the interaction of nature and society as exemplified by the history of the reclamation of the lower Amu Darya Valley in the 18th and 19th centuries. R. V. Andrianov. Izv. Vsesoyuzn. nauchn. ts. no. 3:136-156 My '66.

MAN--ORIGIN

A discussion of the origin of man in the periodical "Current anthropology." R. A. Bessina. Voprosy. 41 no. 7:150-161 Je '66.

MAN, PREHISTORIC see subdivision under Ukraine

MANDELSTAM, GIP EMELEVICH, 1891-

Bushman, I. H. [The poetic art of Mandelstam] Poeticheskie iskusstvo Mandelstama. Minsk, Inst. po izucheni. 1964. 73 p. (RR)

MANGANESE

Determining concentrations of manganese. A. A. Babatova, Z. I. Davina. [Trudy] VNIIM no. 13:102-107 '64.

MANGANESE--ANALYSIS

Direct photometric determination of calcium and manganese by successive titration with complexon III. M. T. Borshchik, A. M. Sitina. [Trudy] VNIIM no. 11:116-118 '64.

MANGANESE ALUMINATE--THERMODYNAMICS

Constitutional diagram of the system MnO-Al₂O₃ and the thermodynamic properties of MnAl₂O₄. L. M. Levey, L. A. Noshchinskii. Izv. AN USSR. Met. no. 3:33-38 My '66.

MANGANESE CATALYSTS

Chernykh, Y. T. [Research on the use of manganese catalyst materials in the chemical industry] Issledovaniya po primeneni. manganitsykh katalizatorov v khimicheskoy promyshlennosti. Tbilisi, Metallurgiya, 1965. 138 p.

MANGANESE PERMATES

Establishing of fertility with a gas phase. Part 2. T. I. Dolgova, O. S. Zaitsev, A. G. Rozman. Zhur. Ra. khim., 43 no. 5:100-110 My '66.

MANGANESE IN THE BODY

Distribution and deposition of manganese in the animal organism. G. A. Alabiev. Lek. i yuzh. res. Irk. obl., no. 4:207-211 '65.

MANGANESE-IRON ALLOYS see Iron-manganese alloys

MANGANESE MINES AND MINING--EQUIPMENT AND SUPPLIES see subdivision under Nikol' region (Ukraine)

MANGANESE-NICKEL ALLOYS see Nickel-manganese alloys

MANGANESE STEEL--TESTING

Machinability of deformed high-manganese steels. G. I. Kufarev, V. I. Lavshin. Vent. mashinostr., 46 no. 6:73-74 Je '66.

MANNICH REACTION

Formation of hexahydroprindine derivatives in Mannich reaction with malonate. V. P. Dorovik, V. P. Monayev. Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:95-97 '66.

MANOMETER

Compensation differential manometer. Tramp. i khran. nefti i nefteprod., no. 3:37 '65.

Device for checking and controlling low-pressure manometers and manometric gauges. Tramp. i khran. nefti i nefteprod., no. 3:33-36 '65.

Klasev, A. A. [Protecting device for pump manometers] Predokhranitel' k manometram burovykh nanomov. Moskva, Nedra, 1966. 10 p.

MANGAKIA, SOPHIA MOISEVNA

Awarding the V. I. Vernadskii Prize. Vent. AN SSSR 36 no. 6:106 Je '66.

MANUFACTURES--ABSTRACTS

[Communal, household, and commercial equipment] Ref. zhur.; Kommun., byt. i org. obor., no. 5 My '66. [Light industry] Ref. zhur.; Leg. prom., no. 6 Je '66.

MANUSCRIPTS, CHURCH SLAVIC

Izbornik Svatozavla. [Manuscript collection of the Grand Duke Svatozavla Yaroslavich, 1073; published by Timofei Savvich Morozov] Izbornik volnogo kniazia Svatozavla Yaroslavicha, 1073 goda; izdaniye Timofeia Savvicha Morozova. Peterburg, 1880; Wiedaden, O. Hararowski, 1965. x, 532 p. facsimile. (Monumenta linguae slavicae dialecti veteris. Fontes et dissertationes, t. 3) (U)

MANUSCRIPTS, UKRAINIAN

Akulenko, M. H. [Manuscript collection of the Ukrainian manuscript of the 15th century] Ukrainskiy rukopisnyy XV st. Kyiv, Naukova dumka, 1965. 162 p. (Rukopisnyy Ukrainskiy rukopis XV st. Seriya faryadnykh literatury)

MANZHEROK, LAKE

Lake Ayn, Manzhelok and Tonpa in the Gornyy Altai. I. I. Seleznev. Izv. Akad. nauchn. ob-va SSSR no. 2:64-73 '63.

MAPS

Akademika nauk SSSR. Sibirskoe otdelenie. Institut geograficheskoy i klimaticheskoy kartografii. [Cartographic methods of integrated geographical studies] Kartograficheskiye metody kompleksnykh geograficheskikh issledovaniy. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 101 p.

MARDAKYAN (AZERBAIJAN)--HEALTH RESORTS, WATERING PLACES, ETC.

Effect of weather factors on the effectiveness of treating patients with chronic coronary insufficiency at the seaside health resort Mardakyan. N. M. Manashev, Azerb. med. zhur., 43 no. 4:53-56 Ap '66.

MARES see subdivision under Kazakhstan

MARONSK CANAL SYSTEM and Volga-Baltic Sea Waterway

MARINE BOILERS see Boilers

MARINE DIESEL ENGINES

Antonovsk, S. A. [Dynamic characteristics of the controlled members of marine diesel engines] Dinamicheskiye kharakteristiki upravlyayemykh sudovykh dizel'nykh dvigatelo. Leningrad, Sudostroenie, 1966. 233 p.

New textbook on marine internal combustion engines for technical colleges of river transportation. V. Lakhman, A. Platonov, A. Pavlichenko. Rezh. trany., 22 no. 8:62 Ap '64.

Study of the stresses of foundation frames with anchorless structures using optically transparent models. P. V. Gordin. Energomashinostr. 12 no. 12:23-25 D '65.

MARINE DIESEL ENGINES--CORROSION

Fuel system equipment protection from the corrosive action of sulfur. N. I. Khomchenko, G. S. Shchukin. Hyd. khim., 43 no. 5:20-32 '66.

MARINE DIESEL ENGINES--MAINTENANCE AND REPAIR

For wintering without repairs. A. Sentsov. Rezh. trany., 23 no. 4:35 Ap '64.

MARINE ENGINEERING

In the Board of the Ministry of the River Fleet. Rezh. trany., 23 no. 4:44-45 Ap '64.

Il'defort, G. B. [Mechanical equipment of high-speed launches] Mekhanicheskoe ustroystvo bystrokhodnykh katerov. Leningrad, Sudostroenie, 1966. 293 p.

MARINE PUMPS

Automatic control of ship system pumps. A. Smolner. Rezh. trany., 23 no. 4:23-25 Ap '64.

MARINE RAILWAYS see subdivision under Novosibirsk

MARINE SEDIMENTS

(see also subdivision under Krasnodar region)

Turbulence and turbidity in the shore areas of reservoirs and seas. A. V. Karavayev. Trudy GIN no. 132:43-56 '66.

MAINTIME METEOROLOGY see Meteorology, Maritime

MARITIME TERRITORY--ASPEN--DISEASES AND PESTS

Biology and ecology of the aspen leaf beetle Phyllocteta piceana in the southern Maritime Territory. R. A. Vukotich. Shor. rab. MLTI no. 11:109-112 '64.

MARITIME TERRITORY--ENCEPHALITIS--PREVENTION

Prevention of Japanese encephalitis in the Maritime Territory. V. I. Shchukov and others. Zhur. mikrobiol., epid. i immu., 43 no. 5:9-14 My '66.

MARITIME TERRITORY--GLACIAL--GEOLOGY

Reservoir properties of the Upper Triassic terrigenous rocks in the southern part of the Maritime Territory. M. E. Kaplan. Trudy VNIIM no. 237:170-176 '64.

MARITIME TERRITORY--LEAF ROLLERS

New species of leaf rollers (Lepidoptera, Tortricidae) from the southern Maritime Territory. V. I. Kuznetsov. Trudy Zool. inst., 37:177-207 '66.

MARITIME TERRITORY--LOADING AND UNLOADING--MECHANIZATION

Darling on cargo. V. I. Polyak. Sov. profsoyuzy 22 no. 11:14-15 Je '66.

MARITIME TERRITORY--PETROLEUM GEOLOGY

Reservoir properties of the Upper Triassic terrigenous rocks in the southern part of the Maritime Territory. M. E. Kaplan. Trudy VNIIM no. 237:170-176 '64.

MARITIME TERRITORY--WATER, UNDERGROUND--CLASSIFICATION

Use of V. A. Solov'yov classification for the waters of the supergenetic zone ("calcium chloride" and "magnesium chloride" types). L. N. Kapchenko. Trudy VNIIM no. 237:275-284 '64.

MARITIME TERRITORY--WHITEFLIES

Fauna of whiteflies (Homoptera, Aleyrodidae) of the southern Maritime Territory. E. M. Dantsig. Ent. obozr., 45 no. 2:364-366 '66.

MARKETING

Index of products sold. V. Nikitina, K. Kolosova. Plan. khoz., 43 no. 6:53-60 Je '66.

Sales index and methodological problems of its use. I. Pogoda. Voprosy. no. 7:16-25 '66.

MAROV PROCESSES

Hydrogeological problems for Markov processes with discrete intervention of chance. I. I. Iezhov. Dop. AN USSR no. 5:589-592 '66.

MARMOTS

(see also subdivision under Komi-Agach District)

Causes of the abundance of marmots in the Chaya Steppe. V. A. Sorokuchik. Izv. Akad. nauchn. ob-va SSSR no. 2:88-94 '63.

MARRIAGE CUSTOMS AND RITES

Celebration came to your house. A. Filatov. Sov. profsoyuzy 22 no. 11:32-33 Je '66.

MARRIAGE LAW

(see also subdivision under Azerbaijan)

Orlov, M. V. [Marriage and family under private international law] Brak i sem'ya v mezhdunarodnom chuzhdom pravo. Moskva, IMO, 1966. 292 p.

MARROW--BIOPSY

Improved needle used in obtaining bone marrow. M. I. Matoshkin. Trudy TVI 9:186-187 '65.

Method of obtaining a bone marrow punctate in sheep. M. I. Matoshkin. Trudy TVI 9:188-191 '65.

MARROW—THERAPEUTIC USE

Therapeutic effectiveness of bone marrow in the irradiation of mice with high-energy protons. IU. M. Zaretskaia. *Biol. eksp. biol. i med.* 51 no. 6:35-39 Je '66.

MARROW—TRANSPLANTATION

Symposium on the problems of bone marrow transplantation in leukemia. E. I. Vorob'ev, E. A. Lialin. *Med. rad.* 11 no. 6:90-94 Je '66.

MARSH TEA—THERAPEUTIC USE

Anthelmintic effect of marsh tea. S. D. Troitsenko. *Lek. i syr. res. Irk. obl.* no. 4:180-182 '65.

MARX, JENNY (VON WESTPHALEN), 1814-1881

Vinogradskaya, P. S. [Jenny Marx] Zhensk. Marks. *Izd. dop.* Moskva, Mysl', 1966. 357 p.

MARX, KARL, 1818-1883

Excerpts from the rough draft of Karl Marx's work "Zur Kritik der Politischen Ökonomie." *Vop. filos.* 20 no. 8:143-156 '66.

K. Marx in Russian periodical publications from 1860 to 1890. B. A. Trubetskoi. *Vop. ist. KPSS* 10 no. 7: 97-100 Ji '66.

Mal'ush, A. I. [Formation of Marxian political economy] Formirovaniye marksistskoi politicheskoi ekonomii. Moskva, Politizdat, 1966. 350 p.

MASERS

Measurement of the signal-to-noise ratio of electron-optical amplifiers. L. A. Peknyi, G. A. Gavrilov, S. B. Gurevich. *Radiotekh. i elektron.* 11 no. 7:1327-1329 Ji '66.

MASLOV, NIKOLAI ANTONOVICH, 1899-1965

In memory of Nikolai Antonovich Maslov, A. S. Baranenko, K. N. Nesis. *Vop. ikht.* 6 no. 2:351-356 '66.

MASS SPECTROMETRY

Mass spectrometric determination of the composition and vapor pressure of vanadium trifluoride. L. N. Sidorov and others. *Zhur. fiz. khim.* 40 no. 5:1151-1154 My '66.

Mass spectrometric determination of the rate constants of elementary reactions. Part 1: Method of diffusion cloud in a flow. Theory. A. F. Dodonov and others. *Kin. i kat.* 7 no. 3:385-392 My-Je '66.

Mass-spectrometric measurements of the neutral composition of the earth's atmosphere at altitudes of 100-430 km. A. A. Pokhunkov. *Ion. issl.* no. 14:26-40 '65.

Mass spectrometric study of the photoactivation of adsorbed molecules on the surface of zinc oxide and magnesium oxide. A. A. Lisachenko, F. I. Vlesov. *Vest. LGU* 21 no. 10:30-35 '66.

Theory of the omegatron for detecting positive and negative ions. B. I. Shabal. *Zhur. tekhn. fiz.* 36 no. 4: 720-725 Ap '66.

MASS TRANSFER

Dynamics of sorption in a fluidized bed. O. M. Todes, I. U. S. Leshin. *Zhur. fiz. khim.* 40 no. 5:1034-1040 My '66.

Mass transfer in the system $I_2 - CCl_4 - H_2O - KI$ studied by means of isotope exchange. V. N. Makshimov, B. Z. Iofa. *Dokl. AN SSSR* 168 no. 4:854-856 Je '66.

Renovation model and model of stationary concentration field. M. Kh. Kishinevskii. *Zhur. prikl. khim.* 39 no. 5:1085-1089 My '66.

Studying the hydrodynamics and mass transfer on ring lamellar plates. Reports No. 1 and No. 2. I. P. Slovodianik, L. G. Grigoriev. *Izv. vys. uchob. zav.; pishch. tekhn.* 31 no. 3:151-157 '66.

MESSAGE

Changes in the blood circulation system in patients with hypertension under the effect of exercise therapy and massage. I. N. Nozarova. *Vop. kur., fizioter. i tech. fiz. kult.* 31 no. 2:158-164 Mr-Apr '66.

MASSIP, SALVADOR, 1891-

Professor Doctor Salvador Massip; on his 75th birthday and 50th anniversary of his scientific, pedagogic, and civic activities. I. P. Gerasimov and others. *Izv. AN SSSR. Ser. geog.* no. 3:139-140 My-Je '66.

Salvador Massip y Valdes; on his 75th birthday. B. N. Semevskii. *Izv. Vses. geog. ob.-va* 98 no. 2:183-184 Mr-Apr '66.

MAST CELLS

Formation of mast cells in the skin of white rats. V. V. Vinogradov. *Biol. eksp. biol. i med.* 61 no. 6: 107-111 Je '66.

MASTICS

Moscow. Tsentral'nyi nauchno-issledovatel'skii i projektirovatsionnyi institut promyshlennyykh zdaniy i sooruzheniy. [Instructions on the manufacture of glass reinforced mastic roofs] Instruktsiya po ustroystvu mastichnykh krovel', armirovannykh stekloplastikami. Moskva, Stroizdat, 1966. 36 p.

MATERIALS—TESTING

Device for testing adhesive films under multiple strain. I. L. Shmurak, V. K. Shmigel'skii. *Zav. lab.* 32 no. 6: 615-616 '66.

One cause of the spread of results of mechanical tests of anisotropic materials. E. K. Ashkenazi, V. N. Elokhov. *Zav. lab.* 32 no. 5:597-599 '66.

Quick method for determining the mechanical characteristics of highly elastic materials in a complex stressed state. V. V. Lavrent'ev, O. F. Shlenskii. *Zav. lab.* 32 no. 5:583-585 '66.

Tenenbaum, M. M. [Resistance to abrasive wear of structural materials and machine parts] Iznosostoikost' konstruktivnykh materialov i detalей mashin pri abrazivnom iznashivani. Moskva, Mashinostroyeniye, 1966. 330 p.

MATERIALS AT HIGH TEMPERATURES

Research on the thermophysical properties of materials at high temperatures. A. E. Sheindlin. *Vest. AN SSSR* 36 no. 8:43-51 Je '66.

MATERIALS HANDLING see subdivision under Ukraine

MATERIALS HANDLING—ABSTRACTS

[Industrial transportation] Ref. zhur.; Prom. transp. no. 6 Je '66. Predmetnyi ukazatel' za 1965 g.

MATHEMATICAL ANALYSIS—PROBLEMS, EXERCISES, ETC.

Zaporozhets, G. I. [Handbook for the solution of problems in mathematical analysis] Rukovodstvo k resheniyu zadach po matematicheskomu analizu. Izd. 4., Moskva, Vysshaya shkola, 1966. 450 p.

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL LINGUISTICS

Plotrovskii, R. G. [Modeling of phonological systems and methods for comparing them] Modelirovaniye fonologicheskikh sistem i metody ikh sravneniya. Moskva, Nauka, 1966. 209 p. maps fold (in pocket)

Variational principles in linguistics. IU. A. Shreider. *Kibernetika* no. 2:49-56 Mr-Apr '66.

MATHEMATICAL MODELS

Economic and mathematical model for optimum balance of hydrocarbon raw materials. V. I. Luzin, E. A. Mukhacheva. *Gaz. delo* no. 5:39-42 '66.

MATHEMATICAL OPTIMIZATION

A class of methods of iterative solution of quick-operation problems. A. B. Rabinovich. *Zhur. vych. mat. i mat. fiz.* 6 no. 3:433-445 My-Je '66.

Model of the control of a blast furnace along the channel "Blast moisture - silicon content in the cast iron." V. P. Avdeev. *Izv. vys. uchob. zav.; Chern. met.* 9 no. 6:191-194 '66.

A special problem of optimum control. R. P. Fedorenko. *Zhur. vych. mat. i mat. fiz.* 6 no. 3:578-581 My-Je '66.

MATHEMATICAL PHYSICS

Akademii nauk URSS. Kiev. Institut matematiki. [Mathematical physics] Matematicheskaya fizika. Kiev, Naukova dumka, 1966. 193 p. (Respublikanskiy mezhvedomstvennyi sbornik)

Arsenin, V. I. A. [Mathematical physics; basic equations and special functions] Matematicheskaya fizika; osnovnye uravneniya i spetsial'nye funktsii. Moskva, Nauka, 1966. 387 p. (Fiziko-matematicheskaya biblioteka inzhenera)

Presentation of certain improper problems in mathematical physics. M. M. Lavrent'ev, V. G. Vasil'ev. *Sib. mat. zhur.* 7 no. 3:560-576 My-Je '66.

Solution to a single-phase Stephan-type problem. L. I. Rubinshteyn. *Dokl. AN SSSR* 168 no. 4:770-773 Je '66.

Vainshteyn, L. A. [Diffraction theory and the factorization method] Teoriya diffraktsii i metod faktorizatsii. Moskva, Sovetskoye radio, 1966. 430 p.

MATHEMATICAL STATISTICS

Akademii nauk Uzbekskoi SSR. Tashkent, Institut matematiki. [Limit theorems and statistical deductions] Predel'nye teoremy i statisticheskie vyvody. Tashkent, Izd-vo "Fan" Uzbekskoi SSR, 1966. 161 p.

Approximation of the characteristics of the statistical structure. L. S. Gandin, R. L. Kagan. *Trudy GGO* no. 101:18-21 '66.

Contribution to the theory of Hotelling's test. IU. V. Lin'nik, V. A. Pitas, O. V. Shalaevskii. *Dokl. AN SSSR* 168 no. 4:743-746 Je '66.

Distortions and errors occurring in the computations of statistical characteristics from experimental data. Part 1: Structural and correlation functions. N. Z. Arieli, E. K. Blutner. *Trudy GGO* no. 187:177-188 '66.

Distortions and errors occurring in the computations of statistical characteristics from experimental data. Part 2: Calculation of spectral densities. N. Z. Arieli, E. K. Blutner. *Trudy GGO* no. 187:189-206 '66.

Reduction of meteorological elements to areas. R. L. Kagan. *Trudy GGO* no. 101:122-132 '66.

Statistical structure of the averaged values of meteorological elements. A. I. Polishchuk, R. L. Kagan. *Trudy GGO* no. 101:92-121 '66.

Use of dispersion analysis in statistical processing of virological data. R. F. Gulyan, I. A. Chistilov, V. I. Rjabov. *Vop. vet. virus.* 2:150-159 '66.

MATHEMATICS

[Handbook on elementary mathematics, mechanics and physics] Spravochnik po elementarnoi matematike, mekhanike i fizike. Izd. 9. Minsk, Nauka i tekhnika, 1966. 260 p.

MATHEMATICS—DICTIONARIES

Western mathematical dictionaries and reference books of the 17th century. A. I. Markunovich. *Kniga i iskl. i mat.* 10:221-240 '65.

MATHEMATICS—STUDY AND TEACHING

Numerical calculations and programmed instruction in the institutions of higher technical education. R. S. Guter. *Vest. vys. shkoly* 24 no. 6:22-26 Ju '66.

MATRICES

Approximate method for calculating an S-matrix. A. N. Koshutrenko. *Dop. AN URSSR* no. 5:600-604 '66.

Localizability of gravitational energy and Dirac matrices. N. V. Mitkevich. *Trudy Un. druzh. nar.* 11, fiz. no. 1: 84-86 '65.

Melnikov, N. A. [Matrix method for the analysis of electrical networks] Matritsnyi metod analiza elektricheskikh tsepey. Moskva, Energiya, 1966. 216 p.

Method for the triangular factorization of a reciprocal matrix. V. N. Kabanovskaya. *Zhur. vych. mat. i mat. fiz.* 6 no. 3:555-556 My-Je '66.

Quadratic convergence of the Jacobi method in the case of multiple eigenvalues. E. D. Levinson. *Zhur. vych. mat. i mat. fiz.* 6 no. 3:556-559 My-Je '66.

MATRIX MECHANICS

Description of quantum transitions based on the concept of the matrix for transition probability amplitudes. V. S. Iarunin. *Vest. LGU* 21 no. 10:70-80 '66.

MATTER

Vdovychenko, H. H. [Philosophical problems in the modern natural sciences] Filozofskii pytaniya sučasnogo prirodopoznavstva. Kyiv, Vyd-vo Kyivskoho univ., 1966. 161 p.

MAURITANIA—POLITICS AND GOVERNMENT

In the country of iron and gum arabic. K. Maslov. *Nov. vrem.* 24 no. 20:20-30 Ji '66.

MAXILLARY SINUS

Contrast X-ray examination of the maxillary sinuses in candidates for flying schools. I. A. Golubshik. *Voen.-med. zhur.* no. 5:58-59 My '66.

Methodology of the study of the barofunction of the antrum of Highmore. I. G. Shitkov. *Voen.-med. zhur.* no. 12: 57-59 D '66.

MAYA VALLEY (YAKUTIA)—GEOLOGY, STRUCTURAL

Results of paleomagnetic studies of Middle Cambrian sediments in the Maya Valley. E. P. Sidorova. *Trudy VNIIGI* no. 237:220-224 '64.

MAYMA VALLEY—MORAINES

The Mayma moraine. A. S. Krut'kov. *Izv. Alt. iud. Gerg. ob.-va SSSR* no. 2:74-77 '63.

MAZUT

Experimental study of the formation of deposits in burning mazut. V. I. Khmyrov, S. I. Oshchakov. *Probl. teploenerg. i prikl. teplofiz.* no. 2:99-102 '65.

MAZUT—TRANSPORTATION

Experimental investigation of the starting regime of a "hot" mazut pipeline. L. S. Abramzon, M. A. Galil'mov, V. N. Stepanukhin. *Nef. khoz.* 44 no. 3:58-63 My '66.

MEADOW GRASS see subdivision under Soviet Central Asia

MEALY BUGS

Three new species of mealybugs of the fam. Pemphigidae (Homoptera, Coccoidea) in the U.S.S.R. N. S. Borikhenko, E. F. Kozarzhovskaya. *Trudy Zool. inst.* 37:36-40 '66.

MEASURE THEORY

On P. Khalmosh's theorem. V. N. Alekshuk. *Uch. zap. Ped. inst. Gork.* 274:3-6 '65.

MEASURING INSTRUMENTS

Field capillary meter. P. I. Fadeev. *Vest. Mosk. un.* Ser. 4: Geol. 21 no. 3:107-109 My-Je '66.

MEASURING WORMS see subdivision under Khoper Reserve

MEAT

Solov'ev, V. I. [Ageing of meat; theory and practice of the process] Sozrevaniye miasa; teoriya i praktika protsessa. Moskva, Pishchevala promyshlennost', 1966. 337 p.

MEAT—MICROBIOLOGY

Milichkin, G.S. [Microbiology of meat] Mikrobiologiya miasa. Moskva, Pishchevaya promyshlennost', 1966. 83 p.

Use of Professor G.V. Kolobolovskii's reaction for microbe toxins in determining the freshness of meat. V.A. Vereshchikov, T.P. Amel'kina. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:35-37 '65.

MEAT INDUSTRY see sub-division under Ivanovo Province

MEAT INSPECTION

Causes for meat rejection at Meat Inspection Station No. 1 (market with sheltered stalls). V.R. Strugov-shchikov, I.N. Vereshchikov. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:43-44 '65.

Use of tests for peroxidase in determining the freshness of fresh meat and frozen meat. E.V. Mal'nev, I.V. Turechenko. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:40-42 '65.

MECHANICAL DRAINS see Cybernetics

MECHANICAL DRAWING

Kirillov, A.F., and M.S. Sokolovskii. [Mechanical and architectural drawing] Chertchenie i risovanie. Moskva, Vysshaia shkola, 1966. 330 p.

Skliarenko, I.A. [Drawing of radio circuits] Kresleniia radioiskhem. Kyiv, Radians'ka shkola, 1964. 29 p.

MECHANICAL ENGINEERING

Structural and technological continuity. P.S. Chistov, A.I. Neumoin. Prom. Bel. 9 no. 4:60-62 Ap '66.

[Theory of transmissions in machines] Teoriia peredach v mashinakh; sbornik statei. Moskva, Mashinostroenie, 1966. 310 p.

MECHANICAL ENGINEERING—TECHNOLOGICAL INNOVATIONS

Soviet inventions in mechanical engineering. Vest. mashinost. 46 no. 6:91-92 Je '66.

MECHANICAL WEAR

Effect of roll grooving on the character of the simultaneous elastic work of the rolls on thin-sheet rolls. P.I. Polukhin, A.S. Kudrinskii, N.G. Bata. Trudy MEI no. 61 pt. 1:213-220 '65.

Effect of the structure and porosity on the wearing resistance and wear-in of austenitic manganese cast iron. V.B. Lindskii, A.I. Fedanin. Trudy Tdzh. sel'khoz. inst. 7:154-160 '65.

Machine for testing materials for mechanical wear. A.P. Dorushuk. Zav. lab. 32 no. 5:921-922 '66.

Wear and hardening of the surfaces of backup rolls on cold strip rolling mills. A.L. Khotomskii and others. Met. i gornorud. prom. no. 3:31-34 My-Je '66.

Wear resistance of internal electrolytic iron coatings of cylinders. Sh. Z. Zakirov. Trudy Tdzh. sel'khoz. inst. 7:143-48 '65.

MECHANICS

[Handbook on elementary mathematics, mechanics and physics] Spravochnik po elementarnoi matematike, mekhanike i fizike. Izd. 9. Minsk, Nauka i tekhnika, 1966. 200 p.

Nonequilibrium and low probability processes in classical mechanics. R.G. Gevorgian. Trudy Un. druzh. nar. 11, Fiz. no. 1:8-52 '65.

Pogorelyanskii, I.B. [From Lagrange to Einstein: classical mechanics of the 19th century] Ot Lagranzha k Einsteinu: klassicheskaya mekhanika XIX veka. Moskva, Nauka, 1966. 325 p.

Solvability of mechanical theories. G.P. Ushkant, Kibernetika no. 2:12 Mr-Apr '66.

Two interpretations of perturbed motions. P.A. Tsitovich, R. Khudalberdiev, Kh. Umarov. Vop. vych. mat. i tekhn. no. 6:75-77 '65.

MECHANICS—ABSTRACTS

[Mechanics] Ref. zhur.: Mekh. nos. 5-6 My-Je '66.

MECHANICS, APPLIED

Frafel'd, S.E., ed. [Dynamics and strength of structures] Dinamika i prochnost' sooruzhenii. Kiev, Budivelnik, 1965. 140 p.

Moscow, Tsentralfnyi nauchno-issledovatel'skii institut stroitel'nykh konstruktsii. [Instructions for calculating flooring for impulsive loads] Instruktsiia po raschetu potolkov na impul'snye nagruzki. Moskva, Stroiizdat, 1966. 133 p.

MECHANICS, CELESTIAL

A class of quasi-integrals in stellar dynamics. L.S. Marochnik. Astron. zhur. 43 no. 3:560-566 My-Je '66.

MECHANISMS

Balancing four-bar linkages. L.S. Shel'no. Vest. mashinost. 46 no. 6:30-33 Je '66.

Selecting lubricating materials for the driving mechanisms of circular interlock knitting machines (Czechoslovakia). V.P. Sorduk, I.D. Zibritskii. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 2:170-174 '66.

Sergevin, I.V. [Theory of mechanisms and machines] Teoriia mekhanizmov i mashin. Moskva, Vses. zaoch.-nyi in-t tekhnicheskoi i legkoii promyshl.

Pl. 1. [Kinematics of mechanisms] Kinematika mekhanizmov. 1965. 255 p.

Synthesis of flat mechanisms with lower pairs by the centroid method. B.P. Gorskii. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 2:173-187 '66.

Tsyplakov, I.U.S. [Biplanetary mechanisms] Biplanetarnye mekhanizmy. Moskva, Mashinostroenie, 1966. 96 p.

Using the least squares method of approximation in the synthesis of lever three-bar linkages. N.A. Chuprina. Izv. vys. ucheb. zav.; mashinost. no. 4:5-9 '66.

MECHANISMS—TESTING

Testing ball-bearing helical mechanisms. B.I. Pavlov, F.F. Lapanova. Vest. mashinost. 46 no. 6:24-28 Je '66.

MEDICAL BOTANY see Botany, Medical

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES

The students of medical schools extend their participation in public life. B.M. Cheknev, A.P. Il'inskii. Vest. vys. shkoly 24 no. 5:78-79 My '66.

MEDICAL ELECTRONICS

Device for registering physiological parameters. A. Vishnovskii, G. Kokarev. Radio no. 5:54-55 My '66.

MEDICAL GEOGRAPHY—ABSTRACTS

[Medical geography] Ref. zhur.: Med. geog. nos. 5-6 My-Je '66.

MEDICAL GEOGRAPHY—CONGRESSES

Nauchno-soveshchaniye po problemam meditsinskoi geografii. 2d, 1965. [Reports of the Second Scientific Conference on Problems of Medical Geography. Doklady] Leningrad, Geogr. ob-vo SSSR. Pis. 1-2. 1965. 2 v.

[MICROFILM]

MEDICAL GYMNASICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

All-purpose couch for aerobiotherapy. A.M. Voronov. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:175-176 Mr-Apr '66.

Portable chart illuminator for the determination of visual acuity. F.F. Zviagin. Voen.-med. zhur. no. 5:79-80 My '66.

Portable electrically rotating chair. S.S. Markarian, I.A. Sidelnikov. Voen.-med. zhur. no. 5:78-79 My '66.

MEDICAL JURISPRUDENCE

Karlukhin, V.I.A. [Forensic medical examination of lesions inflicted by stabbing and cutting instruments] Sudbenomeditsinskoe issledovanie povrezhdenii kolusheche-rezhushchimi orudiyami. Moskva, Meditsina, 1966. 226 p.

MEDICAL LAWS AND LEGISLATION

Is a physician an executive of the Soviet state? O. Syetlov. Rad. pravo 29 no. 6:69-72 Je '66.

MEDICAL MICROBIOLOGY

Bacteriological examinations in the process of treating persons with burns. M.A. Iakovlev. Voen.-med. zhur. no. 5:35-38 My '66.

Change in the sensitivity of bacterial cells to external agents caused by the incorporation of 5-bromouracil into their DNA. A.G. Skavrenskaya, L.A. Zamechuk, V.N. Mlyoztseva. Zhur. mikrobiol., epid. i immun. 43 no. 5:34-39 My '66.

Etiology of dysenteric diseases in adults. K.A. Morozov. Voen.-med. zhur. no. 5:48-50 My '66.

Skvorinov, V.V., V.S. Kiktenko, and V.D. Kucherenko. [Survival and indication of pathogenic microbes in the external environment] Vyzhivaemost' i indikatsiia patogennykh mikrobov vo vneshtnei srede. Izd. 2. Moskva, Meditsina, 1966. 369 p.

MEDICAL MICROBIOLOGY—TECHNIQUE

Study of botulin toxins and antitoxins by filtration through gel. Report No. 1: Study of botulin toxins and antitoxins of the A and C types by filtration through Sephadex G-100. V.B. Frelman, V.K. Goldshmidt. Zhur. mikrobiol., epid. i immun. 43 no. 5:62-68 My '66.

MEDICAL MICROSCOPY see Microscopy, Medical

MEDICAL PERSONNEL

Day of Medical Workers. Voen.-med. zhur. no. 6:7-8 Je '66.

MEDICAL PERSONNEL, MILITARY

Methodological training work at the district courses for the improvement of officers of the medical service. M.V. Dvoriantsev. Voen.-med. zhur. no. 12:80-83 D '66.

Names of heroes never die. F.V. Satriplinskii. Voen.-med. zhur. no. 6:7-8 My '66.

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL STATISTICS

Use of gradual statistical analysis for the solution of problems of differential diagnosis. B.V. Iovlev, I.M. Tonkonogii. Zhur. nevro. i psikh. 66 no. 5:708-714 '66.

MEDICAL TESTS

Importance of the nonspecific reactivity of the skin and the reactivity of the organism in clinical practice. T.O. Zhvandia. Trudy inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:279-286 '69.

Perception of the visual indicator in experimental illusion of a bank. V.A. Ponomarenko, N.D. Zavalova. Voen.-med. zhur. no. 12:55-58 D '65.

Sources of errors in the evaluation of the health condition of persons having been exposed to the effect of prolonged ionizing radiation. G.D. Baizogolov, A.K. Gus'kova. Med. rad. 11 no. 6:37-43 Je '66.

MEDICATED BATHS see Baths, Medicated

MEDICINE

Abstracts. IA, R. Gordon and others. Voen.-med. zhur. no. 12:74-78 D '65.

Abstracts. S.P. Dmitriev and others. Voen.-med. zhur. no. 5:71-77 My '66.

MEDICINE—ABSTRACTS

Innovative suggestions. S.A. Isser, M.G. Kuniavskii, N.L. Demidenko. Voen.-med. zhur. no. 6:85-86 Je '66.

[Medical abstracts] Med. ref. zhur. sect. 1 vol. 10 no. 6 Je '66. Sect. 2 vol. 10 no. 6 Je '66. Sect. 3 vol. 10 no. 6 My '66. Sect. 5 vol. 10 nos. 5-6 My-Je '66. Sect. 6 vol. 10 no. 5 My '66. Sect. 7 vol. 10 no. 5 My '66. Sect. 8 vol. 10 no. 5 My '66. Sect. 9 vol. 10 no. 5 My '66. Sect. 10 vol. 10 no. 5 My '66. Sect. 11 vol. 10 nos. 5-6 My-Je '66. Sect. 12 vol. 10 no. 6 Je '66. Sect. 13 vol. 10 nos. 5-6 My-Je '66.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—DICTIONARIES

[Little medical encyclopedia] Malala meditsinskaya entsiklopediia. Otv. red. V. Kh. Vasilenko. Moskva, Sovetskaya Entsiklopediia, Vol. 2. [Bronchodentitis - gonotomy] Bronkhodentit-gonotomia. 1966. 1200 columns 2 phonorecords (insert)

MEDICINE, GREEK AND ROMAN

Moscow, Vtoroi meditsinskii institut. [Medicine in the monuments of Latin and Greek literature] Meditsina v pamiatnikakh latinskoi i grecheskoi literatury. Moskva, 1966. 271 p. (Rs. Trudy)

MEDICINE, INTERNAL

Immediate prospects for the use of radioisotope diagnosis in the clinical aspects of internal diseases. M.N. Fateeva. Med. rad. 11 no. 6:13-18 Je '66.

MEDICINE, MILITARY

Anesthesiological and resuscitation aid in a remote garrison hospital. V.I. Dziuba, V.G. Dybok. Voen.-med. zhur. no. 5:65-66 My '66.

Characteristics of hospital contingents of patients with burns. V.N. Sheina. Voen.-med. zhur. no. 12:11-14 D '65.

Current methods for the individual evaluation of the physical development in officers. M.A. Sherninokov. Voen.-med. zhur. no. 6:30-34 Je '66.

Experience in the work of a district chief roentgenologist. E.A. Kaitazov. Voen.-med. zhur. no. 6:70-71 Je '66.

More efficient utilization of medical technology and more reasonable saving of funds. Voen.-med. zhur. no. 5:3-6 My '66.

New achievements in the health protection of Soviet soldiers. V.K. Kuz'minov. Voen.-med. zhur. no. 6:9-10 Je '66.

Organization of the fluorographic examination of troops in a district. G.A. Villunov and others. Voen.-med. zhur. no. 6:20-22 Je '66.

Preparation of preserved blood under field conditions. I.G. Chernavskii. Voen.-med. zhur. no. 5:66-68 My '66.

Problems of expertise on peptic ulcer in young persons. N.S. Akh'iev. Voen.-med. zhur. no. 12:30-34 D '65.

Significance of the fluorographic method for the detection of diseases of the chest. I.U. Kirsanov. Voen.-med. zhur. no. 6:22-25 Je '66.

Tasks of the science of military medicine in the light of the demands of the 23d Congress of the CPSU. Voen.-med. zhur. no. 6:3-6 Je '66.

Treatment of patients with stammering under the conditions of a military unit. M.I.A. Bondarchuk. Voen.-med. zhur. no. 6:71-74 Je '66.

MEDICINE, MILITARY—ABSTRACTS

Abstracts. I.U. Kirsanov and others. Voen.-med. zhur. no. 6:80-84 Je '66.

MEDICINE, NAVAL

- Experience in the organization of sanitary education on stomatology in the navy. S.N. Ugulava. Voen.-med. zhur. no.12:62-63 D '65.
- Prevention of rheumatism among navy personnel. V.I. Gushch, A.S. Solodkov. Voen.-med. zhur. no.6:76-77 Je '66.
- Some problems of the methodology of the study of traumatism on ships. A.A. Shmarov. Voen.-med. zhur. no.12:59-61 D '65.

MEDICINE IN LITERATURE

- Moscow. Vtoroi meditsinskii institut. [Medicine in the monuments of Latin and Greek literature] Meditsina v pamiatnikakh latinskoi i grecheskoi literatury. Moskva, 1966. 271 p. (Its: Trudy)

MEDICINE IN SPORTS see Sports medicine

MEDIEVAL ARCHITECTURE see Architecture, Medieval

MEDULLA OBLONGATA

- Effect of local X-ray irradiation of the medulla oblongata region on the state of the central link of depressor reflex. A.N. Balashova. Radiobiologiya 6 no.3:403-412 '66.

MEDVEZHNY ISLAND (POR'YA BAY)—SUBMARINE GEOLOGY

- Geologist-aquaturgers on Medvezhiy Island. A.V. Loskutov. Priroda 55 no.6:90-96 '66.

MEGION OIL FIELD—PETROLEUM GEOLOGY

- Lithologically screened oil pools in Aptian sediments of the Megion field in the West Siberian Plain. I.I. Nesterov, I.U. V. Shchepetkin. Neftgaz, geol. i geofiz. no.5: 8-10 '65.

MEIER, KONSTANTIN IGNAT'EVICH, 1881-1965

- Konstantin Ignat'evich Meier, a classic of Soviet botany; on the anniversary of his death. V.N. Tikhomirov. Biol. zhurn. no.1:10-16 Apr '66.

MENINGITIS

- Epidemiology of lymphocytic choriomeningitis. A.G. Panov, A.I. Shvarev. Voen.-med. zhur. no.6:53-55 Je '66.
- Purulent meningitis originating following head injury. S.L. Kipits. Zhur. nevro. i psikh. 66 no.7:1001-1004 '66.

MENSURATION

- Transmission function of the distortion by reception. V.N. Prokof'ev, I.A. Lazanova. Izv. vuz. ucheb. zav. mashinostr. no.4:73-77 '66.

MENSURATION—ABSTRACTS

- [Mensuration and measurement techniques] Ref. zhur. i metr. i tzm. tekhn. no.5 My '66.

MENTAL DEFICIENCY

- Gemellary method in studying oligophrenia. I.A. Gurvich. Zhur. nevro. i psikh. 66 no.7:1038-1040 '66.
- Klinefelter's disease and oligophrenia. N.N. Timofeev and others. Zhur. nevro. i psikh. 66 no.7:1045-1050 '66.
- Some mental characteristics of patients with Klinefelter's syndrome. M.M. Baishkaia, N.N. Grinberg. Zhur. nevro. i psikh. 66 no.7:1050-1053 '66.

MENTAL FATIGUE see Fatigue, Mental

MENTAL HYGIENE

- Mobile seminar of the World Health Organization on problems of mental hygiene and the arrangement of psychiatric aid. N.M. Zharikov, M.G. Shchirina. Zhur. nevro. i psikh. 66 no.5:789-791 '66.

MENTAL ILLNESS

- Psychic disorders following prolonged insulin coma. L.B. Braverman. Zhur. nevro. i psikh. 66 no.5:726-731 '66.

MERCHANT BUILDINGS—DESIGN AND CONSTRUCTION

- of the material and technical base. V. v. torz. 39 no.6:14-16 Je '66.

- 1-2. Dokument. Zhur. org. kadm. 2 no.4:710-713 Ap '66.

MERCAPTO COMPOUNDS—PHYSIOLOGICAL EFFECT

- Effect of β -mercaptoethylamine on the cardiovascular system and the morphological composition of peripheral blood. V.A. Kozlov. Biol. eksp. biol. i med. 61 no.5: 75-78 My '66.

MERCAPTO GROUP

- Sulfhydryl groups and disulfide bonds in the proteins of heated grain. G.I. Kotliar, G.A. Lebedev, T.G. Zhuravskina. Izv. vuz. ucheb. zav.; pishch. tekhn. no.3: 33-35 '66.

MERCHANT MARINE

- Tumma, I.D. [Mechanization and automation in marine transportation] Mekhanizatsiya i avtomatizatsiya na morskoy transporte. Moskva, Transport, 1966. 61 p.

MERCHANT SEAMEN

- In the basis of the federation. A. Pozdnev. Rech. transp. 23 no.4:26 Ap '64.
- Shipmasters are studying the work practices of the Irtysh River transportation men. A. Roitburd. Rech. transp. 23 no.4:27 Ap '64.

MERCURY-ARC RECTIFIERS

- Transistorized circuits for network control of mercury-arc rectifiers. V.M. Usin and others. Trudy VGI no.73:266-287 '66.

MERCURY ELECTRODES see Electrodes, Mercury

MERCURY ORES

- (see also subdivision under Kazakhstan)

- Role of the physicochemical screen in the localization of mercury. A.M. Dobrians'kiy. Dop. AN URSR no.5: 647-650 '66.

MERCURY ORGANIC COMPOUNDS see Organic-mercury compounds

MERINO SHEEP

- Results of crossing local coarse-wool sheep in Lvov Province with French Merino rams. M.M. Potulnytskyi. Nauk. pratsi zootekh. fak. UASHN 15 no.2:54-63 '61.

MERINO SHEEP—FEEDING AND FEEDS see subdivision under Kazakhstan

MESENTERY—CANCER

- Surgical tactics in tumors of the stomach growing into the mesentery of the transverse colon. O.P. Amelina. Vop. onk. 12 no.6:80-82 '66.

MESONS

- Measurement of π^+ -meson lifetime. A.F. Dunaltsev and others. IAd. fiz. 4 no.1:105-109 Ji '66.
- Production of π -mesons in n -p collisions at 600 Mev. I.U. M. Kazanov, I.U. N. Simonov. IAd. fiz. 4 no.1: 139-147 Ji '66.
- Suppression of large transfers in peripheral interactions as a manifestation of the nucleon "amearing." I.A. Kachin, A.S. Tolmacheva, P.A. Usik. IAd. fiz. 4 no.1:102-104 Ji '66.

MESONS—CAPTURE

- Depolarization of μ -mesons in the production of μ -mesons on nuclei with $Z \leq 1$ spin. A.P. Bakh-vostov. IAd. fiz. 4 no.1:83-87 Ji '66.

MESONS—DECAY

- π^+ -meson photoproduction on He^4 near the threshold. A.S. Belousov and others. IAd. fiz. 4 no.1:110-117 Ji '66.

MESONS—ELECTROMAGNETIC PROPERTIES

- Possibility of determining the electromagnetic shape factors of W-meson. Doan Nkhyong. IAd. fiz. 4 no.1:123-125 Ji '66.

MESSERER, B.

- An artist on a tour. E. Rakhina. Teatr 25 no.10:90-100 O '64.

METABOLISM

- Some aspects of metabolism and tissue dosimetry of Ra^{226} . V.M. Malykhin, V.P. Shamov, G.S. Reznik. Med. rad. 11 no.6:35-38 My '66.

METABOLISM, DISORDERS OF

- Metabolic changes originating in the blood of patients with acquired cardiac defects following operative interventions. E.P. Stepanian, E.L. Gusevich. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:126-129 '65.

METAL CRYSTALS

- Plastic deformation of single crystals of nickel. Part 1: Effect of crystallographic orientation on the curves of compression and distribution of slip traces in deformed specimens at room temperature. M.V. Klassen-Nekhtudova and others. Fiz. met. i metalloved. 18 no.1:97-105 Ji '64.

METAL CRYSTALS—GROWTH

- Effect of conditions of deformation on the linear rate of growth of nickel recrystallization centers. I.N. Larikov, E.E. Zushchuk, M.N. Semenenko. Fiz. met. i metalloved. 18 no.1:106-110 Ji '64.

METAL CUTTING

- Analysis of cutting conditions by the reliability of the technological system. V.I. Ishtukin. Vest. mashinostr. 46 no.6:53-55 Je '66.
- Effect of the allowance of a billet on the time of its machining. V.T. Polujanov. Vest. mashinostr. 46 no.6: 50-53 Je '66.
- New technology for machining the sphere of ball bearing of the turning cam of the "Ural-375" automobile. R.P. Petukhov. Avt. prom. 32 no.6:43-44 Je '66.

- Parameters of the friction process in metal cutting. M.B. Gorvion. Stan. i instr. 37 no.6:31-32 Je '61.
- Precision of machining parts in mandrels. M.A. Easlan, R.A. Petrosiants. Vest. mashinostr. 46 no.6:75-77 Je '66.
- Resistance to cutting of certain brands of steel by hot cutting shears. I.L. Tsekhnov, G.F. Smirnov. Izv. vuz. ucheb. zav.; Chern. met. 9 no.6:112-115 '66.
- Zarekovich, A.A. [Multicut planing] Mnogolezvytnoe stroganie. Moskva, Mashinostroenie, 1966. 109 p.
- Zorev, N.N., and Z.M. Felisova. [Machining high-melting alloys; based on molybdenum] Obrabotka rezantov legirovannykh sployov, na osnove molibdena. Moskva, Mashinostroenie, 1966. 224 p.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

- (see also subdivision under Moscow)

- The BHM-1 pointless cutting tool. G.S. Mironov. Mashinostroitel' no.6:9 Je '66.
- Cutters for machining heated alloys. I.U. S. Kul'baka, B.I.A. Borisov. Mashinostroitel' no.6:18-19 Je '66.
- Cutting tools made of tungsten-molybdenum steels. G.A. Kossovich, V.D. Nesterov. Mashinostroitel' no.6: 20-23 Je '66.
- Cutting tools with a shortened back surface. G.S. Niko-leva. Mashinostroitel' no.6:10 Je '66.
- Cutting tools with a shortened front surface. M.I. Kluehin, I.U. Zotov. Mashinostroitel' no.6:6-9 Je '66.
- Design and introduction of high-resistant cutting tools. A.N. Reznikov. Mashinostroitel' no.6:3-5 Je '66.
- Hobbing cutters with new cutting systems. S.N. Medved-takov. Mashinostroitel' no.6:16-17 Je '66.
- Metal-cutting tool production in the five-year period, 1966-1970. G. Kopylov. Nauch. dokl. vuz. shkol; ekon. nauki 9 no.3:57-61 '66.
- Modern design of gear-cutting tools. I.U. V. Tsvet. Mashinostroitel' no.6:13-16 Je '66.
- Reducing the consumption of hard-alloy cutting tools. V.D. Rusyl, V.I. Shagan. Prom. Bel. 9 no.4:31-36 Ap '66.
- Tool holder with automatic recall of cutting tools. E.P. Minovich. Stan. i instr. 37 no.6:43 Je '66.
- Toolholders with a mechanical fastening. V.K. Semst-skiy. Mashinostroitel' no.6:12 Je '66.
- Zakharenko, I.P., and M.Z. Mil'shtein. [Structural parameters of hard-alloy metal-cutting tools machined with diamond wheels] Konstruktiivnye parametry tverdosploynogo metallorazhushchego instrumenta, obrabatyvaemogo almaznymi krugami. Pod obshchey red. V.N. Bakuta. Kiev, Tekhnika, 1966. 22 p.

METAL-CUTTING TOOLS—RELIABILITY

- Reliability of cutting tools of semiautomatic lathes. E.S. Vysockovskiy. Vest. mashinostr. 46 no.6:16-19 Je '66.

METAL DETECTORS

- Industrial flaw detectors. Prom. energ. 21 no.5:63-64 My '66.

METAL SPRAYING

- [Metal spraying] Metallizatsiya raspyleniem. [By] N.V. Kats i dr. Moskva, Mashinostroenie, 1966. 197 p.

METALLIC FILMS

- Oriented growth of an oxide film on beryllium. L.D. Kozlomiets, V.K. Khorenko. Fiz. met. i metalloved. 20 no.8:860-863 D '65.

METALLIC FILMS—MAGNETIC PROPERTIES

- Studying the magnetic properties of nickel films prepared by chemical methods. N.V. Kotelnikov and others. Fiz. met. i metalloved. 20 no.6:837-844 D '65.

METALLIC FILMS—TESTING

- Studying condensation films of beryllium. I.S. Palatek, A.I. Fedorenko. Fiz. met. i metalloved. 16 no.1:60-72 Ji '64.

METALLIC ORGANIC COMPOUNDS see Organic-metallic compounds

METALLIC OXIDE CRYSTALS

- Theoretical consideration of the F⁺-colorcenters in crystals of bivalent metal oxides. B.I.A. Puzinskii. Vest. LGU 21 no.10:66-70 '66.

METALLIC OXIDES

- Effect of various additions on the surface tension of fused alkali metal carbonates. Part 1. G.K. Molisev, G.K. Stepanov. Trudy Inst. elektrokhim. UFAN SSSR no.7: 97-104 '65.
- Energy of formation of defects in lattices of some oxides having fluorite-type structure. V.N. Chebotin. Trudy Inst. elektrokhim. UFAN SSSR no.7:115-129 '65.
- Factors affecting the consolidation rate of particles in the system metal-oxide phase. A.A. Derjabin, S.I. Popov. Izv. vuz. ucheb. zav.; Chern. met. 9 no.6: 6-11 '66.
- Mass spectrometric study of the photoactivation of adsorbed molecules on the surface of zinc oxide and magnesium oxide. A.A. Lisenchenko, F.I. Vilesov. Vest. LGU 21 no.10:30-35 '66.

METALLOGRAPHY

Akademiya nauk SSSR. Minsk. Fiziko-tekhnicheskii institut. [Metallography and the heat treatment of metals] Metallovedeniye i termicheskaya obrabotka metallorov. Otv. red. E. G. Konyalov. Minsk, Nauka i Tekhnika, 1965. 222 p.

Constitutional diagrams of metal systems published in 1963 (no. 9) [Diagrammy sostoiyeniya metallicheskikh sistem, opublikovannyye v 1963 godu (vyipusk 9)] [By] I. P. Glinka, R. B. Minin, I. A. Petrov. Pod red. N. V. Agapova. Minsk, Proizvodstvenno-Izdatelskii kombinat VINITI, 1966. 377 p.

METALLURGICAL CHEMISTRY see Chemistry, Metallurgical

METALLURGICAL ANALYSIS

Forma in which copper is present in highly ferruginous and silicate ores. A. A. Mordukhai, I. P. Koshchikov. Izv. AN SSSR, Met. no. 5:50-51, 1965, 1 p.

METALLURGICAL FURNACES

Empirical conditions for operation on natural gas. A. S. Dzhigalov. Gaz. prom., 11 no. 5:37-41, 1966.

Interaction of a flux smelting furnace system with the heating surface. A. V. Lomonosov, A. V. Popov, D. D. Koshchikov. Probl. topleniya, i prikl. teplofiz., no. 2:110-115, 1965.

Designing and adjusting a reverberatory furnace operating on natural gas. I. A. M. Derman and others. Gaz. prom., 11 no. 5:49-50, 1966.

Thermal characteristics of flame formation for nonoxide heating. V. I. Koshchikov, I. D. Koshchikov. Gaz. prom., 11 no. 5:41-43, 1966.

METALLURGICAL FURNACES—PROTECTIVE ATMOSPHERES

Adjusting a furnace for bright annealing using a protective atmosphere. V. A. Matveyev and others. Gaz. prom., 11 no. 5:43-45, 1966.

METALLURGICAL LABORATORIES

Simulation of plant units in the laboratory of the (All-Union) Institute. A. E. Kibik. Zav. lab., 32 no. 3: 443-444, 1966.

METALLURGICAL PLANTS—ACCIDENTS see Anti-divulgence under Bulgaria (Azerbaijan)

METALLURGICAL PLANTS—ELECTRIC EQUIPMENT

Lyshchik, P. B. [Operation of electrical machinery branches in metallurgical plants] Eksploataatsiya elektromekhanicheskoy i metallicheskoy promyshlennosti. [Moscow] Metallurgiya, 1966. 197 p.

METALLURGICAL RESEARCH—CONGRESS

For an active research in the field of progress in production processes. M. I. Gerasimov. Met. i gorn. prom. prom., no. 10:2-24, 1965, 1 p.

METALLURGY see also Metallurgy under Europe, Eastern; Ukraine

METALLURGY—ABSTRACTS

[Metallurgy] Ref. zhur. (Met., no. 5, 1966.

METALLURGY—BIBLIOGRAPHY see Bibliography—Metallurgy

METALLURGY—CONGRESS

First Session of the Scientific Council in the Parliament of the Academy of Sciences of the U.S.S.R. on the problem of "New processes for the production and treatment of metals." [Leningrad] Izv. AN SSSR, Met., no. 3:93-95, 1965.

Schmidt, and to help of a conference of young specialists at the Petrozavodsk Metallurgical Plant. E. I. Kozlov, E. I. Kozlov, R. V. Koshchikov. Met. i gorn. prom., no. 10:2-24, 1965, 1 p.

Thermal conditions on the use of electromagnetic hydric dynamics in industry. P. D. Koshchikov. Met. i gorn. prom., no. 10:2-24, 1965, 1 p.

METALS

Photochemical determination of iron and silver in double hydrides. A. R. Kozlov, R. G. Syrovatkin. Trudy GGO, no. 11:10-12, 1965.

METALS—HISTORICAL

The nature of gold specimens. V. A. Samoilov. Trudy Inst. met. i zlog. AN Kazakh SSR, 13:2-9, 1966.

METALS—CORROSION

Pit formation in compounds as metallographic indicators for corrosion. E. I. Kozlov, E. I. Koshchikov, E. A. Kozlov. Zhur. metalloved., 31 no. 5:50-51, 1966.

METALS—FRACTURE

Making use of the crack propagation energy to determine the fracture toughness of a metal under the effect of cyclic loading. V. G. Ivanova, V. G. Koshchikov, V. P. Koshchikov. Izv. AN SSSR, Met., no. 3:130-133, 1965, 4 p.

METALS—HEAT TREATMENT

(See also Metallurgy under Armenia)

Akademiya nauk SSSR. Minsk. Fiziko-tekhnicheskii institut. [Metallography and the heat treatment of metals] Metallovedeniye i termicheskaya obrabotka metallorov. Otv. red. E. G. Konyalov. Minsk, Nauka i Tekhnika, 1965. 222 p.

Thermodynamic diagrams and real quenching curves, structure, and properties of machine parts. K. P. Stachukov and others. Dop. AN USSR no. 6:774-778, 1965.

METALS—TESTING

Methods of additional evaluation of the deformation of specimens during the tensile testing of metals. I. M. Pavlov, A. E. Shchel, D. E. Tarasov. Trudy MEI no. 64, pt. 1:1-21, 1965.

Moskovskiy elektrolitnyy zavod, Moscow. [Metals and alloys for electric vacuum apparatus] Metally i splovy dlya elektrovakuumnykh priborov. Pod obshchey red. A. N. Nishchikova. Moskva, Energiya, 1965. 60 p. Illus.

METALS, EFFECT OF TEMPERATURE ON

Changes in the thermoelectromotive force of alloys in the system bismuth-lead during their melting. B. P. Pavlov, N. P. Nishchikova. Fiz. met. i metalloved., 20 no. 6:645-649, 1965.

Dependence of the mechanical properties of iron-nickel alloys on temperature. I. M. Pavlov, G. N. Mekhed, V. A. Gerasimov. Trudy MEI no. 64, pt. 1:10-17, 1965.

Effect of the annealing temperature on the phase constitution of hardened iron-nickel alloys. V. A. Gerasimov, I. M. Pavlov. Fiz. met. i metalloved., 20 no. 1:10-14, 1965.

METALS AT HIGH TEMPERATURES

Changes in the mechanical properties of chromium at high temperatures. D. E. Koshchikov, V. D. Mekhed. Trudy Inst. met. i zlog. AN Kazakh SSR, 13:30-41, 1966.

METALS IN THE BODY

Diurnal Na/K rhythm in the saliva and its changes under the effect of ACTH, prednisolone, dexamethasone, and smoking in hypertension. N. L. Andrianov. Zhur. ekspan. i klin. med., 6 no. 2:30-41, 1966.

METALWORK

Binding strap iron with vertical web. V. A. Timonchenko. Kniz. zashch. proizv., 8 no. 6:23-24, 1966.

Machinability of pure metals by elastic waves. V. A. Abramov, I. I. Timonchenko. Fiz. met. i metalloved., 18 no. 1:99-102, 1965.

Popov, I. A. [Electrolytic and electrochemical methods of processing materials in metallurgy] Elektroliticheskiye i elektrokhimicheskiye metody obrabotki materialov v metallovedeniye. Leningrad, Gostekhnizdat, 1965. 358 p.

METALWORK—ESTIMATES

Donetsk (1973-1974). U.S.S.R. Gosstatrazvestnyy komitet po statisticheskoye. [Uniform norm and estimates for construction, assembly, and repair work for 1966; estimates recalculated on the basis of the new price scale] Edinye normy i tsenniki na stroitel'nyye, montazhnye i remontno-stroitel'nyye raboty 1966 g.; pereschitannyye tsenniki na osnovy novykh tsennik. Moskva, Statizdat. [Collection 34] Spravk. 34. [Forging and fitting operations] Kuznechno-stroitel'nyye raboty. 1966. 72 p.

METAMORPHISM (GEOLOGY)

(See also Metallurgy under Karak Magnetic Anomaly) Coexistence of metamorphism and their possible significance in the study of metamorphic rocks. P. V. Zaitsev. Dokl. AN SSSR, 146 no. 4:600-602, 1966.

METAMORPHISM

Some characteristics of the behavior of molybdenum in the process of metamorphism. A. V. Volodinski, B. E. Mikhelish. Geokhimiya no. 4:470-473, 1966.

METASTASIS

Direction of tumor cells in the abdominal cavity in cases of stomach cancer. M. A. Zylina. Vopr. onk., 12 no. 6: 21-26, 1966.

METEORITES

(See also Metallurgy under Podkamennaya Tunguska Valley)

General features of the origin of meteorites. A. A. Tsygankov. Astron. zhur., 43 no. 3:467-468, 1966.

METEOROLOGICAL STATIONS

Large-scale atmospheric processes and the problem of the station network. L. S. Gindlin. Trudy GGO no. 101: 5-17, 1965.

METEOLOGY

(See also Metallurgy under Northern Hemisphere; Volga River Reservoir)

Approximation of the characteristics of the statistical structure. L. S. Gindlin, R. I. Kagan. Trudy GGO no. 101:10-21, 1965.

Distortion and errors occurring in the computation of statistical characteristics from experimental data. Part 2: Calculation of spectra densities. N. Z. Artelt, E. R. Blumner. Trudy GGO no. 101:190-200, 1965.

Distortion and errors occurring in the computation of statistical characteristics from experimental data. Part 1: Structural and correlation functions. N. Z. Artelt, E. R. Blumner. Trudy GGO no. 101: 177-188, 1965.

Optimal periods of averaging in measuring the meteorological fields. Chibrikov M. M. (Chibrikov M. M.). Izv. AN SSSR, Fiz. i tekhn. nauk, 2 no. 5:486-493, 1965.

Reduction of meteorological elements to areas. R. I. Kagan. Trudy GGO no. 101:123-132, 1965.

Statistical structure of the averaged values of meteorological elements. A. I. Polubinskiy, R. I. Kagan. Trudy GGO no. 101:102-121, 1965.

Structure of the planetary boundary layer under stationary conditions (nonlinear problem). B. G. Vager, G. Kh. Tselin. Trudy GGO no. 101:44-63, 1965.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—CHARTS, DIAGRAMS, ETC.

Accuracy of the analysis of synoptic charts by various methods. R. M. Kagan. Trudy GGO no. 101:133-145, 1965.

Improving the methodology of plotting charts showing the number of lightning discharges. V. D. Koshchikov and others. Trudy GGO no. 100:3-10, 1965.

METEOROLOGY—OBSERVATIONS

Effect of instrumental errors on the precision of meteorological measurements. L. I. Buzhinskaya, R. I. Kagan. Trudy GGO no. 101:72-76, 1965.

METEOROLOGY, AGRICULTURAL

Temperature factor in the determination of the soil maintenance period for cattle in the U.S.S.R. L. S. Potapova. Izv. AN SSSR, Ser. geogr., no. 3:70-85, 1965.

METEOROLOGY, MARITIME

Calculation of winds and tangential stresses on a water surface. R. S. Buzhinskaya, L. I. Buzhinskaya, G. Kh. Tselin. Trudy GGO no. 101:133-145, 1965.

Determining the effective radiation emitted by the surface of the sea during the day. G. V. Gindlin. Trudy GGO no. 101:71-78, 1965.

METEOROLOGY, MARITIME—CONGRESSES

Symposium on the problem "Interaction of the ocean and the atmosphere." V. V. Shumov. Izv. AN SSSR, Ser. geogr., no. 3:143-144, 1965.

METEORIS

Equipment and methods for studying irregular movements in the meteor zone. I. A. Delya. Izv. met. i zlog., no. 1: 133-140, 1965.

Minor meteor streams. A. K. Terent'eva. Izv. met. i zlog., no. 1:102-103, 1965.

Orbits of meteor streams from radio echo observations at Kharkov. D. I. Koshchikov, V. N. Koshchikov, M. P. Lagutin. Izv. met. i zlog., no. 1:111-116, 1965.

Some results of visual observations of meteor trails. L. S. Buzhinskaya. Izv. met. i zlog., no. 1:7-11, 1965.

Telescope observations of meteors as a method for studying upper atmospheric processes and the radio act for these observations during the 1955. A. M. Babayev. Izv. met. i zlog., no. 1:137-141, 1965.

Variations in telescope meteor heights. K. A. Shchegolev. Izv. met. i zlog., no. 1:100-102, 1965.

Visible distribution of radiants of sporadic meteors according to data of azimuth radar observations. R. A. Popov. Izv. met. i zlog., no. 1:146-152, 1965.

METEORIS—OCTOBER

Study of the trail of an Orionid meteor on October 22, 1965. D. Gindlin. Izv. met. i zlog., no. 1:156-158, 1965.

METHACRYLIC ACID

Griffith copolymerization of poly- β -naphthyl methacrylate solution and the properties of polymeric cells near precipitation point. V. E. Eskin, A. E. Nesterov. Vysokomol. soed., 8 no. 6:1015-1020, 1966.

METHACRYLIC ACID—FLUID DYNAMICS

Light scattering and hydrodynamic properties of tertiary polybutyl methacrylate. M. Kozhukarova, V. G. Skozin, E. G. Buzhinskaya. Vysokomol. soed., 8 no. 6:1003-1007, 1966.

METHANE

Combustion of lean methane-air mixtures. V. N. Abramov, T. P. Ignatova. Probl. topleniya, i prikl. teplofiz., no. 2:50-57, 1965.

Effect of initial gas dilution by water vapor in the electrocracking of methane. D. T. Ustin, E. N. Eremin, V. I. Sidorenko. Zhur. prikl. khim., 39 no. 5:1141-1147, 1966.

Liberation of methane from the exposed seam surface in a longwall. S. N. Osipov, E. I. Buzhinskaya. Ugl. Dkr., no. 6:43-45, 1966.

METHANESULFONAMIDE

Crystalline and molecular structure of methanesulfonamide. L. G. Voronova. Zhur. struk. khim., 7 no. 2: 260-263, 1966.

METHANOL

Kinetics and mechanism of catalytic interaction of isocyanates with alcohols in the presence of organotin compounds. Part 1: Kinetics of the reaction of p-chlorophenyl isocyanate with methyl alcohol in the presence of tin dibutyl dilaurate. S.G. Entelis, O.V. Nesterov. *Kin. i kat.* 7 no. 3:464-469 My-Je '66.

Kinetics of methanol conversion on a silver catalyst. A.I. Vitvitskii, I.P. Mukhlenov, A.I.A. Averbukh. *Zhur. prikl. khim.* 39 no. 5:1124-1130 My '66.

Viscosity of liquid methanol at high pressures. N.P. Isakova, L.A. Oshueva. *Zhur. fiz. khim.* 40 no. 5:1130-1131 My '66.

METHANOL—SPECTRA

Reaction of alkylamine salt with methanol in carbon tetrachloride. V.V. Sergievskii, I.D. Frolov, G.S. Karatnikov. *Zhur. fiz. khim.* 40 no. 5:1001-1004 My '66.

METHYL BORATES

Study of the reaction between triallylboron and methyl borate by the proton magnetic resonance method. B.M. Mikhailov and others. *Izv. AN SSSR. Ser. khim.* no. 6:1117-1118 '66.

METHYL GROUPS

Alkylated aromatic amines. Part 7: Effect of methyl groups at nitrogen and also in ortho and para-positions of benzene ring on the ultraviolet spectra and ionization constants. N.I. Kudrieshova, N.V. Khromov-Borisov. *Zhur. org. khim.* 2 no. 4:378-383 Ap '66.

METHYLENE BLUE—SPECTRA

Red form of methylene blue. Kh. L. Arvan. *Zhur. fiz. khim.* 40 no. 5:977-978 My '66.

MEXICO—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

A city built by the "race of giants." V.I. Guliayev. *Vop. ist.* 41 no. 7:215-219 JI '66.

MGA RIVER—NAME

Origin of the names Moyka and Mga. I.U. G. Gnezdilov. *Izv. Vses. geog. ob-va* 98 no. 2:177-179 Mr-Apr '66.

MIASKITE see subdivision under Ural Mountains

MICE see subdivision under Voronezh Province

MICHAEL REACTION

Mobility of hydrogen atoms in monohydroperfluoroalkanes and related compounds. Report No. 2: Monohydroperfluoroisobutane in the Michael reaction. I.L. Krasnitsa, S.T. Kochanov, E.M. Rokhlin. *Izv. AN SSSR. Ser. khim.* no. 6:1057-1062 '66.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

I.V. Michurin and present-day genetics. N.P. Dubinin. *Vop. filios.* 20 no. 6:59-70 '66.

MICHURINSK—COMMUNITY LIFE

In the house which belongs to the factory. I. Vorontsov. *Agitator* no. 16:30-34 Ag '64.

MICROBIOLOGY—CONGRESSES

World microbiology on the threshold of new discoveries: a report. V. Rozen. *Nov. vrem.* 24 no. 32:28-29 Ag '66.

MICROCINEMATOGRAPHY

Study of infected cells according to microcinematography. F.I. Ershov, I.I. Kvokov. *Eksp. biol. i med.* 61 no. 6:111-112 '66.

Experience in the determination of the sensitivity of microbes to antibiotics. Z. Kh. Rudoi, K.A. Petrov, A.T. Khatsevskii. *Voen.-med. zhur.* no. 6:74-75 Je '66.

Results of the experimental study of a phthalazide-resistant strain of BCG. L.I. Naklumsn, A.M. Rozenberg. *Zhur. mikrobiol., epid. i immunit.* 43 no. 5:73-78 My '66.

MICROPALEONTOLOGY, STRATIGRAPHIC see subdivision under Dnieper-Donets Lowland

MICROSCOPY

Microscopic examination of bayerite. A.A. Chistakova, V.B. Tatarskii. *Zhur. prikl. khim.* 39 no. 5:1018-1024 My '66.

MICROSCOPY, MEDICAL

Shul'gina, N.B. [Methodology of the microscopy of the living eye] *Metodika mikroskopii zhivogo glaza*, Moskva, Tsentr. in-t usovershenstvovaniia vrachei, 1966, 23 p. (DNLM)

MICROTOME

Device used in the manufacture of glass knives. I.B. Tokin, N.V. Nenarokov. *Arkh. anat., gist. i embr.* 50 no. 3:102-104 Mr '66.

MICROWAVE COMMUNICATION SYSTEMS

Mel'nikin, A.A. [Antenna-waveguide circuits of radio relay communication lines] *Antenna-volnovodnye trakti radioreleinykh linii svyazi*. Moskva, Svyaz', 1966, 112 p. (Novoe v tekhnike svyazi)

MICROWAVE MEASUREMENTS

Effect of a high-frequency load on the sensitivity of a crystal detector during the measurement of the fluctuations of the amplitude of a harmonic signal. L.I. Borisova, A.F. Ermol'yanov, S.S. Karatetskii. *Radioelektr. i elektron.* 11 no. 7:1311-1312 JI '66.

Method for measuring the Hall effect at microwave frequencies using a degenerated resonator. E.M. Trukhan. *Radioelektr. i elektron.* 11 no. 7:1257-1265 JI '66.

Receiver with an n-InSb detector for studying absorption spectra in the submillimeter band. K.A. Aganbekian and others. *Radioelektr. i elektron.* 11 no. 7:1252-1256 JI '66.

MICROWAVE TUBES

Linear spiration with M-type projector. K.G. Naidov-Zhelezov, A.L. Platonova. *Radioelektr. i elektron.* 11 no. 7:1322-1324 JI '66.

MICROWAVES

Beginning of the mutual overlap of bands covered by insens and travelling-wave tube. M.B. Golant and others. *Radioelektr. i elektron.* 11 no. 7:1321-1322 JI '66.

Birefringence on microwaves. B.Sh. Perkal'skii, V.L. Larin. *Usp. fiz. nauk* 80 no. 1:163-164 My '66.

Calculation of the parameters of the lunar line. A.I. Terebchenko, A.I. Strel'chenko, A.E. Zaitsev. *Radioelektr. i elektron.* 11 no. 6:1006-1008 JI '66.

Calculation of the Q-factor of a helical delay line with a solid screen. I.U. S. Belov. *Radioelektr. i elektron.* 11 no. 6:1134-1135 Je '66.

Design of multibeam-multistage rod-type delay systems. V.M. Dnashnikov. *Radioelektr. i elektron.* 11 no. 7:1317-1321 JI '66.

Experimental study of the transparency of the earth's atmosphere for submillimeter band waves. V.I. Rladov, G.A. Sharenov. *Radioelektr. i elektron.* 11 no. 6:1037-1045 Je '66.

Kolono, M.A. [Attention—long distance reception] *Vnimanie—dali priemi*. Moskva, Znanie, 1966, 44 p. (Novoe v zhizni, nauka, tekhnika, XIV Seriya: Radioelektronika i svyaz', no. 6)

Nonlinear theory of space charge waves in a one-dimensional drifting electron flow. Space charge waves; convection current. O.N. Sokolov, A.I. Shityrov. *Radioelektr. i elektron.* 11 no. 7:1218-1226 JI '66.

Nonlinear theory of space charge waves in a single-dimensional drifting electron current. Statement of the problem; general solution. O.N. Sokolov, A.I. Shityrov. *Radioelektr. i elektron.* 11 no. 6:1092-1099 JI '66.

Plane antennas with randomly placed radiators. M.B. Zakson, V.V. Merkulov. *Radioelektr. i elektron.* 11 no. 6:1128 Je '66.

Quasimagnetic traveling-wave amplifier using ferrite with chromium impurity combined with a magnet with superconductive windings. E.G. Solov'ev and others. *Radioelektr. i elektron.* 11 no. 7:1196-1199 JI '66.

Radiation of electromagnetic waves during the motion of an electron flow above a lattice lying on the boundary of a semi-infinite anisotropic dielectric. V.A. Buregman and others. *Radioelektr. i elektron.* 11 no. 7:1238-1247 JI '66.

Separation and sequential amplification of a difference frequency in a plasma-beam system. N.I.A. Kotarsenko, A.M. Fedorchenko. *Radioelektr. i elektron.* 11 no. 7:1325-1327 JI '66.

Special features of the causticity of a cylindrical wave in a tapered-layer plasma. I.U. I. Orlov. *Radioelektr. i elektron.* 11 no. 6:1125-1127 Je '66.

Statistical characteristics of the output signal of an electron-beam quasi-degenerated type quadrupole amplifier. V.A. Vanko, V.B. Magalinskii. *Radioelektr. i elektron.* 11 no. 7:1210-1217 JI '66.

Synchronization of a magnetron generator. A.F. Terebchenko. *Radioelektr. i elektron.* 11 no. 6:1142-1145 Je '66.

MICROWAVES—PHYSIOLOGICAL EFFECT

Detection of C- and C₂-reactive proteins in the blood serum during the exposure of the body to ultrahigh frequency electromagnetic waves. B.A. Chukhlov, B.N. Grachev, I.V. Likina. *Biul. eksp. biol. i med.* 61 no. 6:53-55 Je '66.

Effect of microwaves on Opalina ranarum. E. Sh. Ismailov. *Vest. LGU* no. 9:147-149 '66.

MIDDLE CLASSES

The "theory" of a united middle class. S. Sukhorukova. *Nauch. dokl. vys. shkoly; ekon. nauki* 9 no. 3:90-94 '66.

MIDDLE EAST see Near East

MIGRATION, INTERNAL see subdivision under Ukraine

MILITARY see Kara Lowland

MILITARISM

(see also subdivision under Germany, West)

Militarism and the economic laws of capitalism. V. Rut'kov. *Komm. Vooruzh. Sil.* 47 no. 14:15-23 JI '66.

Socialist internationalism and the policy of militant imperialism. M. Marlin. *Mir. ekon. i mezhdunar. otn.* no. 6:3-18 '66.

MILITARY AERONAUTICS see Aeronautics, Military

MILITARY ART AND SCIENCE

Practice and scientific foresight in military art. V. Koneplov. *Komm. Vooruzh. Sil.* 47 no. 14:52-57 JI '66.

A scientific approach to the guidance of the armed forces. E. Sakharov. *Komm. Vooruzh. Sil.* 47 no. 12: 61-66 Je '66.

MILITARY ASSISTANCE, AMERICAN see subdivision under Dominican Republic

MILITARY ASSISTANCE, RUSSIAN see subdivision under Vietnam, North

MILITARY BASES, AMERICAN see subdivision under Europe, Latin America

MILITARY DISCIPLINE

Strict discipline is the heart of military service. *Komm. Vooruzh. Sil.* 47 no. 12:50-53 Je '66.

MILITARY EDUCATION

(see also subdivision under Moscow)

In the Central Committee of the CPSU and the Council of Ministers of the U.S.S.R. *Voen. znani.* 42 no. 6:111 Je '66.

Lectures, lecturers, and the departments of military schools. A. Verkenko, N. Kozlov. *Komm. Vooruzh. Sil.* 47 no. 12:39-43 Je '66.

Our duty toward our motherland. *Nar. obr.* no. 6:145-50 Je '66.

The party should show its concern for the society which promotes the defense of our country. N. Savitskii. *Part. zhizn'* no. 15:55-60 Ag '66.

So that the replacements may be worthy. F. Ruban. *Voen. znani.* 42 no. 6:30-31 Je '66.

That's the main thing. V. Aleinikov. *Voen. znani.* 42 no. 6:30-31 Je '66.

Veterans came to the school. A. Sergeev. *Voen. znani.* 42 no. 6:33 Je '66.

MILITARY HOSPITALS see Hospitals, Military

MILITARY JOURNALISM see Journalism, Military

MILITARY MEDICAL PERSONNEL see Medical personnel, Military

MILITARY MEDICINE see Medicine, Military

MILITARY MUSEUMS

(see also subdivision under Moscow)

The Central Museum of the Armed Forces of the U.S.S.R. *Komm. Vooruzh. Sil.* 47 no. 12:67-71 Je '66.

MILITARY PSYCHOLOGY see Psychology, Military

MILITARY RADAR see Radar, Military

MILITARY RADIO see Radio, Military

MILITARY TRAINING

Self-education of commanding officers. P. Lashchenko. *Komm. Vooruzh. Sil.* 47 no. 12:17-25 Je '66.

MILK

Milk productivity in cows as related to the milking season. A.I. Zubrov. *Shor. nauch. rub. stud. Sar. zootekh. -vet. inst.* 3:112-117 '66.

MILK—ANALYSIS AND EXAMINATION

Alekseeva, N.I., and P.F. D'achenko. [New data on the casein complex of milk] *Novyye dannyye o kazetinnom komplekse molek.* Moskva, TsINTPishcheprora, 1965, 10 p.

Titration acidity of milk. E.M. Buevich. *Trudy TVI* 9:253-260 '65.

MILK—COMPOSITION

Effect of denacidified silage and sugar beets on the composition of the colostrum and milk of cows. E.M. Buevich. *Trudy TVI* 9:245-252 '65.

Milk of cows fed denacidified corn silage. E.M. Buevich. *Trudy TVI* 9:230-244 '65.

Some data on the protein content of milk of the Ural Black and White and Tagil cattle. G.F. Goltub. *Izv. Kulb. SKhN* 17:226-235 '65.

MILK—DENSITY

Possibility of determining the density of milk at temperatures below 10°C and above 25°C. N.I. Fedorishchev, V.M. Lazarev. *Shor. nauch. rub. stud. Sar. zootekh. -vet. inst.* 3:30-39 '65.

MILK, DRIED

Faystova, V.N. [Production of instant dry milk] *Proizvodstvo bystrozavoryimogo sukhogo molek.* Moskva, TsINTPishcheprora, 1965, 35 p.

MILK HYGIENE

Gratskiy, V. N., and P. G. Degtyarev. [Recent developments in the refrigeration machinery of dairy enterprises] *Novoe v khoolodil'nom khozlstve molochnykh predpriyatiy*. Izd. 2., perer. i dop. Moskva, Pishchevaya promyshlennost', 1965. 49 p. (Lektalia dlia zaochnogo obucheniia)

MILK TRADE

Reducing seasonal factors in the procurement of cattle and milk in the Russian Federation. M. Vasil'kov. *Zakup. sel'khoz. prod.* no. 5:20-22 My '66.

MILK VETCH see subdivision under Tajikistan

MILKING MACHINES

Automatic regulation of the correlation of the phases of sucking of a milking apparatus. S. I. A. Gorm. *Trakt. i sel'khoz. mash.* no. 6:42-44 Je '66.

Physiological evaluation of new apparatus for mare milking. Kh. Dusembin, B. Abbasov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 5:75-80 My '66.

MILLERS

Labor passport of the sifter A. M. Vinokurova. N. Remizov. *Muk. elev. prom.* 32 no. 5:5 My '66.

MILLET

(see also subdivision under Aktymbinsk Province)

What the results of the year teach. D. Tenaev. *Zakup. sel'khoz. prod.* no. 5:30-31 My '66.

MILLING (METALWORK)

Cutting forces in face milling of heated titanium alloys. A. I. Sozinov. *Vest. mashinost.* 46 no. 6:78-79 Je '66. Simultaneous milling of teeth and slots. M. V. Chistilov. *Mashinostroitel'* no. 6:28 Je '66.

MILLING (METALWORK)—TECHNOLOGICAL INNOVATIONS

Activity of the innovation service at the "Frazier" Plant. A. E. Fedin. *Vop. izobr.* no. 1:30-33 Ja '66.

MILLS, CHARLES WRIGHT, 1916-1962

Charles Wright Mills and the problem of the sociologist's role in society. Zigmunt Bauman. *Vop. filos.* 20 no. 6:92-102 '66.

In search of new paths. I. A. Golosenko. *Vop. filos.* 20 no. 6:108-112 '66.

MINE COMMUNICATION SYSTEMS

Improving the equipment for high-frequency communications in underground transportation. V. V. Novikov. *Dob. i obog. rud. svet. met.* no. 3:43-45 '64.

Layout and construction of mine telephone networks. V. L. Gerasov, V. V. Glavatskii, I. Z. Elin. *Ugol' Ukr.* no. 6:22 Je '66.

MINE DRAINAGE see subdivision under Moscow Basin

MINE EXPLOSIONS

Change of the depth of the zone of breaking as a method of determining the danger of outbursts in stoping sections. E. S. Kotlov, B. T. Sorochinskii. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3:35-42 '65.

MINE FILLING

Industrial testing of the pillar system of mining to the rise with the filling of worked-out areas at the "Kokanvoin-1" mine. A. S. Litvinenko, A. S. Fedinin. *Ugol'* 41 no. 6:22-26 Je '66.

MINE GASES—SAFETY MEASURES

Causes and control of poison gases occurring during blasting operations in underground mining. V. E. Bryl'nikov, A. B. Plekhanova, V. I. Ribakov. *Shakht. stroit.* no. 5:7-8 My '66.

MINE HAULAGE

Possibilities of reducing the labor-consuming aspects of underground transportation in mines of the Donets Basin. V. A. Ponomarenko, S. I. Kravchinskii, E. V. Makarova. *Ugol' Ukr.* no. 6:23-24 Je '66.

MINE HOISTING

Dublikov, E. V., and others. [Handbook for the operator of a hoisting machine in mine building] *Spravochnik mashinista pod'emnoi mashiny na stroitel'stvo shakht.* Moskva, Nedra, 1965. 181 p.

Fedorova, Z. M., R. N. Khadzhiyev, and V. M. Kacherovskii. [Mine hoisting installations] *Rudnichnye pod'emnye ustanovki.* Moskva, Nedra, 1966. 307 p.

MINE HOISTING—EQUIPMENT AND SUPPLIES

Skip loading equipment with a volume measuring device. E. A. Kopylov. *Ugol' Ukr.* no. 6:25 Je '66.

MINE HOISTING—SAFETY MEASURES

Russia (1917— R. S. F. S. R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Instructions for the inspection, adjustment and testing of mine hoisting equipment with asynchronous motors] *Instruktsiia po revizii, naladke i ispytaniu shakhtnykh pod'emnykh ustanovok s asinkhronnym dvigatelem.* Moskva, Nedra, 1966. 211 p.

MINE RAILROADS

Improving the equipment for high-frequency communications in underground transportation. V. V. Novikov. *Dob. i obog. rud. svet. met.* no. 3:43-45 '64.

New electric mine locomotives. P. I. Repoport. *Elektrotehnika* 37 no. 5:32-37 My '66.

MINE RAILROADS—RAILS

Improving the technology of rail-laying operations in strip mines. I. I. Plinskii, Zh. K. Tsiagubiyov, A. A. Solentsov. *Dob. i obog. rud. svet. met.* no. 3:5-7 '64.

MINE SAFETY

Khar'kovskii Institut gornogo mashinostroeniia, avtomatiki i vychislitel'noi tekhniki. [Problems of safety techniques in the mining industry] *Voprosy tekhniki bezopasnosti v gornoi promyshlennosti.* Moskva, Nedra, 1965. 167 p.

Upgrade mining with an advance borehole. I. B. Edil'baev. *Dob. i obog. rud. svet. met.* no. 3:19-21 '64.

MINE SURVEYING

Ways of improving mine surveys in strip mining. I. L. Belikov. *Met. i gornorud. prom.* no. 3:74-77 My-Je '66.

MINE TIMBERING

Covering spans for supporting-type hydraulic jacks. S. T. Kuznetsov and others. *Ugol'* 41 no. 6:43-46 Je '66.

Influence of the scale factor on the strength of coal plastics. A. T. Zatonskikh, G. I. Volkova, N. P. Krivosheleva. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3:144-145 '65.

Repeated use of metallic supports in development workings. L. F. Zorin. *Ugol' Ukr.* no. 5:6-7 Je '66.

Tubeloss lining of boreholes by the thermal method. B. A. Amelin. *Razved. i okh. nedr.* 32 no. 5:50-60 My '66.

Use of powered supports and equipment in coal mines of the Kuznetsk Basin. A. Kovrizhii. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3:146-147 '65.

MINE TIMBERING—MAINTENANCE AND REPAIR

Lining and maintenance of workings in the Kizel Basin. G. V. Rogozhin, I. S. Tsukerman. *Shakht. stroit.* no. 5:9-12 My '66.

MINE VENTILATION

Calculation of air distribution in a ventilation network under the effect of a complex natural draft. A. D. Vaserman, S. P. Alekshiev, K. P. Kretov. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3:113-117 '65.

Calculation of ventilation in mine workings using the factor of welding operations. N. P. Iakushin, N. K. Berdulk. *Shakht. stroit.* no. 5:14-15 My '66.

Industrial testing of ventilation currents spreading along the wall of longwall-type working faces. G. A. Radchenko, E. A. Matyhaev, V. P. Stepykh. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3:118-123 '65.

MINE VENTILATION—COLD WEATHER CONDITIONS

The RTK-2-type automatic pulse regulator of air temperature in coal mine shafts. M. G. Pogibko. *Ugol'* 41 no. 6:47-49 Je '66.

MINE VENTILATION—EQUIPMENT AND SUPPLIES

Air conditioning in the longwalls of steeply pitching seams using the ShVU-3-DGI semistationary air-cooling equipment. G. V. Duganov and others. *Ugol' Ukr.* no. 6:40-42 Je '66.

Using small-diameter pipe for the partial ventilation of blind workings. S. P. Popovich and others. *Shakht. stroit.* no. 5:30-31 My '66.

MINE VENTILATION—MEASUREMENT

Bringing the ventilation parameters into the International System of Units. K. A. Korepanov. *Ugol'* 41 no. 6:62-64 Je '66.

MINERAL INDUSTRIES—LABOR PRODUCTIVITY

Deeds of those who are masters of natural resources; for Miner's Day. A. Sidlin. *Agitator* no. 18:17-18 Ag '64.

MINERAL METABOLISM

Effect of cobalt and manganese on the phosphorus content of serum, urine and milk in disorders of phosphorus and calcium metabolism in cattle. A. A. Kabyshev. *Trudy TVI* 9:165-171 '65.

MINERAL OILS

Antioxidant properties of organosulfur compounds present in mineral oils and the possibility of aryl sulfide complex formation. S. E. Krein, I. A. Rubinshtein, E. A. Popova. *Neftekhimika* 6 no. 2:241-246 Mr-Apr '66.

Quality of industrial oils obtained by various refining methods. R. A. Agueva and others. *Azerb. neft. khoz.* 45 no. 5:36-38 My '66.

MINERAL WATERS see subdivision under Asia, Central; Chulyshman Valley; Kharkov Province

MINERALOGY

(see also subdivision under Azov Sea region; Ukraine) Some theoretical states of mineralogy and crystallochemistry. I. E. V. Shevchenko. *Geol. zhur.* 25 no. 3:80-102 '66.

Study of the mineral formation in the open $H_2O-Na_2O-SiO_2-Al_2O_3$ system. I. P. Ivanov. *Geokhimiia* no. 10:1212-1222 O '65.

MINERALOGY—CONGRESSES

Soveshchanie po eksperimental'noi i tekhnicheskoi mineralogii i petrografi. 7th, L'vov, 1964. [Experiment in technical mineralogy and petrography; based on materials of the ...] Eksperiment v tekhnicheskoi mineralogii i petrografi; po materialam. ... Moskva, Nauka, 1966. 335 p.

MINERALOGY, DETERMINATIVE

Krupovich, I. U. N., and I. U. V. Morachevskii, eds. [Analysis of mineral raw materials] *Analiz mineral'nogo syr'ia*. Izd. 3., stereotipnoe, ispr. Leningrad, Goskhimizdat, 1950. 1055 p.

MINERALS

(see also subdivision under Bug Valley; Transbaikalia)

Effect of pressure on isomorphic replacements in minerals. I. D. Riabchikov, V. V. Checherbina. *Geokhimiia* no. 10:1207-1211 O '65.

MINERALS IN FOOD

Some results achieved and problems of further study of minerals in zootechny and veterinary medicine. E. F. Dymko, A. K. Rosliakov. *Vest. AN Kazakh. SSR* 22 no. 6:8-12 Je '66.

MINERALS IN SOIL

Regulating the moisture and salt conditions of a cotton field with various depths of the level of mineralized ground waters. A. Ildashev. *Trudy Tadzh. sel'khoz. inst.* 7:142-153 '65.

MINERS

(see also subdivision under Hungary)

Deeds of those who are masters of natural resources; for Miner's Day. A. Sidlin. *Agitator* no. 16:17-18 Ag '64.

MINES AND MINERAL RESOURCES

Checking the conditions for calculating mineral resources. A. P. Prokofiev. *Razved. i okh. nedr.* 32 no. 5:12-14 My '66.

Lysenko, I. Z. [Principles of mining high-mountain deposits] *Printsipy razrabotki vysokogornnykh mestorozhdenii.* Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 395 p.

Mineral wealth in the service of communism. D. I. Shcherbakov. *Priroda* 55 no. 6:3-4 '66.

[Mining of mineral deposits] *Razrabotka mestorozhdenii poleznykh iskopayemykh.* [By] I. A. Z. Nekrasovskii i dr. Moskva, Nedra, 1966. 550 p.

Role of physicochemical properties of rocks and the determination of an effective system for the development of deposits. K. P. Kalin and others. *Razved. i okh. nedr.* 32 no. 5:37-39 My '66.

MINGCHIAUR (AZERBAIJAN)—CABLES—STORAGE

Mechanization of conveying and storing at the "Azerkabel'" Plant. L. M. Koshchepova, G. N. Makarov. *Mekh. i avtom. proizv.* 20 no. 6:17-18 Je '66.

MINING ENGINEERING

(see also subdivision under Altyn-Topkan region; Tajikistan; Mirgallimsay region; Kazakhstan; Sakhalin region; Kemerovo Province)

Vorob'ev, D. M., V. V. Bruliantov, and A. P. Dmitriev. [Principles of mining and the dressing of minerals] *Osnovy gornogo dela i obogashcheniia poleznykh iskopayemykh.* Moskva, Nedra, 1966. 484 p.

MINING ENGINEERING—ABSTRACTS

[Mining] *Ref. zhur. Gor. dolo* nos. 5-6 My-Je '66. *Avtorskii ukazatel'* za 1965 g.

MINING ENGINEERING—GRAPHIC METHODS

Determining the optimum load upon the panel by the graphoanalytic method. A. A. Orekhovskii. *Ugol' Ukr.* no. 6:11-12 Je '66.

MINING ENGINEERING—SAFETY MEASURES

Revision of the laws on administrative liability for the violations of rules and instructions re safety in mining operations. I. A. Polosin. *Uch. zap. VNIISZ* no. 5:45-46 '65.

MINING GEOLOGY

(see also subdivision under Donets Basin)

Standards and conditions prevailing in the Central District of the Donets Basin. G. I. Stepanovich, G. G. Zavitskii, V. I. Usov. *Ugol' Ukr.* no. 6:51-52 Je '66.

MINING INDUSTRY see subdivision under Algeria

MINING INDUSTRY—FINANCE

Planning for profit in mining industry enterprises. A. Moliseenko. *Plan. khoz.* 43 no. 7:88-89 Ji '66.

MINING LAW

Revision of the laws on administrative liability for the violations of rules and instructions re safety in mining operations. I. A. Polosin. *Uch. zap. VNIISZ* no. 5:45-46 '65.

MINING MACHINERY—ABSTRACTS

[Mining machinery] *Ref. zhur. : Gor. mash.* nos. 5-6 My-Je '66.

MINING MACHINERY—CONGRESSES

Moscow, Institut gornogo dela imeni A. A. Skochinskogo. [Rockbreaking by mechanical methods; transactions] Razrusheniye gornykh porod mekhanicheskimi sposobami; [trudy] Moskva, Nauka, 1966. 277 p.

MINING MACHINERY—EFFICIENCY

Nomographic method of calculating the output of stoping cutter-loaders. A. I. Sokolov. Ugol' Ukr. no. 6:29 Je '66.

MINING RESEARCH

Ivanov, K. I. [Selection of design diagrams for determining the optimal dimensions of coal support pillars; research paper] Vybór raschetnykh skhem dlya opredeleniya optimal'nykh razmerov opornykh ugol'nykh tsel'kov; nauchnyi doklad. Moskva, In-t gornogo dela im. A. A. Skochinskogo, 1965. 32 p.

MINISTRIES

Decisions of the Supreme Soviet. Soob. Inst. po izuch. SSSR no. 4:107-117 '65.

MINSK—A UTOMOBILE INDUSTRY

Attention to the technical progress. I. R. Sidorovich. Prom. Bel. 9 no. 4:1-2 Ap '66.

MINSK—AUTOMOBILE INDUSTRY WORKERS

This was dreamed of by a guerrilla fighter... A. Arkad'ev. Sov. profsoiuzy 22 no. 10:34-35 My '66.

MINSK—BEARING INDUSTRY—MANAGEMENT

Toward new boundaries. I. F. Gavrilov. Prom. Bel. 9 no. 5:37-38 My '66.

MINSK—CITY PLANNING

Experimental microdistrict in Minsk. E. Zaslavskii. Arkh. SSSR no. 5:17-21 '66.

MINSK—FRUIT WINES

Work practice of the fermentation shop of the fruit and berry wine production plant. S. M. Sosina and others. Prom. Bel. 9 no. 4:43-43 Ap '66.

MINSK—INDUSTRIAL MANAGEMENT

Labor organization should be at the level of the achievements of technical progress. A. F. Bogdanov. Prom. Bel. 9 no. 5:46-48 My '66.

MINSK—LIBRARIES, WORKINGMEN'S

This was dreamed of by a guerrilla fighter... A. Arkad'ev. Sov. profsoiuzy 22 no. 10:34-35 My '66.

MINSK—TEXTILE INDUSTRY

By orders of consumers. L. I. Tereshkov, V. I. Golyanin. Prom. Bel. 9 no. 4:11-16 Ap '66.

MINSK—TRACTOR INDUSTRY—MANAGEMENT

Improvement of the organization of engineering and management work. A. L. Tamarkin. Prom. Bel. 9 no. 4:29-29 Ap '66.

MINSK—TRACTOR INDUSTRY—STANDARDS

Standard improves the quality. M. Zverev, N. Kononov. Prom. Bel. 9 no. 4:38-39 Ap '66.

MINSK—WAGES—A UTOMOBILE INDUSTRY

An hourly-bonus wage system and new systems of planning and economic incentives. V. A. Rozhkov. Prom. Bel. 9 no. 5:39-41 My '66.

MINSK—WAGES—TRACTOR INDUSTRY

Improvement of the wage systems in a plant. A. Akhmedov. Sov. profsoiuzy 22 no. 10:35-38 My '66.

MINSK—WOOLEN AND WORSTED MANUFACTURE

Production line in worsted cloth manufacture. V. I. Sushkevich. Prom. Bel. 9 no. 4:40-41 Ap '66.

MINUSK (KRASNOYARSK TERRITORY)—ELECTRIC POWER PLANTS

Minusinsk electricians on the honor roll. Zhil. i kom. 1965.

CAZAKHSTAN—MINING

ore bodies of the Mirgalimsay F. A. Bakhtevanov. Dob. i obog. 19 '64.

3-DRESSING PLANT

AND TRAINING Kolchov. Sov. profsoiuzy 22

le from glass and Pyroceram, Krestnikova, N. V. Romanova, 1965.

1 mizor. V. K. Baranov and no. 2:9-11 '66.

es of mites of the family Acari- mas), V. I. Volgin. Trudy 1965.

MITES AS CARRIERS OF DISEASE

Study of carriers of the Newcastle disease virus. G. V. Dunayev, E. N. Nazarenko. Vop. vet. virus. 2:637-638 '66.

MITOCHONDRIA

Chondriome in the endothelial cells of the human aorta. R. P. Stepanov. Arkh. anat., gist. i embriol. 50 no. 5:54-60 My '66.

Cytochrome C oxidase of mitochondria of guinea pig liver in anaphylactic shock. V. I. Maluk, Biol. eksp. biol. i med. 61 no. 5:44-46 My '66.

DNA synthesis in the mitochondria of protozoans. V. K. Nilova, K. M. Sukhova. Dokl. AN SSSR 169 no. 3: 921-923 Je '66.

Direct quantitative evidence of the primary localization of tetraacycline in cell mitochondria. N. M. Smol'nikova, G. I. Klyman, Antibiotiki 11 no. 5:126-129 My '66.

Effect of aminazine on some aspects of oxidative metabolism and the ultrastructure of cerebral mitochondria. Z. D. Pigareva, E. L. Dovedova, N. N. Bogolepov, Zhur. vye. med. 16 no. 3:506-513 My-Je '66.

Lysosomes and vital staining of fibroblasts in primary tissue cultures. I. K. Klarner. Arkh. anat., gist. i embriol. 50 no. 5:60-66 My '66.

Oxidative phosphorylation and calcium absorption by the mitochondria of penicillins. T. M. Bushueva, R. Zh. Azimuratova, Fiziol. rast. 13 no. 3:446-452 My-Je '66.

MITRAL VALVE—DISEASES

Hjörts puncture of the left auricle of the heart in the diagnosis of mitral cardiac defects. V. N. Zhigalkin, I. A. Tikhonov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:58-61 '65.

Changes in the cardiogram during tracheal intubation in patients with mitral stenosis. N. G. Tsybaneva, V. A. Chibunovskii. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:37-39 '65.

Clinicochematological and immunochemical characteristics of an active rheumatic process in patients with mitral stenosis. I. U. M. Briakin and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:62-65 '65.

Comparative characteristics of the blood coagulation system in patients with mitral defect of the heart in open and closed commissurotomy. E. P. Stepanian, E. P. Popelova, T. Kh. Shurkhalina. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:13-16 '65.

Detailed diagnosis of mitral stenosis by the method of X-ray cinematography combined with contrasting of the blood. M. A. Ivanitskaya, I. U. S. Petrovskii, M. G. Khomutova. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:66-69 '65.

Indications for commissurotomy in mitral stenosis with concomitant insufficiency. T. V. Smol'nikova and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:70-73 '65.

Pathomorphological and histochemical characteristics of active rheumatic carditis in mitral stenosis. I. U. M. Briakin, S. P. Goriachev, E. V. Korzhikova. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:52-155 '65.

Pulmonary hypertension in mitral stenosis. A. V. Bae- va and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:33-36 '65.

Repeated operations on the heart in patients with mitral stenosis. N. M. Genin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:30-32 '65.

Results of the digital, manometric, and phonocardiographic examination in mitral stenosis. E. A. Krasnov, V. N. Zhigalkin, A. K. Izumukhanov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:46-48 '65.

Some characteristics of the course of the operation period on mitral stenosis in patients with active rheumatic carditis. I. U. M. Briakin, N. G. Tsybaneva, V. A. Chibunovskii. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:43-45 '65.

Surgical treatment of complicated mitral stenosis. A. N. Syzganov, I. U. M. Briakin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:17-21 '65.

Surgical treatment of mitral stenosis in persons over 40. A. S. Rovnov, S. S. Grigorov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:8-12 '65.

Surgical treatment of mitral stenosis on open heart under conditions of artificial blood circulation. S. A. Kolesnikov and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:3-7 '65.

MITRAL VALVE—SURGERY

Anatomicophysiological substantiation of dextral mitral commissurotomy with a dilator on a flexible cable. K. V. Lapkin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:22-24 '65.

Characteristics of the course of postoperative pneumonia in patients having had mitral commissurotomy. V. P. Korobkov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:93-96 '65.

Comparative analysis of the methods for mitral commissurotomy in the light of late results. V. E. Pina, Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:77-79 '65.

Complications in mitral commissurotomy. A. K. Izumukhanov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:85-88 '65.

Late results of mitral commissurotomy based on data of polycardiography and separate rheography. A. I. Spector. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:80-84 '65.

Respiratory function of the blood and tissue respiration in patients with mitral stenosis during operation. S. O. Apsit, T. D. Kuznetsova. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:40-42 '65.

Surgical tactics in the operative treatment of mitral stenosis under conditions of active rheumatic carditis. I. U. M. Briakin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:25-29 '65.

Tissue respiration and pathomorphological changes in the arterial appendix based on biopsy during mitral commissurotomy. G. F. Arkhipova, V. M. Kirichenko, G. F. Shermeneva. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:74-76 '65.

MIXING

Changes in the viscosity and limit displacement stresses of a praline mass during mixing. L. N. Lumin, I. U. A. Machkhin. Khleb. i kond. prom. 10 no. 5:15-17 My '66.

MIXING MACHINERY

Dynamics of mixing condensers. M. L. Mal'tsev, E. I. Taubman. Izv. vyz. ucheb. zav., energ. 9 no. 6:76-82 Je '66.

Hermetic seal for a mechanical stirrer. S. P. Zozlanov, A. B. Bezukladnikov. Zav. lab. 32 no. 5:840 '66.

MODELS AND MODELMAKING

Model and experiment. V. A. Shloff. Nek. vop. metod. nauch. issl. no. 1:101-136 '65.

MOSSBAUER EFFECT

Mössbauer effect in the intermetallic compounds Co_{1.45}Ni and Ni_{1.45}Ni. G. S. Zhdanov and others. Izv. AN SSSR, Ser. fiz. 30 no. 6:957-961 Je '66.

Study of the Mössbauer effect on Fe⁵⁷ nuclei in nickel ferrite-chromite with a compensation point. Izv. AN SSSR, Ser. fiz. 30 no. 6:940-956 Je '66.

MOISTURE—EFFECT ON PLANTS see Plants, Effect of moisture on

MOLASSES

Activation of yeast growing on molasses with various composition. L. D. Belova. Khleb. i kond. prom. 10 no. 5:22-23 My '66.

Preparation of the mixture of molasses with urea. D. Tur'ian. Tekh. v sel'khoz. 25 no. 3:27-29 My '65.

MOLDAVIA—AUCHENORRHYNCHA

New species of Auchenorrhyncha (Homoptera) from the Caucasus and Moldavia. V. N. Logvinenko. Ent. oboz. 45 no. 2:401-410 '66.

MOLDAVIA—BIBLIOGRAPHY

[Chronicle of the publications of the Moldavian S. S. R.] Let. pech. Mold. SSR nos. 1-2 Ja-Je '66.

MOLDAVIA—ECONOMIC CONDITIONS

Overcoming fundamental differences between urban, and rural areas. I. Bodlei. Kommunist 43 no. 11: 27-39 Ji '66.

MOLDAVIA—HISTORICAL MUSEUMS

Kishinev. Gosudarstvennyi istoriko-kraevedcheskiy mu- zey. [Guidebook to the exhibition of the Department of Moldavian History: the epoch of socialism] Putevoditel' po ekspozitsii otzoda istorii Moldavii; epokha sotsializ- ma. Kishinev, Kartia moldovenaske, 1965. 66 p. illus.

MOLDAVIA—INLAND WATER TRANSPORTATION—FINANCE

Improve the awarding of credit to the river transport. I. Matasevich. Den, i kred. 24 no. 8:52-54 Je '66.

MOLDAVIA—MUNICIPAL SERVICES

Competition and unsolved problems. N. Polozhenko. Zhil. i kom. khoz. 14 no. 5:7 My '64.

MOLDAVIA—TRADE UNIONS

In step with life. I. Orlov. Sov. profsoiuzy 22 no. 12: 14-17 Je '66.

MOLDING (FOUNDING)

[Casting thin-walled structures] Lit'e tonkostennykh kon- struktsei. [By] I. A. Stepanov, I. dr. Pod red. G. F. Da- landina. Moskva, Mashinostroenie, 1966. 254 p.

Using the method of the measurement of potential at the melting electrode to investigate the filling of molds. I. A. M. Ryvkis. Izv. vyz. ucheb. zav., mashinost. no. 4:137-140 '66.

MOLE CRICKETS see subdivision under Voronezh Province

MOLECULAR BIOLOGY

Akademika nauk SSSR. Nauchnyi sovet po problemam molekularnoi biologii. [Molecular principles of the biology of viruses] Molekulyarnye osnovy biologii vi- rusov. Moskva, Nauka, 1966. 409 p.

MOLECULAR ORBITALS

Approximate dependence between the energy character- istics of valency state of atoms and their effective charges in a diatomic molecule with an ordinary σ - bond. V. S. Urusov. Zhur. struk. khim. 7 no. 2:245-251 Mr-Ap '66.

Molecular orbits of sulfur dioxide. S. P. Ionov, M. A. Poral-Koshits. Zhur. struk. khim. 7 no. 2:252-257 Mr-Ap '66.

MOLECULAR ROTATION

Dipole moments of the molecules $R-O-(CH_2)_n-O-R'$ and $R-S-(CH_2)_n-S-R'$ and free rotation in them. I. P. Gol'dshtein and others. Zhur. struk. khim. 7 no. 2: 222-225 Mr-Apr '66.

MOLECULAR SPECTRA

Development of studies of the infrared spectroscopy of adsorbed molecules at the Leningrad University. V. N. Filimonov. Vest. LGU 21 no. 10: 15-20 '66.

Glass high-temperature vacuum cell for studying infrared spectra of molecules adsorbed on solids. L. I. Lafer, V. I. Akerson. Zhur. prikl. spekt. 4 no. 5: 468-470 My '66.

Universal molecular interactions and their effect on the position of the electron spectra of molecules in two-component solutions. Part 12. N. G. Bakshiev, I. V. Piter'skaya. Opt. i spekt. 20 no. 5: 783-782 My '66.

MOLECULAR STRUCTURE

Crystalline and molecular structure of methanesulfonamide. L. G. Vorontsova. Zhur. struk. khim. 7 no. 2: 240-243 Mr-Apr '66.

Crystalline and molecular structure of 2,5-di-tert-butylthiophenyl sulfone. L. G. Vorontsova. Zhur. struk. khim. 7 no. 2: 240-244 Mr-Apr '66.

Electronic structure and properties of cumulated systems. Part 9. Theoretical investigation of ionization potentials, affinity to electron, and energy gap in π -electron spectra of carbon and phthalocyanine-metalloxanes. N. A. Popov, E. M. Shustorovich. Zhur. struk. khim. 7 no. 2: 258-261 Mr-Apr '66.

Main results of the calculation of ten-electron hydrides C, N, O , and F by the method of concentric resolution in one-configuration approximation. I. U. A. Krugliak, I. L. Sapiro. Zhur. struk. khim. 7 no. 2: 262-266 Mr-Apr '66.

Molecular distances and packing of molecules in the bis- $[1-(1-ethylferrocenyl)]$ crystal. Z. L. Kaluski, I. U. T. Stuchkov. Zhur. struk. khim. 7 no. 2: 283-286 Mr-Apr '66.

Use of the X-ray diffraction method of investigating the molecular structure of silicic acid hydrogels. B. M. Mitsuk and others. Zhur. struk. khim. 7 no. 2: 230-234 Mr-Apr '66.

MOLECULES

Born-Oppenheimer method applied to normal molecules. A. A. Kiselev. Vest. LGU 21 no. 10: 152 '66.

Effective charges of atoms in a molecule and the direction of exchange reactions. V. S. Urusov. Zhur. struk. khim. 7 no. 2: 267-268 Mr-Apr '66.

MOLES (ANIMALS)

Effect of the burrowing activity of the mole (*Talpa europaea* L.) on the rotation of material in forest biogeocoenoses. B. D. Abaturov. Dokl. AN SSSR 168 no. 4: 935-937 Je '66.

MOLLUSKS see subdivision under Don River

MOLTEN METALS see Liquid metals

MOLYBDENUM

(see also subdivision under Kadzharan, Armenia)

Molybdenum in living organisms and their environment. V. V. Koval'skii, G. A. Izraelova. Priroda 55 no. 6: 52-57 '66.

Stability of water-soluble forms of molybdenum in solutions containing sulfur at high temperatures. L. A. Aratluian. Geokhimiya no. 4: 470-483 Ap '66.

MOLYBDENUM—THERMAL PROPERTIES

Thermal properties of molybdenum at high temperatures. L. A. Pigal'skaya and others. Teplofiz. vys. temp. 4 no. 1: 144-147 Ja-F '66.

MOLYBDENUM ALLOYS

Zorav, N. N., and Z. M. Fetisova. [Machining high-melting alloys; based on molybdenum] Obrabotka rezaniem tupooykikh splavov; na osnove molybdena, Moskva, Mashinostroyeniye, 1966. 224 p.

MOLYBDENUM COMPOUNDS

Heteropoly compounds of molybdenum with zinc and cadmium. L. I. Lebedeva. Vest. LGU 21 no. 10: 144-148 '66.

MOLYBDENUM ELECTRODES see Electrodes, Molybdenum

MOLYBDENUM-IRON ALLOYS see Iron-molybdenum alloys

MOLYBDENUM-TUNGSTEN ALLOYS—ELECTRIC PROPERTIES

Studying the electron structure of molybdenum-tungsten alloys. D. F. Kalinovich and others. Fiz. met. i metallov. 20 no. 8: 937-939 D '65.

MOLYBDOCERIC ACID

Diazonium salts of silicomolybdate and ceriomolybdate heteropoly acids. V. P. Sagalovich and others. Dokl. AN SSSR 168 no. 4: 832-835 Je '66.

MONASTERIES

Monasteries of the Orthodox Eastern Church in prerevolutionary Russia and the U.S.S.R. N. A. Teodorovich. Sob. inst. po izuch. SSSR no. 4: 57-76 '65.

MONEY

Planning for currency circulation. IU, Kashin. Den. i kred. 24 no. 6: 30-34 Je '66.

MONGOLIA—ECONOMIC POLICY

The fourth five-year plan. B. Grebennikov. Mezhdunar. zhizn' 13 no. 5: 17 '66.

We move toward the conclusion of the building of socialism. Umzhagin Tsendenbal. Kommunist 43 no. 10: 86-100 Ji '66.

MONGOLIA—HISTORY

New data on the manuscript heritage of N. Ia. Bichurin. L. I. Chuguevskii. Nar. Az. i Afr. no. 3: 127-130 '66. Results of the Mongolian revolution. A. Ter-Grigorian. Nov. vrem. 24 no. 28: 27-28 Ji '66.

MONSTERS

Mechanism of the teratogenic effect of pharmacological substances and protection of the health in the antenatal period of life. A. P. Dyban. Vest. AMN SSSR 21 no. 6: 34-43 '66.

MOON

Akademiya nauk URSS. [Physics of the moon and planets] Fizika luny i planet. Kiev, Naukova dumka, 1966. 108 p. (Respublikanskiy mezhdunarodnyy sbornik. Seriya: "Astronomiya i Astrofizika")

Geophysical problems and investigations of the moon. V. I. Zharkov, V. Sh. Berikashvili, A. I. Osnach. Astron. zhur. 43 no. 3: 622-646 My-Je '66.

Structure of the moon. B. I. U. Levin. Astron. zhur. 43 no. 3: 606-621 My-Je '66.

MOON—SURFACE

[Lunar panorama; special issue] Lunnaya panorama; spetsial'nyi vypusk. Moskva, Izvestiya, 1966. 127 p. illus. (insert). (Biblioteka "Izvestiya")

Tectonic pattern of the lunar structures Ptolemy and Alphonse and their surroundings. Konrad Benes. Izv. AN SSSR, Ser. geol. 31 no. 6: 54-56 Ja '66.

MORAINES see subdivision under Mayma Valley

MORDOVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Communists of a collective farm. I. Afonin. Part. zhizn' no. 13: 37-40 Ji '66.

[Ideological work and production] Ideologicheskaya rabota i proizvodstvo; sbornik. [Saransk, Mordovskoe knizhnoe izd-vo, 1965] 110 p. (CS-11)

MORDOVIA—HISTORY—STUDY AND TEACHING

Growing number of local history students. I. Pashkolina. Bibliotekar' 43 no. 6: 51 Je '66.

MORDVINIAN A.S.S.R. see Mordovia

MOROCCO—PEASANTRY

Visiting the Moroccan fellahs. I. Mikhailenko. Az. i Afr. seg. 10 no. 7: 14-15 Ji '66.

MORTAR

Effect of the mineralogical composition of cement on the strength and deformability of cement mortar. I. A. Samadze, O. P. Kvirkadze, R. A. Chikvoni. Bel. i zhel.-bet. [Tiflis] 1: 24-33 '65.

MORTAR—THERMAL PROPERTIES

Relation between the stability and the heat release of cement mortar. TS. G. Gluzberg, L. I. Kots. Sbor. trud. LIZIT no. 230: 127-142 '65.

MOSCOW—APARTMENT HOUSES—HEATING AND VENTILATION

The experiment is successful, research continues. V. Lavrent'eva. Zhil. i kom. khoz. 16 no. 7: 22 Ji '65.

MOSCOW—AUTOMOBILE INDUSTRY—EQUIPMENT AND SUPPLIES

Innovations in the tool equipment used in automatic production of ZIL motor vehicles. IU. L. Frumin. Mashinostroitel' no. 6: 36-39 Je '66.

MOSCOW—AUTOMOBILE INDUSTRY—PRODUCTION STANDARDS

Preparation for work under the new conditions. M. Strel'tsov, B. Khallov. Sots. trud 11 no. 8: 97-99 Je '66.

MOSCOW—BALLET DANCING

A jump into fame. N. Shoremet'evskaya. Teatr 25 no. 10: 83-86 O '64.

MOSCOW—BANKS AND BANKING—AUDITING AND INSPECTION

Public control. V. Martynova. Den. i kred. 24 no. 6: 57-59 Je '66.

MOSCOW—BOOKSTORES

Nurka's sack. P. Kokoshkin. Knizh. tovg. 17 no. 6: 31 Je '66.

MOSCOW—CERAMICS

Pavlov, N. I. [Structural ceramics and foam glass; practices of the Moscow Combine of Ceramic Facing Materials] Stroitel'naya keramika i penosteklo; iz opyta Moskovskogo kombinata keramicheskikh oblitsovochnykh materialov. Moskva, Stroiizdat, 1966. 187 p. (Avtomatizatsiya proizvodstva stroitel'nykh materialov i izdelii)

MOSCOW—CLOCKMAKING AND WATCHMAKING

The new system in operation. A. Bralovskii, M. Abramson. Plan, khoz. 49 no. 7: 50-55 Ji '66.

What is new in the S. M. Kirov Plant. V. Goncharov. Vnesh. tovg. 46 no. 6: 12-13 '66.

MOSCOW—CLOTHING INDUSTRY—MANAGEMENT

In the "Ladomila" store. L. Ermolina. Sov. tovg. 30 no. 6: 40-43 Je '66.

MOSCOW—CONFECTIONERY INDUSTRY

Work under new conditions. K. G. Rukova. Knib. i kond. prom. 10 no. 5: 24-26 My '66.

MOSCOW—CONSTRUCTION INDUSTRY—MANAGEMENT

Azbel, B. M. [Organization of work and the establishment of work norms on construction sites] Organizatsiya i normirovaniye truda na stroikakh. [Moskva] Moskovskii rabochii, 1966. 119 p.

MOSCOW—CONSTRUCTION WORKERS

Happiness is living the Soviet way. G. Maslennikov. Agitator no. 8: 52-53 Ap '64.

MOSCOW—CONTRAVENTIONS (CRIMINAL LAW)

Work practice of administrative committees; shown in the case of the Kiev District of Moscow. E. P. Plearev. Uch. zap. VNIISZ no. 5: 113-115 '65.

MOSCOW—DIRECTORIES

[Evening and night service in the city; a directory] Denezhnyaya sluzhba goroda; spravochnik. [Moskva] Moskovskii rabochii, 1966. 39 p.

MOSCOW—EFFICIENCY, INDUSTRIAL

Lead support to the initiative of the Muscovites! Agitator no. 10: 6 Ag '64.

MOSCOW—EXHIBITIONS

Pavilions of the Academy of Sciences of the U.S.S.R. at the Exhibition of the Achievements of the National Economy. Vest. AN SSSR 36 no. 6: 106-113 Je '66.

MOSCOW—FLOORING, PLASTIC

Belousov, E. D., and others. [Polyester poured floors in public and industrial buildings; experience of the Main Division for Housing and Civilian Construction in the city of Moscow] Poliofirnyye nalivnye poly v grazhdanskikh i promyshlennykh zdaniyakh; opyt Glavmotsotra. Moskva, Stroiizdat, 1965. 23 p. (Novosti stroitel'noi tekhniki SSSR)

MOSCOW—FOREST PROTECTION—RESEARCH

Department of Forest Protection is 10 years old. A. I. Vorontsov. Sbor. rab. MLTI no. 11: 7-18 '64.

MOSCOW—GLASS, CELLULAR

Pavlov, N. I. [Structural ceramics and foam glass; practices of the Moscow Combine of Ceramic Facing Materials] Stroitel'naya keramika i penosteklo; iz opyta Moskovskogo kombinata keramicheskikh oblitsovochnykh materialov. Moskva, Stroiizdat, 1966. 187 p. (Avtomatizatsiya proizvodstva stroitel'nykh materialov i izdelii)

MOSCOW—HISTORIC HOUSES, ETC.

A trip to the Moscow of 1866. IU. A. Fedosluk. Vop. ist. 41 no. 6: 198-201 Je '66.

MOSCOW—HISTORY

Begacheva, K. B., and S. F. Shapiro. [Leningrad Prospect; the capital's widest and greenest thoroughfare] Leningradskii prospekt; samaya shirokaya i samaya zelenaya magistral' stolitsy. [Moskva] Mosk. rabochii, 1966. 68 p. illus.

MOSCOW—HOUSING

Coworkers join together in communal activities. V. Rabyko. Zhil. i kom. khoz. 16 no. 7: 7-8 Ji '65.

MOSCOW—INSURANCE

Personal insurance in Moscow. N. Remizov. Fin. SSSR 40 no. 6: 63-65 Je '66.

MOSCOW—JUSTICES OF THE PEACE

Work practice of administrative committees; shown in the case of the Kiev District of Moscow. E. P. Plearev. Uch. zap. VNIISZ no. 5: 113-115 '65.

MOSCOW—LIBRARIES

The largest educational library. N. Serebrov. Nar. obr. no. 6: 83-85 Je '66.

MOSCOW—METAL—CUTTING TOOLS

New designs of hard-alloy cutting tools manufactured at the Moscow Cutting-Tool Plant. A.M. Lein, L.S. Kerbi-kov. Mashinostroitel' no.6:31-32 Je '66.

MOSCOW—MILITARY EDUCATION

[In the name of Lenin; a brief historical description of the V.I. Lenin Military-Political Academy] Imeni Leni-na; kratkii istoricheskii ocherk o Voenno-politicheskoi ordena Lenina Krasnoznamennoi akademii imeni V.I. Lenina. Moskva, Voenizdat, 1966. 252 p.

MOSCOW—MILITARY MUSEUMS

Moscow. Tsentral'nyi muzei Vooruzhennykh Sil SSSR. [Central Museum of the Armed Forces of the U.S.S.R.] Tsentral'nyi muzei Vooruzhennykh Sil SSSR. [Moskva, Voenizdat, 1965] 1 v. (chiefly illus.) [Parallel texts in Russian, English, German, and French]

MOSCOW—MUNICIPAL SERVICES

Moral code in action. I. Bodunkov. Zhil.-kom.khoz. 14 no.5:23 My '64.
Muscovites continue the inspection. Zhil.-kom.khoz. 14 no.5:4 My '64.

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

Day of the Variety Theater. I. Miagkova. Teatr 25 no.10:92-95 O '64.

MOSCOW—PETROLEUM REFINERIES—MANAGEMENT

Practice of the Moscow Petroleum Refinery Plant. P. Prosin. Sots.trud 11 no.6:24-34 Je '66.

MOSCOW—PETROLEUM WORKERS—DISEASES AND HYGIENE

Be needed and close to the people. P. Nikitin. Sov. profsoyuzy 22 no.10:29-31 My '66.

MOSCOW—PUNCHED CARD SYSTEMS—MACHINE-TOOL INDUSTRY

Mechanization of standard and plan calculations in the A.I. Efremov "Krasnyi Proletarii" Machine-Tool Plant in Moscow. I. Ratner, A. Gubanov. Sbor.inform. mat.Glav.upr.vych.rab. no.3:31-43 '65.

MOSCOW—REHABILITATION OF JUVENILE DELINQUENTS

Journey to romanticism. V. Kirsanov, I. Kashkadamov. Sov.profsoyuzy 22 no.11:26-28 Je '66.

MOSCOW—RETAIL TRADE—MANAGEMENT

Belkin, G.A. [Economic experiment in the store] Ekonomicheskii eksperiment v magazine. Moskva, Ekonomika, 1966. 71 p.

MOSCOW—SERVICE INDUSTRIES

Kanevskii, E.M., and A.V. Pereslavtsev. [They create good humor] Oni sozdali khoroшее nastroenie. [Moskva] Moskovskii rabochii, 1966. 157 p.

MOSCOW—STREETS

Manina, A.I. [The Komsomol Prospect] Komsomol'skii prospekt. [Moskva] Moskovskii rabochii, 1966. 69 p.

MOSCOW—STUDENTS, FOREIGN

Where the continents meet. T. Pyshnova. Bibliotekar' 43 no.6:38-38 Je '66.

MOSCOW—THEATER

The Moscow Art Theater in London and Paris. Teatr 25 no.10:98-99 O '64.

MOSCOW—THEATER AUDIENCES

Leshka from the gallery. I. Shumskaya. Teatr 25 no.10:96-100 O '64.

TRANSPORTATION, AUTOMOTIVE—

MOSCOW IN LITERATURE AND ART

A Moscow legend. N.N. Belianchikov. Vop.ist. 41 no.7:214-215 Ji '66.

MOSCOW PROVINCE—AMMONIA AS FERTILIZER

Vollov, P. [Experiments in the use of ammoniacal liquor on farms in Moscow Province] Opyt primeneniia vodno-go ammiaka v khoziaistvakh Moskovskoi oblasti. [Moskva] Mosk.rabochii, 1965. 43 p. (DNAI)

MOSCOW PROVINCE—CABBAGE—FERTILIZERS AND MANURES

Orekhovo-Zuyevo. Pedagogicheskii institut. [Some meth-ods for increasing the yield of potatoes, cabbage, and tomatoes in sandy-loam soils of the Moscow region] Ne-kotorye priemy povysheniia urozhainosti kartofella, ka-pusy i pomidorov na supeschanykh pochvakh Podmos-kov'ia. Moskva, 1962. 74 p. (Its Uchenye zapiski, vol.19) [MICROFILM]

MOSCOW PROVINCE—CANCER

Incidence of cancer in Moscow Province from 1957 to 1964. M.D. Lapin, G.A. Bagdasarov. Vop.onk. 12 no.6:83-88 '66.

MOSCOW PROVINCE—FOREST PROTECTION

A forest tract manned by school children. P. Reznikov. Nar.obr. no.6:76-79 Je '66.

MOSCOW PROVINCE—KINDERGARTEN

Zhil'nikova, V.M., ed. [Work education in the kinder-garten; from the practices of the kindergartens of Mos-cow Province] Trudovoe vospitanie v detskoi sadu; iz opyta raboty detskikh sadov Moskovskoi oblasti. Moskva, Gos.uchebno-pedagog.izd-vo, 1963. 85 p. (NIC)

MOSCOW PROVINCE—LIBRARIES

A collection of useful books. V. Shul'ga. Bibliotekar' 43 no.6:50 Je '66.

MOSCOW PROVINCE—MOTORBUS LINES—MANAGE-MENT

Korfi, M.I., and V.I. Pavlov. [Organization of bus trans-portion; practice of Moscow Province] Organizatsiia avtobusnykh perevozok; opyt Moskovskoi oblasti. Moskva, Transport, 1966. 62 p.

MOSCOW PROVINCE—PIONEERS (COMMUNIST YOUTH)

The bugles are sounding... Pioneer summer has begun. D. Arzhelias. Voen.znan. 42 no.6:33 Je '66.

MOSCOW PROVINCE—POTATOES—FERTILIZERS AND MANURES

Orekhovo-Zuyevo. Pedagogicheskii institut. [Some meth-ods for increasing the yield of potatoes, cabbage, and tomatoes in sandy-loam soils of the Moscow region] Ne-kotorye priemy povysheniia urozhainosti kartofella, ka-pusy i pomidorov na supeschanykh pochvakh Podmos-kov'ia. Moskva, 1962. 74 p. (Its Uchenye zapiski, vol.19) [MICROFILM]

MOSCOW PROVINCE—RECREATION AREAS

Kudein, P.G. [Where to rest on your day off; recreation zones of the Moscow area] Gde otodkhnut' v vykhodnoi den'; Podmoskovnye zony otdykha. [Moskva] Moskovskii rabochii, 1966. 92 p.

MOSCOW PROVINCE—ROAD CONSTRUCTION

Production conference contributes to the improvement of economic indices of construction. S.S. Zakharov. Avt.dor. 29 no.2:3 F '66.

MOSCOW PROVINCE—ROSES—DISEASES AND PESTS

Biology of rose sprout sawflies in Moscow Province. V.I. Erokhina. Sbor.rab.MLTI no.11:166-169 '64.

MOSCOW PROVINCE—SPRUCE—DISEASES AND PESTS

Spruce fungus Polystictus triquetus. V.P. Grechkin. Sbor.rab.MLTI no.11:157-165 '64.

MOSCOW PROVINCE—TOMATOES—FERTILIZERS AND MANURES

Orekhovo-Zuyevo. Pedagogicheskii institut. [Some meth-ods for increasing the yield of potatoes, cabbage, and tomatoes in sandy-loam soils of the Moscow region] Ne-kotorye priemy povysheniia urozhainosti kartofella, ka-pusy i pomidorov na supeschanykh pochvakh Podmos-kov'ia. Moskva, 1962. 74 p. (Its Uchenye zapiski, vol.19) [MICROFILM]

MOSCOW REGION—SPRINGS—TEMPERATURE

Results of 10-year observations of the water temperature of springs near the city of Moscow. V.V. Piotrovich. Trudy TSIP no.151:93-148 '63.

MOSCOW UNIVERSITY

Early publishing and printing enterprises of Moscow University. E.I. Katsprzhak. Kniga:issl.i mat. 11: 190-222 '65.

MOSQUITOES

(see also subdivision under III Valley, Kazakhstan; Kazakhstan; Kustanay Province; Syr Darya Valley; Voronezh Province)

Bloodsucking mosquitoes of the Culex pipiens L. complex (Diptera, Culicidae), their practical significance, taxonomy, and biology. E.B. Vinogradova. Ent.oboz. 45 no.2:241-257 '66.

MOSQUITOES—EXTERMINATION

Olfactory reactions of mosquitoes to live and smashed insects. A.M. Dubitskii. Trudy Inst.zool.AN Kazakh. SSR 26:61-64 '66.

MOTHS

New moth species from the families Tineidae and Och-sseiniidae (Lepidoptera). A.K. Zagulayev. Trudy Zool. Inst. 37:146-176 '66.

MOTION OF FLUIDS IN PLANTS see Plants, Motion of fluids in

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment] Ref.zhur.: Fotokhotekh. no.5 My '66.

MOTION PICTURES

(see also subdivision under Georgia; Indonesia)

Vsesoiuznyi gosudarstvennyi fond kinofil'mov. "Chapaev." Moskva, Iskusstvo, 1966. 212 p. illus. [Snedvory sovetskogo kino]

Zhdan, V.N. [Specific character of motion-picture per-trayal] Spetsifika kinobrazn. Moskva, Iskusstvo, 1965. 172 p. (MII)

MOTION PICTURES—LANGUAGE

Krtachevskiy, N.V. [Speech in the movies] Slovo v fil'me. Moskva, Iskusstvo, 1964. 104 p. (WU)

MOTION PICTURES—SOCIAL ASPECTS

The most important social function of Soviet cinema art. A. Romanov. Kommunist 43 no.11:75-83 Ji '66.

MOTION PICTURES, DOCUMENTARY

Vertov, Dziga. [Dziga Vertov; articles, diaries, projects] Dziga Vertov; stat'i, dnevniki, zamysly. Moskva, Iskus-stvo, 1966. 310 p.

MOTION PICTURES IN AGRICULTURE

Motion pictures tell us about the fertilization of our fields. A.I. Chizov. Vest.vys.shkoly 24 no.6:45 Je '66.

MOTION PICTURES IN EDUCATION

How and where we can show educational motion pictures. V.S. Leber. Vest.vys.shkoly 24 no.6:43-44 Je '66. Motion pictures and grade supervisors. N.Urinskii. Nar.obr. no.7:72-75 Ji '66.

Teachers can make their own filmstrips. V.E. Kozlov. Vest.vys.shkoly 24 no.6:45 Je '66.

The use of motion pictures in Russian language classes; experience in supplementary training of East German students. A.A. Bragha. Russk.raz.dlin.stud.-instr. no.1:61-66 '65.

MOTION PICTURES IN METEOROLOGY

Chematography of synoptic processes as a method of study in synoptic meteorology. V.M. Mikhel'. Trudy GGO no.199:160-167 '66.

MOTOR FUELS

Ways to save fuel. N. Seregin. Avt.transp. 44 no.6: 6-7 Je '66.

MOTOR SHIPS—HANDLING

Remote control of the ZDZ engines from the rudder house. V. Ishchenko. Rech.transp. 22 no.8:49 Ag '64.

MOTOR SHIPS—TRANSMISSION DEVICES

Modernizing the reverse reduction gear on the "October Revolution" type vessels. V. Borisov. Rech.transp. 22 no.8:50 Ag '64.

MOTOR SLEDGES

Selecting parameters for tractor-driven sledges. V.Sil'nov. Tekh.v sel'khoz. 25 no.3:63-66 Mr '65.

MOTOR VEHICLE DRIVERS

Visual methods of training. V. Voloshinov. Avt.transp. 44 no.5:44-46 My '66.

MOTOR VEHICLES

Balkov, A.V., and S.D. Vygodskii. [Operation of motor vehicles] Eksploatatsiia avtomobilei. Moskva, DOSAAF, 1966. 189 p.

High-roadability ZIL motor vehicles. V. Anokhin. Avt.transp. 44 no.6:38-39 Je '66.

Litinskii, S.A. [Automatic driving of automotive vehi-cles; motor-vehicle pilots] Avtomatizatsiia vozhdeniia samokhodnykh mashin; avtomobil'teil. Moskva, Energiya, 1966. 142 p. (Biblioteka po avtomatike, no.169)

MUSIC—ALMANACS, YEARBOOKS, ETC.

[Ukrainian music studies, 1964; a methodological inter-departmental annual] *Ukrainskoe muzykovedenie 1964; nauchno-metodicheskiy mezhvedomstvennyy ezhegodnik*. Kiev, Mysetstvo, 1966. 336 p.

MUSIC—DICTIONARIES

Shtetnpress, B.S., and I.M. Lampol'skil. [Encyclopedic music dictionary] *Entsiklopedicheskii muzykal'nyi slovar'*. Izd. 2, ispr. i dop. Moskva, Sovetskaya Entsiklopediya, 1966. 631 p.

MUSIC—INSTRUCTION AND STUDY

Here they train the future artists and musicians. A. Morina, *Nar. obr.* no. 6:69-71 Je '66.

MUSIC, UKRAINIAN—HISTORY AND CRITICISM

Hordyn'ska-Karanovych, D., and others. [Problems in musical historiography; articles and reviews, Apropos of A. Rudnyts'kyi's book "Ukrainian music"] *Problemy muzychnoi istoriografii; stat'i ta retsenzii. Z pryvodu polavy knyzhky A. Rudnits'koho "Ukrains'ka muzyka"*. New York, 1965. 55 p.

MUSIC AND LITERATURE

Words and music. O.I. Samochatova, *Vest. vys. shkoly* 24 no. 6:80-82 Je '66.

MUSICIANS, LATVIAN

[Musicians and composers of Soviet Latvia] *Podomju Latvijas muzikas darbinieki*, Riga, Liesma, 1965. 663 p. [In Latvian]

MUSK OX

Inhabitants of high latitudes. S.M. Uspenskii, F.B. Cherniavskii, *Priroda* 55 no. 6:97-99 '66.

MUTNOVSKIY VOLCANO

Active funnel of the Mutnovskiy Volcano. E.A. Vakin, I.T. Kirsanov, A.A. Pronin, *Blud. vulk. sta.* no. 40:25-35 '66.

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Basic trends in the activity of the permanent commission of the Mutual Economic Assistance Council on geology in the field of scientific and technological studies. B.N. Erofeev, A.E. Golov, *Razved. i okh. nedr.* 31 no. 10:61-63 O '66.

The Comecon and its bourgeois critics. V. Sergeev, E. Kazhinskaya, *Nauch. dokl. vys. shkoly; ekon. nauki* 9 no. 3:82-89 '66.

Cooperation of socialist countries in the field of transport. B. Gorizontov, *Vnesh. torg.* 46 no. 6:16-19 '66.

Cooperation of the socialist countries in the new five-year period. N. Semin, *Mezhdunar. zhizn'* 13 no. 7: 15-27 '66.

Economic ties and the development of transport in the Comecon countries. L. Chertkov, *Vop. ekon.* no. 6: 101-110 Je '66.

Important factor in the economic progress of the socialist countries. I. Dudinskii, *Mezhdunar. zhizn'* 13 no. 6: 26-35 '66.

In search for new ways. A. Alekseev, A. Sokolov, *Mezhdunar. zhizn'* 13 no. 8:120-123 '66.

Problems of economic relations among socialist countries. I.U. Beliaev, *Mezhdunar. zhizn'* 13 no. 8: 21-30 '66.

Tuzov, N.P. [The paths of transition to socialism are various] *Puti perekhoda k sotsializmu mnogoobrazny*. Leningrad, Znaniye, 1966. 44 p.

MUTUAL ECONOMIC ASSISTANCE COUNCIL—CONGRESSES

In the Permanent Commission of the Mutual Economic Assistance Council for the Coal Industry. K.P. Danilov, *Ugol'* 41 no. 6:75-76 Je '66.

MYCOBACTERIUM—CLASSIFICATION

World distribution, isolation, and classification of mycobacteria. Report No. 2: Classification and methods of identification. M.P. Zykov, *Zhur. mikrobiol., epid. i immun.* 43 no. 5:86-92 My '66.

MYCOLOGICAL RESEARCH see subdivision under Ukraine

MYCORRHIZA

Role of mycorrhiza in the manifestation of the physiological activity of the roots of the larch. Report No. 1. G.A. Zak, G.I. Tserling, *Izv. Kuzb. SKHI* 17:199-203 '65.

MYOPIA

Spasm of accommodation in myopia and myopic astigmatism. K.A. Adigeevalova-Folcheva, *Trudy Azerb. nauch.-issl. inst. oft.* 4:74-77 '63.

MYOPIA—PREVENTION see subdivision under Azerbaijan

MYTILACEA, FOSSIL see subdivision under Soviet Far East

MYTISHCHI DISTRICT—POPLAR—DISEASES AND PESTS

Practices in the chemical control of poplar pests in Mytishchi District. I.U. Kuznetsova, *Sbor. rab. MLTI* no. 11:147-152 '64.

NAGOL'NYI RANGE—CINNABAR

Cinnabar from friable rocks at the village Grekovo (Nagol'nyy Range). B.I. Tkach, O.H. Dvornikov, *Dop. AN URSS* no. 5:634-637 '66.

Some characteristics of cinnabar in the Nagol'nyy Range (Donets Basin). O.H. Dvornikov, *Dop. AN URSS* no. 6: 804-806 '66.

NAKHICHEVAN A.S.S.R.—RODENTS

Materials on the fauna and ecology of rodents in the Nakhichevan A.S.S.R. Sh.B. Alieva, *Trudy Inst. zool. AN Azerb. SSR* 25:133-164 '65.

NAMANGAN—ELECTRIC HEATING

Shift from steam to electric heating. A. Agdashly, *Aglitator* no. 16:53-54 Ag '64.

NAMES, UKRAINIAN

Akademii nauk URSS, Kiev, Ukrain'ska onomastichna komisija. [Onomastics] *Onomastyka*. Kyiv, Naukova dumka, 1966. 160 p. (Respublikans'kyi mizhvidomchyl zbirnyk. Seriya "Pytannia movoznavstva")

NAMES, WHITE RUSSIAN

Biryala, M.V. [White Russian anthroponymy; personal, descriptive, and patronymal names, and nicknames] *Belaruskaya antropanymika; uasnyia imiony, imiony-mianushki, imiony pa bats'ku, prozvislchy*. Minsk, Navuka i tekhnika, 1966. 326 p.

NANSEN, FRIDTJOF, 1861-1930

Gor'kii and Nansen, T.I. Lyasenko, A.I. Vasina, *Vest. AN SSSR* 36 no. 6:73-75 Je '66.

NAPHTHALENE

Cyclization of alkenylbenzenes to alkyltetralins under the effect of magnesium chloride. G.I. Nikitin, V.D. Vorob'ev, *Neftekhimiya* 6 no. 2:186-192 Mr-Apr '66.

Determination of alkenyl derivatives of naphthalene in the process of liquid-phase oxidation of alkyltetralins. A.P. Kreshkov and others, *Neftekhimiya* 6 no. 2:329-332 Mr-Apr '66.

Nucleophilic substitution in the aromatic series. Part 10: Kinetics and mechanism of the reaction of α - and β -chloronaphthalenes with sodium methylate in methyl alcohol. S.M. Shein, V.A. Ignatov, *Zhur. org. khim.* 2 no. 4:704-708 Ap '66.

NAPHTHALENE, EFFECT OF RADIATION ON

Formation of free radicals during ultraviolet irradiation of hydrocarbon solutions of naphthalene at 77°K. B.N. Shelimov, *Kin. i kat.* 7 no. 3:543-545 My-Je '66.

NAPHTHENES

Condensation of 5-chloro, 3-chloro- and 3-fluoro-acenaphthenequinones with 3-hydroxythionaphthene and its derivatives. A.P. Karshin and others, *Zhur. ob. khim.* 36 no. 6:1055-1059 Je '66.

Selective isomerization of cyclopentane hydrocarbons. Isomerization of high-boiling mono and bicyclic naphthenes. A.I. Petrov, E.V. Vsevolozhskaya, O.E. Morozova, *Neftekhimiya* 6 no. 2:172-178 Mr-Apr '66.

Synthesis of naphthenic acids by the direct oxidation of naphthenic hydrocarbons. B.K. Zeinlov, A.A. Akhundov, *Azerb. khim. zhur.* no. 2:33-40 '64.

NAPHTHENIC ACIDS

Synthesis of naphthenic acids by the direct oxidation of naphthenic hydrocarbons. B.K. Zeinlov, A.A. Akhundov, *Azerb. khim. zhur.* no. 2:33-40 '64.

NAPHTHOIC ACID

Spectrophotometric titration in nonaqueous solutions of some naphthyl derivatives of acids. A.P. Kreshkov, L.A. Turnovskii, *Zhur. anal. khim.* 21 no. 5:606-609 '65.

NARCOTIC HABIT

Clinical aspects of codeinomania. I.N. Platinetskaya, *Zhur. nevr. i psikh.* 66 no. 5:757-763 '66.

NARYN VALLEY (KIRGHIZISTAN)—ECONOMIC GEOGRAPHY

Naryn Valley. N.D. Derkembayev, *Izv. Kir. fil. Geog. ob.-va SSSR* no. 5:57-66 '65.

NATIONAL STATE

Conception of the "Soviet state" of the nations of the U.S.S.R. A.V. Radvognin, *Sov. gos. i pravo* 36 no. 7: 129-132 Ji '66.

NATIONALITIES

Alakharov, F.G. [Merging the cultures of Soviet socialist nationalities during the period of the building of communism] *Sblicheniye kul'tur sovetskikh sotsialisticheskikh natsii v period stroitel'stva kommunizma*. Baku, Izd.-vo Akad. nauk Azerbaidzhanskoi SSR, 1964. 135 p.

The CPSU is an international party. N.A. Baranov, A.R. Shaidullin, I.N. Iudin, *Vop. ist. KPSS* 10 no. 7:3-15 Ji '66.

Concept of the "nation." S.T. Kaitakhehtian, *Vop. ist.* 41 no. 6:24-43 Je '66.

Nations and national states in the U.S.S.R. P.G. Semenov, *Vop. ist.* 41 no. 7:72-81 Ji '66.

Scientific conference on problems of closer cooperation among socialist nations and on international education of workers. V.I. Moncharova, *Dop. AN URSS* no. 6:832-834 '66.

NATIONALIZATION OF LAND see Land, Nationalization of

NATURAL GAS see Gas, Natural

NATURAL RESOURCES

(see also subdivision under Gorno-Altai Autonomous Province; Kazakhstan; Siberia, Western)

Dynamics and structure of the utilization of the natural resources in the U.S.S.R. I.V. Komar, *Izv. AN SSSR, Ser. geog.* no. 2:30-42 My-Je '66.

NATURAL RESOURCES—LAW AND LEGISLATION

Structure of the code of laws on protection of nature in the Union Republics. N.D. Kazantsev, *Vest. Moskov. Ser. 12: Pravo* 21 no. 1:82-86 Ja-F '66.

NATURAL RESOURCES—RESEARCH

Integrated studies and aerial photographic surveying of natural resources at the UNESCO International Conference in Toulouse. B.V. Vinogradov, *Izv. Vses. geog. ob.-va* 98 no. 2:187-190 Mr-Apr '66.

NAVAL ARCHITECTURE

Chuvkovskii, V.S., O.M. Palli, and V.E. Spiru. [Sheets of ship structures; new methods of solving linear and nonlinear problems] *Obshchii sudovyykh konstruktiv; novye metody resheniya lineynykh i netseynykh zadach*. Leningrad, Sudostroenie, 1966. 183 p.

NAVAL LOGISTICS see Logistics, Naval

NAVAL MEDICINE see Medicine, Naval

NAVIES see subdivision 'Navy' under Russia

NAVIGATION see subdivision under Antarctic regions

NAVIGATION (ASTRONAUTICS)

Kazantsev, A.P. [Stages of the future] *Stupeni graniuchehogo. 2, dop. izd.* Moskva, Gos. izd.-vo polit. lit-ry, 1963. 111 p. (NN)

NAZI PARTY

Mader, Julius. [Treasures of the "black order"; a documentary story. Translated from the German] *Sokrovishcha "chernogo ordna"; dokumental'nyy razskaz*. Moskva, Politizdat, 1965. 205 p. (CSI-II)

NEAR EAST—SOCIAL CONDITIONS

Character of the society of the ancient East. M.A. Korostovtsev, *Nar. Az i Afr.* no. 3:74-78 '66.

Discussion on the character of the society of the ancient East. P. Vashin, *Nar. Az i Afr.* no. 3:70-81 '66.

Society in ancient Asia. I.U. Kontin, *Nar. Az i Afr.* no. 3:218-220 '66.

NEBULAE

Investigating the elliptical polarization of optical radiation of the Crab nebula. K.G. Dzhalusheva, E.G. Mychelkin, *Astron. zhur.* 43 no. 3:543-549 My-Je '66.

Vorontsov-Vel'aminov, D.A. [Interstellar gas and nebulae] *Mezhevvezdnyy gaz i tumanosti*. Moskva, Znaniye, 1966. 40 p.

NEGROES see subdivision under United States

NEISSERIA

Acute insufficiency of the adrenal cortex in meningococcal infection. N.I.A. Pokrovskaya, R.V. Gromova, *Zhur. nevr. i psikh.* 66 no. 7:998-1001 '66.

NEMATODA

Mermitoids from the larva of dung beetle. G.V. Ivatova, *Okhr. prir. TSentr.-Chern. pol.* no. 5:263-266 '64.

Searching for chemical prevention methods against ascaridosis and heterakle infestation in bees. F.Kh. Dugaileva, *Vest. sel'khoz. nauki (Kazakh.)* 9 no. 5: 47-49 My '66.

NEON ISOTOPES

Investigating the separation of neon isotopes in a film fractionating column. V.N. Grigor'ev, K.G. Brusilovets, *Atom. energ.* 20 no. 6:404-407 Je '66.

NEPHELINE

Mechanism of the interaction of nepheline with lithium. E.I. Khizanov, S.A. Stokheeva, G.V. Kuz'mina, *Syr. res. leg. mol. Vost. Sib.* 5:3-10 '65.

NERO, Emperor of Rome, 37-68

Nero, I.A. Stuchevskii, *Vop. ist.* 41 no. 6:213-217 Je '66.

NEROLIN

Mechanism of acylation in the presence of small amounts of FeCl₃ (benzylation of nerolin). I.N. Zemanina, I.P. Tsukeravnik, *Zhur. org. khim.* 2 no. 4:697-701 Ap '66.

NERVES

Lymanskii, I. P. [Nerve cell and the brain] Nervovaya kllina i mozok. Kyiv, Naukova dumka, 1966. 86 p. (Naukova populiarna literatura)

NERVOUS SYSTEM

"Adaptation" phenomena in the vasculomotor center and motor somatic centers following prolonged stimulation of afferent nerves. I. S. Bazanova, O. S. Merkulova, V. N. Chernigovskii. Trudy Inst. fiziol. 11:20-43 '63.

Characteristics of the effect of various irradiations on the higher nervous activity in animals. N. N. Livshits, A. P. Korolevskii. Radiobiologiya 6 no. 3:411-417 '66.

Distribution of cholinesterase in the cutaneous motor analyzer of the brain in rabbits. M. G. Amadian, E. I. Il'ina-Kakueva. Zhur. vyz. nerv. delat. 16 no. 3:514-518 My-Je '66.

Regeneration of the central nervous system in amphibia. V. N. Petrov, L. M. Belova. Uch. zap. KHGU 14:53-57 '63.

Statistical machine analysis of the impulse activity of individual neurons. B. I. A. Platigorskii. Biol. eksp. biol. i med. 61 no. 6:114-118 Je '66.

NERVOUS SYSTEM—BIBLIOGRAPHY see Bibliography—Nervous system

NERVOUS SYSTEM—DISEASES

(see also subdivision under Ukraine, Western)

Clinical aspects of lesions of the central nervous system in influenza and adenoviral infections in children. V. M. Sepashvili. Zhur. nev. i psikh. 66 no. 7:995-998 '66.

Diagnostic significance of some methods of electromyography in infectious lesions of the nervous system in children. Z. Kh. Manovich. Zhur. nev. i psikh. 66 no. 7:1004-1009 '66.

Differential diagnosis of neurosurgical diseases. N. M. Linchenko. Zhur. nev. i psikh. 66 no. 5:652-657 '66.

Khabarovskoe nauchnoe obshchestvo nevropatologov i psikiatrov. [Problems of neuropathology and psychiatry; papers of the Khabarovsk Society of Neuropathologists and Psychiatrists] Voprosy nevropatologii i psikiatrii; sbornik trudov Khabarovskogo nauchnogo obshchestva nevropatologov i psikiatrov. Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1965. 302 p. (DNLM)

Krol', M. B., and E. A. Fedorova. [Basic neuropathological syndromes] Osnovnye nevropatologicheskie sindromy. Moskva, Meditsina, 1966. 511 p. (DNLM)

Lesions of the nervous system in chronic insufficiency of the adrenal cortex (Addison's disease) in children. V. I. Fedukov. Zhur. nev. i psikh. 66 no. 7:991-994 '66.

Problems of neurogenetics in pediatric clinical aspects. R. A. Tkachev. Vest. AMN SSSR 21 no. 6:91-96 '66.

Use of adrenocortical hormones in rheumatic diseases of the nervous system and collagenoses in neurological practice; a review of the literature. N. B. Man'kovskii, R. L. Kazakevich. Zhur. nev. i psikh. 66 no. 7:1006-1101 '66.

NERVOUS SYSTEM—INSECTS

Interrelationships of the ontogenetic development of the central nervous system of *Gryllus domesticus* L. and *Gryllotalpa gryllotalpa* L. (Orthoptera, Grylliden). A. A. Panov. Ent. oboz. 45 no. 2:326-340 '66.

NERVOUS SYSTEM—MOLLUSKS

Cytochemical study of the giant neurons of *Tritonia diomedea* Bergh. Report No. 1: Nucleic acids, proteins, polysaccharides, and lipids. S. M. Manokhina. Arkh. anat. gist. i embr. 50 no. 5:93-101 My '66.

NERVOUS SYSTEM—SURGERY

Differential diagnosis of neurosurgical diseases. N. M. Linchenko. Zhur. nev. i psikh. 66 no. 5:652-657 '66.

NERVOUS SYSTEM—TUMORS

Chemodectoma diagnosed as nodular goiter. O. V. Nikolaev, A. P. Kalinin. Azorb. med. zhur. 43 no. 4: 83-85 Ap '66.

NERVOUS SYSTEM, AUTONOMIC

Blood morphology as an index of the functional state of the vegetative nervous system in closed cranio-cerebral lesions (cerebral concussion). A. A. Ashrafiev. Azerb. med. zhur. 43 no. 4:59-64 Ap '66.

Changes in the functional state of the vegetative nervous system in bronchial asthma in children. N. A. Tiurin, D. V. Kolesov. Zhur. nev. i psikh. 66 no. 7:1016-1018 '66.

Cytochemistry and cytophysiology of vegetative neurons. L. I. Korochkin. Arkh. anat. gist. i embr. 50 no. 5: 101-111 My '66.

NERVOUS SYSTEM, SYMPATHETIC

Some aspects of acetylcholine metabolism in the sympathetic ganglion of an irradiated organism. L. D. Klimovskaya, A. F. Maslova. Biol. eksp. biol. i med. 61 no. 6:50-53 Je '66.

Submicroscopic organization of glia in the sympathetic ganglion of a cat. T. N. Radostina, I. F. Ivanov. Arkh. anat. gist. i embr. 50 no. 5:66-73 My '66.

NEURAMINIDASE

Neuraminidase of the virus of European chicken plague. N. V. Ershova and others. Vop. vet. virus. 2:184-188 '66.

NEURASTHENIA

Effect of bathing in a pool with seawater on the cardiovascular system of patients with neurasthenia. S. V. Bakhurinskii and others. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:124-128 Mr-Apr '66.

NEUROCHEMISTRY

Bach Lecture. Vest. AN SSSR 38 no. 6:105 Je '66.

Cytochemical study of the giant neurons of *Tritonia diomedea* Bergh. Report No. 1: Nucleic acids, proteins, polysaccharides, and lipids. S. M. Manokhina. Arkh. anat. gist. i embr. 50 no. 5:93-101 My '66.

NEUROFIBROMATOSIS

Diagnosis of hereditary determined dysplasias in children; a case of familial cerebral Recklinghausen's neurofibromatosis. V. A. Lianda, M. M. Tartakovskaya. Zhur. nev. i psikh. 66 no. 7:1034-1037 '66.

NEUROPSYCHIATRY

Effect of prenatal injuries on the neuropsychic development in children. V. K. Kaibish. Zhur. nev. i psikh. 66 no. 7:1041-1045 '66.

Neuropsychic disorders following brain concussion in wartime. V. A. Baranov. Voen.-med. zhur. no. 5:21-25 My '66.

NEUROSECRETION

Itchenok, R. I. [Neurohumoral mechanisms of the reticular formation of the brainstem] Neuro-gumoral'nye mekhanizmy retikulirnoy formatsii stvolnogo mozga. Moskva, Nauka, 1965. 257 p. (DNLM)

Neurosecretion. E. A. Moiseev. Priroda 55 no. 7:54-57 '66.

NEUROSES

Interceptive effects from the small intestine on its vascular and motor-secretory reactions under conditions and in experimental neurosis. V. A. Pastukhov. Trudy Inst. fiziol. 11:258-264 '65.

NEUTRINOS

Nuclear spectroscopy and neutrino astrophysics of the sun. G. E. Kocharov, I. N. Starobunov. Izv. AN SSSR. Ser. fiz. 30 no. 7:1090-1094 JI '66.

NEUTRON DIFFRACTION EXAMINATION

Il'murov, I. U. A., and R. P. Ozerov. [Magnetic neutron diffraction examination] Magnitnaya neitronografika. Moskva, Nauka, 1966. 432 p. (Fiziko-matematicheskaya biblioteka inzhenera)

Neutron-diffraction study of atom-ferromagnetic superstructures FeCo (Fe, Cr)Co (Fe, Mn)Co, and Fe(Co, Ni). I. U. A. Dorofeev, B. G. Lashchenko, I. I. Novak. Izv. AN SSSR. Ser. fiz. 30 no. 6:964-967 Je '66.

Neutronography of ordered Ni-Mn alloys. S. K. Sidorov, A. V. Doroshenko. Fiz. met. i metalloved. 20 no. 6:630-639 D '65.

NEUTRONS

Correlation of neutrons in nuclear reactors considering space and energy distribution. B. Kozik. Atom. energ. 20 no. 6:473-475 Je '66.

Distribution of fast fission neutrons along straight cylindrical channels in water. V. P. Mashkovich and others. Atom. energ. 20 no. 5:410-418 My '66.

Experimental study of the profiling of energy release in reactors on the account of the redistribution of fissionable material. E. S. Glushkov, N. N. Penomarev-Stepnot. Atom. energ. 20 no. 5:478-482 Je '66.

Neutron waves from an infinite plane source of variable power in a subcritical system. I. U. N. Drozhzhinov, I. G. Krutikova. Zhur. vych. mat. i mat. fiz. 6 no. 3: 569-594 My-Je '66.

Using semiconductor detectors for determining neutron yield in D-D and D-T reactions. R. D. Vasil'ev and others. Atom. energ. 20 no. 5:502-508 Je '66.

NEUTRONS—CAPTURE

Measuring the absorption cross sections for fast neutrons by means of a resonance detector in water. V. P. Koroleva, I. U. A. Stavitskii. Atom. energ. 20 no. 5:431-432 My '66.

Spectrum of internal conversion electrons emitted in the reaction $W^{186} (n, \gamma) W^{187}$. P. T. Prokofiev, L. I. Simonova. Izv. AN SSSR. Ser. fiz. 30 no. 7:1210-1212 JI '66.

Spectrum of γ -rays arising in thermal neutron capture in zinc isotopes. L. V. Groshev, A. M. Denidov, N. Shadiev. Izv. AN SSSR. Ser. fiz. 30 no. 7:1136-1141 JI '66.

NEUTRONS—EFFECT ON PLANTS see Plants, Effect of neutrons on

NEUTRONS—SCATTERING

Averaging of cross sections in the thermal region for media containing zirconium hydride. L. M. Gorbunov and others. Atom. energ. 20 no. 5:436-438 My '66.

Description of the elastic scattering of neutrons on nuclei by means of a nonlocal optical potential. B. B. Dotsenko, V. I. Strizhak. Izv. AN SSSR. Ser. fiz. 30 no. 7:1107-1113 JI '66.

Natural rotation of the neutron spin direction. V. G. Baryshevskii. Izv. fiz. 4 no. 1:72-74 JI '66.

NEUTRONS—SPECTRA

Reaction $He^4 (He^3, n) Be^6$. M. Gullamov, B. V. Rybakov, V. A. Sidorov. Izv. fiz. 4 no. 1:93-96 JI '66.

Using resonance indicators in measuring neutron spectra in the energy area up to 3 kev. A. V. Zvonarev and others. Atom. energ. 20 no. 6:518-520 Je '66.

NEUTRONS—TRANSFER

Angular distributions of fast neutrons behind thin shields. I. V. Gorichev and others. Atom. energ. 20 no. 6: 469-473 Je '66.

Elementary solutions of the equation of neutron transfer for problems with cylindrical and spherical symmetry. N. I. Lalestin. Atom. energ. 20 no. 6:509 Je '66.

NEVEL'SHTEIN, GRIGORII SOLOMONOVICH, 1895-1966

Grigori Solomonovich Nevel'shtein. Izv. Vses. Geog. ob-va 99 no. 3:273-275 My-Je '66.

Grigori Solomonovich Nevel'shtein; obituary. L. I. Bonifat'eva and others. Izv. AN SSSR. Ser. geog. no. 3: 153 My-Je '66.

NEW YORK (CITY)—STRIKES AND LOCKOUTS—

TRANSPORT WORKERS

Lessons of a victory. John Dyer. Vsem. prof. dvizh. no. 3:6-8 My '66.

NEWCASTLE DISEASE

Study of interferon obtained in different tissue systems infected with the Newcastle disease virus. N. I. Korabel'nikova and others. Vop. vet. virus. 2:50-57 '66.

NEWCASTLE DISEASE—MICROBIOLOGY

Absorption of the Newcastle disease virus by bentonite. N. A. Ulpov, E. M. Khripunov. Vop. vet. virus. 2:38-41 '66.

Study of carriers of the Newcastle disease virus. G. V. Dunaev, E. N. Nazarenko. Vop. vet. virus. 2:637-639 '66.

Survival of tissue cells of a chicken embryo in a suspension and the reproduction of the Newcastle disease virus. A. A. Pozdnyakov and others. Vop. vet. virus. 2:325-334 '66.

NICARAGUA—POLITICS AND GOVERNMENT

They have a short memory, and their hands are short, too. Nicaragua. L. Kamynin. Mezhdunar. zhizn' 13 no. 8:110-111 '66.

NICKEL see subdivision under Kustanay Province

NICKEL—METALLOGRAPHY

Effect of the annealing temperature on the structure of acetal nickel. K. T. Chernousova, A. A. Presnlakov. Trudy Inst. met. i obog. AN Kazakh. SSR 15:74-76 '66.

NICKEL—METALLURGY

[Metallurgy of copper, nickel, and cobalt; alternative courses] Metallurgiya medi, nikel' i kobalt'a; alternativnyi kurs. [By] V. I. Smirnov i dr. Moskva, Metallurgiya. Pt. 2. [Metallurgy of nickel and cobalt] Metallurgiya nikel' i kobalt'a, 1966. 404 p.

NICKEL—TESTING

Nature of the anomalous behavior of nickel. V. F. Sukhovarov and others. Fiz. met. i metalloved. 20 no. 6:930-933 D '65.

NICKEL ALLOYS—ELECTROMETALLURGY

Effect of rare-earth metals on the structure and properties of a RhNiTiTiAl nickel alloy. T. V. Svistunova, G. V. Batulin. Fiz. met. i metalloved. 18 no. 1:150-153 JI '62.

NICKEL ALLOYS—MAGNETIC PROPERTIES

Temporary drop in the permeability of N70, N76M1 and N76M4 alloys. B. G. Livahtis, M. Shtefan, L. A. Khalin. Fiz. met. i metalloved. 18 no. 1:31-38 JI '64.

NICKEL—ALUMINUM ALLOYS see Aluminum-nickel alloys

NICKEL—ALUMINUM-COBALT ALLOYS see Aluminum-nickel-cobalt alloys

NICKEL CATALYSTS

Studying the process of leaching aluminum-nickel alloys for the production of acetal catalysts. A. A. Presnlakov, K. T. Chernousova, T. T. Bocharova. Trudy Inst. met. i obog. AN Kazakh. SSR 15:65-73 '66.

NICKEL—CHROMIUM ALLOYS—HARDENING

Theory of the hardening of NiCr-type solid solutions. L. E. Popov, E. V. Kozlov. Fiz. met. i metalloved. 18 no. 1:111-115 JI '64.

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NONFERROUS METALS—HYDROGEN CONTENT

Kolachev, B.A. [Hydrogen brittleness of nonferrous metals] *Vodorodnaya khrupkost' tsvetnykh metallov*. Moskva, Metallurgiya, 1966. 255 p.

NONFERROUS METALS—METALLURGY

Okunev, A.I., I.A. Koshlanovskii, and P.A. Donchenko. [Fuming of slags; theory and practice] *Fumirovaniye shlakov: teoriya i praktika*. Moskva, Metallurgiya, 1966. 258 p.

NONLINEAR DIFFERENTIAL EQUATIONS see Differential equations, Nonlinear

NONMANUFACTURING INDUSTRIES

Tendencies of the distribution of labor resources between the productive and nonproductive spheres. T.N. Medvedeva. *Uch.zap.Ped.Inst.Gerts.* 286:171-184 '66.

NONWAGE PAYMENTS

Methodology of computing public consumption funds. L.Tulchinskii. *Vest.stat.* no.6:37-42 '66.

NONWOVEN FABRICS

Tikhomirov, V.B. [Nonwoven fiber-bonded materials] *Netkanye kislynye materialy*. [Leningrad] Legkaya industriya, 1966. 349 p.

NONWOVEN FABRICS—TESTING

General testing specifications for bonded nonwoven fabrics. M.I. Sukhorev, L.S. Fedoseeva. *Izv.vys.ucheb.zav.* tekhn.tekhn.prom. no.2:51-51 '66.

NORTH ATLANTIC TREATY ORGANIZATION

Belgium and NATO. Jean-Marie Chauvet. *Nov.vrem.* 24 no.28:19 JI '66.

Danger of a bargain about Cyprus. V.Kondrat'ev. *Mezhdunar.zhizn'* 13 no.6:118-119 '66.

Disputes and compromises in Brussels. L.Vidiasova. *Mezhdunar.zhizn'* 13 no.7:97-99 '66.

Meeting without surprises; the West European Union. A.Nikanorov. *Mezhdunar.zhizn'* 13 no.8:111 '66.

New horizons of Europe. S.Beglov. *Mezhdunar.zhizn'* 13 no.7:8-17 '66.

The plot against Cyprus. N.Nisholts. *Nov.vrem.* 24 no.28:10-11 Je '66.

Scandinavia looks for an alternative. G.Delnichenko. *Nov.vrem.* 24 no.27:23-24 JI '66.

"The three points" of the Bundeswehr doctrine. V.Larionov. *Nov.vrem.* 24 no.28:13-15 JI '66.

NORTH KOREA see Korea, North

NORTH OSSETIA see Ossetia, North

NORTHEAST PASSAGE

Mironov, A.E. [Ice odyssey (notes of a member of the "Cheliuskin" expedition; a documentary narrative)] *Ledovaya odisseya (zapiski cheliuskinskaya; dokumentalnaya povest')*. [Moskva] Motodnaya gvardiya, 1966. 228 p.

NORTHERN BAIKAL HIGHLAND—PEGMATITES

Characteristics of the distribution of alkali elements and beryllium in the pegmatite minerals of the Northern Baikal pegmatite belt. M.M. Manuilova and others. *Geokhimiya* no.4:410-422 Ap '66.

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN HEMISPHERE—ATMOSPHERIC TEMPERATURE

Formation of a seasonal air temperature anomaly and the relation with its distribution in the northern hemisphere. M.A. Dulitseva, D.A. Ped'. *Trudy TSIP* no.153:17-63 '66.

Method of forecasting the mean monthly air temperature anomaly taking into consideration its intensity in the northern hemisphere. K.A. Vashukov, D.A. Ped'. *Trudy TSIP* no.153:22-49 '66.

NORTHERN HEMISPHERE—METEOROLOGY

Correlation of synoptic processes in the northern parts of the Atlantic and Pacific Oceans. A.I. Sorokina. *Trudy GGO* no.198:53-68 '66.

NORTHERN HEMISPHERE—PRECIPITATION (METEOROLOGY)

Precipitation changes in the northern hemisphere as related to temperature changes in the polar basin. O.A. Drazdov. *Trudy GGO* no.198:3-16 '66.

NORWAY—GEOLOGY, STRUCTURAL

Relation of the seismicity of the Baltic Shield and Norwegian cantedonides to recent tectonics. N.I. Nikolaev. *Vest.Mosk.un.Ser.4:Geol.* 21 no.3:20-30 My-Je '66.

NORWAY—INDUSTRIAL RELATIONS

Forced partnership. A. Antonov. *Nov.vrem.* 24 no.28:22-23 JI '66.

NOSE, ACCESSORY SINUSES OF—RADIOGRAPHY

Significance of roentgenography of the accessory sinuses of the nose in persons of the flying profession. A.R. Mansurov, I.G. Kravynskii, S.I. Soznov. *Voen.-med. zhur.* no.6:68-69 Je '66.

NO SOLOGY

International statistical disease classification in the work of the treating physician. I.I. Alekperov. *Azerb. med.zhur.* 43 no.4:47-51 Ap '66.

NOTARIES see subdivision under Azerbaijan

NOVGOROD (DUCHY)—HISTORY—SOURCES

The Novgorod manuscripts of Antoni of Rome and their dates. V.I. Anin. *Vest.Mosk.un.Ser.9:1st.* 21 no.3:69-80 My-Je '66.

NOVOBOCIN

Effectiveness of novobocin in treating infections produced by a staphylococcal strain resistant to penicillin. M.A. Petrova. *Antibiotiki* 9 no.10:997-910 O '64.

Preparation of biologically inactive products of novobocin molecule conversion. L.V. Birlina, D.M. Trakhtenberg. *Antibiotiki* 11 no.5:395-399 My '66.

NOVOGLOVKA (AZERBAIJAN)—CONJUNCTIVITIS, GRANULAR

Comparative evaluation of the results of trachoma treatment with etazol combined with rondsia and terramycin in the village of Novoglovka, Astrakhan-Bazar District. K.A. Alizade and others. *Trudy Azerb.nauch.-issl.inst.oft.* 4:7-12 '63.

NOVOROSSIYSK—TRADE UNIONS

Work style of a local trade-union committee. V. Rabyko. *Zhuk.-kom.khoz.* 14 no.5:12-13 My '64.

NOVOSIBIRSK—CITY PLANNING

The science city of Siberia. A.S. Ladinskii. *Vest. AN SSSR* 36 no.6:33-41 Je '66.

NOVOSIBIRSK—HARBOR

Cooperation of dockers and railroaders. V. Nefedov, A. Shiraev. *Rech.transp.* 22 no.8:23-24 Ag '64.

NOVOSIBIRSK—MARINE RAILWAYS

Cooperation of dockers and railroaders. V. Nefedov, A. Shiraev. *Rech.transp.* 22 no.8:23-24 Ag '64.

NOVOSIBIRSK—PARCEL POST

Mechanization of the processing of packages in the Novosibirsk mail transportation department. G.M. Chebo-dov. *Vest.sviat'* 26 no.4:23-25 Ap '66.

NOVOSIBIRSK—SAVINGS BANKS

Important condition for the growth of savings. F. Ivanov. *Denn.kred.* 24 no.6:50-61 Je '66.

NOVOSIBIRSK PROVINCE—TILLAGE

Methods for tilling Solonchaks soils in Siberia. P. Kulebakin. *Tekh.v sel'khoz.* 25 no.3:9-12 Mr '65.

NOVOSIBIRSK PROVINCE—TRADE UNIONS

Zaitsev, A.V., and A.P. Lyasnikov. [Public bureau of economic analysis on a state farm] *Obshchestvennoye biuro ekonomicheskogo analiza v sovkhوزه*. [Moskva] Profizdat, 1964. 38 p. (Biblioteka sel'skogo profesluznogo aktivista, no.9(33))

NUCLEAR ENGINEERING

[Nuclear engineering abroad] *Atom.tekh.za rub.* 9 no.8 '65.

NUCLEAR FISSION

Distribution of fast fission neutrons along straight cylindrical channels in water. V.P. Mashkovich and others. *Atom.energ.* 20 no.5:416-418 My '66.

Experimental study of the profiling of energy release in reactors on the account of the redistribution of fissionable material. E.S. Glushkov, N.N. Penomarev-Step-nol. *Atom.energ.* 20 no.6:478-482 Je '66.

Fissionability of nuclei in the region Z^2/A above 35 in high energy proton fission. V.A. Kon'shin, E.S. Matusevich, V.I. Rogushovskii. *IAd.fiz.* 4 no.1: 97-99 JI '66.

NUCLEAR GEOPHYSICS

Nuclear prospecting of mineral deposits and analysis of mineral materials. A.K. Derzhin, A.M. Blumentsev. *Izot.v SSSR* no.1:15-18 '65.

NUCLEAR MAGNETIC RESONANCE

Aliphatic fluoronitro compounds. Report No.6: Proton magnetic resonance spectra and ionization constants of polyfluoronitroalkanes. I.L. Kramnikova, L.S. German, I.N. Rozhkov. *Izv. AN SSSR.Ser.khim.* no.6:1062-1065 '66.

Monocycloalkanes. Part 6: Association with dimethylformamide studied by means of proton magnetic resonance. I.E. Saratov, V.O. Reikhsfel'd. *Zhur.ob.khim.* 38 no.6:1060-1074 Je '66.

Nuclear magnetic resonance and electronic structure of uranium, thorium, and zirconium tetrafluorides. S.P. Galuda, I.U. V. Ogarinskii, A.G. Lundin. *Zhur. struk.khim.* 7 no.2:192-199 Mr-Apr '66.

Nuclear magnetic resonance of B11 in polycrystalline borates. N.M. Aleksandrov, V.M. Ushakov. *Vest. LGU* 21 no.10:61-65 '66.

Nuclear magnetic resonance spectra and structure of molecules of fluorinated polyarylenes. V.L. Maksimov, M.P. Votinov, A.F. Dokukina, Vysokom.sod. 8 no.6:117-123 Je '66.

Nuclear magnetic resonance spectra of protons and the conformation of chlorine-substituted alkyl cyclohexane molecules. I.U. Samotov, P.A. Mamedov, A.A. Musina. *Azerb.khim.zhur.* no.2:103-111 '64.

Proton magnetic resonance of methylchloromethyldivinyl-hydroxysilane. P.V. Petrovskii and others. *Zhur. struk.khim.* 7 no.2:271-277 Mr-Apr '66.

Some features of nuclear magnetic resonance in ferromagnetics. V.A. Ignachenko, I.U. A. Kudenko. *Izv. AN SSSR.Ser.fiz.* 30 no.6:933-935 Je '66.

Study of crystallization of some polymers by the nuclear magnetic resonance method. R.IA. Sagitov, A.I. Mak-lakov. *Vysokom.sod.* 8 no.6:1003-1006 Je '66.

Study of the reaction between triallylboron and methyl borate by the proton magnetic resonance method. B.M. Mikhailov and others. *Izv. AN SSSR.Ser.khim.* no.6:1117-1118 '66.

Use of nuclear magnetic resonance for investigating liquid media; a survey. P.M. Borodin, E.N. Sventitskii, V.I. Chizhik. *Zav.lab.* 32 no.5:531-542 '66.

NUCLEAR MODELS

Reaction (π, n) and models of the Li⁶ nucleus. T.I. Kopaleishvili, I.Z. Machabelli. *IAd.fiz.* 4 no.1: 37-41 JI '66.

NUCLEAR PHYSICS—RESEARCH

The 19th session of the Academic Board of the Unified Institute of Nuclear Research. V. Birlinikov. *Atom. energ.* 20 no.6:523-525 Je '66.

NUCLEAR REACTIONS

Analysis of reactions $n \rightarrow \pi$, $n \rightarrow \pi$ in the energy region up to 1 GeV. V.A. Zhukov, I.L. Nemenov, I.Dan' Zhun-fan [Yuan Jung-fang]. *IAd.fiz.* 4 no.1:140-155 JI '66.

CP-parity nonconservation in strong interactions and β γ correlation. G.A. Lohkov. *Izv. AN SSSR.Ser.fiz.* 30 no.7:1114-1117 JI '66.

Detection of a spontaneously fissionable isomer with $T_{1/2} \approx 2.6$ min in the nuclear reactions: $U^{233} + n$ and $U^{233} + p$. V.I. Kuznetsov, M.K. Skobelev, G.N. Fierov. *IAd.fiz.* 4 no.1:100-101 JI '66.

K-forbidden β -transitions in Tb^{160} decay. B.S. Dzhele-pov and others. *Izv. AN SSSR.Ser.fiz.* 30 no.7: 1159-1166 JI '66.

Reaction $He^4 (He^3, n) Be^6$. M. Gullamov, B.V. Rybakov, V.A. Sidorov. *IAd.fiz.* 4 no.1:93-94 JI '66.

Reaction (π, n) and models of the Li⁶ nucleus. T.I. Kopaleishvili, I.Z. Machabelli. *IAd.fiz.* 4 no.1:37-41 JI '66.

Using semiconductor detectors for determining neutron yield in D-D and D-T reactions. R.D. Vasil'ev and others. *Atom.energ.* 20 no.6:507-508 Je '66.

NUCLEAR REACTORS

Correlation of neutrons in nuclear reactors considering space and energy distribution. B. Kozik. *Atom.energ.* 20 no.6:473-478 Je '66.

Designing a reactor with a variable density circulating fuel. V.M. Novikov. *Atom.energ.* 20 no.5:520-522 Je '66.

Detecting a leak in the sodium-water type steam generator. V.I. Subbotin and others. *Atom.energ.* 20 no.6: 482-485 Je '66.

Effect of gamma irradiation on scum formation. V.N. Vasina, V.N. Aleksandrova, V.V. Gerasimov. *Atom. energ.* 20 no.5:435-436 My '66.

New method of chemical dosimetry of reactor radiation. M.V. Vladimirova and others. *Atom.energ.* 20 no.6: 508-510 Je '66.

Unit for oscillatory measurements of a nuclear reactor. A.I. Efanov and others. *Atom.energ.* 20 no.5:437-439 My '66.

NUCLEAR REACTORS—ABSTRACTS

[Nuclear reactors] *Ref.zhur.* IAd.reak. no.5 My '66.

NUCLEAR REACTORS—CONGRESSES

Conference on the physics and technology of research reactors. G. Zhemchuzhnikov. *Atom.energ.* 20 no.5:450-451 My '66.

NUCLEAR RESEARCH see subdivision under Dubna

NUCLEAR SHELL THEORY

Plasma oscillations of an electron atom shell. D.A. Khrushchev, I.U. E. Lozovik. *Usp.fiz.nauk* 60 no.1:30-47 My '66.

NUCLEAR SPIN

Angular correlation of the elastic scattered ions and γ quanta emitted after the coulomb excitation of Mo^{97} , Pd^{105} , and Ba^{135} . L.N. Gal'perin, G.M. Gushchik, I. Kh. Lemberg. *Izv. AN SSSR.Ser.fiz.* 30 no.7:1221-1227 JI '66.

$\beta^+ \gamma$ Coincidence in Ho^{163} decay. B.S. Dzhele-pov, O.E. Kraft, I.U. V. Naumov. *Izv. AN SSSR.Ser.fiz.* 30 no.7:1127-1129 JI '66.

$\beta^+ \gamma$ Coincidence in Ir^{188} decay. B.S. Dzhele-pov and others. *Izv. AN SSSR.Ser.fiz.* 30 no.7:1124-1126 JI '66.

NUCLEAR SPIN (Continued)

- Spin-¹⁴³ decay. I. U. Bolinina, E. I. Biriukov, N. S. Shimanovskaya. *Izv. AN SSSR, Ser. fiz.* 30 no. 7:1130-1135 JI '66.
- Frequency of parametrically excitable spin waves. I. A. Derugin, G. A. Melkov. *Izv. AN SSSR, Ser. fiz.* 30 no. 6:1008 Je '66.
- Mass formulas for particles with spin 1 and 3/2 in broken SU (3)-symmetry. A. I. Vainshtein. *IAd, fiz.* 4 no. 1:188-191 JI '66.
- Natural rotation of the neutron spin direction. V. G. Baryshevskii. *IAd, fiz.* 4 no. 1:72-74 JI '66.
- Spin-wave resonance in thin films of the Fe-Ni-Co alloy. G. I. Rusov, E. V. Kuz'min, B. P. Tushkov. *Izv. AN SSSR, Ser. fiz.* 30 no. 6:1009-1010 Je '66.
- Spins of three-particle isomeric states of spherical nuclei with an odd mass number. L. K. Peker. *IAd, fiz.* 4 no. 1:27-29 JI '66.
- Sum rules for reduced E2-transition probabilities in nonaxial even-even nuclei. V. I. Orsharenko. *IAd, fiz.* 4 no. 1:30-36 JI '66.

NUCLEI, ATOMIC

- Collective states of nuclei in the Tamm-Dancoff method. P. Fogel'. *Izv. AN SSSR, Ser. fiz.* 30 no. 7:1095-1100 JI '66.
- Coulomb excitation of light nuclei at exceeding barrier energy. O. F. Adomn, A. P. Grinberg, I. Kh. Lemberg. *Izv. AN SSSR, Ser. fiz.* 30 no. 7:1142-1149 JI '66.
- Equilibrium distortion of heavy nuclei. E. B. Bal'butsev, I. N. Mikhailov. *Izv. AN SSSR, Ser. fiz.* 30 no. 7:1118-1123 JI '66.
- Experimental determination of the compressibility of nuclei from the isotope shifts of X-ray lines. A. F. Mezentshev and others. *Izv. AN SSSR, Ser. fiz.* 30 no. 7:1167-1172 JI '66.
- Interaction of elementary particles with atomic nuclei in the 1 + 30 GeV energy region. I. Z. Artykov, V. S. Barashnikov, S. M. Eliseev. *IAd, fiz.* 4 no. 1:156-160 JI '66.
- Low-lying energy levels of Ag¹⁰⁸. I. V. Estulin. *IAd, fiz.* 4 no. 1:22-26 JI '66.
- Magnetic moments of deformed nuclei. E. P. Grigor'ev, A. V. Zolotarev, V. O. Sergeev. *Izv. AN SSSR, Ser. fiz.* 30 no. 7:1176-1184 JI '66.
- Problem of intranuclear effect in internal conversion. M. E. Volkovskii, M. A. Listengarten, A. P. Feresin. *IAd, fiz.* 4 no. 1:66-71 JI '66.
- Two-quantum transitions of atomic nuclei. (γ, e)-process. D. P. Grechukhin. *IAd, fiz.* 4 no. 1:42-51 JI '66.

NUCLEI, ATOMIC—SPECTRA

- Nuclear spectroscopy and neutrino astrophysics of the sun. G. E. Kocharov, I. U. Starobin. *Izv. AN SSSR, Ser. fiz.* 30 no. 7:1090-1094 JI '66.

NUCLEIC ACID METABOLISM

- Autoradiographic study of deoxyribonucleic acid synthesis in compensatory hypertrophy of the kidneys. M. R. Antipova, Arkh. anat., gist. i embr. 50 no. 5:34-37 My '66.
- Changes in the nucleic acid concentration in the liver and testes of rabbits following intervarietal crossings. M. P. Volovik, I. P. Filippova. *Uch. zap. KHGU* 140:5-11 '63.
- DNA synthesis in the mitochondria of protozoans. V. K. Nilova, K. M. Sukhanova. *Dokl. AN SSSR* 168 no. 4:921-923 Je '66.
- Inhibition of ribonucleic acid synthesis under the influence of the antibiotic 6270 of the echinomycin group in bacterial and animal cells. G. G. Gause and others. *Antibiotiki* 11 no. 5:423-426 My '66.
- Study of RNA in the cytoplasm of the fibroblasts of connective tissue in the histogenesis and formation of the skin of the golden hamster. G. P. Sokolova. *Arkh. anat., gist. i embr.* 50 no. 5:88-92 My '66.
- Synthesis of deoxyribonucleic acid and the multiplication of nuclei during the development of smooth muscles. G. A. Dubinko. *Arkh. anat., gist. i embr.* 50 no. 5:47-53 My '66.
- Synthesis of nucleic acids in the pulmonary tissues of baby chicks infected by the virus of European chicken plague. A. A. Sulimov, G. A. Ivanova. *Vop. vet. virus.* 2:171-178 '66.

NUCLEIC ACIDS

- Anomalous dispersion of the optical activity of complexes of deoxyribonucleic acid T2 acids with phencyanol. V. I. Permogorov, I. U. S. Lazurkin. *Vysokom. soed.* 8 no. 8:1124-1131 JI '66.
- Antigenic properties of DNA. K. V. Blin. *Blud. eksp. biol. i med.* 61 no. 5:91-93 My '66.
- Antigenic properties of DNA entering into the artificial DNA-protein complex. K. V. Blin. *Blud. eksp. biol. i med.* 61 no. 6:58-61 Je '66.
- Complexing of copper ions with deoxyribonucleic acid. K. B. I. A. Ismirskii, E. F. Kriss, T. I. Akhrameeva. *Dokl. AN SSSR* 168 no. 4:840-843 Je '66.
- Cytochemical analysis of DNA concentration in the cells of ascitic tumors. M. L. Efimov, T. S. Kleibok. *Vop. onk.* 12 no. 6:87-90 '66.

- Effect of deoxyribonucleic acid from a calf kidney on some indices of L cells and their sensitivity to the swine influenza virus. F. V. Sushkov and others. *Vop. vet. virus.* 2:90-92 '66.
- Effect of deoxyribonucleic acid from a calf thymus on the cells of the kidney of a young pig and chicken embryos in tissue culture. F. V. Sushkov and others. *Vop. vet. virus.* 2:93-98 '66.
- Effect of hydrolytic enzymes on so-called pseudoterminal groups of DNA. O. S. Kisilina, I. I. Nikol'skaya, T. I. Tikhonenko. *Dokl. AN SSSR* 168 no. 4:944-948 Je '66.
- Effect of magnesium ions on the conformation of ribonucleic acid. I. A. Epshtein. *Izv. Otd. biol. nauk. AN Tadzh. SSR* no. 1:111-118 '66.
- Effect of serotonin and sarcolysine on the content of nucleic acids in the blood and sarcoma 45 in rats. L. B. Kikukina. *Vop. onk.* 12 no. 6:62-64 '66.
- Fluorescence microscopic detection of viral ribonucleic acid in irradiated tissue culture infected by the foot-and-mouth disease virus. V. I. Riabov, R. F. Gugin, I. A. Chistikov. *Vop. vet. virus.* 2:626-627 '66.
- Infectious and immunogenic properties of ribonucleic acid of the virus of infectious encephalomyelitis of horses. P. Z. Arfiteatov, N. K. Gizatullina. *Vop. vet. virus.* 2:160-163 '66.
- Isolation and properties of ribonucleic acid of the foot-and-mouth disease virus. P. A. Sapelkin, A. S. Okovytil, N. B. Shalygina. *Vop. vet. virus.* 2:164-166 '66.
- Isolation of nucleic acids from the vaccine strain LT of the cattle plague virus and the European chicken plague virus. I. F. Ometova and others. *Vop. vet. virus.* 2:189-190 '66.
- Structure of DNA isolated from silkworms infected with nucleic polyhedrosis virus. A. V. Chystakova, H. M. Dobrovols'ka, I. P. Kok. *Dop. AN URSSR* no. 5:643-646 '66.
- Study of RNA amount in the cells of the spinal cord following gamma irradiation. V. E. Shungskaya, E. N. Zarkh, N. D. Nikolaeva. *Radiobiologiya* 6 no. 3:353-355 '65.
- Study of the infectious activity of ribonucleic acid of the foot-and-mouth disease virus. N. K. Gizatullina. *Vop. vet. virus.* 2:167-170 '66.

NUCLEONS

- Suppression of large transfers in peripheral interactions as a manifestation of the nucleon "smearing." I. A. Kuchin, A. S. Tolubayeva, P. A. Usik. *IAd, fiz.* 4 no. 1:102-104 JI '66.
- Tensor forces in paired interaction. I. A. Shv, I. U. I. Kharitonov. *Izv. AN SSSR, Ser. fiz.* 30 no. 7:1086-1089 JI '66.

NUCLEONS—SCATTERING

- Polarization tensor in the scattering of polarized nucleons on a polarized proton target. S. I. Bilen'skaya and others. *IAd, fiz.* 4 no. 1:132-138 JI '66.

NUCLEOTIDASES

- Effect of hydrolytic enzymes on so-called pseudoterminal groups of DNA. O. S. Kisilina, I. I. Nikol'skaya, T. I. Tikhonenko. *Dokl. AN SSSR* 168 no. 4:944-948 Je '66.

NUCLEOTIDES

- Disorders of nucleotide metabolism in pumpkin roots under conditions of potassium deficiency. E. I. Vyskrebentseva, M. S. Krasavina. *Fiziol. rast.* 13 no. 3:433-445 My-Je '66.
- Free nucleotides and their derivatives in the organism of insects. G. A. Sevast'yanova. *Usp. sov. biol.* 61 no. 3:321-337 My-Je '66.

NUKSI (LATVIA)—ANTIQUITIES

- Shore, E., and Zeld, T., eds. [Nuksi burial ground] Nukshinskii mogil'nik. Riga, Izd-vo Akad. nauk Latviskol SSR, 1957. 145 p. illus. (NXC)

NUMBERS, COMPLEX

- Equivalence of positive and negative numbers. A. V. Shubnikov. *Vop. filos.* 20 no. 6:55-58 '66.

NUMERICAL WEATHER FORECASTING

- Method of determining the height of the cloud base from data of numerical weather forecasts. B. G. Vager, S. S. Zil'binkevich. *Trudy GGO* no. 187:3-12 '66.
- Present state of numerical methods of weather forecasting. G. I. Marchuk. *Meteor. i gidrol.* no. 6:12-20 Je '66.

NUMERICAL WEATHER FORECASTING—CONGRESSES

- International training seminar of the WMO on numerical methods of short-range weather forecasting. V. V. Bykov. *Meteor. i gidrol.* no. 6:48-52 Je '66.

NYASALAND see Malawi

NYLON

- Investigating antifriction properties of a composition based on capron. D. S. Mahmudov, A. Pulatov. *Trudy Tadzh. sel'khoz. inst.* 7:58-70 '65.

NYSTATIN

- Accelerated method of determining the stability of nystatin. A. D. Kuzovkov and others. *Antibiotiki* 11 no. 3:422-423 My '66.

OAK see subdivision under Voronezh Province

OAK—DISEASES AND PESTS

- Studying the effect of damage by the brown-tail moth and the gypsy moth to the increment of oaks. L. V. Linchenkov. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 2:45-47 '66.

OASES see subdivision under Arabia

OB' VALLEY—GEOLOGY

- Grebenuk, V. V., and others. [Geology and the oil and gas potentials of the Ob'-Irtysh interfluvial] *Geologiya i neftegazonosnost' Ob'-Irtyshskogo mezhdurech'ia*. [Tomsk] Izd-vo Tomskogo univ., 1965. 194 p. (Materialy po geologii Zapadno-Sibirskoi nizmennosti, no. 4)

OBURCHEV, VLADIMIR VLADIMIROVICH, 1868 ?-1925

- Vladimir Vladimirovich Oburchev; obituary. V. A. Bolarkina and others. *Izv. AN SSSR, Ser. geog.* no. 3:154-155 My-Je '66.

OCEAN CURRENTS

- Computation of steady currents in seas and oceans. E. N. Mikhailova, A. I. Fel'zenbaum, N. B. Shapiro. *Dokl. AN SSSR* 168 no. 4:788-791 Je '66.
- Effect of nonperiodic currents on the change in water temperature. K. I. Smirnova. *Trudy TSIP* no. 156:30-46 '66.
- Sarkislan, A. S. [Fundamentals of the theory and calculation of ocean currents] *Osnovy teorii i raschet okeanicheskikh techenii*. Leningrad, Gidrometeoizdat, 1966. 121 p.

OCEAN TEMPERATURE

- (see also subdivision under Antarctic regions; Barents Sea)

- Calculation of the surface temperature of the sea in the warm part of the year. O. I. Sheremetevskaya. *Trudy TSIP* no. 156:76-82 '66.
- Change in the thermal structure of the upper layer of the sea in the warm part of the year. V. S. Krasuk. *Trudy TSIP* no. 156:54-65 '66.
- Effect of nonperiodic currents on the change in water temperature. K. I. Smirnova. *Trudy TSIP* no. 156:30-46 '66.

OCEAN WAVES

- (see also subdivision under Atlantic Ocean)

- Calculating the deformation of the spectrum of sea waves in shallow water. G. G. Kuz'minskaya. *Trudy SoluzMorNIIProekt* no. 8:72-87 '65.
- Determining the coefficients of friction and energy dissipation of liquid wave motion from data on full-scale measurements of wind waves in the ocean. I. V. Solov'ev. *Izv. AN SSSR, Fiz. atm. i okean* 2 no. 5:548-547 My '66.
- Evaluating the accuracy of the calculation of the wave height taking into consideration various numbers of spectral components. S. S. Strelakova, E. I. Gornicheva. *Trudy SoluzMorNIIProekt* no. 8:100-103 '65.
- Method for approximate determination of a two-dimensional energy spectrum of wind waves in the coastal zone from the data of three wave recorders. V. F. Tsyplyukhin. *Trudy SoluzMorNIIProekt* no. 8:56-71 '64.
- Method of calculating the height of waves on a deep sea taking into consideration the shortflats. M. M. Kraylov. *Trudy SoluzMorNIIProekt* no. 8:5-32 '65.
- Observation of a sound signal in the ocean in the presence of internal waves. S. D. Chuprov. *Izv. AN SSSR, Fiz. atm. i okean* 2 no. 5:551-552 My '66.
- Self-contained wave recorder with programmed action. I. V. Sheikin, O. B. Zaitseva. *Trudy SoluzMorNIIProekt* no. 8:129-134 '65.
- Some results of laboratory studies of the load of obliquely approaching waves on breakwaters. Z. A. Gorashchenko. *Trudy SoluzMorNIIProekt* no. 8:116-119 '65.
- Studying the dying away of waves under the influence of the breakwaters of the port taking into consideration the wave spectrum. G. G. Kuz'minskaya. *Trudy SoluzMorNIIProekt* no. 8:87-100 '65.
- Studying the pressure of progressive waves on a vertical wall. A. I. Kuznetsov, Z. A. Gorashchenko. *Trudy SoluzMorNIIProekt* no. 8:107-110 '65.
- Studying the wave-damping effect of a permeable breakwater with the consideration of the wave spectrum. K. M. Pospelova. *Trudy SoluzMorNIIProekt* no. 8:103-107 '65.
- Theory of the interaction of obliquely approaching waves with a vertical wall. V. B. Drozdov. *Trudy SoluzMorNIIProekt* no. 8:110-129 '65.
- Transformation of the energy spectrum of wind waves in the coastal zone. I. U. M. Kraylov, S. S. Strelakova, V. F. Tsyplyukhin. *Trudy SoluzMorNIIProekt* no. 8:32-58 '65.

OCEANIA—DISCOVERY AND EXPLORATION

- Svet, I. A. M. [History of the discovery and exploration of Australia and Oceania] *Istorika otkrytiia i issledovaniia Avstralii i Okeanii*. Moskva, Mysl', 1966. 309 p. (Otkrytie Zemli)

OCEANOGRAPHIC INSTRUMENTS

Self-contained wave recorder with programmed action, I. V. Sheikin, O. B. Zaitseva. *Trudy SoluzMorNIIProekt* no. 8:129-134 '65.

OCEANOGRAPHIC RESEARCH

Development of submarine explorations; plenum of the section of the Oceanographic Commission, O. B. Moldevskii, *Vest. AN SSSR* 36 no. 5:88-89 Je '66.

Penetrators of the ocean depths, A. Chernov, *Neftianik* 10 no. 7:20-21, 38 Ji '65.

OCEANOGRAPHIC RESEARCH—CONGRESSES

Meeting of underwater explorers, O. B. Moldevskii, *Priroda* 55 no. 6:113-114 '66.

OCEANOGRAPHIC RESEARCH STATIONS see subdivision under La Jolla region

OCTADECATRIENIC ACID

Higher acids of the aliphatic series. Part 17: Synthesis of 2, 6, 8-decatrilen-1, 10-diol and 9, 11, 13-octadecatrienoic acid, A. A. Kraevskii and others. *Zhur. org. khim.* 2 no. 3:627-628 Ap '66.

OCTYLAMINE

Calculation of aggregation constants of tri-n-octylamine bisulfate in benzene based on cryoscopic analysis data, A. M. Chekmarev, A. M. Rozen, G. A. Iagodin. *Zhur. fiz. khim.* 40 no. 5:1005-1008 My '66.

Extraction of aranyl salts by tri-n-octylamine oxide, V. G. Torgov and others. *Dokl. AN SSSR* 160 no. 4: 836-839 Je '66.

ODER-NEISSE AREA

How we regard Bonn, Marian Podkowinski, *Nov. vrem.* 24 no. 32:9-11 Ag '66.

ODESSA—EDUCATIONAL ASSOCIATIONS

The Odessa Educational Society, F. G. Ildin. *Nar. obr.* no. 9:94-96 Je '66.

ODESSA—FINANCE

We are preparing to transfer to the new conditions, V. Ulianov, *Fin. SSSR* 40 no. 5:48-50 My '66.

ODESSA PROVINCE—BUILDING—QUALITY CONTROL

Permanent committee on quality, O. Serhichuk. *SHI. bud.* 14 no. 11:20-21 N '64.

ODESSA PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Archaeological field studies of 1964 in the lower Danube Valley, M. M. Shmahili, I. T. Cherniakov. *Arheologia* 19:215-221 '65.

ODESSA PROVINCE—INDUSTRIES

The Odessa Province industry and main trends of its development, I. G. Malofeev. *Ekon. geog.* no. 2:102-107 '64.

ODESSA PROVINCE—SCULPTURE, ANCIENT

The reliefs of horses from Tyras, A. I. Furmans'ka, *Arheologia* 19:156-164 '65.

ODONATA

Some problems concerning the conditions governing the existence of the larval stages of *Sympetrum flavescens* L. (Odonata, Insecta) in desiccated intermittent bodies of water, B. F. Belyshev. *Uch. zap. Bur. gos. ped. inst.* no. 24:57-61 '61.

ODOROUS SUBSTANCES

Odorous substances from alkylphenols. Part 11: Alkylation of phenol and cresols by 2-methyl-1-pentene, A. S. Podberezhina, L. A. Khelfits. *Zhur. org. khim.* 2 no. 4:602-606 Ap '66.

ODEMERIDAE

Conifer beetle *Calophasia serraticornis* as a destroyer of spruce wood, M. A. Lur'e. *Sbor. rab. MLIT* no. 11:83-87 '64.

OFFENSES AGAINST SOCIALIST PROPERTY see subdivision under Kirovograd Province

OIL FIELD BRINES see subdivision under Pripot Valley

OIL FIELD FLOODING

(see also subdivision under Arlan Oil Field; Bashkiria; Bagurskian Oil Field; Romashkino Oil Field)

Determining optimum conditions of the performance of injection wells, their repair periods, and their preparation for water injection, M. G. Danilov, R. A. Balakirov, R. P. Kuliev. *Azerb. neft. khoz.* 45 no. 5: 31-32 My '66.

Noprimorov, N. N., and A. G. Sharagin. [Characteristics of center-to-edge flooding of oil layers] *Osobennosti vnutrikturnoi vyrabotki neftnykh plastov. [Kazan'] Izd-vo Kazanskogo univ.*, 1961. 212 p. (RPP)

OIL FIELDS

(see also subdivision under Azerbaijan)

Alekhin, S. A., and K. A. Ostrovskaya. [Automatic and remote control in oil fields] *Avtomatizatsia i telemechanizatsia promyshl.* Moskva, Nedra, 1966. 78 p.

OIL FILTERS—CLEANING

Machines for washing oil filters, V. Stepanov, P. Vlasov. *Tekhn. volkhoz.* 25 no. 3:76-77 Mr '65.

OIL POLLUTION OF RIVERS, HARBORS, ETC.

Purifying unit for every vessel, B. Dobrov. *Rech. transp.* 22 no. 8:52 Ag '64.

OIL RESERVOIR ENGINEERING

(see also subdivision under Siberia, Western)

Axisymmetrical fluid flow in two layers separated by a slightly permeable parting, L. I. Drugina. *Trudy MINKHIGP* no. 57:56-63 '66.

A case of interference of wells, I. G. Akhmetov. *Trudy MINKHIGP* no. 57:120-127 '66.

Certainly accurate solutions of the problems of the determination of pressure fields in a nonuniform petroleum layer, G. V. Golubov. *Izv. vys. ucheb. zav.; neft' i gaz.* 9 no. 2:86-87 '66.

Certain problems of the theory of flow in symmetrically fractured reservoirs, L. G. Nakaznala. *Trudy MINKHIGP* no. 57:33-37 '66.

Design equations for linear-parallel flows in elastic drive, I. G. Gorokhova. *Trudy MINKHIGP* no. 57: 24 '66.

Determination of the pressure field in multilayer systems in elastic drive, O. N. Kharin, V. E. Vilushin. *Trudy MINKHIGP* no. 57:84-92 '66.

Displacement of gas-water contact in a nonuniform layer, M. V. Filinov. *Trudy MINKHIGP* no. 57:106-110 '66.

Effect of surface active substances on the displacement of water by gas, M. P. Karimov, A. E. Evgen'ev. *Trudy MINKHIGP* no. 57:111-115 '66.

Interpretation of pressure built-up curves, M. M. Gilegovskii. *Trudy MINKHIGP* no. 57:131-145 '66.

Investigation of deep pumping wells by gas injection, M. M. Gilegovskii, V. G. Krynskii. *Trudy MINKHIGP* no. 57:149-154 '66.

Investigation of oil wells based on samples taken in steady flow, V. I. Sheburov, I. G. Akhmetov. *Trudy MINKHIGP* no. 57:128-133 '66.

Nonsteady fluid flow in a nonuniform layer, M. V. Filinov. *Trudy MINKHIGP* no. 57:102-105 '66.

Nonsteady fluid flow toward a straight-line gallery with a constant rate of production in an infinite reservoir, M. B. Dobkina. *Trudy MINKHIGP* no. 57:52-55 '66.

Simplifying the calculation of the pressure field in multilayer systems, O. N. Kharin, V. E. Vilushin. *Trudy MINKHIGP* no. 57:93-104 '66.

Solving problems of nonsteady fluid flow in a layer having a slightly permeable roof in initial steady flows, M. B. Dobkina. *Trudy MINKHIGP* no. 57: 44-51 '66.

Solving problems of steady fluid flow in multilayer systems by the continuous distribution of pattern discharges, O. N. Kharin, V. E. Vilushin. *Trudy MINKHIGP* no. 57:75-83 '66.

Steady flow of a homogeneous fluid in symmetrically fractured reservoirs, I. G. Nakaznala. *Trudy MINKHIGP* no. 57:38-43 '66.

Two-dimensional and parallel flow in two layers separated by a nonuniform and permeable parting, L. I. Drugina. *Trudy MINKHIGP* no. 57:64-70 '66.

Using an approximate method for solving problems of nonsteady petroleum flow, G. A. Khalikov. *Trudy MINKHIGP* no. 57:71-74 '66.

OIL SANDS—PERMEABILITY see subdivision under Kuban-Azov Lowland

OIL SHALES see subdivision under Estonia; Gdov region (Pskov Province)

OIL WELL CASING

(see also subdivision under Krasnodar Territory)

Calculating casings weakened by apertures under unevenly distributed loads, T. E. Eremenko, L. I. Piskozub. *Izv. vys. ucheb. zav.; neft' i gaz.* 9 no. 2: 28-26 '66.

Temperature deformations of a casing, R. I. Medvedskii, G. K. Mamedov. *Za tekhn. prog.* 4 no. 11:29-32 N '64.

OIL WELL CEMENTING

Clay-petroleum emulsions as mixtures for temporary plugging of columns, Z. M. Shakhmurov, A. I. Kutepov. *Neft. khoz.* 44 no. 5:63-65 My '66.

Using two-section separating and self-packing plugs in cementing liners, G. N. Protusov and others. *Burenio* no. 5:18-19 '66.

OIL WELL DRILLING

(see also subdivision under Bashkiria; Siberia, Western; Ukraine; Volgograd Province)

Analytical dependence of drilling rate on the specific gravity of drilling muds, P. A. Lykhin and others. *Burenio* no. 5:12-13 '66.

Characteristics of the change in the trajectory of a slant well, D. M. Makhmudov, A. I. Garaev. *Azerb. neft. khoz.* 45 no. 5:16-18 My '66.

Determining the hydrodynamic pressure of flushing fluids during the running of tools into a well, Z. G. Kerimov, N. A. Balakishiev. *Izv. vys. ucheb. zav.; neft' i gaz.* 9 no. 2:35-40 '66.

Effect of temperature on the disintegration of rocks in rotary drilling, I. P. Melnikuk. *Izv. vys. ucheb. zav.; neft' i gaz.* 9 no. 2:11-13 '66.

Energy balance and efficiency of the process of rock disintegration in drilling, K. I. Vdovin. *Izv. vys. ucheb. zav.; neft' i gaz.* 9 no. 2:31-34 '66.

Experimental determination of the contact time of cone pins with the rock being drilled, L. I. Baron, L. B. Giatman, R. G. Konfashin. *Neft. khoz.* 44 no. 5:12-16 My '66.

New plan indices of oil and gas well drilling and their test verification, V. I. Troitskii, S. G. Plotel', E. K. Selikhova. *Ekon. neftedob. prom.* no. 1:23-26 '66.

Selection of a criterion for the optimization of drilling regimes, G. D. Kalustov, V. I. Egorov. *Ekon. neftedob. prom.* no. 2:11-13 '66.

Usachev, N. S., I. D. Davydov, and A. P. Solonin.

[Failure control practices during oil well drilling] *Praktika borby s oslozheniami pri burenii skvazhin. Moskva, Nedra, 1966. 79 p.*

Using blasting for eliminating the freezing of pipes in wells, E. A. Levin, S. A. Lovtva. *Neft. khoz.* 44 no. 5: 18-22 My '66.

Ways of improving planning for the drilling cycle index, B. M. Lerner, V. I. Egorov. *Ekon. neftedob. prom.* no. 2:18-22 '66.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Automatic control system for running drill tools into a well with a self-changing program, N. A. Balakishiev. *Azerb. neft. khoz.* 45 no. 5:13-15 My '66.

Investigating the performance of the bottom of a drill column with a universal stabilizer, A. A. Rzaev. *Azerb. neft. khoz.* 45 no. 5:18-21 My '66.

OIL WELL DRILLING—SAFETY MEASURES

Gazarlan, G. S. [Problems of labor safety organization in round-trip operations in oil and gas well drilling] *Voprosy bezopasnoi organizatsii truda pri spuzhepod'emnykh operatsiyakh v burenii neftnykh i gazovykh skvazhin. Moskva, Nedra, 1965. 38 p.*

OIL WELL DRILLING, ELECTRIC—EQUIPMENT AND SUPPLIES

Possibility of measuring the rotational speed of collector-type machines without special transducers, V. A. Lomakin. *Izv. vys. ucheb. zav.; neft' i gaz.* 9 no. 2:98-100 '66.

OIL WELL DRILLING RIGS

External load characteristics of drilling rigs, K. I. Arkhipov. *Izv. vys. ucheb. zav.; neft' i gaz.* 9 no. 2: 101-103 '66.

OIL WELL PUMPS

Determining the economic efficiency of electric sinking pumps, I. G. Grotengelm. *Ekon. neftedob. prom.* no. 2:29-32 '66.

Investigating the effect of the quality of finish on the slide surface of impeller disks of a centrifugal pump on its performance characteristics, K. A. Isatulov, I. S. Tsybul'skii. *Izv. vys. ucheb. zav.; neft' i gaz.* 9 no. 2: 94-97 '66.

Kiselev, A. A. [Protecting devices for slush pump manometers] *Predokhraniteli k manometram burovnykh nasosov. Moskva, Nedra, 1965. 16 p.*

Theoretical pressure of centrifugal pumps operating on a gas-liquid mixture, I. T. Mishchenko. *Trudy MINKHIGP* no. 57:167-172 '66.

OIL WELL SHOOTING

Closed cycle for the sand jet method; from the work experience of the Stavropol Gas Field Administration. *Neftianik* 10 no. 7:27 Ji '65.

OIL WELLS

Method for calculating the stability of well shafts drilled in rock, L. V. Makarov. *Burenio* no. 5:26-28 '66.

Portable apparatus for dyne wells, N. I. Akhiev, R. S. Neft. khoz. 44 no. 5:69-

OIL WELLS—AIR-GAS LI

P. A. Lykhin

O

OIL WELLS—MODELS

Accuracy in modelling oil wells using electrically conductive paper, I. G. Akhmetov. *Trudy MINKHIGP* no. 57:117-119 '66.

OIL WELLS—TESTING

(see also subdivision under Stavropol Territory)

Well testing through the drilling pipes using an anti-ejection device, I. A. Khmibul'in. *Neftianik* 10 no. 7: 25 Ji '65.

OILS AND FATS—ANALYSIS

Characteristics of fat composition of the Caspian seal. A. A. Magomayev. Ryb. khoz. 42 no. 5:62-63 '66.
Device for controlling iron content in oil. E. Dranitsyn. Avi. transp. 44 no. 5:26-27 My '66.

OILSEED INDUSTRY—BY-PRODUCTS

Effect of feed phosphatides on the growth and development of cockerels during fattening. L. S. Cheresheva. Sbor. nauch. rab. stud. Sar. zootekh. -vet. inst. 3:71-77 '65.
Effect of phosphatides on the growth, development, and the beginning and intensity of egg production in young hens. E. A. Gorcheneva. Sbor. nauch. rab. stud. Sar. zootekh. -vet. inst. 3:64-70 '65.

OKA VALLEY—ATMOSPHERIC TEMPERATURE

Characteristics of the distribution of air temperature in the floodplain. P. I. Peskov. Trudy GGO no. 190: 108-120 '66.

OKA VALLEY—CROPS AND CLIMATE

Phytoclimatic conditions in bottomland fields. P. I. Peskov. Trudy GGO no. 190:101-107 '66.

OKHOTSK, SEA OF—ICE

Forecast and calculation of ice characteristics in the Sea of Okhotsk. S. I. Kan. Trudy TSIP no. 156:105-120 '66.

OKTYABRSKIY (BASHKIRIA)—BATHS, MEDICATED

Results of the treatment of patients with psoriasis in the hydrogen sulfide hospital of Otktyabrskiy (Bashkiria). A. S. R. J. V. V. Zdanovich, G. G. Gabdullina. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:177-178 Mr-Apr '66.

OKUDZHA, BULAT SHALVOVICH, 1924-

B. Sh. Okudzhava. I. N. Bushman. Soob. Inst. po izuch. SSSR no. 4:91-93 '65.

OLBIA (BORYSTHENES)

Problem of the establishment of the Olbian state. V. L. Zuts. Arkheologia 19:36-46 '65.

OLBIA (BORYSTHENES)—ARCHITECTURE, ANCIENT

Some architectural details from the excavation of the western part of the Olbian agora in 1962-1963. S. D. Kryzhytskiy. Arkheologia 19:165-176 '65.

OLBIA (BORYSTHENES)—STONE

Preliminary results of the petrographic study of stone from the buildings of Olbia. V. F. Petruni. Arkheologia 19:138-157 '65.

OLD AGE PENSIONS

Answering our readers' questions. Sov. iust. 30 no. 13: 30 Ji '66.

Legal advice. Rad. pravo 29 no. 6:106 Je '66.

OLEFINS

Qualification of low-octane gasoline fractions into olefin containing gas. A. R. Zhomov, N. I. Khodjakov, R. F. Iankina. Izv. vyz. ucheb. zav. i netf. i gaz. 9 no. 2: 56-59 '66.

Interaction of some arylolefins with formaldehyde in the presence of KU-2. V. I. Isagulants, M. G. Safarov. Zhur. prikl. khim. 39 no. 5:1148-1154 My '66.

Konkin, A. A., and M. P. Zverev. [Polyolefin fibers] Poliolefinovye volokna. Moskva, Khimika, 1966. 278 p.

"Peroxide" effect in the reaction of bisulfite addition to high-molecular olefins. B. N. Titunskov and others. Izv. vyz. ucheb. zav. i netf. i gaz. 9 no. 3:78-81 '66.

Preparation of dienes by dehydration of the products of liquid-phase oxidation of olefins. M. R. Musnev and others. Neftekhimika 6 no. 2:237-251 Mr-Apr '66.

Preparation of epoxy compounds by oxidation of decenes and hexenes of monoperphthalic acid. A. M. Poliakova and others. Izv. AN SSSR. Ser. khim. no. 6:1039-1039 '66.

Reactions in anhydrous hydrogen fluoride. Condensation of formaldehyde with haloolefins in HF. L. S. German, I. L. Kunitsants, Zhur. V KHO 11 no. 3:354-355 '66.

Reactions in anhydrous hydrogen fluoride. Report No. 1; Conjugated halogenation of olefins. I. L. Kunitsants, L. S. German. Izv. AN SSSR. Ser. khim. no. 6:1065-1069 '66.

Structure of π -complexes formed by ions of d-family elements and olefins. Part I. V. A. Tulupov, D. N. Shigorin, N. V. Veroin. Zhur. fiz. khim. 40 no. 5: 1020-1025 My '66.

Synthesis of alkenyl-substituted xylene isomers. I. U. G. Mamedaliev and others. Azerb. khim. zhur. no. 2:10-22 '64.

OLEIC ACID

Some features of the interaction between sodium fluoride and oleic acid in the flotation separation of titanium and zirconium minerals. I. N. Plaksin, R. Sh. Shafeyev, V. A. Chanturia. Dokl. AN SSSR 168 no. 4:864-866 Je '66.

OLERON, FRANCE—WORLD WAR, 1939-1945

Andreev, V. L. [The heroes of Oleron] Gerol Olerona. Minsk, Belarus', 1965. 103 p.

(MH)

OLETHREUTIDAE

New Palaearctic species of leaf rollers from the subfamily Olethreutinae (Lepidoptera, Tortricidae). M. I. Fal'kovich. Trudy Zool. inst. 37:208-227 '66.

OLFACTORY NERVE

Participation of the olfactory analyzer in the regulation of respiration. Report No. 1. Significance of the functioning of the olfactory analyzer in the regulation of respiration following exclusion of visual and auditory receptors. A. V. Pogrebkova. Trudy Inst. fiziol. 11:265-270 '65.

Participation of the olfactory analyzer in the regulation of respiration. Report No. 2. Respiratory reactions in dogs following exclusion of olfactory reception. A. V. Pogrebkova. Trudy Inst. fiziol. 11:271-275 '65.

OLIGOCHAETA see subdivision under Rybinsk Reservoir

OMENTUM—DISEASES

Torsion of the greater omentum. S. M. Buschidze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 6:391-394 '59.

OMSK—LONGSHOREMEN

Improve the work organization in ports. N. Surikov. Revch. transp. 23 no. 4:15-16 Ap '64.

OMSK PROVINCE—ENGINEERING GEOLOGY

Practice in the application of nuclear methods in studying the alteration of the physical properties of clay rocks in a weathering zone. V. I. Osipov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:102-106 My-Je '66.

OMSK PROVINCE—WEATHERING

Practice in the application of nuclear methods in studying the alteration of the physical properties of clay rocks in a weathering zone. V. I. Osipov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:102-106 My-Je '66.

ONCOLOGY

(see also subdivision under Hungary; Italy)

A lecture tour in Italy. L. Shabat. Nov. vrem. 24 no. 33:18-20 Ag '66.

ONCOLOGY—ABSTRACTS

[General problems of pathology. Oncology] Ref. zhur.: Ob. vop. pat. Onk. Avtorskii ukazatel' za 1965.

ONON VALLEY—PINE

Pearl of southern Transbaikalia. V. A. Frish. Priroda 55 no. 6:74-80 '66.

ONOSMA see subdivision under Ural Mountains

ONTOGENY

[Main problems of age-related physiology and biochemistry; transactions of the All-Union Symposium, Kharkov, 1963] Vvedeniye k problemam vozrastnoi fiziologii i biokhimii; Trudy Vsesoyuznogo simpoziuma, Kharkov, 1963. Pod red. V. N. Nildina. Moskva, Meditsina, 1966. 380 p.
Some regularities of the ontogenesis and their relations to the problem of protecting the prenatal period of life. P. G. Svetlov. Vest. AMN SSSR 21 no. 6:26-34 '66.

OPALS

Study of the characteristics of pore structure in rocks containing opal. V. A. Zabelin. Dokl. AN SSSR 168 no. 4:885-888 Je '66.

OPEN-AIR TREATMENT

(see also subdivision under Crimea)

Changes of some functional indices in patients with osteoarthral tuberculosis under the effect of diurnal stay in the open air. I. G. Shemetko, T. A. Polikarpova. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:112-116 Mr-Apr '66.

Dosage of climatic procedures concerning the cold load (physical basis and physiological substantiation). Report No. 2: Principles of dosing air baths and the methodology of their use. V. G. Boksha, G. D. Latyshev. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:87-102 Mr-Apr '66.

OPEN-HEARTH FURNACES

Pradseworthy initiative of the collective of the No. 6 open-hearth furnace at the Il'ich Metallurgical Plant at Zhdanov. Met. i gornorud. prom. no. 3:89 My-Je '66.

Testing a new refractory in the roof of high-capacity open-hearth furnaces. A. I. Ludyanskiy and others. Met. i gornorud. prom. no. 3:55-57 My-Je '66.

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

Determining the input of work for the repair of the equipment of open-hearth furnace plants using the methods of mathematical statistics. I. G. Vendrov, I. B. Boguslavskii, V. A. Lobachev. Met. i gornorud. prom. no. 3:81-85 My-Je '66.

OPEN-HEARTH FURNACES—MODELS

Modeling the movement of a nonisothermal flow as applicable to a three-channel port in an open-hearth furnace. A. I. Shatukhov, M. A. Magidson. Izv. vyz. ucheb. zav. i chern. met. 9 no. 6:170-175 '66.

OPEN-HEARTH PROCESS

Bigeov, A. M. [Calculation of open-hearth smelting; technological part] Raschety martenovskikh aplyavok; tekhnologicheskaya chast'. [Moskva] Metallurgiya, 1966. 387 p.

Burning out of carbon from steel drops and the effect of this factor on slag foaming. H. P. Nikitina and others. Izv. vyz. ucheb. zav. i chern. met. 9 no. 6: 67-71 '66.

Intensity of the bath of an open-hearth furnace bath, depending on surface conditions of the hearth bottom following the complete melting of the charge. A. M. Shrebova. Izv. vyz. ucheb. zav. i chern. met. 9 no. 6:72-74 '66.

Temperature conditions of the bath of an open-hearth furnace and their effect on the desulfurization and dephosphorization processes during the finishing period. V. S. Kocha and others. Met. i gornorud. prom. no. 3:20-22 My-Je '66.

OPEN-HEARTH PROCESS—EQUIPMENT AND SUPPLIES

Technology of sintering and the quality of open-hearth sinter obtained through heat treatment. A. V. Rostomberskiy and others. Met. i gornorud. prom. no. 3:9-13 My-Je '66.

OPEN-HEARTH PROCESS—LABOR PRODUCTIVITY

Potentialities for reducing labor expenditure in metallurgical plants. A. Zabolotnyy. Sots. trud 11 no. 6:139-140 Je '66.

OPERATIONS RESEARCH

Heuristic approach to the solution of dynamic problems in the distribution of resources. V. N. Burkov, S. E. Lovetskii. Avtom. i telemek. no. 5:93-98 '66.

Problems of the optimization of multiproduct operations in network planning and control taking into account several resources. D. I. Golenko, N. A. Levin. Kibernetika no. 1:79-82 Ja-F '66.

OPERATORS (MATHEMATICS)

Hera-Openheimer method applied to normal molecules. A. A. Kiselev. Vest. LGU 21 no. 10:152 '66.

A case of the existence of invariant subspaces of quasi-unitary operators in a space with an indefinite metric. O. V. Kuznetsov. Dop. AN URSR no. 5:583-585 '66.

Class of equations of evolution. I. A. B. Lopatyuk. Dop. AN URSR no. 6:711-714 '66.

Composition of operators in finite-dimensional spaces with an indefinite metric. H. I. Shust'ina. Sots. mat. zhur. 7 no. 3:699-707 My-Je '66.

Exchange interaction in rare-earth metals and alloys. S. V. Voznauskii, H. P. Irkhin, M. S. Svirskii. Izv. AN SSSR. Ser. fiz. 30 no. 6:906-914 Je '66.

Livshits, M. S. [Operators, oscillations, waves; open systems] Operatory, kolebaniya, volny; otkrytye sistemy. Moskva, Nauka, 1966. 200 p.

OPHTHALMOSCOPE

Shul'pina, N. D. [Illuminant lamp and its use] Shchelevala lampy i ee primeneniye. Moskva, Tsentr. in-t usovershenstvovaniya vrachov, 1966. 30 p.

(DNLM)

OPHTHALMOSCOPY

Shul'pina, N. D. [Microgonioscopy] Mikrogonioskopia. Moskva, Tsentr. in-t usovershenstvovaniya vrachov, 1966. 26 p.

(DNLM)

OPTIC NERVE

Restoration cycles of evoked potentials at different levels of the visual cortex in rabbits. A. I. Supin. Zhur. vyz. nerv. defekt. 16 no. 3:400-405 My-Je '66.

OPTIC NERVE—DISEASES

Edema of the papilla of the optic nerve caused by ECHO and Coxsackie virus diseases. M. G. Gogunis. Zhur. eksp. i klin. med. 6 no. 2:100-111 '66.

OPTICAL INSTRUMENTS

Use of the method of rays in calculating the natural frequencies of multimirror resonators. V. S. Buldyrev, M. M. Popov. Opt. i spektr. 20 no. 5:905-908 My '66.

OPTICS

Korolev, F. A. [Theoretical optics] Teoreticheskaya optika. Moskva, Vysshaya shkola, 1966. 554 p.

OPTICS, GEOMETRICAL

Calculation of a system of two lenses not glued together and having a single reflecting surface. D. V. Gavrilov. Opt. i spektr. 20 no. 5:881-889 My '66.

ORE DEPOSITS

(see also subdivision under Holozernka region, Ukraine; Bulgaria; Georgia; Krasnoye Lake, Leningrad Province; Tajikistan; Ural Mountains)

Akademiya nauk URSR, Kiev. Institut geologicheskikh nauk. [Problems of theory and experiment in ore formation] Problemy teorii i eksperimenta v rudobrazovanii. Kiev, Naukova dumka, 1966. 217 p.

Mathematical analysis of the characteristics of the formation of vein-type hydrothermal ore bodies. I. A. Bielevisov, H. P. Melnyk, A. M. Samoilenko. Geol. zhur. 26 no. 3:3-12 '66.
Some characteristics of complex ore deposits in effusive-sedimentary formations. F. I. Zhukov. Geol. zhur. 26 no. 3:80-84 '66.

ORTHODOX EASTERN CHURCH

(see also subdivision under Czechoslovakia; Rumania; Vienna)

Decisions of the Holy Synod. Zhur. Mosk. Patr. no. 5: 4 '66.

Easter message from His Holiness Patriarch Aleksii to prelates, priests, and all the faithful of the Russian Orthodox Church. Zhur. Mosk. Patr. no. 4:1-2 '66.

Grabbe, Georgii. [Collected works] Sobranie sochinenii. New York.

Vol. 1. 1964. 1 v. (NN)

Message from His Holiness Patriarch Aleksii to archpriests, priests, and all the Orthodox flock of East Ukrainian dioceses: the Lvov and Ivano-Franka dioceses. Zhur. Mosk. Patr. no. 5:1-2 '66.

News from the dioceses. Zhur. Mosk. Patr. no. 4:10-20 '66.

Passion Week and Easter in Moscow. V. Smirnov. Zhur. Mosk. Patr. no. 5:19-21 '66.

Services of His Holiness Patriarch Aleksii. Zhur. Mosk. Patr. no. 4:8 '66.

Services of His Holiness Patriarch Aleksii. Zhur. Mosk. Patr. no. 5:7-8 '66.

Week of the Orthodoxy at the Patriarchal Cathedral. V. Ovsinnikov. Zhur. Mosk. Patr. no. 4:9-11 '66.

ORTHODOX EASTERN CHURCH—CLERGY

(see also subdivision under Japan)

In memory of the Archpriest K.V. Popov. Bishop Dosifei. Zhur. Mosk. Patr. no. 4:18-19 '66.

Obituaries. Zhur. Mosk. Patr. no. 4:21-22 '66.

ORTHODOX EASTERN CHURCH—RELATIONS

Answers of His Holiness Patriarch Aleksii to the questions of K.-M. Garrubba, correspondent of the Italian publishing house "Editori riuniti." Zhur. Mosk. Patr. no. 4:4-6 '66.

Brief news. Zhur. Mosk. Patr. no. 5:5 '66.

Decisions of the Holy Synod. Zhur. Mosk. Patr. no. 4: 4 '66.

Easter greetings from His Holiness Patriarch Aleksii to the heads of autocephalous Orthodox Churches and the heads of Christian Churches. Zhur. Mosk. Patr. no. 4:2-3 '66.

Exchange of telegrams between Pope Paul VI and Patriarch Aleksii. Zhur. Mosk. Patr. no. 4:6 '66.

Press conference of Melchior, Metropolitan of Heliopolis. Zhur. Mosk. Patr. no. 5:17-19 '66.

Sojourn of a delegation of the Church of Constantinople in Moscow. Bishop Filaret. Zhur. Mosk. Patr. no. 5: 12-17 '66.

Telegrams from His Holiness Patriarch Aleksii to His Holiness Athenagoras, Patriarch of Constantinople, and His Beatitude Benedictos I, Patriarch of Jerusalem. Zhur. Mosk. Patr. no. 4:7 '66.

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

OSCILLATIONS

Livshits, M.S. [Operators, oscillations, waves; open systems] Operatory, kolebaniya, volny; otkrytye sistemy. Moskva, Nauka, 1966. 200 p.

OSCILLATORS, CRYSTAL

Behavior of resonance curves of a nonisochronous oscillator. I. M. Dorfman. Izv. AN Uz. SSR. Ser. tekhn. nauk 10 no. 3:33-38 '66.

OSCILLATORS, ELECTRIC

Doppler effect on surface waves. L. G. Naryshkina. Radiotekh. i elektron. 11 no. 7:1189-1195 Ji '66.

Excitation of oscillations in a stage using a regulated keying element. B. A. Reikin. Radiotekh. i elektron. 11 no. 7:1305-1308 Ji '66.

OSCILLATORS, ELECTRON-TUBE

Case of an external action on a self-oscillator. L. N. Grigor'ev. Radiotekh. i elektron. 11 no. 7:1308-1311 Ji '66.

OSCILLATORS, ELECTRON-TUBE—OSCILLATIONS

Approximate investigation of steady oscillations in tube oscillators. I. T. Khachatryan. Izv. AN Arm. SSR. Ser. tekhn. nauk 19 no. 2:62-64 '66.

OSCILLATORS, TRANSISTOR

Shaping of a pulse front using a tunnel diode oscillator with series start through an inductance. L. S. Bartenev. Radiotekhnika 21 no. 5:47-52 Ji '66.

Use of the isocline method in the analysis of transient processes in a nonautonomous generator. V. N. Medvedev. Radiotekhnika 21 no. 5:72-74 My '66.

OSCILLOGRAPHY

Method for decoding oscillograms in the ultrasonic control of turbine blades and compressors. B. I. Vybornov. Zav. lab. 32 no. 5:560-564 '66.

Oscillographic measurement of concentration polarization from the inclusion curves. G. K. Stepanov, V. A. Gaag. Trudy Inst. elektrokhim. UFAN SSSR no. 7:111-114 '65.

Oscillographic method of observation of the motion of domain boundaries in melts with rectangular hysteresis loop. V. I. Solodikhin, IU. V. Belous. Zav. lab. 32 no. 5:571-572 '66.

Reactions of patients with pneumosclerosis to sea baths according to oscillographic data. I. L. Afonskaia. Vop. kur., fizioter. i tech. fiz. kul't. 31 no. 2:128-132 Mr.-Ap '66.

OSETR VALLEY—ATMOSPHERIC TEMPERATURE

Characteristics of the distribution of air temperature in the floodplain. P. I. Peskov. Trudy GGO no. 100: 108-120 '66.

OSETR VALLEY—CROPS AND CLIMATE

Phytoclimatic conditions in bottomland fields. P. I. Peskov. Trudy GGO no. 100:101-107 '66.

OSH PROVINCE—CITIES AND TOWNS

Typology of populated places of Osh Province, Kirghiz S.S.R. K. O. Otorbaev, K. R. Rakhmanov. Izv. Kir. fil. Geog. ob-va SSSR no. 5:73-83 '65.

OSH PROVINCE—ECONOMIC GEOGRAPHY

Detailed economic and geographic subdivision of a region of Osh Province. A. S. Shorin. Izv. Kir. fil. Geog. ob-va SSSR no. 5:49-56 '65.

OSH PROVINCE—IRRIGATION

They show concern for irrigators. IU. Chubarov. Part. zhizn' no. 13:32-34 Ji '66.

OSH PROVINCE—VILLAGES

Typology of populated places of Osh Province, Kirghiz S.S.R. K. O. Otorbaev, K. R. Rakhmanov. Izv. Kir. fil. Geog. ob-va SSSR no. 5:73-83 '65.

OSMIUM ISOTOPES—DECAY

Multiplicity of radiation transitions in the decay of Os¹⁰¹ and Os¹⁰¹. E. P. Mazets, IU. V. Sergeenkov. Izv. AN SSSR. Ser. fiz. 30 no. 7:1103-1106 Ji '66.

OSMIUM ISOTOPES—SPECTRA

Study of γ -spectra and identification of neutron-deficient osmium isotopes. B. N. Belinev and others. Izv. AN SSSR. Ser. fiz. 30 no. 7:1150-1158 Ji '66.

OSMOSIS

Effect of diaphylline on the osmoregulating function of the kidney in dogs. IU. V. Notochin, M. M. Sokolova. Biol. eksp. biol. i med. 61 no. 6:115-119 Je '66.

Osmotic coefficients and mean ionic activity coefficients of NaI and NaBr in aqueous solutions at 25° C. L. L. Mukarov, IU. G. Vlasov, V. A. Azarko. Zhur. fiz. khim. 40 no. 5:1134-1135 My '66.

OSSETIA, NORTH—GEOLOGY

Isale characteristics of the history of the geological development of the mountains part of North Ossetia in the Jurassic. IU. G. Morgunov. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:40-53 My-Je '66.

OSSETIA, NORTH—HISTORY

Dzardzhikhan. Nauchno-issledovatel'skii institut Severo-Osetinskoi ASSR. [The civil war in Northern Ossetia; according to the recollection of participants] Grazhdanskaya volna v Severnoi Osetii; po vospominaniyam uchastnikov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1965. 381 p. (CS-I)

OSSETIA, NORTH—SOCIAL LIFE AND CUSTOMS

Take the best from the national customs. T. Dzasokhov. Sov. profsoyuz 22 no. 13:39 Ji '66.

OSIETZKY, CARL Von, 1889-1938

Keivulla, V. I. [He hated war] On nenavidel'noiu, Moskva, Mysl', 1966. 212 p.

OSTEOMYELITIS

Sequestrectomy combined with antibiotic therapy in treating chronic osteomyelitis in children. A. A. Postnikova, G. M. Kozakov. Antibiotiki 11 no. 5:475-478 My '66.

OSTRACODA, FOSSIL see Subdivision under Black

Sea Depression; Russian Platform

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1880

[A. N. Ostrovskii in the reminiscences of his contemporaries] A. N. Ostrovskii v vospominaniakh sovremennikov. [Moskva] Khudozhestvennaya literatura, 1966. 630 p. (Seria Literaturnykh memoarov)

OSWIECIM (CONCENTRATION CAMP)

Ashes which did not cool down. Iurii Naghin. Nov. vrem. 24 no. 3:24-26 Ji '66.

OTOSCLEROSIS

Polapov, I. I., and IU. M. Ovchinnikov. [Handbook for mastering the methodology and technique of surgery on the stapes for otosclerosis and adhesive middle otitis] Praktikum po ovladoniu metodikoi i tekhniko operatsii na stapeochke po povodu otoskleroza i adgeziivnogo srednego otita. Pod red. I. I. Polapova. Moskva, TSentr, in-t usovershenstvovaniia vrachei, 1965. 30 p. (DNLM)

OUTER SPACE—EXPLORATION

Victories of the Soviet people in space exploration. Mezhdunar. zhizn' 13 no. 6:147-149 '66

OVARIES—CANCER

Malignant arrhenoblastoma of the ovary; a single observation. A. N. Rybalka. Vop. onk. 12 no. 5:95-96 '66.

OVARIES—DISEASES

Apoplexy of the ovary combined with extrauterine pregnancy. B. A. Gorin. Azerb. med. zhur. 43 no. 4: 91-92 Ap '66.

OVARIES—TUMORS

Arrhenoblastoma of the ovaries; two observations. L. M. Beletskaya. Vop. onk. 12 no. 6:92-94 '66.

OXALATES

Chronometric determination of small amounts of calcium and of oxalate anions. L. T. Martynenko. Zhur. anal. khim. 21 no. 5:639-641 '66.

OXALIC ACID

Oxidative conversions of organic acids in illuminated chloroplasts. Report No. 1. Comparison of oxidative processes involving oxalate and malonate. E. S. Mikhalova and others. Fiziol. rast. 13 no. 3:416-423 My-Je '66.

Reaction of alkylidichlorophosphines with diamine esters of oxalic acid. G. I. Derkach, IU. V. Piven. Zhur. ob. khim. 36 no. 6:1087-1090 Je '66.

OXAZOLIDINONE

Therapeutic and prophylactic effectiveness of furazolidone against enteritis in suckling pigs. P. N. Anan'ev, I. A. Tsurina, N. V. Poluev. Vest. sel'khoz. nauki [Kazakh] 9 no. 8:58-62 Je '66.

OXIDASES

Cytochrome C oxidase of mitochondria of guinea pig liver in anaphylactic shock. V. I. Molok, Biol. eksp. biol. i med. 61 no. 5:41-46 My '66.

OXIDATION

Absorption and oxidation of sulfur dioxide simultaneously with gaseous nitrogen oxides. A. N. Tselin, V. T. Ivorski. Zhur. prikl. khim. 39 no. 5:902-907 My '66.

Certain features of polyphenylene ethyl oxidation in solutions. G. S. Kolesnikov, A. F. Chuchin, B. I. Boev. Vysokom. seed. 8 no. 6:1085-1088 Je '66.

Continuous process of n-butane liquid-phase oxidation. M. G. Bulygin, B. A. Blumberg, N. M. Enameli. Neftekhimika 6 no. 2:203-210 Mr.-Ap '66.

Developing the methods of efficient technology for conducting the process of oxidation of o-xylene to phthalic anhydride. V. S. Aliev, M. I. Rustamov, E. M. Seid-Raeva. Azerb. khim. zhur. no. 2:7-14 '66.

Effect of water on the process of liquid-phase catalytic oxidation of xylenes. S. S. Gitis, V. N. Aleksandrov, P. I. Saikov. Zhur. org. khim. 2 no. 4:660-668 Ap '66.

Initiated oxidation of cyclohexanol. V. V. Kharitonov, E. P. Dmitrov. Neftekhimika 6 no. 2:235-240 Mr.-Ap '66.

Isolation of methyl ethyl ketone and ethyl acetate from a mixture of products of n-butane liquid-phase oxidation. E. B. Chizhov and others. Neftekhimika 6 no. 2:211-215 Mr.-Ap '66.

Mathematical modeling of a reactor with fluidized bed in the process of propylene oxidation. I. A. B. Kadymov, M. I. Rustamov, R. I. Zeinalov. Azerb. neft. khoz. 45 no. 5:39-41 My '66.

Oxidation of methylacetylene on copper catalysts. N. I. Yanova, IU. A. Poltavchenko, V. P. Latyshev. Khim. i tekhn. 7 no. 3:489-493 My-Je '66.

Paraffin oxidation rate as dependent on the concentration of catalyst and temperature. N. K. D'akovska, I. K. Obukhova, I. G. Gindin. Neftekhimika 6 no. 2:252-258 Mr.-Ap '66.

Particular features of the catalytic liquid-phase oxidation of some paraffinic hydrocarbons of normal and branched chain structure. G. A. Zil'berg, S. N. Smirnova. Neftekhimika 6 no. 2:219-226 Mr.-Ap '66.

Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part 2: Evaluation of the rate constant of interaction of radical HO₂ with hydrogen bromide. A. I. Porokova, V. V. Voevodskii, A. B. Nalbandian. Arm. khim. zhur. 19 no. 2:89-95 '66.

Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part 3: Photochemical oxidation of propane in the presence of Br₂. A. I. Porokova, V. V. Voevodskii, A. B. Nalbandian. Arm. khim. zhur. 19 no. 2:99-110 '66.

Photochemical oxidation of benzene in the vapor phase at room temperature. G. L. Grigor'ian, A. A. Manastashian, A. B. Nalbandian. Arm. khim. zhur. 19 no. 2: 140-149 '66.

Preparation of dienes by dehydration of the products of liquid-phase oxidation of olefins. M. R. Musayev and others. Neftekhimika 6 no. 2:257-261 Mr.-Ap '66.

Role played by the oxidation of coal sulfur in high-temperature corrosion. M. I. Vdovenko. Probl. teploenerg. i prikl. teplofiz. no. 2:103-110 '65.

OXIDATION (Continued)

Study of the behavior of hydrogen and oxygen atoms and reaction products by the electron paramagnetic resonance method in a rarefied hydrogen sulfide flame. G. A. Sachlan, A. B. Nalbandian. *Arm. khim. zhur.* 19 no. 2:135-139 '66.

Studying the kinetics of the oxidation of zinc sulfide in the region of the polymorphic transformation of sphalerite into wurtzite. V. A. Brakun, I. A. Buravoi, I. U. V. Tsyatkov. *Izv. AN SSSR. Met.* no. 3:53-66 My-Je '66.

Vapor-phase catalytic oxidation of duroil. B. V. Savorov and others. *Vest. AN Kazakh. SSR* 22 no. 6:65-68 Je '66.

OXIDATION, ELECTROLYTIC

Anodic behavior of lead in alkaline solutions. Part 2: Galvanostatic and potentiostatic measurements. S. S. Popova, A. V. Fortunatov. *Rad. pravo* 20 no. 6: 678-682 Je '66.

Effect of ultrasonic waves on the process of electrochemical oxidation of potassium manganate to permanganate. A. P. Gindis. *Elektrokhimiya* 2 no. 6:737-738 Je '66.

Kinetics of electrochemical hydroquinone oxidation within 20 to 270° C temperature range in non-aqueous pyridine. I. U. G. Bochkova, A. M. Abolmov, S. V. Gorbachev. *Zhur. fiz. khim.* 40 no. 5:1148-1151 My '66.

OXIDATION, PHYSIOLOGICAL

Dynamics of the activity of some oxidizing enzymes in grapevines in the course of wintering. Z. I. A. Molchanova. *Fiziol. rast.* 13 no. 3:494-500 My-Je '66.

Effect of aminazine on some aspects of oxidative metabolism and the ultrastructure of cerebral mitochondria. Z. D. Pigreva, E. L. Dovedova, N. N. Bogolepov. *Zhur. vys. nerv. deiat.* 16 no. 3:506-513 My-Je '66.

Respiratory function of the blood and tissue respiration in patients with mitral stenosis during operation. S. O. Apsit, T. D. Kuznetsova. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:40-42 '65.

Tissue respiration and pathomorphological changes in the articular appendix based on biopsy during mitral commissurotomy. G. F. Arkhipova, V. M. Kirichenko, G. P. Sheremeteva. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 11:74-76 '65.

OXIDATION-REDUCTION REACTION

Effect of combined intratracheal ether and oxygen anesthesia on the activity of some oxidation-reduction enzymes of the blood; an experimental study. A. Sh. Baglamov. *Azerb. med. zhur.* 43 no. 4:27-32 Ap '66.

OXIDE CERAMICS

Ceramic alloy for working at high temperatures. V. S. Deroganova and others. *Vest. mashinost.* 46 no. 8:63-65 Je '66.

OXIDE ELECTRODES see Electrodes, Oxide

OXIDES—DENSITY

Relationship between the density of oxides and electro-negativity of oxide-forming elements. A. N. Tsybrik, D. M. Kolotylo. *Dop. AN URSR* no. 8:785-787 '66.

OXO PROCESS

Butyraldehyde and isobutyraldehydes in the products of propylene hydroformylation. K. A. Alekseeva and others. *Neftekhimiya* 6 no. 2:276-281 Mr-Apr '66.

Kinetics of gas-phase propylene hydroformylation. V. I. Gankin and others. *Neftekhimiya* 6 no. 2:271-275 Mr-Apr '66.

OXYGEN

Adjustment of MK-59 magnetic oxygen meters in TP-100 boilers. S. V. Altyn. *Energ. i elek.* no. 1:30-39 Ja-F '66.

Formation of radicals by the reaction of oxygen with styrene and cobalt. L. N. Denisova, E. T. Denisov, T. G. Degl'reva. *Izv. AN SSSR. Ser. khim.* no. 6:1095-1097 '66.

Reactions of oxygen chemisorption on silver. V. E. Ostrovskii, M. I. Temkin. *Kin. i kat.* 7 no. 3:529-534 My-Je '66.

Interaction of atomic oxygen generated in the gas phase with solid hydrocarbons. Part 2: Reactions of atomic oxygen with solid propylene at 77-87° K. V. M. Orlov, A. N. Ponomarev. *Kin. i kat.* 7 no. 3:419-424 My-Je '66.

Kinetics and possible mechanism of oxygen photo-adsorption on zinc oxide. I. U. P. Solontsyin. *Kin. i kat.* 7 no. 3:400-408 My-Je '66.

Synopsis on the oxygen transport in plants. A. L. Kur-sanov. *Fiziol. rast.* 13 no. 3:552-555 My-Je '66.

Use of the oxygen reference electrode in fused carbonates. I. N. Ozarlan and others. *Trudy Inst. elektrokhim. UFAN SSSR* no. 7:91-95 '65.

OXYGEN—INDUSTRIAL APPLICATIONS

Burning out of carbon from steel drops and the effect of this factor on slag foaming. I. U. P. Nikitin and others. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 67-71 '66.

OXYGEN—PHYSIOLOGICAL EFFECT

Effect of oxygen-rich medium under normal atmospheric pressure on the formation of conditioned reflexes in rats. G. V. Troshikhin. *Zhur. vys. nerv. deiat.* 10 no. 3:538-540 My-Je '66.

OXYGEN COMPOUNDS

Calculation of equilibria occurring in the interaction between oxygen-containing oxidizers and iodide. V. P. Tolstikov. *Zhur. ob. khim.* 36 no. 6:957-994 Je '66.

OXYGEN COMPOUNDS—DIPOLE MOMENTS

Dipole moments of the molecules R-O-(CH₂)_n-O-R' and R-S-(CH₂)_n-S-R and free rotation in them. I. P. Gol'dshtein and others. *Zhur. struk. khim.* 7 no. 2: 232-225 Mr-Apr '66.

OXYGEN IN THE BODY

Changes in the oxygen tension in normal tissues and in sarcoma-45 in rats during regional anoxia. I. I. Rampan. *Med. rad.* 11 no. 5:30-35 My '66.

Comparative analysis of the effect of gravitational stress and hypoxia on the oxygen tension in cerebral tissues. B. M. Savin. *Biul. eksp. biol. i med.* 61 no. 5:10-23 My '66.

Oxygen consumption by the brain and its glycolytic activity following introduction of various doses of serotonin into the body. S. V. Zakharov, S. P. Filippov. *Biul. eksp. biol. i med.* 61 no. 6:47-49 Je '66.

Oxygen consumption by the myocardium under conditions of normal and hypothermic coronary perfusion and general artificial blood circulation. D. D. Bershadenko, E. N. Ashecheulova. *Biul. eksp. biol. i med.* 61 no. 6: 23-27 Je '66.

OXYGEN ISOTOPES

Some characteristics of the distribution of oxygen isotopes in igneous rocks. E. I. Dontsova. *Geokhimiya* no. 4:430-442 Ap '66.

Some new data on the temperatures of Maastichtian basins in the Russian Platform and adjacent areas according to the isotopic oxygen composition in belemnite rostra. D. P. Naldin, R. V. Tels, I. K. Zadorozhnyi. *Geokhimiya* no. 10:971-979 O '64.

OXYGEN THERAPY

Importance of oxyperitoneum in prolonging penicillin action. N. A. Kryzhanovskii. *Antibiotiki* 9 no. 10: 843-845 O '64.

OXYTETRACYCLINE

Use of UHF pulse electric field and terramycin electrophoresis in the compound treatment of acute inflammatory and suppurative diseases. A. M. Landa, M. N. Starikova. *Vop. kur., i fizioter. i lech. fiz. kul't.* 31 no. 2:155-158 Mr-Apr '66.

OZONE

Ozone aging of rubbers. I. U. S. Zuev. *Zhur. VKIHO* 11 no. 3:268-269 '66.

OZONIDES

Gas-liquid chromatography of the composition of products of the thermal decomposition of octene ozonide. I. U. N. Urv'ev, S. D. Razumovskii. *Neftekhimiya* 6 no. 2:330-343 Mr-Apr '66.

PACIFIC AREA—GEOLOGY

Krasnyi, L. I., ed. [Geological structure of the north western part of the Pacific Ocean mobile belt] *Geologicheskoe stroenie severo-zapadnoi chasti Tikhookeanskogo podvizhnogo polosa.* Moskva, Nedra, 1966. 515 p. folded diagrs. (insert)

PACIFIC AREA—SECURITY, INTERNATIONAL

The Asian and Pacific Council is a dangerous bait: Southeast Asia and Oceania. V. Korotkov. *Mezhdunar. zhizn'* 13 no. 8:113-114 '66.

But the king is naked. A. Martynov. *Mezhdunar. zhizn'* 13 no. 8:126-128 '66.

PACIFIC OCEAN—CYCLONES

Correlation of synoptic processes in the northern parts of the Atlantic and Pacific Oceans. A. I. Sorokina. *Trudy GGO* no. 108:53-88 '66.

PACIFIC OCEAN—OCEAN TEMPERATURE

Convective heat transfer in the northern part of the Atlantic and Pacific Oceans. G. N. Milutko. *Trudy TSIP* no. 156:47-53 '66.

Method of calculating the water temperature in the northern regions of the Atlantic and Pacific Oceans in the cold part of the year. G. N. Milutko. *Trudy TSIP* no. 156:68-75 '66.

PACKAGING

Domichev, G. M. [Storing and packing facilities] *Skladskoe i tarnoe khozjalstvo.* Moskva, Vysshaya shkola, 1966. 214 p.

PACKINGHOUSES—INDUSTRIAL CAPACITY

Determination of the production capacity of a meat combine. N. P. Kholodnov. *Izv. vys. ucheb. zav.; pishch. tekhn.* no. 3:7-8 '66.

PAIN

Mechanism of the development of pains in the shoulder joint of a paretic extremity in patients with postinfarctus motor disorders. G. R. Tkacheva. *Zhur. nevr. i psikh.* 66 no. 5:674-680 '66.

Use of dosed pressure for the evaluation of the intensity of pains in diseases of organs of the abdominal cavity. D. B. Marenskovich. *Voen.-med. zhur.* no. 5:88-70 My '66.

Use of exponential impulse current in pain syndromes. A. M. Tereshchenko. *Voen.-med. zhur.* no. 12:42-46 D '66.

Variations of the pain syndrome in eosinophilic granuloma of the skull bones. B. M. Rachkov. *Zhur. nevr. i psikh.* 66 no. 5:671-674 '66.

PAINT MACHINERY

Mobile unit for coating surfaces with silicate paints. K. Karnaukh, V. Saitko. *Zhbl. i kom. khoz.* 16 no. 7: 19-21 Ji '65.

PAINTING

(see also subdivision under Asia)

Labunskaya, G. V. [Discussions on painting] *Besedy o zhivopisi.* Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. X Seriya: Molekulizatsiya, no. 10)

PAINTING, INDUSTRIAL

Color tables are necessary. A. Sainatel'nikov. *Arkhiv. SSSR* no. 5:49 '66.

Nikolay, A. S. [Advanced methods of painting building facades; from the work experience of the Fasadrem-strol-1 Trust in Leningrad] *Progressivnye metody okraski fasadov zdani; iz opyta raboty trosta Fasadremstrol-1 v Leningrade.* Leningrad, Stolzdat, 1966. 72 p.

Painting the inner surface of tunnels. V. S. Artamonov. *Transp. stroit.* 16 no. 6:20-21 Je '66.

Pekarskaya, Z. P. [Equipment and organization of work in training centers for painters and plasterers] *Obozrudovaniye i organizatsiya raboty uchebnykh kabinetov dlia malarov i stukatur.* Moskva, Vysshaya shkola, 1966. 55 p.

PAINTINGS

Sarab'innov, D. [Russian painting of the 19th century] *Russkaya zhivopis' XIX veka.* Moskva, Izgiz, 1962. 10 p. 64 plates.

PAISTU (ESTONIA)—VIEWS

Paistu, Tallinn, Kirjastus "Eesti Raamat," 1965. [III] p. (chiefly illus.) [In Estonian]

PAKISTAN—IRRIGATION

Combating the elements. M. Iakievich. *Az. i Afr. seg.* 10 no. 7:23-25 Ji '66.

PALEOBOTANY, STRATIGRAPHIC

(see also subdivision under Azerbaijan; Volga Valley)

History of the formation of the flora of woody plants of the Central Chernozem Region. S. I. Maskin. *Biul. Ob-va entsetvoispyt.* 13:14-20 '64.

PALEOCLIMATOLOGY see subdivision under Russian Platform

PALEOGEOGRAPHY see subdivision under Angara Valley; Ukraine; Yenisey Valley

PALEONTOLOGY see subdivision under Staraya region (Ukraine)

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Caucasus; Kazakhstan

PAMIRS—BOTANICAL GARDENS

25 years of the Pamir Botanical Garden. G. Rustaeva. *Izv. Old. biol. nauk. AN Tadzh. SSR* no. 1:126-130 '66.

PANCHENKO, DMITRIY IVANOVICH, 1906-

D. I. Panchenko; on his 60th birthday. *Zhur. nevr. i psikh.* 66 no. 7:1120-1121 '66.

PANCREAS—HYDATIDS

Echinococcosis of the pancreas according to clinical materials. S. M. Buchldze. *Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR* 8:385-389 '69.

PANCREAS-

Effect of

secret.

Izv. Kul

Relationsh.

secretory

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P.

- PANELS (BUILDING) (Continued)**
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu [architecture, [instructions on designing structural elements for large-panel residential buildings] Ukazaniya po proektirovaniu konstruktsii krupnopanel'nykh zhielykh domov (SN 321-65). Moskva, Stroizdat, 1966. 159 p.
- PANELS (BUILDING)—THERMAL PROPERTIES**
Vlasov, O. E., ed. [Practical problems of thermophysics in the construction of large-panel buildings] Prakticheskie zadachi stroitel'noi teplofiziki krupnopanel'nykh zdaniy. Moskva, Stroizdat, 1966. 126 p.
- PANINO DISTRICT—TRADE UNIONS—OFFICERS**
The salt of the Russian earth. N. Tatarskaya, Sov. profsoyuzy 22 no. 10:22-23 My '66.
- PANOV, DMITRIY GENNADIEVICH, 1909-1965**
Dmitriy Gennadievich Panov. Izv. Vses. geog. ob-va 83 no. 3:277-278 My-Je '66.
Dmitriy Gennadievich Panov; obituary. N. V. Dumitrasheko, A. V. Zhivago, I. M. Sazonov. Izv. AN SSSR. Ser. geog. no. 3:156-157 My-Je '66.
- PANTOMIME** see subdivision under Czechoslovakia
- PAPAIAN, NADEZHDA AMBROSIEVNA, 1868-1905**
Samvelian, V. T. [Nadezhda Papalian. Translated from the Armenian] Nadezhda Papalian. Erevan, Aistat, 1965. 127 p.
- PAPER CHROMATOGRAPHY**
Device for recording the intensity of fluorescence of spots on paper chromatograms. E. A. Bozhevol'nov, K. I. Nikolaeva. Zav. lab. 32 no. 5:633-635 '66.
Method for the qualitative and quantitative determination of organophosphorus compounds on paper chromatograms. I. P. Prostor and others. Zhur. anal. khim. 21 no. 5: 614-616 '66.
Quantitative fatty acid composition of medicinal codfish oil. S. R. Dominova. Izv. vys. ucheb. zav.: pishch. tekhn. no. 3:65-66 '66.
- PAPER ELECTROPHORESIS**
Study of the mobility of the ristomycin complex and its components in an electric field by the methods of high- and low-voltage electrophoresis. G. V. Samsonov, E. D. Etingov. Antibiotiki 9 no. 10:891-894 O '64.
- PAPER INDUSTRY—SAFETY MEASURES** see subdivision under Grigiskis (Lithuania)
- PAPER INDUSTRY WORKERS—EDUCATION AND TRAINING** see subdivision under Grigiskis (Lithuania)
- PAPERMAKING MACHINERY—ABSTRACTS**
[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhur.: Tekhn. i obrab. tsel.-bum. i poligr. proizv. no. 5 My '66.
- PARAFFIN WAX**
Field studies of paraffin deposition on enameled surfaces. I. M. Murav'ev and others. Trudy MINKHGP no. 57: 201-204 '66.
Some methods of controlling paraffin deposition in pipes. I. M. Murav'ev and others. Trudy MINKHGP no. 57: 205-207 '66.
Using sodium chloride for removing paraffin from a pipeline. P. I. Chulin. Transp. i khran. nefli i nefteprod. no. 3:6 '65.
- PARAFFINS**
Oxidative ammonolysis of a mixture of alkanes as a method for obtaining nitrile compounds. T. N. Shakh-tskhtinskii, K. I. Aitova. Azerb. khim. zhur. no. 2:78-84 '64.
Paraffin oxidation rate as dependent on the concentration of catalyst and temperature. N. K. D'akonova, L. K. Obukhova, L. G. Gindin. Neftekhimiya 6 no. 2:252-256 Mr-Ap '66.
- alytic liquid-phase oxidation
bons of normal and branched
erg, S. N. Smirnova. Nefte-
tr-Ap '66.
ane and isopentane dehydro-
iodine. I. I. Kozorezov.
98 Mr-Ap '66.
- PERTIES**
Position of chlorinated
t. Drabkin. Zhur. prikl.
My '66.
atment of progressive
tetravaccine. A. G.
Zhur. nevr. i psikh. 66
t of pams in the shoulder
n patients with postin-
R. Tkacheva. Zhur. nevr. i
i.
- PARALYSIS AGITANS**
Treatment of parkinsonian akinesia. I. A. Travenets. Zhur. nevr. i psikh. 66 no. 5:703-706 '66.
Treatment of parkinsonism with Bulgarian preparations INKHA-17 and bellazon. L. G. Stollarova. Zhur. nevr. i psikh. 66 no. 5:698-703 '66.
- PARAMAGNETIC RESONANCE AND RELAXATION** see Electron paramagnetic resonance
- PARAMECIUM**
Feeding of Paramecium on algae and bacteria. E. D. Mordukhai-Boltovskaya, I. I. Sorokin. Trudy Inst. biol. vnutr. vod. no. 8:22-24 '65.
- PARASITES—ANTS** see subdivision under Kazakhstan
- PARASITES—DUCKS**
Results of treating ducks with hymenoleplasts at the "Debnikrist" State Farm. V. A. Polkin. Shor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:51-53 '65.
- PARASITES—HERRING-GULL** see subdivision under Crimea
- PARASITES—LEECHES** see subdivision under Kharkov Province
- PARASITES—PHYTOPHAGA**
Review of the tribe Gynnosomatini (Diptera, Tachinidae) of the U.S.S.R., parasitizing in phytophagous bugs. L. S. Zimin. Ent. obozr. 45 no. 2:424-456 '66.
- PARASITES—POULTRY**
Searching for chemical prevention methods against ascariasis and heterakis infestation in hens. E. Kh. Dugalaeva. Vest. sel'khoz. nauki [Kazakh]. 9 no. 5:47-49 My '66.
- PARASITES—SCALE INSECTS** see subdivision under Kazakhstan
- PARASITES—SCARABAEIDAE**
Mermithids from the larva of dung beetle. G. V. Ipat'eva. Ochr. prir. TSentr.-Chern. pol. no. 5:263-266 '64.
- PARASITES—SHEEP**
(see also subdivision under Tajikistan)
Use of chlorophos against beetles in sheep. I. P. Feduk. Shor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:45-50 '65.
- PARASITES—SWINE**
Pathologicoanatomical and histological changes in the stomach, the intestines and the peritoneal organs in balantidial dysentery of swine and their importance in its diagnosis. V. I. Plakshin. Trudy TVI 9:97-101 '65.
- PARASYMPATHOLYTIC AGENTS**
Diversities in the penetration of the hematoencephalic barrier by cholinolytic substances. V. A. Pechenkin. Biol. eksp. biol. i med. 61 no. 5:72-74 My '66.
- PARATUBERCULOSIS OF CATTLE** see Johne's disease
- PARATYPHOID DISEASES IN ANIMALS**
Pathologicoanatomical changes in paratyphoid fever in geese. P. I. Pavlov. Trudy TVI 9:93-96 '65.
- PARATYPHOID FEVER**
Characteristics of the clinical course of present-day typhoid fever and problems of early diagnosis of typhoid and paratyphoid diseases. P. A. Ailsov, A. P. Kazantsev. Voen.-med. zhur. no. 6:25-30 Je '66.
Methodological recommendations for the use of fluorescent antibodies for accelerated early laboratory diagnosis of typhoid fever and paratyphoids. S. I. Diankov, M. L. Orechikina. Voen.-med. zhur. no. 6:55-58 Je '66.
- PARCEL POST** see subdivision under Novosibirsk
- PARIS—THEATER**
Theatrical Paris today. N. Todriia. Teatr 25 no. 10: 111-113 O '64.
- PARKINSON'S DISEASE** see Paralysis agitans
- PAROLE**
Study of the causes and conditions conducive to criminal acts of parolees. I. G. Bystrav, A. I. Vasil'ev. Sov. gos. i pravo 36 no. 6:116-120 Je '66.
- PARTICLE ACCELERATORS**
Causes of the reduction of plasmoid velocity in railtrons. I. F. Kvartskhava and others. Zhur. tekhn. fiz. 30 no. 4:758-762 Ap '66.
Experimental determination of the Q-factor of radiation near high-energy accelerators. V. N. Lebedev, M. I. Salatskaya, M. Zol'chinskii. Atom. energ. 20 no. 5: 392-398 My '66.
Heavy-current accelerator on the basis of a transformer. E. A. Abramian, V. A. Gaponov. Atom. energ. 20 no. 5:385-392 My '66.
- Possible causes of the effect of electrode polarity on the acceleration of a plasma in a railtron. I. F. Kvartskhava and others. Zhur. tekhn. fiz. 36 no. 4:755-759 Ap '66.
Statistical acceleration of particles in a turbulent plasma. V. N. Tsyvovich. Usp. fiz. nauk 88 no. 1:80-146 My '66.
- PARTICLE BOARD**
Graphical method for determining the content of resin in chip-glue pulp. I. A. Odeev, G. A. Porfomenko. Der. prom. 15 no. 5:13 My '66.
Peiri, V. N., L. P. Permikin, and A. A. Cherenishin. [Sawdust boards and articles] Drevesnopolochnoye pilti i izdeliia. Moskva, Lesnaya promyshlennost', 1966. 80 p.
- PARTICLE SIZE DETERMINATION**
Dispersion analysis of petroleum emulsions using a modified sedimentometer of the Whinner-Kelly type. N. K. Priglas'kii. Izv. vys. ucheb. zav.: nefi i gaz. 9 no. 2:91-95 '66.
- PARTICLES**
Binary correlation function for a balanced system of Coulombian particles with short range interaction. V. I. Tsaplayev. Trudy Ul. druzh. nar. 11, Fiz. no. 1: 104-112 '65.
- PARTICLES (NUCLEAR PHYSICS)**
Angular distributions of muons in the ground and under the water and the mechanism of their generation. N. P. Il'in, L. I. Starycheva. Izd. fiz. 4 no. 1:174-180 Ji '66.
Danil, D. S. [Inevitability of a strange world] Meliz-bezhnost' strannogo mira. Izd. 3. [Moskva] Melodika gvardii, 1966. 74 p.
Four-fermion interaction and lepton masses. L. G. Ivanter, D. P. Zoranskii. Izd. fiz. 4 no. 1:161-167 Ji '66.
Inelastic π -p-interactions with a 17 Gev slow recoil proton. S. A. Azimov and others. Izd. fiz. 4 no. 1: 169-177 Ji '66.
Interaction of elementary particles with atomic nuclei in the 1 + 30 Gev energy region. I. Z. Artykov, V. S. Barashnikov, S. M. Eliseev. Izd. fiz. 4 no. 1:155-160 Ji '66.
Neutrophils and their possible interactions. V. I. Oglevetskiy, I. V. Polubarinov. Izd. fiz. 4 no. 1:216-224 Ji '66.
Some possible experiments for checking the isotopic structure of electromagnetic interaction. V. G. Grishin and others. Izd. fiz. 4 no. 1:126-129 Ji '66.
Waves of concentration of charged particles in a moving plasma. O. H. Kosenko, A. K. Maslin. Teplofiz. vyzn. temp. 4 no. 1:12-16 Ju-F '66.
- PARTICLES (NUCLEAR PHYSICS)—CAPTURE**
Capture of negative muons in pure isotopes of Ni and Cr. V. Bobrov and others. Izd. fiz. 4 no. 1:73-82 Ji '66.
- PARTICLES (NUCLEAR PHYSICS)—DECAY**
Analysis and generalization of the correlation method of measuring the distribution of particle life time in a physical system. V. G. Zolotarev and others. Atom. energ. 20 no. 5:422 My '66.
- PARTICLES (NUCLEAR PHYSICS)—SCATTERING**
Analytical properties of nonrelativistic multichannel scattering amplitudes. V. M. Kolomoietz, I. V. Tsekhtrenko. Izd. fiz. 4 no. 1:182-187 Ji '66.
Measurement of the pp- and pd-scattering differential cross section at 4.0 Gev using semiconductor detectors. I. U. K. Akimov and others. Izd. fiz. 4 no. 1: 88-92 Ji '66.
- PARTIES TO ACTIONS**
Dzhallilov, D. R. [Persons having the status of parties to civil actions] Litan, uchastvuyushchie v grazhdanskikh dolzhiskovom protizvodstva. Dushanbe, Irion, 1965. 87 p.
- PASTEUR, LOUIS, 1822-1895**
Louis Pasteur, Honorary Member of Kazan University on the 70th anniversary of his death. V. V. Snedkova, N. I. Zhuchkova. Zhur. mikrobiol., epid. i immun. 43 no. 5:150-152 My '66.
- PASTEURELLA** see subdivision under Bulgaria; Italy
- PASTEURIZERS**
Tsipes, N. D. [PTU-5M tubular pasteurization apparatus] Trubchataya pasteurizatsionnaya ustanovka PTU-5M. Moskva, TsINTIPishcheprom, 1960. 22 p.
- PASTURES AND MEADOWS** see subdivision under Boliya Valley (Voronezh Province); Mela Valley
- PATENT LAWS AND LEGISLATION**
(see also subdivision under United States)
Legal acts on inventions. Vop. izobr. no. 1:38-43 Ju '66.
More attention to innovators. S. Zavalov. Avi. transp. 44 no. 5:4-6 My '66.

PATENT LICENSES

(see also subdivision under France)
Mandatory license in the legislation and practice of capitalist and developing countries. A.M. Chapulevskii, Vop. Izobr. no. 1:34-36 Ja '66.

PATENTS

Brief news, Vop. Izobr. no. 1:53-53 Ja '66.
[Inventions, industrial samples, trademarks] Izobr., prom. obrab., tov. znak. 43 nos. 10-11 '66.
Tasks of the Committee and patent and invention services in the light of the decisions of the September Plenum of the Central Committee of the CPSU. I.U.E. Maksarev, Vop. Izobr. no. 1:3-7 Ja '66.

PATENTS—INFORMATION SERVICES

(see also subdivision under United States)
Role of the research institute of information in the creation of a branch patent fund. A.A. Lelink, Vop. Izobr. no. 1:27-29 Ja '66.

PATHOGENIC PROTOZOA see Protozoa, Pathogenic

PATHOLOGICAL PHYSIOLOGY see Physiology, Pathological

PATHOLOGY—ABSTRACTS

[General problems of pathology. Oncology] Ref. zhur.: Ob. vop. pat. Onk. Avtorskii ukazatel' za 1965 g.

PATRIOTISM

The D.M. Karbyshev Pioneer Unit. O. Volodin. Nar. obr. no. 5:51-57 Je '66.
Our duty toward our motherland. Nar. obr. no. 5:46-50 Je '66.
The patriotism and internationalism of the Soviet people. Komunist 43 no. 9:3-11 Je '66.

PAVEMENTS, CONCRETE—COLD WEATHER CONDITIONS

Laying concrete pavements under winter conditions. N. Il'ashenko, Avt. dor. 29 no. 2:11-12 F '66.

PAVLODAR PROVINCE—COMMUNIST YOUTH LEAGUE

A secret. A. Dikhtlar'. Mol. komm. no. 8:55 Ag '64.

PAVLODAR PROVINCE—GRAIN HANDLING

Control and testing laboratory of a grain receiving enterprise. O. Vorontsov. Muk. elev. prom. 32 no. 5:14-16 My '66.

PAVLOV, IVAN PETROVICH, 1849-1936

Fr. I. P. [Song and speech in the light of I. P. Pavlov's theory] Poni i ruchi v svete uchenia I. P. Pavlova. Moskva, Muzyka, 1966. 97 p. (V pomoshch' pedagogu-muzykantu)
History of a search. N. A. Romanov. Priroda 53 no. 7: 77-87 '66.

PAYMENT

(see also subdivision under Europe, Eastern)

Consolidated payments in construction. I. Kizhanovskii. Fin. SSSR 40 no. 5:50-60 Je '66.
Improve the payment system. I. A. Belokrenitskii. Plan. khoz. 43 no. 6:70-72 Je '66.
Introduce progressive forms of payment in the construction industry. Z. Milovikova. Fin. SSSR 42 no. 5:50-54 My '66.
Yang, L. A. [Payment for capital assets and their efficient use] Plana za proizvodstvennye fondy i effektivnost' ikh ispol'zovaniia. [Moskva, Ekonomika, 1966] 31 p. (Ekonomisty o novoi khozhaistvennoi reforme v SSSR, no. 6)

PEA BREEDING

Organogenesis of peas and ways for its practical utilization. V. V. Glukhovtsev. Izv. Kulb. SKH 17:56-61 '65.

PEACE

Address of Bishop Ivenali, member of the Working Committee of the Christian Peace Conference at a reception for the members of the consultation, April 23, 1966. Zhur. Mosk. Patr. no. 5:30-40 '66.
Address of Bishop Ivenali, member of the Working Committee of the Christian Peace Conference, at the opening of the conference April 20, 1966. Zhur. Mosk. Patr. no. 5:34-30 '66.
Address of His Holiness Patriarch Aleksii to the members of the consultative committee of the Christian Peace Conference. Zhur. Mosk. Patr. no. 5:3 '66.
Communiqué of the Committee on the Study of Theological Problems of the Christian Peace Conference. Zhur. Mosk. Patr. no. 4:33 '66.
Communiqué of the Conference of Representatives of the Regional Committees of Ecumenical Councils and Churches, members of the Christian Peace Conference. Zhur. Mosk. Patr. no. 5:33-34 '66.
Communiqué of the International Secretariat of the Christian Peace Conference. Zhur. Mosk. Patr. no. 5:32-33 '66.

Communiqué of the meeting of the Committee on the Study of International Problems of the Christian Peace Conference. Zhur. Mosk. Patr. no. 4:34 '66.

Communiqué of the meeting of the Working Committee of the Christian Peace Conference in Prague, March 21-25, 1966. Zhur. Mosk. Patr. no. 4:29-30 '66.

Easter peace marches. Zhur. Mosk. Patr. no. 5:44 '66.

Incarnation and earthly reality. L. Voronov. Zhur. Mosk. Patr. no. 5:42-44 '66.

Karpov, G. D. [Ideological sabotage by the enemies of peaceful coexistence] Ideologicheskie diverzii protivnikov mirovogo sushchestvovaniia. Moskva, Mezhdunarodnye otnosheniia, 1965. 149 p. (CS-11)

Leaders of Students' Christian Movements of Europe discuss their problems. G. Troitskii. Zhur. Mosk. Patr. no. 4:43-45 '66.

Program of ensuring peace in Europe and the whole world. Mezhdunar. zhizn' 13 no. 8:3-10 '66.

The second session of the Theological Committee of the Christian Peace Conference in Basel. L. Voronov. Zhur. Mosk. Patr. no. 5:40-42 '66.

PEACE—CONGRESSES

The World Peace Council in Geneva. A. Sedin. Nov. vrem. 24 no. 25:4-5 Je '66.

PEACE SOCIETIES

Resolutions of the Meeting of the World Council of Peace, Geneva, June 13-16, 1966; documents. Nov. vrem. 24 no. 28:35-47 Ji '66.

PEAS

(see also subdivision under Tselinograd Province)
Sowing rates and planting methods for peas as a green fallow crop in dry farming with satisfactory growing conditions. V. P. Dudenko. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:14-21 My '66.

PEAS—DISEASES AND PESTS

Systemic action of hexachlorocyclohexane on the pea aphid and its metabolism in insects. I. N. Suzonova, K. I. Kozlova. Khim. v sel'khoz. 4 no. 2:33-35 F '66.

PEASANT UPHISINGS see subdivision under France; Greece

PEASANTRY see subdivision under Buryat A.S.S.R.; Morocco; Penza Government; Transbaikalia

PEAT

Chemically processed peat as feed for animals. D. V. Elpat'evskii. Uch. zap. Ped. inst. Gerts. 312:351-360 '66.
Use local fertilizers correctly. M. Kazakov, A. Zaitseva. Tekh. v sel'khoz. 25 no. 3:12-16 Mr '65.

PEAT INDUSTRY see subdivision under White Russia

PEAT SOILS

Field studies on accelerating the stabilization of peat soils in embankments using direct electric current, chemical supplements, and vacuum evaporation. N. P. Kovalenko, N. F. Bondarenko, S. V. Popov. Izv. vuz. ucheb. zav.; len. zhur. 9 no. 2:90-93 '66.

PEAT SOILS—TESTING

Structural properties of peat soils. V. I. Guseva. Avt. dor. 30 no. 2:26-27 F '66.

PECHORA DEPRESSION—GEOLOGY, STRUCTURAL

Dislocations in loose Quaternary sediments in the northern part of the Pechora Depression. A. A. Forens-Sorotskii. Trudy VNIIGR no. 237:22-32 '64.

PECHORA VALLEY

Zhailty, V. V. Pechora. [Syktyvkar] Komi knizhnoe izd-vo, 1965. 31 p. illus. (CS-11)

PECHORA VALLEY—GAS, NATURAL—GEOLOGY

Basic characteristics of the distribution of oil and gas fields in the southern part of the Timan-Pechora basin and the methodology of prospecting. V. I. Bogatskii, M. Sh. Modelevskii, N. D. Matvievskii. Trudy VNIIGR no. 237:33-41 '64.

Tectonics and prospects for finding oil and gas in the middle Pechora Valley. V. A. Sorokin. Trudy VNIIGR no. 237:7-21 '64.

PECHORA VALLEY—PETROLEUM GEOLOGY

Basic characteristics of the distribution of oil and gas fields in the southern part of the Timan-Pechora basin and the methodology of prospecting. V. I. Bogatskii, M. Sh. Modelevskii, N. D. Matvievskii. Trudy VNIIGR no. 237:33-41 '64.

Tectonics and prospects for finding oil and gas in the middle Pechora Valley. V. A. Sorokin. Trudy VNIIGR no. 237:7-21 '64.

PECHORA VALLEY—PROSPECTING

Geological and economic efficiency of prospecting for oil and gas in the Timan-Pechora oil- and gas-bearing area. A. E. Bibik. Trudy VNIIGR no. 237:303-311 '64.

PECHORA VALLEY—TOURISM

Chernov, G. A. [Tourist trips to the "Pechora Alps"] Turistskie pobyty v "Pecherskie Alpy." Izd. 2., perer. i dop. Moskva, Fizkul'tura i sport, 1965. 158 p. (Po rodnym prostranam)

PEDIATRICS

Basic problems of scientific studies in the field of pediatrics and prospects for their further development. N. I. Nisevich. Vest. AMN SSSR 21 no. 6:5-12 '66.

Compound (treatment of tetanus in children. Z. M. Kerimov. Azerb. med. zhur. 43 no. 4:55-58 Ap '66.

Effectiveness of vaccination against typhoid fever in children aged 3-7, using a purified preparation of Salmonella typhi Vi-antigen; materials of controlled epidemiological experiment. I. I. Shatrov and others. Zhur. mikrobiol., epid. i immunit. 43 no. 5:39-43 My '66.

PEGMATITES see subdivision under Northern Baikal Highland

PELECUS see subdivision under Aral Sea

PELTS see Hides and skins

PELVIS

Skeleton of the pelvic girdle and leg of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. G. V. Vladimirov. Trudy TVI 9:51-58 '65.

PELVIS—INNERVATION

Comparative characteristics of unconditioned reflexes from organs of the small pelvis. T. S. Lagutina. Trudy Inst. fiziol. 11:13-132 '65.

PENALTIES, CONTRACTUAL

Let us increase the role of contractual penalties. A. Rykov. Sov. iust. 30 no. 13:10-21 Ji '66.

PENICILLANIC ACID

Synthetic derivatives of acerin and 6-aminopenicillanic acid. S. A. Zotova and others. Zhur. org. khim. 2 no. 4:720-731 Ap '66.

PENICILLIN

6-Phenoxycarbonylmethyl penicillin - the semisynthetic penicillin. G. A. Maslova, I. T. Strukov. Antibiotiki 9 no. 10:871-875 O '64.

Determination of antibodies to penicillin in an experiment with guinea pigs. A. V. Mashkov, E. P. Chlenchikova. Antibiotiki 11 no. 5:159-163 My '66.

Effectiveness of combined treatment of progressive paralysis with penicillin and tetraevacine. A. G. Brednev, N. V. Kallanok. Zhur. nevro. i psikh. 66 no. 5:768-772 '66.

Importance of oxypentoneum in prolonging penicillin action. N. A. Kryzhanovskii. Antibiotiki 9 no. 10: 943-945 O '64.

Semisynthetic penicillins with the γ-pyrone system in the side chain. N. M. Vikhrova, I. T. Strukov, G. A. Gar-kusha. Antibiotiki 9 no. 10:867-871 O '64.

PENICILLINASE

Induction of the synthesis of staphylococcal penicillinase by the semisynthetic penicillins cloxacillin and naphcillin. V. G. Dubova. Antibiotiki 11 no. 5:405-410 My '66.

Sterilization of penicillinase with gamma radiation of radioactive colalt (Co⁶⁰). S. M. Chalkovskaya and others. Antibiotiki 9 no. 10:930-932 O '64.

PENICILLIUM

(see also subdivision under Turkmenistan)

Coenzyme A content in the developmental cycle of Penicillium nigricans Bain producing griseofulvin. L. E. Lvova. Antibiotiki 11 no. 5:410-422 My '66.

PENSIONS

(see also subdivision under White Russia)

As always, work remains the criterion; notes of an agitator's talk. Agitator no. 16:12-13 Ag '64.

The development of Soviet legal rules governing the awarding and payment of pensions. V. V. Karavaev. Sov. gos. i pravo 36 no. 7:3-10 Ji '66.

PENTADECANOL

Synthesis of 8-oxapentadecanols. Z. P. Golovina and others. Zhur. org. khim. 2 no. 4:660-662 Ap '66.

PENTADIENE

Synthesis of some phosphonium salts and 1,5-diphenyl-1,3-pentadienes based on chloroacryl butenes. N. I. Gansushech and others. Zhur. ob. khim. 36 no. 8: 1150-1153 Je '66.

PENTAERYTHRITOL

Ternary system m-dinitrobenzene - 2,4,6-trinitro-m-xylene - tetrantropenterythritol. O. F. Bogush. Izv. AN SSSR, Ser. khim. no. 6:1064-1086 '66.

PENTANEDIAMINE—EFFECT ON PLANTS see Plants, Effect of pentanediamine on

PENTENE

Ionic polymerization of pentenes. S. I. Sadykhzade and others. Azerb. khim. zhur. no. 2:57-62 '64.

Vapor-phase catalytic hydration of acetylene and its derivatives. Part 11: Formation of pentenes in the process of acetylene hydration over a cadmium-calcium phosphate catalyst. I. A. Gorin, I. K. Gorn. Zhur. org. khim. 2 no. 4:590-595 Ap '66.

PENTOSE

Kinetics of high-temperature pentose dehydration in a closed system. V. G. Kul'nevich, I. U. E. Fal'kovich, B. N. Erekhov. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:71-77 '66.

PENZA GOVERNMENT—AGRICULTURE—ECONOMIC ASPECTS

Bulygin, I. A. [Condition of the peasantry and commodity production in Russia in the second half of the 18th century; based on the materials of the Penza Government] Polozhenie krest'ian i tovarnoe proizvodstvo v Rossii (vtoraya polovina XVIII veka); po materialam Penzenskoi gubernii. Moskva, Nauka, 1966. 209 p.

PENZA GOVERNMENT—PEASANTRY

Bulygin, I. A. [Condition of the peasantry and commodity production in Russia in the second half of the 18th century; based on the materials of the Penza Government] Polozhenie krest'ian i tovarnoe proizvodstvo v Rossii (vtoraya polovina XVIII veka); po materialam Penzenskoi gubernii. Moskva, Nauka, 1966. 209 p.

PEPTIC ULCER

Characteristics of the course of peptic ulcer in young persons and its prevention. A. F. Konstantinovskii, V. L. Lakiza. Voen.-med. zhur. no. 12:25-29 D '65.

Late results of the treatment of patients with peptic ulcer and medical expertise. A. P. Mlagkov, A. I. Gusev. Voen.-med. zhur. no. 12:34-35 D '65.

Nesterova, A. P., and V. A. Oleneva. [Therapeutic diet in peptic ulcer] Lechebnoe pitanie pri iazvennoi bolezni. Izd. 2. Moskva, Meditsina, 1966. 57 p. (Nauchno-populnarnaya meditsinskaya literatura) (DNLM)

Pathogenesis and clinical forms of peptic ulcer, its treatment and prevention. M. I. Teodor. Voen.-med. zhur. no. 12:21-25 D '65.

Problems of expertise on peptic ulcer in young persons. N. S. Akifiev. Voen.-med. zhur. no. 12:29-34 D '65.

Ulcers of the stomach and the duodenum in children and adolescents. S. M. Buschidze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:377-384 '59.

PEPTIDES

Activation of amide groups by acylation. Part 7: Inclusion of hydroxy acids into linear peptides. V. K. Antonov and others. Zhur. ob. khim. 36 no. 6:1308-1012 Je '66.

PERCEPTRONS

Choice of "style" or "language" for random perceptron prototypes. T. Herget, O. H. Ivakhnenko, H. A. Lermishchevskii. Avtomatika 19[i.e. 11] no. 3:24-34 '66.

PERCH

Some characteristics of precovulatory changes in the nucleus of the oocytes of the common ruff *Acerina cernua* L. A. F. A. Latif. Vest. LGU no. 9:44-48 '66.

PEREKOP ISTHMUS—GEOLOGY, STRUCTURAL

Perekop cross structure. N. I. Cherniak, O. T. Bogalets', L. G. Plakhotnyi. Dop. AN URSS no. 5:657-661 '66.

PEREYASLAV COUNTY—HISTORY

Alekseev, I. U. G. [Agrarian and social history of northeastern Russia, the 15th-16th centuries; Pereyaslav County] Agrarnaya i sotsial'naya istoriya Severo-Vostochnoi Rusi XV-XVI vv.; Pereyaslavskii uезд. Moskva, Nauka, 1966. 265 p.

PERIMETRY

State of the field of vision in white and colored lights during the climacteric in women. G. M. Nezhurilava. Trudy Azerb. nauch.-issl. inst. oft. 4:87-91 '63.

PERIODICALS—CATALOGS

Efficient methods of the registration of periodical publications in large libraries. E. I. Markova. Bibliot. SSSR no. 30:134-140 '65.

PERIPHERAL CIRCULATION

Morphological and functional changes in the peripheral blood and lymph circulation in acute radiation sickness. I. P. Novikov. Med. rad. 11 no. 6:50-54 Je '66.

PERITONEUM

Implantation of ascitic tumor cells into the peritoneum. I. A. Rovenskii. Vop. onk. 12 no. 6:70-76 '66.

PERITONITIS

Importance of oxperitoneum in prolonging penicillin action. N. A. Kryzhanovskii. Antibiotiki 9 no. 10: 943-945 O '64.

PERLITE (MINERAL)

Expansion of perlite by the barothermal method. G. I. Evrenko. Stroim. 12 no. 2:23-24 F '66.

PERM—CHEMICAL INDUSTRIES

Put all potential to work. P. Kovalev. Agitator no. 16: 45-48 Ag '64.

PERM PROVINCE

[Calendar-reference book for Perm Province, 1966] Kalendar'-spravochnik Permskoi oblasti 1966. Perm', Permskoe knizhnoe izd-vo, 1965. 190 p.

PERM PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Secretary of a district party committee. P. Buturlinkin. Part. zhizn' no. 13:61-65 Ji '66.

PERMALLOYS

Thermomagnetic treatment of the 66-permalloy and silicon iron in a rotating magnetic field. F. I. Duraev, N. S. Malev. Fiz. met. i metalloved. 20 no. 6:935-937 D '65.

PERMALLOYS—MAGNETIC PROPERTIES

Rotation of magnetic moment in permalloy films. G. M. Rodichev, N. P. Liashkovskii. Izv. AN SSSR, Ser. fiz. 30 no. 6:1062-1064 Je '66.

PEROXIDASES

Change in the polyphenoloxidase and peroxidase activity following gamma irradiation of plants with different radiosensitivity. A. M. Kuzin, N. P. Korolev. Radiobiologiya 6 no. 3:464-469 '66.

Use of tests for peroxidase in determining the freshness of fresh meat and frozen meat. E. V. Mal'tsev, I. V. Turchenko. Shor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:40-42 '65.

PEROXIDES

"Peroxide" effect in the reaction of bisulfite addition to high-molecular olefins. B. N. Tlutunnikov and others. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:78-81 '66.

PEROXIDES—PHYSIOLOGICAL EFFECT

Radiosensitizing action of some organic peroxides. L. A. Titunov, N. A. Kachurina, O. I. Smirnova. Radiobiologiya 6 no. 3:343-348 '66.

PERPHTHALIC ACID

Preparation of epoxy compounds by oxidation of decenes and hexenes of monoperphthalic acid. A. M. Pol'takov and others. Izv. AN SSSR, Ser. khim. no. 6:1088-1089 '66.

PERSIA see Iran

PERSONS (LAW)

Concept of person in administrative contraventions. E. V. Dodin. Uch. zap. VNIISZ no. 5:47-51 '65.

Shcheglov, V. N. [Relations between persons under civil procedure laws] Grazhdanskoe protsessual'noe pravootnoшение. Moskva, Iuridicheskaya literatura, 1966. 166 p.

PESHKATASHLIAN, MKRTICH, 1828-1868

When was Peshkhatashlian's play "Kornak" written? V. A. Safarian. Vest. obshchestv. nauk AN Arm. SSR no. 1:75-82 Ja '66.

PESTICIDES

Organic insectofungicides. Part 97: Reaction of dithiophosphoric acid esters with tertiary aliphatic phosphines. N. N. Mel'nikov, N. N. Tuturina, B. A. Khaskin. Zhur. ob. khim. 36 no. 6:1002-1006 Je '66.

PESTICIDES—ANALYSIS

Use of polarography for analyzing pesticides. B. N. Rybakov. Khim. v sel'. khoz. 4 no. 2:36-43 F '66.

PETER, JANOS, 1910

People and events: Koca Popovic; Janos Peter; Johann Adolf von Kielmansegg. Nov. vrem. 24 no. 30:4, 8, 30 Ji '66.

PETROCHEMICAL INDUSTRY see subdivision under Azerbaijan

PETROCHEMICAL INDUSTRY—SCHEDULING see subdivision under Bashkirtia

PETROCHEMICAL WORKERS

Concern for the organization of workers' rest is the duty of the trade unions. L. Reznik. Neftianik 10 no. 7: 32 Ji '65.

PETROCHEMISTRY—CONGRESSES

Ninth Scientific Session on the Chemistry of Organosulfur Compounds of Petroleum and Petroleum Products. G. D. Gal'perin. Neftkhitnitsa 6 no. 2: 344-348 Mr-Ap '66.

PETROLEUM see subdivision under Africa; Poland

PETROLEUM—ANALYSIS

(see also subdivision under Arkan Oil Field; Bakhmany-Sabunchi-Romany Oil Field; Gaidin Oil Field; Ukraine)

Determination of the optimum size of sample chambers suspended on a logging cable of wire line. I. S. Vityayev, N. F. Riazantsev. Neft. khoz. 44 no. 5:22-25 My '66.

Particular features of the chemical structure of high-molecular cycloparaffinic petroleum hydrocarbons. A. A. Petrov and others. Neftkhitnitsa 6 no. 2:165-171 Mr-Ap '66.

PETROLEUM—CONGRESSES

World Petroleum Congresses. D. A. Khaf. Neftianik 10 no. 7:30-31 Ji '65.

PETROLEUM—PRICES

Main trends in the improvement of the wholesale prices for petroleum. L. A. Kashitinkii. Ekon. neftedob. prom. no. 1:10-15 '65.

PETROLEUM—STORAGE

(see also subdivision under Sverdlovsk)

Korshunov, E. S. and S. G. Edigarov. [Losses of petroleum products, and gases and means for reducing them] Poteri nefi, nefteproduktov i gazov i mery ikh sakhraneniya. Moskva, Nedra, 1966. 116 p.

Reducing the losses of easily evaporating petroleum products by selecting economical systems of steel reservoirs. M. I. Ashkharz. Transp. i khran. nefi i nefteprod. no. 3:18-22 '65.

PETROLEUM GEOLOGY

(see also subdivision under Azerbaijan; Bashkirtia; Borslav region, Ukraine; Caspian Sea region; Caucasus, Northern; Chir Valley; Dniester-Donets Lowland; Emba Valley; Kara Kum; Maritima Territory; Megion Oil Field; Pechora Valley; Pripiet Valley; Sarysu Valley; Second Baku; Timan Range; Uzbekistan; Verkhoyansk Range region)

Evaluation of the time factor in determining the economic efficiency of prospecting for gas and oil. P. T. Kozlov, M. B. Dobrovolskii. Ekon. neftedob. prom. no. 1:18-23 '66.

Time of the formation of structural traps and pools of petroleum and gas in a producing formation. F. M. Bagir-zade. Izv. vys. ucheb. zav.; nefi i gaz. 9 no. 3:8-14 '66.

PETROLEUM INDUSTRY

(see also subdivision under Azerbaijan; Caspian Mountain region; Europe, Western; Germany, West; India; Iran; Iraq; Kuwait; Tunisia; Turkey; Underdeveloped Areas)

Against almighty monopolies. L. Murachova. Az. i Afr. seg. 9 no. 6:14 Je '66.

Determining the efficient amount of economic information in a petroleum producing enterprise. A. A. Abdullayev, H. I. Samoilovich. Mekh. i avtom. proizv. 20 no. 6:52-53 Je '66.

The petroleum production industry in the new five-year period. V. D. Shashin. Ekon. neftedob. prom. no. 1: 3-9 '66.

PETROLEUM INDUSTRY—CONGRESSES

The Fourth Congress of the Scientific and Technical Society of the Petroleum and Gas Industry. I. A. Valner. Ekon. neftedob. prom. no. 1:26-27 '66.

PETROLEUM INDUSTRY—FINANCE

Fixed payments as a necessary element of price determination in the petroleum production industry of the U.S.S.R. V. M. Kozzyrev. Ekon. neftedob. prom. no. 1:15-18 '66.

PETROLEUM INDUSTRY—MANAGEMENT

Directives of the 23d Congress of the CPSU on the petroleum production industry. L. N. Mordvin, S. M. Levin. Ekon. neftedob. prom. no. 2:3-5 '66.

Meeting of the Economics Section of the Central Administration of the Scientific and Technical Society of the Petroleum and Gas Industry on the survey of the main trends in the development of the petroleum and gas industry in 1966-1970. L. N. Mordvin. Ekon. neftedob. prom. no. 1:27-28 '66.

Preparation of petroleum production industry enterprises for a transfer to the new system of planning. S. M. Levin. Ekon. neftedob. prom. no. 1:7-9 '65.

PETROLEUM INDUSTRY—PRODUCTION STANDARDS

Closer to the needs of production. A. Smirnov. Sot. trav. 11 no. 6:101-103 Jo '66.

Establishing work norms in the Main Administration of the Enterprises for the Supply with Petroleum and Petroleum Products in the R.S.F.S.R. E. V. Aristov. Transp. i khran. nefi i nefteprod. no. 3:27-28 '65.

- PETROLEUM MINING** see subdivision under *Komi A. S. S. R.*
- PETROLEUM PIPELINES**
Experimental investigation of the starting regime of a "hot" mazut pipeline. L. S. Abramzon, M. A. Gallimov, V. N. Stepankin. *Neft, khoz.* 44 no. 5:53-63 My '66.
Karimov, Z. F., and V. I. Chernik. [Use of mechanical separators in the transportation of petroleum, petroleum products, and liquefied gases] *Primeneniye mekhanicheskikh rozdeltel'el pri transporte nefli, nefteproduktov i szhizhennykh gazov.* Moskva, Nedra, 1966, 95 p.
On the development of pipeline transport in capitalist countries. S. B. Shikhter. *Ekon. nefteob. prom.* no. 1:23-32 '66.
Petroleum river. I. Osipov. *Nov. vrem.* 24 no. 32: 25-27 Apr '66.
Selecting optimal variants for the distribution of the pipeline system of intake wells. T. A. Alakhverdiyev, A. G. Ishkhanov. *Ekon. nefteob. prom.* no. 2:32-34 '66.
Some problems of the economics of work and the development of the petroleum pipeline transport of the U.S.S.R. in 1958-1964. B. N. Gladstov and others. *Ekon. nefteob. prom.* no. 2:33-39 '66.
- PETROLEUM PRODUCTION**
(see also subdivision under *Balakhany-Sabunchi-Romany Oil Field; Dnieper-Donets Lowland; Enba region, Kazakhstan; Stavropol Territory; Surakhany Oil Field*)
Calculating flush production of petroleum in water drive using three rows of wells. G. V. Kharovskii, V. A. Skripnik. *Neft, i gaz, prom.* no. 3:32-35 My-Je '66.
Determination of mean recovery factors in foreign petroleum producing countries. G. L. Gonorova. *Trudy MINKHIMP* no. 57:3-8 '66.
In the State Committee on the Petroleum Production Industry of the State Committee of the Council of Ministers of the U.S.S.R. for Future Planning of the Economy. P. M., D. Vinogradskii. *Neftianik* 10 no. 7: 18-19 Ji '65.
Let us carry out the decisions of the 23d Congress of the CPSU. *Neft, khoz.* 44 no. 5:1-6 My '66.
- PETROLEUM PRODUCTS**
Device for controlling the parameters of petroleum products. *Transp. i khran. nefli i nefteprod.* no. 3:37-38 '65.
- PETROLEUM PRODUCTS—TRANSPORTATION**
Develop in every way possible the shipping of petroleum products. V. Kurdin. *Rech. transp.* 23 no. 4:7-10 Apr '64.
- PETROLEUM REFINERIES—MANAGEMENT** see subdivision under *Moscow*
- PETROLEUM REFINING**
(see also subdivision under *Azerbaijan*)
Means for lowering the losses of petroleum and petroleum products. R. V. Katsur. *Neft, i gaz, prom.* no. 3: 43-44 My-Je '66.
Purification of waste waters in a closed system in installations of preliminary petroleum refining. I. A. A. Karelin, A. G. Sokolov. *Neft, khoz.* 44 no. 5:47-51 My '66.
Saidovich, E. V. [Technology of petroleum and gas refining] *Tekhnologiya pererabotki nefli i gaza.* Moskva, Khimika.
Pl. 2. [Destructive processing of petroleum and gas] *Destruktivnaya pererabotka nefli i gaza.* 1966, 386 p.
- PETROLEUM REFINING—ACCOUNTING**
Improving the accounting of production expenditures in the petroleum industry. A. Kh. Khatrikin. *Izv. vyz. ucheb. zav. i nefli i gaz.* 9 no. 2:109-113 '66.
- PETROLEUM REFINING—SCHEDULING** see subdivision under *Bashkiria*
- PETROLEUM WASTE—PURIFICATION**
Purification of waste waters in a closed system in installations of preliminary petroleum refining. I. A. A. Karelin, A. G. Sokolov. *Neft, khoz.* 44 no. 5:47-51 My '66.
- PETROLEUM WAX**
Experience in fighting paraffin deposition in pump pipes. M. Lainev, G. Amirov. *Neftianik* 10 no. 7:25-26 Ji '65.
- PETROLEUM WORKERS**
In days of war and in days of peace. B. Ponomarenko and others. *Neftianik* 10 no. 7:7-9 Ji '65.
- PETROLEUM WORKERS—DISEASES AND HYGIENE** see subdivision under *Moscow*
- PETROLOGY**
(see also subdivision under *Kola Peninsula; Pripet Valley; Siberia, Western*)
Akademika nauk SSSR. Komissiya po izucheniyu chetvertnogo perioda. [Recent and Quaternary continental lithogenesis] *Sovremenniy i chetvertichnyy kontinental'nyy litogenez.* Moskva, Nauka, 1966, 106 p.
- Study of the characteristics of pore structure in rocks containing opal. V. A. Zabelin. *Dokl. AN SSSR* 168 no. 4:885-888 Je '66.
- PETROLOGY—CONGRESSES**
Soveshchaniye po eksperimental'noi i tekhnicheskoi mineralogii i petrologii. 7th, Lvov, 1964. [Experiment in technical mineralogy and petrography; based on materials of the ...] *Eksperiment v tekhnicheskoi mineralogii i petrologii; po materialam.* Moskva, Nauka, 1966, 335 p.
- PETROSIA, TIGHAN VARTANOVICH, 1920-**
Petrosian — Spasskii. Moskva, [Moskovskaya pravda] 1966, 83 p.
- PETROV, ALEKSANDR DMITRIYEVICH, 1895-1964**
Aleksandr Dmitriyevich Petrov. *Azerb. khim. zhur.* no. 2: 147-148 '64.
- PETROVKA (CRIMEA)—RURAL CONSTRUCTION**
With the resources of the collective farm. I. Egudin. *Agitator* no. 8:17 Apr '64.
- PEZA VALLEY (ARCHANGEL PROVINCE)—GEO-MORPHOLOGY**
Characteristics of the evolution of river valleys in the north of the European part of the U.S.S.R., as exemplified by the Peza River. L. L. Rozanov. *Izv. AN SSSR. Ser. geog.* no. 3:87-95 My-Je '66.
- PHACIDIUM INFESTANS**
Annual cycle of the development of the snow blight of pine as related to climatic conditions. I. S. Kossinskaya. *Izv. vyz. ucheb. zav. i les. zhur.* 9 no. 2:29-33 '66.
- PHAGOCYTOSES**
Combined effect of penicillin, levomycesin, and some water-soluble vitamins on aseptic inflammation and phagocytosis. E. M. Chukichev. *Antibiotiki* 11 no. 5:442-446 My '66.
Effect of lysozyme on the phagocytic capacity of leucocytes in experiments in vitro. T. P. Aukina, T. V. Golosova, T. M. Kokhanovskaya. *Antibiotiki* 11 no. 5:446-450 My '66.
Phagocytic activity of leucocytes during the induction of tumors. N. V. Dzhiladze. *Trudy Inst. eksp. i klin. khir.* i gemat. AN Gruz. SSR 8:51-61 '69.
Phagocytic capacity of leucocytes during different functional states of the thyroid gland. N. N. Kobadze. *Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR* 8:315-318 '69.
- PHARMACOLOGY**
Comparative evaluation of the results of trachoma treatment with etazol combined with ronidase and terramycin in the village of Novogolovka, Astrakhan-Bazar District. K. A. Alizade and others. *Trudy Azerb. nauch.-issl. inst. oft.* 4:7-12 '65.
Materials for the pharmacology of the general effect and toxicity of the extract from *Sanicula discolor* (Willd) D. C. B. M. Pestov. *Lek. i syr. res. Irk. obl.* no. 4: 165-167 '65.
Pharmacological study of the wormwood *Artemisia vulgaris* L. S. R. Semenov, V. K. Luchinskii. *Lek. i syr. res. Irk. obl.* no. 4:172-175 '65.
Pharmacology of *Geranium pratense* L. S. R. Semenov, V. K. Luchinskii. *Lek. i syr. res. Irk. obl.* no. 4:168-171 '65.
Practical importance of simultaneous instillation of atropine combined with adrenaline to accelerate the complete paralysis of accommodation for near vision. M. M. Kurbanova. *Trudy Azerb. nauch.-issl. inst. oft.* 4:92-94 '65.
Votchal, B. E. [Essays on clinical pharmacology] *Ocherki klinicheskoi farmakologii.* Moskva, Gos. izd-vo med. lit-ry, 1963, 413 p. (RPB)
- PHARMACOLOGY—ABSTRACTS**
[Pharmacology, Chemotherapeutics, Toxicology] *Ref. zhur.: Farm. Khimioterap. sred. Toks. Avtorskii ukazatel' za 1965 g.*
- PHARYNX**
The lymphatics of the pharynx. I. N. Andrushin. *Arkh. anat., gist. i embriol.* 50 no. 3:67-73 Mr '66.
- PHASE RULE AND EQUILIBRIUM**
Applying the theory of regular solutions in preparing constitutional diagrams for the system Fe - C. Report No. 2, D. M. Laptov. *Izv. vyz. ucheb. zav. i khim. met.* 9 no. 6:25-33 '66.
Constitutional diagram of the system $MnO-Al_2O_3$ and the thermodynamic properties of $MnAl_2O_4$. L. M. Lenev, I. A. Novoskatskii. *Izv. AN SSSR. Met.* no. 3:73-78 My-Je '66.
[Constitutional diagrams of metal systems published in 1963 (no. 6)] *Diagrammy sostoiyeniya metallicheskikh sistem, opublikovannyye v 1963 godu (vypusk 6)* [By] L. P. Grankova, R. S. Mints i L. A. Petrova. *Pod red. N. V. Ageeva.* Moskva, Proizvodstvenno-izdatel'skii kombinat VINTI, 1966, 277 p.
Equilibrium in the system $K_2Cu(SO_4)_2 - K_2Zn(SO_4)_2 - H_2O$ at 0°. O. S. Soboleva, A. E. Reznikova. *Izv. SO AN SSSR no. 3. Ser. khim. nauk* no. 1:53-56 '66.
- Equilibrium in the system $KCl + Na_2CO_3 + NaCl + K$. N. I. Berdichevskii, A. G. Morachevskii. *Zhur. prikl. khim.* 39 no. 5:1037-1041 My '66.
- Equilibrium of ferrites with a gas phase. Part 2. T. I. Bulgakova, O. S. Zaitsev, A. G. Rozanov. *Zhur. fiz. khim.* 40 no. 5:1099-1101 My '66.
- High-temperature metallography of the kinetics of bainite transformation in low-alloyed steel. V. A. Dubrov. *Fiz. met. i metalloved.* 18 no. 1:78-82 Ji '64.
- High-temperature X-ray study of γ -brass. V. D. Melikhov, A. A. Prensniakov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 15:131-139 '66.
- Isothermal cross section of the ternary system Fe - V - C at 500°C. I. U. V. Girdim, I. D. Lykhin, T. F. Fedorov. *Izv. vyz. ucheb. zav. i khim. met.* 9 no. 6:156-160 '66.
- Kinetics of isomorphous transformations in iron-rhodium alloys. E. I. Estrin. *Izv. AN SSSR. Met.* no. 3: 150-155 My-Je '66.
- Kinetics of the interstitial transformation in chromium-nickel-manganese steels. G. V. Korotushenko and others. *Fiz. met. i metalloved.* 20 no. 6:927-930 D '65.
- Liquid - gas phase equilibrium in the system $ZrCl_4 - HCl_4$. N. D. Denisova, T. F. Sefronov. *Dokl. AN SSSR* 166 no. 4:814-816 Je '66.
- Liquid - liquid phase equilibrium in four-component systems. M. V. Aleksandrova and others. *Zhur. prikl. khim.* 39 no. 5:1041-1049 My '66.
- Phase constitution and aging of alloys in the system Al - Cu - Mn - Cd. M. E. Dvits, E. M. Padachnova. *Izv. AN SSSR. Met.* no. 3:165-171 My-Je '66.
- Phase equilibrium in the system Ti - Co - Si. V. I. Markiv, E. I. Gladyshevskii, T. I. Federuk. *Izv. AN SSSR. Met.* no. 3:179-182 My-Je '66.
- Phase transformations in alloys of the system Cd - Sb. V. I. Pasarev, K. A. Dobryden'. *Fiz. met. i metalloved.* 18 no. 1:47-54 Ji '64.
- Structural changes in the G19 iron-manganese alloys during phase $\gamma \leftrightarrow \alpha$ transformations. R. Sh. Shkhar and others. *Fiz. met. i metalloved.* 20 no. 6:908-914 D '65.
- Studying $\alpha \rightarrow \gamma$ transformations by changes of texture. A. S. Kagan, I. P. Sorokin. *Fiz. met. i metalloved.* 20 no. 6:889-893 D '65.
- Studying the decomposition of the zinc-supersaturated β -phase in the system copper - zinc. V. V. Chervinskaya, Zh. A. Ashritimov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 15:126-130 '66.
- Studying the properties of γ -brass. V. D. Melikhov, I. U. F. Kluchnikov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 15:82-87 '66.
- Theory of the effect of pressure on the decomposition of austenite in hypoeutectoid steel. B. I. Likhov, V. G. Tsygankova. *Izv. AN SSSR. Met.* no. 3:105-112 My-Je '66.
- Thermodynamic calculation of a constitutional equilibrium diagram iron - carbon. I. U. S. Kuznetsov, V. A. Kozhevnikov. *Izv. vyz. ucheb. zav. i khim. met.* 9 no. 6:12-18 '66.
- PHENALENONE—SPECTRA**
Infrared spectra and structure of perinaphthindeneone and its derivatives. O. E. Smolepin, I. U. A. Zhdanov. *Zhur. struk. khim.* 7 no. 2:210-217 Mr-Apr '66.
- PHENETHYLAMINE—TOXICOLOGY**
Effect of apomorphine on the toxicity of adrenaline and phenamine. M. L. Belen'kii, M. Vitolina, R. Vitolina. *Bul. eksp. biol. i med.* 61 no. 5:70-72 My '66.
- PHENOLASES**
Change in the polyphenoloxidase and peroxidase activity following gamma irradiation of plants with different radiosensitivity. A. M. Kuzin, N. P. Korolev. *Radiofizika* 6 no. 3:464-469 '66.
- PHENOLOGY**
(see also subdivision under *Gorno-Altai Autonomous Province; Gorno-Altaysk*)
Characteristics of the seasonal development of birch. N. G. Kharkin. *Priroda* 55 no. 7:125-127 '66.
40th anniversary of the Volunteer Phenological Network of the U.S.S.R. G. E. Shul'ts. *Izv. Vses. geog. ob-va* 96 no. 2:173-177 Mr-Apr '66.
- PHENOLPHTHALEIN**
Change in some properties of phenolphthalein and thymolphthalein as a result of plastic deformation under high pressure. M. G. Gontigberg, A. A. Petrov, D. N. Anell. *Izv. AN SSSR. Ser. khim.* no. 6:1090-1091 '66.
- PHENOLS**
Effect of alpha dinitrophenol hyperthermia on the reactivity of the body. A. G. Alekperov. *Azerb. med. zhur.* 43 no. 4:37-40 Apr '66.
Experimental analysis of the nature of relationship between the toxic resistance of rainbow trout and its age and weight using the model of phenol poisoning. V. I. Lukhanenko, B. A. Florov. *Vop. ikht.* 6 no. 2: 375-380 '66.
Odorous substances from alkylphenols. Part II: Alkylation of phenol and cresols by 2-methyl-1-pentene. A. S. Podberedina, L. A. Khelitsa. *Zhur. org. khim.* 2 no. 4:862-866 Apr '66.

- PHENOLS (Continued)**
Oxa compounds. Part 6: A. V. El'tsov, V. I. Minkin, I. Iu. Tsereteli. *Zhur. org. khim.* 2 no. 4:620-627 Ap '66.
- Phenols and carbonyl compounds in fish modeling objects during smoke and smokeless curing. V. P. Skachkov. *Izv. vyz. ucheb. zav. pishch. tekhn.* no. 3:59-62 '66.
- Studying the polyphenol complex of cocoa beans. O. A. Kharlamova. *Khleb. i kond. prom.* 10 no. 5:17-20 My '66.
- Synthesis of dialkyl thiophenols. A. M. Kuliev, A. B. Kuliev, F. N. Mamedov. *Azerb. khim. zhur.* no. 2:3-6 '64.
- PHENYLENE GROUP**
Certain features of polyphenylene ethyl oxidation in solutions. G. S. Kolesnikov, A. E. Chuchin, B. I. Boev. *Vysokom. seed.* 8 no. 6:1085-1088 Je '66.
- PHILIPPINES—POLITICS AND GOVERNMENT**
Philippines: Nationalism or Americanism? William J. Pomeroy. *Az. i Afr. seg.* 9 no. 6:30-31 Je '66.
- PHILOSOPHY**
(see also subdivision under Ukraine)
Engels, Friedrich. [The holy family or, Critique of critical critique against Bruno Bauer and company. Translated from the German] *Sviat. simelstvo, abo krytyka krytychnoi krytyky proty Bruno Bauera i kompanii.* Kyiv, Derzh. vyd.-vo polit. lit.-ry URSR, 1958, 228 p. (CuU)
- Irkutsk Gosudarstvennyi pedagogicheskii institut. [Collection of postgraduate papers: philosophy, history, and literary studies] *Sbornik aspirantskikh rabot: filosofiya, istoriya, literaturovedenie.* Irkutsk, 1964, 274 p. (CSU-II)
- Philosophical thought of the West in the era of Marxism. John Lewis. *Vop. filos.* 20 no. 5:80-91 '66.
- PHILOSOPHY—BIBLIOGRAPHY** see Bibliography—Philosophy
- PHILOLOGITE**
Breakdown of philogopite at high pressures and temperatures. V. K. Markov and others. *Izv. AN SSSR. Ser. geol.* 31 no. 6:10-20 Je '66.
- Relation between the infrared absorption value and the basal interplane distances in philogopites. M. S. Metelski, T. I. Shishelova, V. A. Llopo. *Zhur. prikl. spekt.* 4 no. 5:464-466 My '66.
- PHONEMICS**
Petrovskii, R. G. [Modeling of phonological systems and methods for comparing them] *Modelirovaniye fonologicheskikh sistem v metodykh sravnenii.* Moskva, Nauka, 1966, 299 p. maps fold (in pocket)
- PHONOGRAPH IN EDUCATION**
The use of magnetic phonographs and diaphonic projectors in Russian language classes for the foreign students of preparatory faculties. Zh. V. Ganiev. *Russ. iaz. dia. stud. inostr.* no. 1:47-60 '65.
- PHONONS**
Characteristics of phonon drag during a supersonic electron drift. V. P. Kalashnikov. *Fiz. met. i metalloved.* 18 no. 1:3-9 Ji '64.
- Interaction between impurity particles through a phonon field. V. R. Nagibarov, I. A. Nagibarova. *Opt. i spekt.* 20 no. 5:814-822 My '66.
- Spin-phonon interaction in yttrium ferrite (excitation of magnetoelastic waves by ultrasound). G. A. Smolenskii, A. Nasyrov. *Izv. AN SSSR. Ser. fiz.* 30 no. 6:998-1001 Je '66.
- PHOSPHATASES**
Action of alkaline phosphatase in the tissues of the central nervous system of rats and transplanted ependymoblastoma at various stages of its development. N. G. Fain. *Arkh. anat., gist. i embr.* 50 no. 3:93-100 Mr '66.
- Changes in the activity of nonspecific phosphatases in the liver of some mammals following the administration of carcinogens. B. I. Verelkina. *Arkh. anat., gist. i embr.* 50 no. 5:111-115 My '66.
- Effect of hydrolytic enzymes on so-called pseudoterminal groups of DNA. O. S. Kistina, I. I. Nikol'skaja, T. I. Tikhonenko. *Dokl. AN SSSR* 168 no. 4:944-946 Je '66.
- Phosphatase activity of the roots of some plants and the effect of micro-organisms on it. E. K. Dubovenko. *Fiziol. rast.* 13 no. 3:520-521 My-Je '66.
- PHOSPHATES**
Effectiveness of the Kashpir phosphorite meal and superphosphate obtained from it, and sulfuric waste from the Syzran' Sulfate Processing Plant. A. G. Markovskii, M. P. Markovskaia. *Izv. Kuib. SKH* 17:116-120 '65.
- PHOSPHATIDES**
Bach Lecture. *Vest. AN SSSR* 36 no. 6:135 Je '60.
- Complex lipids. Synthesis of α -(β , β -diacetoxy) glycerylphosphoryl-(1-methylino)ethanolamino-N-alanine. A. V. Luk'ianov and others. *Zhur. ob. khim.* 36 no. 6:1031-1033 Je '66.
- PHOSPHINE**
Electron diffraction study of the structure of dimethyl-dichlorophosphine and dimethylamidodichlorophosphine oxide molecules in the vapor state. L. V. Vilkov, L. S. Kheikin. *Dokl. AN SSSR* 168 no. 4:810-813 Je '66.
- Nature of the active center in anionic polymerization of acrylonitrile with triethylphosphine. E. V. Kochetov, A. A. Berlin, N. S. Enikolopov. *Vysokom. seed.* 8 no. 6:1022-1027 Je '66.
- Organic insectofungicides. Part 57: Reaction of dithiophosphoric acid esters with tertiary aliphatic phosphines. N. N. Mel'nikov, N. N. Tuturina, B. A. Khas-khin. *Zhur. ob. khim.* 36 no. 6:1082-1086 Je '66.
- Reaction of alkylidichlorophosphines with diamine esters of oxalic acid. G. I. Derkach, Iu. V. Piven'. *Zhur. ob. khim.* 36 no. 6:1087-1090 Je '66.
- PHOSPHINIC ACID**
 β -Phosphinated vinyl esters of carboxylic acids. G. B. Postnikova, A. S. Kostuk, I. F. Lutsenko. *Zhur. ob. khim.* 36 no. 6:1129-1133 Je '66.
- Synthesis of organosilicon esters of α - and β -chloroalkyl (aryl) phosphinic acids. Interaction of bis trialkylsilyl chloromethyl phosphinates with sodium triethylsulfonate. N. P. Orlov, V. P. Milesh-kevich, V. M. Valburg. *Zhur. ob. khim.* 36 no. 6:1075-1078 Je '66.
- PHOSPHINOTHIOIC ACID**
Diethylthiophosphinous acid esters. V. D. Akimushin, N. I. Ryzpotozhenskii. *Dokl. AN SSSR* 168 no. 4:807-809 Je '66.
- PHOSPHITES**
Determining phosphite-ion in a mixture with hypophosphites and large quantity of calcium phosphate. V. M. Masalovich, L. A. Tarakanova, P. I. Mikhaitina. [Trudy] UNIKHIM no. 11:95-97 '61.
- PHOSPHONAMIDIC ACID**
Synthesis of mixed esters of α -amidophenylphosphorous acid. P. A. Kirpichnikov, M. V. Ivanova, I. A. Guryev. *Zhur. ob. khim.* 36 no. 6:1147-1149 Je '66.
- PHOSPHONIUM COMPOUNDS**
Aroylodimethyltriphenyl phosphonium bromides, aroylodimethyl-ene-, and aroylthiocyanomethyl-ene-triphenylphosphoranes. A. A. Grigorovko, M. I. Shevchuk, A. V. Dombrovskii. *Zhur. ob. khim.* 36 no. 6:1121-1124 Je '66.
- Synthesis of some phosphonium salts and 1,5-diphenyl-1,3-pentadienes based on chloroaryl butenes. N. I. Ganyushchak and others. *Zhur. ob. khim.* 36 no. 6:1150-1153 Je '66.
- PHOSPHORANE**
Aroylodimethyltriphenyl phosphonium bromides, aroylodimethyl-ene-, and aroylthiocyanomethyl-ene-triphenylphosphoranes. A. A. Grigorovko, M. I. Shevchuk, A. V. Dombrovskii. *Zhur. ob. khim.* 36 no. 6:1121-1124 Je '66.
- Synthesis of 1-C-substituted galactooctuloses. Iu. A. Zhdanov and others. *Zhur. ob. khim.* 36 no. 6:1025-1029 Je '66.
- PHOSPHORESCENCE**
Effect of a carrier on the quenching of phosphorescence of tryptophan by oxygen. I. A. Zakharov, V. B. Alek-sievskii. *Zhur. fiz. khim.* 40 no. 5:985-991 My '66.
- PHOSPHORIC ACID**
Determination of small amounts of phosphorous and phosphoric acids. V. M. Masalovich, P. K. Agaslan, E. R. Nikolaeva. *Zav. lab.* 32 no. 5:519-520 '60.
- Photocolorimetric determination of large quantities of fluosilicic and phosphoric acids in the presence of hydrofluoric acid. A. A. Moshkina, I. G. Kozlova. [Trudy] UNIKHIM no. 11:96-99 '64.
- Rapid titrimetric method of determining a sulfate ion in phosphoric acid with the indicator nitchromazo. N. N. Basargin, N. A. Nikitina. *Zav. lab.* 32 no. 5:517-519 '66.
- PHOSPHORODITHIOIC ACID**
Arylation of O, O-dialkylidithio phosphates. N. I. Zemlanskii, O. A. Prib, L. V. Glushkova. *Zhur. ob. khim.* 36 no. 6:1118-1121 Je '66.
- Organic insectofungicides. Part 57: Reaction of dithiophosphoric acid esters with tertiary aliphatic phosphines. N. N. Mel'nikov, N. N. Tuturina, B. A. Khas-khin. *Zhur. ob. khim.* 36 no. 6:1082-1086 Je '66.
- PHOSPHOROUS ACID**
Determination of small amounts of phosphorous and phosphoric acids. V. M. Masalovich, P. K. Agaslan, E. R. Nikolaeva. *Zav. lab.* 32 no. 5:519-520 '60.
- Nucleophilic substitution in the series of phosphorous acid derivatives. Part 1: Kinetics of dialkylphosphoryl chloride hydrolysis. A. A. Naimysheva, I. L. Knuksants. *Zhur. ob. khim.* 36 no. 6:1060-1068 Je '66.
- Synthesis of alkyl(dialkyl)pyrocatechol phosphites. P. A. Kirpichnikov, L. M. Popova, G. I. A. Richmond. *Zhur. ob. khim.* 36 no. 6:1113-1117 Je '66.
- PHOSPHORUS**
Chromatographic method of determining total phosphorus in hypophosphites. A. K. Kutarkina, A. M. Sirina. [Trudy] UNIKHIM no. 11:93-94 '64.
- PHOSPHORUS—EFFECT ON PLANTS** see Plants, Effect of phosphorus on
- PHOSPHORUS ACIDS**
Nucleophilic substitution at the tetrahedral phosphorus atom. Part 2: General aspects of the kinetics of alkaline hydrolysis of phosphorus acid derivatives. S. M. Blazkov and others. *Zhur. ob. khim.* 36 no. 6:1099-1104 Je '66.
- Reactivity of phosphorus acid half esters in the reaction of addition to acrylonitrile. A. N. Pukovskii, T. M. Solov'eva. *Zhur. ob. khim.* 36 no. 6:1113-1116 Je '66.
- PHOSPHORUS HYDRIDES**
Synthesis of organophosphorus compounds starting from phosphorus hydrides. Part 5: Reaction of hexafluoroacetone with phosphorus and arsenic hydrides. A. B. Braker, E. I. Grubshstein, I. Z. Solov'yakii. *Zhur. ob. khim.* 36 no. 6:1133-1134 Je '66.
- Synthesis of organophosphorus compounds starting from phosphorus hydrides. Part 6: Reaction of tetrafluoroacetone with phosphorus hydrides. E. I. Grubshstein, A. B. Braker, I. Z. Solov'yakii. *Zhur. ob. khim.* 36 no. 6:1139-1141 Je '66.
- PHOSPHORUS INDUSTRY—EQUIPMENT AND SUPPLIES**
Automatic control of the charge-feed system of phosphorus furnaces. A. B. Barham, M. A. Samoilovich. *Mekh. i avtom. proizv.* 20 no. 6:3-9 Je '66.
- PHOSPHORUS ORGANIC COMPOUNDS** see Organic phosphorus compounds
- PHOSPHORUS OXIDES**
Reaction of α -H-fluorocarboxylic acids with phosphoric anhydride. I. L. Knuksants and others. *Izv. AN SSSR. Ser. khim.* no. 6:1111-1114 '66.
- PHOSPHORYLATION**
Colomine glycerophosphites and phosphonates. E. E. Nifant'ev, A. P. Taras, V. V. Tsvetkov. *Zhur. ob. khim.* 36 no. 6:1124-1128 Je '66.
- Effect of halophenoxy acids on the cyclic photosynthetic phosphorylation. D. I. Chikanov, V. I. Kostina, D. E. Gertsanskii. *Khim. v sel. khoz.* 4 no. 2:50-54 F '66.
- Oxidative phosphorylation and calcium absorption by the mitochondria of pea sprouts. T. M. Buhacheva, H. Zh. Azimuratova. *Fiziol. rast.* 13 no. 3:446-452 My-Je '66.
- Phosphorylation of rubbers. G. F. Nebikh, V. S. Likhova, S. I. Vol'kovich. *Zhur. prikl. khim.* 39 no. 5:1130-1140 My '60.
- PHOTOCHEMISTRY**
Kinetics and possible mechanism of oxygen photo-oxidation on zinc oxide. Iu. P. Solonitsyn. *Kin. i kat.* 7 no. 3:480-488 My-Je '66.
- Mass spectrometric study of the photoactivation of adsorbed molecules on the surface of zinc oxide and magnesium oxides. A. A. Lanchenko, E. I. Vilenov. *Vest. LGU* 21 no. 10:30-35 '66.
- Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part 3: Photochemical oxidation of propane in the presence of Br₂. A. I. Porolkova, V. V. Vovvodskii, A. B. Naibandian. *Arm. khim. zhur.* 10 no. 2:86-110 '66.
- Photochemical chlorination of n-butane and butyl chlorides. A. I. Gerasimovich, V. M. Kostuchenko. *Zhur. prikl. khim.* 39 no. 5:1100-1106 My '60.
- Photochemical oxidation of benzene in the vapor phase at room temperature. G. L. Grigorov, A. A. Mon-tanidan, A. B. Naibandian. *Arm. khim. zhur.* 10 no. 2:110-116 '66.
- PHOTOCONDUCTIVITY**
Effect of gallium, indium, and thallium on the spectral distribution of the inner photoeffect of vitreous arsenic selenide. V. I. Kruplov, A. I. Bobrov. *Vest. LGU* 21 no. 10:125-128 '66.
- Effect of water vapors on the electric conductivity, photoconductivity, and photo-entomotive force of copper polyphenylacetylide. V. S. Myl'nikov. *Zhur. fiz. khim.* 40 no. 5:979-984 My '66.
- Temperature investigations of the electric conductivity and photoconductivity of monohalo-substituted benzenes. R. G. Romanova. *Zhur. fiz. khim.* 40 no. 5:1102-1105 My '66.
- PHOTOELECTRIC CELLS**
Use of selenium photocells in the measurement of varying light flux. A. M. Fomina. *Svetotekhnika* 12 no. 6:24-26 Je '66.
- PHOTOELECTRIC MEASUREMENTS**
Photorelay system in an automatic line. A. T. Agapov. *Mekh. i avtom. proizv.* 20 no. 6:26-28 Je '66.
- PHOTOELECTRIC MULTIPLIERS**
Fluctuation of an electron stream in a photoelectric multiplier. V. G. Vygon. *Radioelek. i elektron.* 11 no. 7:1295-1302 Ji '66.
- PHOTOELECTRIC MULTIPLIERS—NOISE**
Noise and stability of photoelectric multipliers. V. V. Volina, I. I. Lomonosov. *Radioelek. i elektron.* 11 no. 8:145-147 Je '66.

PHOTOELECTRICITY

- Electrical modulation of photo e.m.f. during longitudinal photoeffect. T.G. Averbukh and others. Radiotekhn. i elektron. 11 no.7:1285-1294 J1 '66.
- Spectral manifestations of electron transfer between adsorbed molecules and the titanium dioxide surface. I.U. D. Pimenov, V.E. Kholmogorov. Vest. LGU 21 no.10:21-25 '66.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

- [Photographic and motion-picture equipment] Ref. zhur.: Fotokhimiya, no.5 My '66.

PHOTOMETERS

- Photometric apparatus for pulsating light sources. A.A. Volkovskiy and others. Svetotekhnika 12 no.6:22-24 Je '66.

PHOTOMETRY

- Photometric determination of aluminum microimpurity in titanium and titanium tetrachloride. G.I.A. Ignatyuk, V.A. Nazarenko. Zav. lab. 32 no.5: 510-512 '66.
- Problems of the design of integrating photometers and the EI-1 impulse-type exposure meter. V.G. Baryshnikov. Svetotekhnika 12 no.6:17-21 Je '66.
- Use of selenium photocells in the measurement of varying light flux. A.M. Fomina. Svetotekhnika 12 no.6:24-26 Je '66.

PHOTOMETRY, ASTRONOMICAL

- Photometry of the galaxy NGC 2411. B.P. Artamonov, B.A. Vorontsov-Vel'iaminov, E.A. Dibai. Astron. zhur. 43 no.3:557-559 My-Je '66.

PHOTONS

- Effect of the polarization of a medium on the development and energy characteristics of electron-photon showers. A.K. Bakhitov, I.P. Ivanenko. Izv. vuz. fiz. 4 no.1:161-164 J1 '66.
- Method for determining the probability of survival of light quanta in powdered scattering systems. G.K. B'lich. Zhur. prikl. spekt. 4 no.5:459-462 My '66.
- Polarization state of bosons having no rest mass. I.U. A. Popov. Trudy Un. druzh. nar. 11 Fiz. no.1:113-117 '65.
- Theory of "photon echo." O.L. Ivov. Vest. LGU 21 no.10:149-151 '66.

PHOTONUCLEAR REACTIONS

- Dependence of the asymmetry of the photofission of ^{235}U on maximum energy of bremsstrahlung. M.I.A. Kondrat'ko, K.A. Petrukhin. Atom. energ. 20 no.6:514-516 Je '66.
- Identification of energy levels in light nuclei based on disintegration cross sections. R.I. Dzhibuti, V.I. Mamasakhlisov, T.S. Macharadze. Izv. vuz. fiz. 4 no.1: 52-56 J1 '66.

PHOTOPERIODISM

- Modern trends in the study of photoperiodism in plants. L.L. Aerov, M.A. Lihyts'kiy. Ukr. bot. zhur. 23 no.3: 3-12 '66.
- Photomorphogenetic reactions of plants as related to the alternation of strong and weak light. I.A. Shal'gin. Fiziol. rast. 13 no.3:398-405 My-Je '66.

PHOTOSYNTHESIS

- Akademika nauk SSSR. Nauchnyy sovet po kompleksnoi probleme "Fotosintez, I" [Highly productive systems of photosynthesis] Fotosintez i fotosinteticheskiye sistemy vysokoi produktivnosti. Moskva, Nauka, 1966. 222 p.
- Intensity of photosynthetic processes and respiration in sugar beet plants as related to polyploidy. N.G. Shestopalova. Uch. zap. KHGU 140:160-170 '63.
- Light and temperature curves of the evolution of $\text{C}_{45}\text{H}_9\text{O}_6$. G.A. Sanadze, A.N. Kalandadze. Fiziol. rast. 13 no.3:458-461 My-Je '66.
- Metabolic aspects of the transient states of photosynthesis during the induction period. A.T. Mokronosov, G.F. Nekrasova. Fiziol. rast. 13 no.3:385-397 My-Je '66.
- Photochemical activity of isolated chloroplasts from chlorine-poisoned and intact potato plants. M.N. Goncharik, V.M. Ivanchenko. Fiziol. rast. 13 no.3:420-432 My-Je '66.

PHOTOSYNTHESIS—RESEARCH

- Work with pin-chambers in determining the intensity of photosynthesis. I.U. V. Krylov. Fiziol. rast. 13 no.3: 541-545 My-Je '66.

PHOTOTELEGRAPHY—EQUIPMENT AND SUPPLIES

- Wider use of "Aragvi" phototelegraph apparatus. E.L. Kalitskiy, V.P. Leontovich. Vest. svyazi 20 no.4: 21-23 Ap '66.

PHTHALIC ACID

- Dialkyl phthalates as stationary phases for gas chromatography. A.G. Shkvyrtin, M.A. Vigdergauz. Zhur. anal. khim. 21 no.5:625-629 '66.

- Dimethyl phthalate and diethyl phthalate as substitutes of clove oil in histological technique. E.M. Gendler. Arkh. anat., gist. i embri. 50 no.3:105 Mr '66.
- Spectrophotometric determination of phthalic acids and their dimethyl esters in sulfuric acid. A.I. Lazarev. Zhur. anal. khim. 21 no.5:633-636 '66.

PHTHALIC ANHYDRIDE

- Developing the methods of efficient technology for conducting the process of oxidation of o-xylene to phthalic anhydride. V.S. Aliev, M.I. Rustamov, E.M. Seid-Rzayeva. Azerb. khim. zhur. no.2:7-14 '64.

PHTHALOCYANINES—SPECTRA

- Spectral-luminescence study of the ionization of phthalocyanines. T.I. Strelkova, G.P. Gurbovich, G.N. Shinkov. Zhur. prikl. spekt. 4 no.6:429-433 My '66.

PHTHIVAZIDE—PHYSIOLOGICAL EFFECT

- Results of the experimental study of a phtivazide-resistant strain of HCC. L.I. Nal'dinsson, A.M. Rozenberg. Zhur. mikrobiol., epti. i immun. 43 no.5: 73-78 My '66.

PHYLOGENY (BOTANY)

- Grossgeim, A.A., and M.F. Sakhokha. [A review of the latest systems of flowering plants] Osnov novykh sistem tsvetkovykh rastenii. Red. i predisl. M.F. Sakhokha. Tbilisi, Metsnereba, 1966. 198 p. diagr. (Insert)

PHYSICAL AND THEORETICAL CHEMISTRY see Chemistry, Physical and theoretical

PHYSICAL EDUCATION AND TRAINING

- Characteristics of the educational work with young sportsmen. N.M. Bogatyrev. Teor. i prakt. fiz. kul't. 29 no.6:2-5 Je '66.
- From the annals of the Soviet physical education movement, 1917-1927. Teor. i prakt. fiz. kul't. 29 no.6: 14-15 Je '66.
- Physical culture and sports in a five-day workweek. I.U.S. Tarabykin. Teor. i prakt. fiz. kul't. 29 no.6:5-7 Je '66.
- Physical education for students of vocational and technical schools. R.P. Luk'ianova. Teor. i prakt. fiz. kul't. 29 no.6:8-10 Je '66.
- Planning preparatory teaching work. V.P. Golubev. Teor. i prakt. fiz. kul't. 29 no.6:68-70 Je '66.
- Proposal for the improvement of standard requirements for the Soviet physical education system. S.L. Akse'yev. Teor. i prakt. fiz. kul't. 29 no.6:60-62 Je '66.
- Resolutions of the congress are being carried out. Teor. i prakt. fiz. kul't. 29 no.6:1 Je '66.
- Rest should be efficient. I. Vorona. Sols. trud 11 no.6: 80-81 Je '66.
- Scientific methodological work in the field of physical education in universities and colleges. N.V. Petrov. Teor. i prakt. fiz. kul't. 29 no.6:67-68 Je '66.

PHYSICAL EDUCATION AND TRAINING—TEACHER TRAINING

- For better organization of annual pedagogical camps. E.I. Gileb. Teor. i prakt. fiz. kul't. 29 no.6:70-71 Je '66.

PHYSICAL EDUCATION FOR CHILDREN

- Recovery period in children following physical exercises. V.M. Volkov. Teor. i prakt. fiz. kul't. 29 no.6:55-57 Je '66.

PHYSICAL FITNESS

- Standard requirements in physical fitness. N.I. Afanasyev, P.E. Bol'shev, N.F. Pashkovskiy. Teor. i prakt. fiz. kul't. 29 no.6:58-60 Je '66.

PHYSICAL GEOGRAPHY

- (see also subdivisions under Ama Darya Delta; Chuya Steppe; Georgia; Kazakhstan)
- Once more a few words about the geographical environment. S.V. Kalesnik. Izv. Vses. geog. ob-va 98 no.3: 247-250 My-Je '66.

PHYSICAL GEOGRAPHY—MAPS

- Engineering geographical map for regional planning. V.V. Maslennikova. Izv. Vses. geog. ob-va 98 no.3: 212-217 My-Je '66.

PHYSICAL THERAPY

- Profile of the physiotherapist. G.B. Katsnel'son. Vop. kur., fizioter. i lech. fiz. kul't. 31 no.2:179-181 Mr-Ap '66.

PHYSICIANS

- Profile of the physiotherapist. G.B. Katsnel'son. Vop. kur., fizioter. i lech. fiz. kul't. 31 no.2:179-181 Mr-Ap '66.

PHYSICS

- [Handbook on elementary mathematics, mechanics and physics] Spravochnik po elementarnoi matematike, mekhanike i fizike. Izd. 9. Minsk, Nauka i tekhnika, 1966. 200 p.

- Kuznetsov, B.G. [Development of physical ideas from Galileo to Einstein in the light of modern science] Razvitiye fizicheskikh idei ot Galileia do Einsteina v svete sovremennoi nauki. 2. izd. Moskva, Nauka, 1966. 517 p.

- [Theory of relativity and high energy physics] Participants in the discussion: V.V. Vladimirovskiy and others] Teoriya otноситel'nosti i fizika vysokikh energii. V soedee uchastvuyut: V.V. Vladimirovskiy i dr. Moskva, Znaniye, 1966. 43 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no.12)

PHYSICS—ABSTRACTS

- [Physics] Ref. zhur.: Fiz. no.5 My '66.

PHYSICS—EXPERIMENTS

- Two demonstration lectures. V.A. Zore, A.I.A. Ashkin. Usp. fiz. nauk 89 no.1:161-163 My '66.

PHYSICS—METHODOLOGY

- So-called operational method in the physics of the 20th century. V.P. Branskii. Nuk. vop. metod. nauch. issl. no.1:93-100 '65.

PHYSICS—PROBLEMS, EXERCISES, ETC.

- Makovetskii, P.V. [Get at the root of it! Collection of curious problems and riddles] Smotri v koren'! Sbornik lyubopytnykh zadach i voprosov. Moskva, Nauka, 1966. 232 p.

PHYSICS—RESEARCH

- Discussion of the work of two Siberian institutes; at the out-of-town session of the Department of the Physico-technical Problems of Power Engineering. Vest. AN SSSR 86 no.6:83-86 Je '66.

- Problems facing the Institute of Theoretical Physics. I.M. Khalatnikov. Vest. AN SSSR 86 no.6:43-47 Je '66.

PHYSIOLOGICAL APPARATUS

- Automatic compensation of input capacitance in micro-electrode studies. I.I. Lossev, H.M. Meshcherskii, A.A. Rudskii. Zhur. vys. nerv. deiat. 16 no.3:554-557 My-Je '66.
- Automatic device for the collation of the alimentary and defensive reflexes in dogs. B.I. Davydov. Zhur. vys. nerv. deiat. 16 no.3:571-572 My-Je '66.
- Device for registering physiological parameters. A. Vloshnevskii, G. Nekarev. Radio no.5:53-55 My '66.
- Statistical machine analysis of the impulse activity of individual neurons. B.I.A. Platigorskii. Biol. eksp. mol. med. 81 no.6:114-118 Je '66.
- Technique for electrostimulation of facial muscles. E.P. Ogienko. Vop. kur., fizioter. i lech. fiz. kul't. 31 no.2: 178-177 Mr-Ap '66.

PHYSIOLOGICAL CHEMISTRY

- Afferent impulses in kidney nerves under the influence of some chemical substances. I.U.L. Pines. Trudy Inst. fiziol. 114:143-147 '65.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGICAL THERAPEUTICS see Therapeutics, Physiological

PHYSIOLOGY

- [Main problems of age-related physiology and biochemistry; transactions of the All-Union Symposium, Kharkov, 1963] Vvedeniye k problemam vozrastnoi fiziologii i biokhimi; trudy Vsesoyuznogo simpoziuma, Kharkov, 1963. Pod. red. V.N. Nikitina. Moskva, Meditsina, 1966. 388 p.

PHYSIOLOGY, COMPARATIVE

- Iaroslav, S.I.U. [Physiology of man and animals] Fiziologiya cheloveka i zhivotnykh. Kiev, Radlans'ka shkola, 1965. 381 p.

PHYSIOLOGY, PATHOLOGICAL

- Materials on the pathophysiological mechanisms of stammering. L.G. Voronin, V.M. Vasil'eva, I.U.D. Nekrasova. Zhur. nevro. i psikh. 66 no.5:773-781 '66.

- Pathology of homeostasis. N.N. Savitskii. Voen.-med. zhur. no.5:6-14 My '66.

PHYSOCHEMISTRY

- (see also subdivisions under Chita Province)
- Dynamics of the quantitative content of individual alkaloids in Physocarpus physaloides (L.) G. Don. V.A. Peshkova. Lek. i syr. res. Irk. obl. no.4:79-81 '65.
- Study of the flavonoid composition of Physocarpus physaloides (L.) G. Don. V.A. Peshkova. Lek. i syr. res. Irk. obl. no.4:72-77 '65.

PHYTOGEOGRAPHY

- Antiglacialism in phytogeography. G.E. Grossel. Biol. MOIP. Otd. biol. 71 no.2:147-150 Mr-Ap '66.

- PHYTOPATHOGENIC FUNGI** see Fungi, Phytopathogenic
- PHYTOPLAGIA—PARASITES** see Parasites—Phytophaga
- PHYTOPHTHORA—CULTURES AND CULTURE MEDIA**
see subdivision under Leningrad Province
- PIANO MAKERS** see subdivision under Erlvan
- PICRIC ACID**
Amino acids. Part 3: Aminoacetic acid picrates.
A.L. Remizov, Zhur.ob.khim. 36 no.6:1041-1045 Je '66.
- PIEZOELECTRICITY**
Comparing the jet piercing of quartz-containing rocks to the value of the piezoelectric effect. A.B. Uspenskaya, Fiz.-tekh.probl.razrab.pol.iskop. no.3:76-81 '65.
- PIGMENTS**
Pigment-forming mutants of *Escherichia coli* B/r.
M.N. Miasnik, Biol.MOIP.Otd.biol. 71 no.2:141-145 Mr-Apr '66.
Preparing spinel-type ceramic pigments of the NiO-Cr₂O₃ series. V.P. Pyrkov, Stek.i ker. 23 no.6:32-34 Je '66.
- PIKE PERCH** see subdivision under Aral Sea
- PILGRIMS AND PILGRIMAGES**
Eleginskaya, I.V. [A pilgrimage to the Holy Land in 1964] Pionnierschestvo na Sviatulu Zemlju v 1964 godu, New York, 1966, 87 p.
- PILING (CIVIL ENGINEERING)—TESTING**
In-situ tests of centrifuged shelled piles for flexure.
A.S. Marchenko, S.E. Gul'ko, Transp.stroi. 16 no.6:47-48 Je '66.
- PINACRYANOL—OPTICAL PROPERTIES**
Anomalous dispersion of the optical activity of complexes of deoxyribonucleic phage T2 acids with pinacryanol.
V.I. Permogorov, I.U.S. Lazurkin, Vysokom.sped. 8 no.6:1124-1131 Je '66.
- PINE**
(see also subdivision under Gorno-Altai Autonomous Province; Onon Valley; Pyshma Valley; Ural Mountain region; Ural Mountains)
Average form of pine trunks and the determination of the normal form factor. A.S. Golovachev, Izv.vys.ucheb.zav.; les.zhur. 9 no.2:18-21 '66.
Relation of the morphological indices of a pine to its resin productivity. T.A. Tereshina, Izv.vys.ucheb.zav.; les.zhur. 9 no.2:13-14 '66.
- PINE—DISEASES AND PESTS**
(see also subdivision under Buzuluk region, Orenburg Province)
Annual cycle of the development of the snow blight of pine as related to climatic conditions. I.S. Kossinskaya, Izv.vys.ucheb.zav.; les.zhur. 9 no.2:29-33 '66.
Physiology of pine infected with root rot. P.A. Potozhentsev, S.F. Negrutskii, Biol.Obr.v estestvoispyt. 13:75-82 '64.
- PINK SALMON**
Effect of climatic factors on the population dynamics of *Oncorhynchus gorbuscha* (Walb.). I.B. Birman, Vop.khik. 6 no.2:208-221 '66.
- PINK DISTRICT—RECLAMATION OF LAND**
Swamps of Pinsk District today and tomorrow. I. Bich, Part, zhizn' no.15:28-33 Ag '66.
- PIONEERS (COMMUNIST YOUTH)**
(see also subdivision under Moscow Province)
The D. M. Karbyshev Pioneer Unit. O. Volodin, Nar.obr. no.6:51-57 Je '66.
A jamboree of young Red Cross volunteers in Artek. E. Kiskova, Nar.obr. no.6:26 Je '66.
Moscow. Gorodskoi Sovet pionerskoi organizatsii. [Pioneer dawn] Pionerskie zori. [Izd. 2., dop. Moskva] Mosk. rabochii, 1966, 334 p.
Romantic style doesn't go with red-tapism. V. Lebedinskii, Nar.obr. no.7:64-66 Ji '66.
Vsesoiuznyi leninskii kommunisticheskii soluz molodezhi. [Tsentral'nyi komitet. Comrade; notebook of a Pioneer for the 1961/62 school year] Tovarishev; zapisnaya knizhka pionera na 1961/1962 uchebnyi god. [Moskva] Molodnaya gvardiia [1961] 334 p. (NNC-T)
- PIPE**
Nonmetal pipes. N.A. Karmazin, Stroi.mat. 12 no.2:17 F '66.
- PIPE—WELDING**
Automatic temperature regulation in induction pipe welding. I.M. Aronov, A.A. Kostenevich, Mekh.i avtom.proizv. 20 no.6:28-28 Je '66.
- PIPE, ASBESTOS-CEMENT**
Information on the project of provisional norms and technical specifications for designing and constructing underground gas pipelines, with working pressures up to 5 kg/cm², from asbestos-cement water pipes with internal protective coatings. V.V. Tarkhanov, Giaz.delo no.6:25-26 '66.
- PIPE, BRASS**
Manufacture of condenser brass tubes by new methods. S.S. Zuev, A.A. Titov, L.L. Rodionova, Energomashinostroenie 12 no.6:38-39 Je '66.
- PIPE, CONCRETE**
Decreasing unit expenditure of steam in the manufacture of reinforced concrete pipes. A.A. Voznesenskii and others, Prom.energ. 21 no.5:6-10 My '66.
- PIPE, PLASTIC—WELDING**
Welding polyethylene pipes. M. Bukharov, Tekh.v sel'khoz. 23 no.3:89-90 Mr '65.
- PIPE, STEEL**
Experience of long-term operation of austenitic steel steampipes in electric power plants abroad. V.N. Zemzin, R.Z. Shron, Energomashinostroenie 12 no.5:45-48 My '66.
- PIPE BENDING**
Determining the parameters of spring-back during the plastic bending of pipe. B.S. Bilebran, Kuz.-stroi.prom. 8 no.6:21-22 Je '66.
- PIPE FITTING**
Mikhael', S.I.U., and L.A. Benin. [Technology of fitting] Tekhnologiya armaturostroenii. Moskva, Mashinostroenie, 1966, 338 p.
- PIPE MILLS**
Contact surface of the metal with the rolls during tube piercing. V.I.A. Osadchii and others, Trudy MEI no.61 pt.1:123-138 '65.
Elastic turning of a strip following its exit from the stand of a continuous pipe forming mill. P.I. Polukhin, S.P. Kapov, V.A. Rymov, Trudy MEI no.61 pt.1:233-237 '65.
Lamination of the process of producing large-diameter pipe on machines of electric-arc welding under flux. G.Z. Tarkhanovskii, A.M. Gargulla, Met.i gornorud.prom. no.3:40-43 My-Je '66.
Shevkin, I.U.F., and F.S. Seidalleev. [Cold pipe rolling mills] Slany khodolnoi prokatki trub. [Moskva] Metalurgiya, 1966, 210 p.
Rolling of bimetallic steel-copper tubes on continuous tube-rolling mills. M.I. Chuprko and others, Met.i gornorud.prom. no.3:38-40 My-Je '66.
- PIPE MILLS—DESIGN AND CONSTRUCTION**
Automation and radical reorganization of pipe rolling mills. V.I.A. Osadchii and others, Trudy MEI no.61 pt.1:33-66 '65.
- PIPE MILLS—EQUIPMENT AND SUPPLIES**
Experience in operating and trends in the design of equipment for the nonoxidizing resistance heating of pipe. B.I. Palei, Met.i gornorud.prom. no.3:43-46 My-Je '66.
- PIPE MILLS—MANAGEMENT** see subdivision under Ukraine
- PIPELINE TRANSPORTATION OF SOLIDS—ABSTRACTS**
[Pipeline transportation] Ref. zhur.: Trub.transp. no.5 My '66.
- PIPELINES**
Calculation of stress originating in the area of the connection of a cylindrical shell and a branch pipe. G.I. Fedenko, Energomashinostroenie 12 no.5:24-27 My '66.
Lilamin, A.A., and A.A. Skvortsov. [Calculation and design of heating networks] Proektirovanie i raschet konstruktivnykh setei. [Izd. 2., perer. i dop. Moskva, Stroiizdat, 1966, 205 p.
[Manual for studying the regulations on the technical operation of electric power stations and networks; Pipelines and feeding systems, steam turbine systems] Posobie dlia izucheniia pravil tekhnicheskoi eksploatatsii elektricheskikh stantsii i setei: Truboprovody i pitatel'nye ustanovki, paroturbinye ustanovki. Moskva, Energiia, 1966, 180 p.
Stability of pipelines laid in fills. B.M. Iasin, V.I. Chernikin, Transp.i khran.nefti i nefteprod. no.3:3-6 '65.
Tests of the flange connections of hydraulic turbine and pipeline components. G. Engleson, Energomashinostroenie 12 no.5:9-11 My '66.
- PIPELINES—BUILDINGS AND STRUCTURES**
Kartashev, G.I., and L.G. Tolegin. [Organizational and technical preparation of the construction of pipeline structures] Organizatsionno-tekhnicheskaya podgotovka stroitel'stva lineinykh i magistral'nykh truboprovodov. Moskva, Nedra, 1966, 51 p.
- PIPELINES—CLEANING**
Using sodium chloride for removing paraffin from a pipeline. P.I. Chudin, Transp.i khran.nefti i nefteprod. no.3:6 '65.
- PIPELINES—COMMUNICATION SYSTEMS**
Investigating transition processes in structures on a petroleum pipeline. A.L. Kaplan, Transp.i khran.nefti i nefteprod. no.3:8-10 '65.
- PIPELINES—CORROSION**
Effect of temperature on the protective properties of bitumen-based coatings. A.A. Enkov, Transp.i khran.nefti i nefteprod. no.3:13-15 '65.
Expenditure for protecting pipelines from acid corrosion. I.M. Kozlov, G.S. Kenechman, Giaz.delo no.6:26-31 '66.
- PIPELINES—FLUID DYNAMICS**
Hydraulic resistance in concurrent flow of gas and liquid in a nonhorizontal pipeline. A.K. Galimov, Trudy MINKHGP no.57:197-200 '66.
Method for calculating losses due to friction in the flow of a gas-liquid mixture in vertical pipes. R.S. Asadilov, V.A. Sukharov, Trudy MINKHGP no.57:208-215 '66.
- PIPELINES—MAINTENANCE AND REPAIR**
Major repairs of pipelines in the system of the Main Administration of the Enterprise for the Supply with Petroleum and Petroleum Products in the R.S.F.S.R. Z.I. Kontorovich, I.I. V. Krylov, Transp.i khran.nefti i nefteprod. no.3:10-13 '65.
- PIPELINES—SAFETY MEASURES**
Mathematical modeling of magnetic effects. S.M. Ruzhkovskii, B.M. Pelenko, Izv.vys.ucheb.zav.energ. 9 no.6:105-108 Je '66.
- PIPELINES—WELDING**
Bondar', V.Kh., and I.E. Masnyov. [Welding in construction and assembly operations] Svarka na stroitel'no-montazhnykh rabotakh. Kiev, Budivelnik, 1966, 64 p. (Peredovoi opyt stroitel'stva)
[Welding in construction] Svarka v stroitel'stve. [By] B.D. Matyshev i dr. Moskva, Stroiizdat, 1966, 558 p.
- PIPERIDINE**
Certain features in the structure of free iminoxyl radicals of the piperidine series. E.G. Rozantsev, E.N. Garmanova, Izv.AN SSSR Ser.khim. no.6:279-283 '66.
- PIROGOV, NIKOLAI IVANOVICH, 1810-1881**
Porudominskii, V.I. Pirogov. Moskva, Molodnaya gvardiia, 1965, 361 p. (Zhizn' zamechatel'nykh liudei. Ser. biografii) (MID)
- PISTACHIO—DISEASES AND PESTS** see subdivision under Soviet Central Asia
- PISTOL SHOOTING**
Do an i do. A. Gashchik, Voen.znan. 42 no.6:30-39 Je '73.
- PISTON RINGS**
Increasing the wear resistance of chromium plated piston rings. P.I. Zernakov and others, Izv.vys.ucheb.zav.; mashinost. no.4:50-63 '66.
- PISTON RINGS—TESTING**
Testing of graphite piston rings in the gas pistons of diesel engine fuel pumps. F.I. Ilditskii, P.G. Egorov, V.A. Komarov, Energomashinostroenie 12 no.6:35-38 Je '66.
- PITUITARY BASOPHILISM** see Cushing's syndrome
- PITUITARY BODY**
Percentage correlation of various types of adenophysis cells in female mice of the strains C3H and C57BL. V.I. Romanov, Biol.eksp.biol.i med. 61 no.5:116-118 My '66.
- PITWOOD—TRANSPORTATION**
Transportation of pitwood in containers. D. Gol'denveizer, Avi.transp. 44 no.8:10 Je '66.
- PLACENTA**
Some data on the effect of toxoplasmosis invasion into the placenta. Kh.M. Medzhidova-Mamedova, Azerb.med.zhur. 43 no.4:34-37 Ap '66.
- PLAGUE—MICROBIOLOGY**
Effect of the inoculation dose on the growth of the plague agent in the presence of streptomycin. L.N. Krasovskii, Antibiotiki 6 no.10:923-925 O '64.
- PLANETARY NEBULAE**
Possible method for studying the spatial structure of planetary nebulae. B.A. Vorontsov-Vel'iaminov, Astron.zhur. 43 no.3:691-692 My-Je '66.

PLANETS

- Akademii nauk USSR, Kiev, [Physles of the moon and planets] Fizika i uny i planet. Kiev, Naukova dumka, 1966, 100 p. (Respublikanskii mezhvedomstvennyi sbornik, Seriya: "Astronomiia i Astrofizika")
- Representation of the coordinates of planets by trigonometric series. V. A. Brumberg. Trudy ITA no. 11: 3-88 '66.

PLANT BREEDING

(see also subdivision under Kinel', Kuybyshev Province)

- Konstantinov, P. N. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1963, 608 p. illus., diagrs., facsim., tables. (RBP)

Study of interspecies hybrids *Helianthus annuus* L. x *H. tuberosus* L. E. I. Ustinova. Biol. MOIP, Otd. biol. 71 no. 2:100-106 Mr-Apr '66.

PLANT CUTTINGS

Practices in the propagation of the Norway spruce by cuttings in the northwestern U.S.S.R. L. A. Murygina. Izv. vys. ucheb. zav. les. zhur. 9 no. 2:48-50 '66.

PLANT INTRODUCTION

Introduction of *Sida hemaphrodita* in the Alma-Ata Botanical Garden. E. A. Belova. Vest. sel'khoz. nauki [Kazakh]. 9 no. 6:104-105 Je '66.

PLANT LICE

(see also subdivision under Ukraine)

Phloeomyzus passerinii Sign., a popular pest. P. A. Polozhentsev, L. A. Bulavin. Ochr. prir. Tsent. Chern. pol. no. 6:122-125 '64.

PLANT LICE—BIOLOGICAL CONTROL see subdivision under Alma-Ata region

PLANT LICE—EXTERMINATION

Systemic action of hexachlorocyclohexane on the pea aphid and its metabolism in insects. I. N. Sazonova, K. I. Kozlova, Khim. v sel'khoz. 4 no. 2:33-35 F '66.

PLANT PHYSIOLOGY

Akademii nauk DSSR, Minsk, Institut eksperimental'noi botaniki i mikrobiologii. [Physiological and biochemical studies on plants] Fiziol. i biokhimicheskie issledovaniia rastenii. Minsk, Nauka i tekhnika, 1965, 113 p.

Akademii nauk DSSR, Minsk, Institut eksperimental'noi botaniki. [Studies in plant physiology and biochemistry] Issledovaniia po fiziologii i biokhimii rastenii. Minsk, Nauka i tekhnika, 1966, 184 p.

PLANT TEMPERATURE

Heat balance and plant temperature. Z. A. Minchenko. Trudy GGO no. 190:41-57 '66.

PLANTERS (AGRICULTURAL MACHINERY)

(see also subdivision under Irkutsk Province)

Adjusting a planter to the rate of seeding. N. Orlov, I. Trapeznikov. Tekh. v sel'khoz. 23 no. 3:56-57 Mr '63.

Narrow opener of grain planters for sowing at increased speeds. N. I. Liubushko. Trakt. i sel'khoz. mash. no. 6: 32-34 Je '66.

Simplifying the regulation of furrow opener valves. V. Vasilenko. Tekh. v sel'khoz. 25 no. 3:88 Mr '65.

PLANTERS (AGRICULTURAL MACHINERY)—HYDRAULIC EQUIPMENT

Results of field tests of the hydraulic transmission to the active working parts of a planter-cultivator. K. F. Sheberbekov, E. B. Burtykin. Trakt. i sel'khoz. mash. no. 6:30-32 Je '66.

PLANTING TIME

Growth and development of spring barley as related to the planting time in unimproved dry areas. A. I. Titov. Vest. sel'khoz. nauki [Kazakh]. 9 no. 6:109-111 Je '66.

Planting time for peas in the dry steppe zone of Tselinograd Province. P. S. Skorebogatov. Vest. sel'khoz. nauki [Kazakh]. 9 no. 5:21-25 My '66.

Some characteristics of the formation of reproductive organs in spring wheat as related to various planting times and the use of fertilizers in brown Chestnut soils of Tselinograd Province. V. A. Kudryavtsev, V. M. Pastukhova. Vest. sel'khoz. nauki [Kazakh]. 9 no. 6:117-24 Je '66.

PLANTS—CHEMICAL ANALYSIS

(see also subdivision under Irkutsk Province)

Anatomical structure and histochemical study of *Anemone dioica* L. V. V. Petrova. Lek. i syr. res. Irk. obl. no. 4:55-62 '65.

Anatomical structure and histochemical study of the catchfly *Silene repens* patr. N. P. Kuznetsova. Lek. i syr. res. Irk. obl. no. 4:46-54 '65.

Anatomy and phytochemistry of *Stachys bifida* L. (Fisch.). M. P. Shumailova. Lek. i syr. res. Irk. obl. no. 4:32-45 '65.

Chemical study of *Delphinium crassifolium* Schrad. T. G. I. Akumina. Lek. i syr. res. Irk. obl. no. 4:107-115 '65.

Dynamics of the quantitative content of individual alkaloids in *Physocarpus physaloides* (L.) G. Don. V. A. Peshkova. Lek. i syr. res. Irk. obl. no. 4:78-81 '65.

Effect of mineral nutrition on the protein complex in sugar beets. E. A. Tonkal', E. P. Nannova, Khim. v sel'khoz. 4 no. 2:2-5 F '66.

Some data on the chemical composition of *Delphinium crassifolium* Schrad. Report No. 2. T. G. I. Akumina. Lek. i syr. res. Irk. obl. no. 4:116-126 '65.

Some materials on chemical study of individual types of nardosmia. V. I. Glyzin. Lek. i syr. res. Irk. obl. no. 4:63-71 '65.

Study of the flavonoid composition of *Physocarpus physaloides* (L.) G. Don. Lek. i syr. res. Irk. obl. no. 4: 72-77 '65.

PLANTS—DROUGHT RESISTANCE

Changes in the correlation of alternative paths of respiration in plants under conditions of drought. N. S. Petinova, A. A. Abrarov. Fiziol. rast. 13 no. 3:479-486 My-Je '66.

PLANTS—METABOLISM

Effect of preplanting treatment of seeds with succinic acid on the carbohydrate and phosphorus metabolism of corn. A. A. Zornitskii, A. M. Makeev. Biol. Osvestitel'skiy. 13:52-57 '64.

Effect of soil moisture on the processes of nitrogen and phosphorus metabolism in soybeans [Glycine hispida (Moench.) Maxim.] Maxim. I. K. S. Harnaba, O. P. Opanasenko. Ukr. bot. zhur. 23 no. 3:24-28 '66.

Oxidative conversions of organic acids in illuminated chloroplasts. Report No. 1: Comparison of oxidative processes involving oxalate and malonate. E. S. Mikhailova and others. Fiziol. rast. 13 no. 3:416-423 My-Je '66.

PLANTS—RESPIRATION

Changes in the correlation of alternative paths of respiration in plants under conditions of drought. N. S. Petinova, A. A. Abrarov. Fiziol. rast. 13 no. 3:479-486 My-Je '66.

Intensity of photosynthetic processes and respiration in sugar beet plants as related to polyploidy. N. G. Shestopalova. Uch. zap. KHGU 140:160-170 '63.

Some characteristics of the respiration of the shoots of hybrid corn and polyploid hybrid sugar beet. V. G. Shakhmatov, N. G. Shestopalova, L. V. Kotenko. Uch. zap. KHGU 140:34-38 '63.

Symposium on the oxygen transport in plants. A. L. Karsanov. Fiziol. rast. 13 no. 3:552-555 My-Je '66.

PLANTS—TRANSPIRATION

Total evaporation from the forest vegetation. D. I. L. Rauner. Izv. AN SSSR. Ser. geog. no. 3:17-29 My-Je '66.

PLANTS, CULTIVATED

[Plant culture] Ref. zhur.: Rast. no. 5 My '66. Avtor-ski ukazatel' za 1965 g.

PLANTS, EFFECT OF ACIDS ON

Ivanov, A. F., A. V. Ponomareva, and T. F. Dorlugin. [Relation of woody plants to the moisture and acidity of soils] Otnosheniia drevnykh rastenii k vlazhnosti i kislotnosti pochvy. Minsk, Nauka i tekhnika, 1966, 231 p.

PLANTS, EFFECT OF BUTANEDIAMINE ON

Stimulating and toxic effect of diamines on plants. N. I. Sheviakova. Fiziol. rast. 13 no. 3:522-524 My-Je '66.

PLANTS, EFFECT OF CALCIUM ON

Oxidative phosphorylation and calcium absorption by the mitochondria of pea sprouts. T. M. Buzina, R. Zh. Azimuratova. Fiziol. rast. 13 no. 3:446-452 My-Je '66.

PLANTS, EFFECT OF CHLORINE ON

Photochemical activity of isolated chloroplasts from chlorine-poisoned and intact potato plants. M. N. Goncharik, V. M. Ivanchenko. Fiziol. rast. 13 no. 3:429-432 My-Je '66.

PLANTS, EFFECT OF GAMMA RAYS ON

Change in the polyphenoloxidase and peroxidase activity following gamma irradiation of plants with different radiosensitivity. A. M. Kuzin, N. P. Korolev. Radiobiologia 6 no. 3:464-469 '66.

Effect of prolonged gamma irradiation on the physiological and biochemical processes and productivity of potatoes. A. I. Grochushnikov, V. S. Serebrennikov. Radiobiologia 6 no. 3:474-477 '66.

PLANTS, EFFECT OF MOISTURE ON

Ivanov, A. F., A. V. Ponomareva, and T. F. Dorlugin. [Relation of woody plants to the moisture and acidity of soils] Otnosheniia drevnykh rastenii k vlazhnosti i kislotnosti pochvy. Minsk, Nauka i tekhnika, 1966, 231 p.

PLANTS, EFFECT OF NEUTRONS ON

Effect of cultivation conditions on the radiobiological effects following pretreatment of seeds with fast fission neutrons. G. V. Ponomarev, N. F. Batygin. Radiobiologia 6 no. 3:470-473 '66.

PLANTS, EFFECT OF NITROGEN ON

Effect of nitrogen deficiency and nitrogen nutrition on photosynthesis. Chlorophyll content and growth of the *Protococcus* algae culture. S. S. Bashlavskaia, R. F. Kulikova, E. B. Kurkova. Biol. MOIP, Otd. biol. 71 no. 2:107-117 Mr-Apr '66.

PLANTS, EFFECT OF PENTANEDIAMINE ON

Stimulating and toxic effect of diamines on plants. N. I. Sheviakova. Fiziol. rast. 13 no. 3:522-524 My-Je '66.

PLANTS, EFFECT OF PHOSPHORUS ON

Bazegskii, E. P. [Phosphorus fertilizers] Fosfornye udobreniia. Moskva, Rossetkhozizdat, 1965, 37 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 3) (DNAL)

PLANTS, EFFECT OF POTASSIUM ON

Disorders of nucleotide metabolism in pumpkin roots under conditions of potassium deficiency. B. I. Vyshenskaya, M. S. Krasavina. Fiziol. rast. 13 no. 3:433-445 My-Je '66.

Pcheikin, V. U. [Potassium fertilizers] Kalinye udobreniia. Moskva, Rossetkhozizdat, 1965, 30 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 2) (DNAL)

PLANTS, EFFECT OF SALTS ON

Changes in the anthocyanin and leucoanthocyanin content of plants depending on the type of salinization. B. P. Stroganov, H. Kh. Dostanova. Fiziol. rast. 13 no. 3: 509-516 My-Je '66.

Effect of the ions of mineral nutrient salts on the state of the protoplasm of plant cells. A. M. Alekseev, A. A. Abdurakhmanov. Fiziol. rast. 13 no. 3:462-468 My-Je '66.

PLANTS, EFFECT OF SOIL MOISTURE ON

Effect of soil moisture on the processes of nitrogen and phosphorus metabolism in soybeans [Glycine hispida (Moench.) Maxim.]. K. S. Harnaba, O. P. Opanasenko. Ukr. bot. zhur. 23 no. 3:24-28 '66.

PLANTS, EFFECT OF TEMPERATURE ON

Effect of high temperature on changes in leaf transparency. V. G. Shakhmatov. Uch. zap. KHGU 140:39-42 '63.

Effect of low temperature in the root zone on some physiological processes in corn plants. S. S. Andreevskii, B. Kerechki. Dokl. AN SSSR 168 no. 4:947-950 Je '66.

Effect of temperature on the growth and development of plants. H. M. Il'kun. Ukr. bot. zhur. 23 no. 3:29-34 '66.

Heat resistance of some plant shoots as related to the phenomena of heterosis and polyploidy. V. G. Shakhmatov, N. G. Shestopalova, A. T. Popov. Uch. zap. KHGU 140:29-33 '63.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Effect of foliar feeding with trace elements on the yield and ripening periods of cauliflower. M. V. Syakova. Uch. zap. Ped. inst. Gerts. 312:155-161 '66.

Effect of trace elements on the yield of corn. V. A. Kulicheva. Izv. Kub. SKH 17:130-132 '65.

Iakovleva, V. V., and T. A. Danilova. [Trace element fertilizers] Mikroelementnye. Moskva, Rossetkhozizdat, 1965, 45 p. (Biblioteka brigadira i zven'evogo po primeneniiu udobrenii, no. 5) (DNAL)

PLANTS, EFFECT OF WATER ON

Some properties of water from melted ice and its effect on the content of ascorbic acid in green onions. I. V. Tlun'kov. Lek. i syr. res. Irk. obl. no. 4:200-201 '65.

PLANTS, MOTION OF FLUIDS IN

Disorders in the local distribution of assimilates in the soybean. I. F. Belikov, L. I. Piskun. Fiziol. rast. 13 no. 3:406-410 My-Je '66.

PLANTS, ORNAMENTAL see subdivision under Ural Mountains

PLANTS, PROTECTION OF

(see also subdivision under Carpathian Mountains) Some results of introducing the achievements of science in plant protection into practice. Zh. T. Dzhafarmeyev. Vest. sel'khoz. nauki [Kazakh]. 9 no. 5:105-108 My '66.

PLANTS, SEX IN

Interrelation of male and female clones and trees of aspen in forests of Leningrad Province. V. B. Volkovich. Izv. vys. ucheb. zav. les. zhur. 9 no. 2:22-24 '66.

PLANTS, SPACE ARRANGEMENT OF

Effect of planting methods and the mechanized formation of the density of planting on the yield of monospinous sugar beets. G.E. Gonik. *Izv. Kuzb. SEKH* 17:112-118 '65.

Interrelation of row-crop plants in hills. I.V. Antonov. *Vest. sel'khoz. nauk [Kazakh.]* 9 no.5:3-10 My '66.

PLANTS, WATER IN

Studying the mechanism of vitrification of water in plant cells. I.I. Tumanov, O.A. Krasavtsev. *Fiziol. rast.* 13 no.3:487-493 My-Je '66.

PLASMA (IONIZED GASES)

Acceleration of particles in cosmic plasma. M.A. Ginsburg. *Astron. zhur.* 43 no.3:550-552 My-Je '66.

Anomalous diffusion and the heating of ions of a plasma filament. A.P. Nalita, I.A. Soloshenko. *Zhur. tekhn. fiz.* 36 no.4:749-753 Ap '66.

Artimovich, L.A. [Elementary plasma physics] *Elementarnaya fizika plazmy*. Izd. 2, perer. i dop. Moskva, Atomizdat, 1966, 199 p.

Causes of the reduction of plasmoid velocity in railtrons. I.F. Kvarshchava and others. *Zhur. tekhn. fiz.* 36 no.4:759-762 Ap '66.

Chemical processes in low-temperature plasma. L.S. Polak. *Vest. AN SSSR* 35 no.6:552-56 Je '66.

Determining the electron temperature of a plasma by measurement of soft X-ray bremsstrahlung. V.F. Alekshin and others. *Zhur. tekhn. fiz.* 36 no.4:620-626 Ap '66.

High-frequency heating of a very dense plasma. N.I. Nazarov, A.I. Ermakov, V.T. Tolok. *Zhur. tekhn. fiz.* 36 no.4:612-619 Ap '66.

Induction of ionic-acoustic waves in potassium and cesium plasmas. N.S. Buchel'nikova, R.A. Sallimov. *Teplotiz. vys. temp.* 4 no.1:27-34 Ja-F '66.

Interaction of supersonic jets in pulse discharges. M.A. Sultanov, L.I. Kiselevskii. *Teplotiz. vys. temp.* 4 no.1:40-45 Ja-F '66.

Measurement of the electron temperature of a plasma based on the scattering of laser radiation. A.A. Besshaposhnikov and others. *Zhur. prikl. spektr.* 4 no.5:458-459 My '66.

Measuring the recombination coefficient of xenon in a disintegrating plasma. V.B. Brudskii, S.E. Zagik, V.A. Litomskii. *Zhur. tekhn. fiz.* 36 no.4:640-642 Ap '66.

Method for determining certain parameters of a plasma in a Fabry-Perot type resonator. E.M. Klement'ev. *Zhur. tekhn. fiz.* 36 no.4:745-748 Ap '66.

Nonlinear theory of instabilities in a plasma confined in a strong electric field. V.I. Shevchenko. *Zhur. tekhn. fiz.* 36 no.4:627-639 Ap '66.

Paramagnetic effect due to high-frequency pressure, and electron parametric resonance in a plasma. V.M. Glagolev, I.N. Kironkov, N.S. Cheverev. *Atom. energ.* 20 no.5:401-407 My '66.

Propagation of electromagnetic waves with superlow frequency in ionospheric plasma. V.I. Aksentov. *Radiotekhn. i elektron.* 11 no.6:1030-1036 Je '66.

Special features of the causticity of a cylindrical wave in a tapered-layer plasma. I.U. Orlov. *Radiotekhn. i elektron.* 11 no.6:1125-1127 Je '66.

Statistical acceleration of particles in a turbulent plasma. V.N. Tsytyovich. *Usp. fiz. nauk* 89 no.1:89-146 My '66.

Use of the broadening and displacement of cesium spectral lines in determining the concentration of charged particles and neutral atoms in the plasma of a d.c. arc. L.I. Grechikhin, D.K. Skutov. *Zhur. prikl. spektr.* 4 no.5:381-388 My '66.

Waves of concentration of charged particles in a moving plasma. O.R. Kosenko, A.K. Musin. *Teplotiz. vys. temp.* 4 no.1:12-19 Ja-F '66.

PLASMA (IONIZED GASES)—ANALYSIS

Probing of plasma in thermionic converters with high cesium vapor pressure. Part 1. G.A. Diazhev and others. *Zhur. tekhn. fiz.* 36 no.4:679-691 Ap '66.

Probing of plasmas in thermionic converters with high cesium vapor pressure. Part 2. G.A. Diazhev and others. *Zhur. tekhn. fiz.* 36 no.4:692-703 Ap '66.

PLASMA (IONIZED GASES)—MEASUREMENT

Evaluating the rate of plasma turbulence by self-radiation and Roman scattering of electromagnetic waves in the microwave band. B.A. Demidov, S.D. Fanchenko. *Atom. energ.* 20 no.6:516-518 Je '66.

Measuring plasma energy with the "Tokamak" unit by fluctuations of the longitudinal magnetic flux. K.A. Razumova. *Atom. energ.* 20 no.6:459-464 Je '66.

PLASMA (IONIZED GASES)—SPECTRA

Spectroscopic study of a plasma produced by a low-voltage pulse discharge in a vacuum. V.A. Dorevskikh, M.A. Deriabina. *Teplotiz. vys. temp.* 4 no.1:20-26 Ja-F '66.

PLASMA MEMBRANES

Membrane structures of cells. I.Sh. Vaisman. *Usp. sov. biol.* 61 no.3:390-414 My-Je '66.

PLASMA OSCILLATIONS

Cherenkov excitation of ionic branches of oscillations by a charge moving in a cold magnetoactive plasma. V.N. Kordumov. *Zhur. tekhn. fiz.* 36 no.4:598-594 Ap '66.

Determining the density of a plasma in a metal apparatus by the excitation of high-mode oscillations. D.K. Akulina. *Zhur. tekhn. fiz.* 36 no.4:646-652 Ap '66.

Plasma oscillations of an electron atom shell. D.A. Kirzhits, I.U. E. Lozovik. *Usp. fiz. nauk* 89 no.1:39-47 My '66.

Vibrational spectra of a weakly turbulent plasma. V.A. Iperovskii, V.N. Tsytyovich. *Zhur. tekhn. fiz.* 36 no.4:575-587 Ap '66.

PLASMALOGEN

Lipids. Part 32: Synthesis of monoacid saturated and unsaturated neutral plasmalogens. E.A. Parfenov, G.A. Serebrennikova, N.A. Probozhenskii. *Zhur. org. khim.* 2 no.4:633-636 Ap '66.

PLASTER

Pekarskaya, Z.P. [Equipment and organization of work in training centers for painters and plasterers] *Oborudovanie i organizatsiya raboty uchebnykh kabinetov dlia mal'arov i shtukaturov*. Moskva, Vysshaya shkola, 1966, 55 p.

PLASTIC FILMS—TESTING

Effect of the conditions of film formation from synthetic rubber on film properties. Report No. 1. M.S. Monastyrskaya and others. *Izv. vys. ucheb. zav. i tekhn. log. prom.* no.2:83-88 '66.

Effect of the roughness of the counterbody on the friction and wear of polyamide coatings. G.Karnev. *Vest. mashinostr.* 46 no.5:54-56 My '66.

PLASTIC SURGERY see Surgery, Plastic

PLASTICITY

Effect of aluminum concentration on the plasticity of aluminum bronze. A.A. Preshnikov, I.U. P. Chernysheva. *Trudy Inst. met. i obog. AN Kazakh. SSR* 15:101-107 '66.

Plasticity of deformed magnesium. F.S. Aitkhodzhi. *Trudy Inst. met. i obog. AN Kazakh. SSR* 15:10-13 '66. Rheotropic recovery in β -brass. E.S. Aitkhodzhi, A.A. Preshnikov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 15:14-20 '66.

PLASTICS

Effect of some factors on the physical and mechanical indices of lignocarbonyl wood plastics made of pine sawdust with the addition of larch resin. A.S. Akkerman, V.N. Petri. *Izv. vys. ucheb. zav. i tekhn. log. prom.* 9 no.2:134-138 '66.

Nikolaev, A.F. [Synthetic polymers and plastics based on them] *Sinteticheskie polimery i plasticheskie massy na ikh osnove*. Izd. 2, ispr. i dop. Moskva, Khimika, 1966, 768 p.

PLASTICS—MOLDING

Press molding equipment for the working of plastics in foreign countries. P.N. Frolov. *Kuz. - shtam. proizv.* 6 no.6:46-48, 3 of cover Je '66.

PLASTICS—OSCILLATIONS

Method for determining the dynamic modulus of shear and the decrement of oscillations in plastics with the temperature gradient depending on the thickness of the material. B.I. Panshin, A.G. Fedoranko, L.N. Utkina. *Zav. lab.* 32 no.5:580-583 '66.

PLASTICS CUTTING

Face milling of structural plastics. A.G. Okun'. *Izv. vys. ucheb. zav. i mashinostr.* no.4:162-166 '66.

PLASTICS IN BUILDING

Chemical materials for city transportation systems. K. Basurmanov. *Zhil. - kom. khoz.* 14 no.5:17-18 My '66.

Ivanov, V.F. [Wooden and plastic elements] *Konstruktsii iz drevn. i plastmass*. Leningrad, Stroiizdat, 1966, 352 p.

PLASTICS IN THE AUTOMOBILE INDUSTRY

Motorbus with a body made of glass reinforced plastics. V. Kirilukhin. *Avi. transp.* 44 no.5:39 My '66.

PLASTICS IN THE ELECTRIC MACHINERY INDUSTRY

Plastics in the manufacture of power engineering machinery. S.A. Filippovich. *Energomashinoostroenie* 12 no.5:59-38 My '66.

PLASTICS IN THE ELECTRIC WIRE AND CABLE INDUSTRY

Economic effectiveness of using plastics in the manufacture of cables. A.I.A. Korsakov. *Elektrotekhnika* 37 no.5:7 My '66.

PLASTICS IN THE MACHINERY INDUSTRY

Rheological properties of plastic solutions based on furan resins. A. Kh. Kim, S.V. Nosenchuk. *Prom. Bel.* 9 no.4:55-58 Ap '66.

Using plastics for pinions. P.I. Zenskov and others. *Vest. mashinostr.* 46 no.6:44-45 Je '66.

PLASTICS IN THE MINING INDUSTRY

Influence of the scale factor on the strength of coal plastics. A.T. Zatonikidi, G.I. Volkova, N.P. Kravchenko. *Fiz. - tekhn. prot. razrab. pol. iskop.* no.3:144-145 '65.

PLASTICS INDUSTRY see subdivisions under White Russia

PLASTICS PLANTS—FIRES AND FIRE PREVENTION

Alekseev, M.V., and A.G. Ispravnikova. [Fire prevention in the production of plastics and synthetic fibers] *Pozharnaya profilaktika pri proizvodstve plasticheskikh mass i khimicheskikh volokon*. Pod red. M.V. Alekseeva. Moskva, Stroiizdat, 1966, 170 p.

PLATE TOWERS

Studying the distillation on plates with sinusoidal elements. I.M. Anoshin, D.O. Onurzakov. *Izv. vys. ucheb. zav. i tekhn. log. prom.* no.3:140-150 '66.

PLATES (ENGINEERING)

Determining stresses in the framing of thick bracketed plates. V.M. Aronovich. *Izv. vys. ucheb. zav. i mashinostr.* no.4:18-22 '66.

PLATINUM CATALYSTS

Behavior of some unsaturated hydrocarbons on a platinum catalyst. T.M. Belonudova, D.V. Sokolovskii. *Elektrokhimiya* 2 no.6:704-707 Je '66.

Effect of alkali metals on the properties of platinum catalysts in dehydrocyclization of n-hexane. N.H. Burdakov and others. *Kin. i kat.* 7 no.3:556-559 My-Je '66.

PLATINUM-COBALT ALLOYS see Cobalt-platinum alloys

PLATINUM COMPOUNDS

Influence of the nature of ligands on the exchange current value in the charge-exchange in chloride, bromide, and iodide complexes of bi- and tetravalent platinum. V.I. Kravtsov, D.V. Shukov. *Elektrokhimiya* 2 no.6:645-651 Je '66.

PLATINUM-COPPER ALLOYS see Copper-platinum alloys

PLATINUM ELECTRODES see Electrodes, Platinum

PLATINUM METALS

Anion-exchange sorption of platinum and palladium. A.N. Popov, I.U.S. Kononov, V.M. Gorbachev. *Izv. SO AN SSSR no.3. Ser. khim. nauk* no.1:75-82 '66.

PLAVINAS (LATVIA)—ROCK PRODUCTS INDUSTRY

Valuable practices of a group in the Plavinas Combine for rock materials. N.D. Bolotina, E.I. Kaminskaya. *Stroi. mat.* 12 no.2:4-5 F '66.

PLAYS FOR CHILDREN see Children's plays

PLETHYSMOGRAPHY

Dynamics of plethysmographic data in patients with pulmonary tuberculosis in the compound anastomotic and climatic treatment including heliotherapy. I.U. M. Gusev, E.P. Ozhogin. *Vop. kur. i fizioter. i tekhn. fiz. kul't.* 31 no.2:121-124 Mr-Apr '66.

Normal parameters of vascular reflexes of a finger photoplethysmogram. M.M. Il'manova, V.S. Maslakov. *Vest. AN Kazakh. SSR* 22 no.6:60-77 Je '66.

PLEURA—SURGERY

Surgical tactics in the treatment of spontaneous pneumothorax. V.A. Popovskii. *Azern. med. zhur.* 43 no.4:56-59 Ap '66.

PLEXIGLAS—TESTING

Optical and mechanical properties of Plexiglas under static and dynamic loads. V.G. Zhurba, V.V. Mishin. *Zav. lab.* 32 no.5:802-805 '66.

PLISETSKAYA, MAHA M.

Zhdanov, L.T. [Maha Plietskaya; a photographic album] *Maha Plietskaya; fotoalbum*. Moskva, Iskusstvo, 1965, 1 v. (chiefly illus.) [In Russian, English, and French]

PLUTO (PLANET)—ORBITS

Theory of the movement of Pluto. Sh.G. Sharaf, N.A. Budnikova. *Trudy ITA* no.11:89-100 '66.

PLUTONIUM

Effect of irradiation on uranium-plutonium fuel. S.T. Konobeevskii. *Atom. energ.* 20 no.6:520-530 Je '66.

Plutonium-239 in nature. V.V. Cherdyn'tsev and others. *Geokhimiya* no.10:2257-2259 Q '65.

Third International Conference on Plutonium. P.G. Reshetnikov, N.T. Chebotarev, O.A. Alekseev. *Atom. energ.* 20 no.6:525-527 Je '66.

PLYWOOD

Studying the suitability of phenol-urea-formaldehyde resin for gluing veneers made of birch rotary-cut veneer with false core. N. A. Ivanovskaya, N. N. Pantanova. Der. prom. 15 no. 5:8-9 My '66.

PLYWOOD INDUSTRY—COSTS

Practices in the use of the indices of standard cost of processing in plywood plants. N. K. Sorbina. Izv. vya. ucheb. zav.; les. zhur. 9 no. 2:127-129 '66.

PNEUMATIC CONTROL

Lemberg, M. D. [Relay devices of pneumatic control] *Rel'nye ustroystva pnevmomatiki*. Moskva, Energiya, 1966. 127 p. (Biblioteka po avtomatike, no. 173)

Pneumatic drive for high-voltage switches. I. G. Korovin-kovskii. Elektrotehnika 37 no. 5:26 My '66.

PNEUMATIC CONVEYING

Instrument for measuring the polarity and potential of and electrostatic charge in pneumatic conveying systems for flour. M. K. Goroshenko, S. N. Liandres, Khleb. i kond. prom. 10 no. 5:10-12 My '66.

Sylakov, S. N. [Pneumatic transportation of ground wood] *Pnevmaticheskii transport izmet'chenoi drevessiny*. Moskva, Lesnaya promyshlennost', 1966. 310 p.

PNEUMATIC MACHINERY

Feeder for loose materials. I. L. Mar'iasin. Zav. lab. 32 no. 5:639-640 '66.

Increasing the momentum of a pneumatic piston engine by reducing the number of rotor teeth. V. D. Zinevich, I. P. Ivanov, I. D. Rjabkov. Izv. vya. ucheb. zav.; mashinost. no. 4:77-82 '66.

PNEUMATIC-TUBE TRANSPORTATION

Measurement of the expenditure of dust in pneumatic-tube transportation using the static electrization effect. L. A. Griffen. Izv. vya. ucheb. zav.; energ. 9 no. 6:117-120 Je '66.

PNEUMOENCEPHALOGRAPHY

"Choreocephaly": an unusual picture of a disease with paroxysmal course in adolescent girls. I. S. Tata, Zhur. nevro. i psikh. 66 no. 7:1071-1076 '66.

Pneumoencephalographic examination in late sequelae of craniocerebral trauma in children. S. A. Melnikov, S. S. Shifrin. Zhur. nevro. i psikh. 66 no. 7:1024-1027 '66.

PNEUMONIA

Characteristics of the course of postoperative pneumonia in patients having had natural commensurotomy. V. P. Korobkov. Trudy Kazakh. inst. klin. i ekup. khir. AMN SSSR 11:63-66 '65.

Effect of the hospitalization time and the beginning of the antibacterial treatment on the course of acute focal pneumonia. L. V. Chibrikhin. Voen.-med. zhur. no. 12: 64-67 D '65.

Results of exercise therapy in the treatment of pneumonia. L. V. Shchibrayeva. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 2:167-172 Mr-Apr '66.

Results of streptomycin treatment for noninfectious pneumonia in calves. N. I. Sumerski. Sbor. nauch. rab. stud. Ser. zootekh.-vet. inst. 3:56-57 '65.

Spontaneous pneumothorax caused by morbillous pneumonia. A. N. Geldarov. Azerb. med. zhur. 43 no. 4:88-90 Ap '66.

State of protein fractions, glycoproteins and lipoproteins of the blood serum in chronic nonspecific pneumonia in children and their changes under the effect of sanatorium and health resort treatment. S. M. Gavrilov, V. V. Tkach. Zhur. ekspan. i klin. med. 6 no. 2:19-24 '66.

PNEUMOTHORAX

Spontaneous pneumothorax caused by morbillous pneumonia. A. N. Geldarov. Azerb. med. zhur. 43 no. 4:88-90 Ap '66.

Surgical tactics in the treatment of spontaneous pneumothorax. V. A. Popovskii. Azerb. med. zhur. 43 no. 4:56-59 Ap '66.

PODGORENSKIY DISTRICT—BULBOCODIUM

Bulbocodium ruthenicum Bge. on the steppe slopes of Podgorenskiy District. S. V. Goltzayn, Yu. A. Dorontin. Otkr. prir. TSentr.-Chern. pol. no. 5:236-260 '64.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Concentration of C^{14} in the atmosphere at the time of the Tunguska catastrophe and thereafter. A. P. Vinogradov, A. L. Devirts, E. I. Dobkina. Dokl. AN SSSR 168 no. 4:900-903 Je '66.

Simulation of the Tunguska explosion. I. T. Zotkin, M. A. Tsiaklin. Priroda 55 no. 6:81-80 '66.

The Tungus meteorite. I. S. Astapovich. Izsl. meteor. no. 1:152-155 '66.

PODOLIA—QUARTZITE—ANALYSIS

Study of the mineralogical composition of the Lower Tortonian quartzite sands of Podolia. N. S. Oknova. Trudy VNIGRI no. 237:163-161 '64.

PODOLIAN ECONOMIC REGION—AGRICULTURAL GEOGRAPHY

Natural conditions for the production of industrial crops in the Podolian Economic Region. N. V. Kurdluk. Ekon. geog. no. 2:138-147 '61.

PODOLIAN ECONOMIC REGION—CANNING INDUSTRY

The fruit and vegetable canning industry of the Podolian Economic Region and prospects for its development. R. A. Lazydina. Ekon. geog. no. 2:95-101 '64.

POETRY

Vinokurov, E. M. [Poetry and thought] *Poezija i mysl'*. Moskva, Sovetskaya Rossiya, 1958. 86 p. (Pisatel i tvorchestvo)

POETS

Kovalenko, A. A. [Good, different... literary portraits] *Khorosho, razno... literaturnye portrety*. [Moskva] Mosk. rabochii, 1955. 189 p.

POGODIN, NIKOLAI FEDOROVICH, 1900-1962

Frolova, T. D. [Trilogy of N. Pogodin about V. I. Lenin; from the cycle of lectures on Soviet literature for correspondence students] *Trilogiya N. Pogodina o V. I. Lenine; iz tsikla lektsii po sovetskoi literature dlia studentov-zaochnikov*. Makhachkala, Dagestanskii gos. univ., 1963. 30 p. (MI)

POKUTYE—FAULTS (GEOLOGY)

Nature of the Pokutye fracture. A. A. Orlov, I. M. Dubitskii. Neft. i gas. prom. no. 3:7-9 My-Je '66.

POLAND—AGRICULTURAL MACHINERY

Exhibits of the Polish People's Republic. Tekh. v sel'. khoz. 26 no. 5:35-38 My '66.

POLAND—ALMANACS, WHITE RUSSIAN

[A scientific and literary collection and the White Russian calendar for 1961] *Naukova literatura zbiornik i belaruskii kalendar 1961. Biatystok, Halcunae prau-lenne belaruskaha hramadska-kul'turnaha t-tva u Pol'shevy [1960] 303 p. (CAOTU)*

POLAND—BIBLIOGRAPHY

[New literature on Poland] *Nov. lit. po Pol'*. no. 6 '66.

POLAND—CATHOLIC CHURCH

Past, present, and future. A. Kruczkowski. Mezhdunar. zhizn' 13 no. 8:42-51 '66.

POLAND—CITIES AND TOWNS

Problems of the geography of the population and cities in Poland. L. Kosinski. Izv. Vses. geog. ob-va 90 no. 3: 230-239 My-Je '66.

POLAND—COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Experience in decreasing the number of underground fires in the coal mines of Poland. I. A. Babokin. Ugol' 41 no. 6:74-75 Je '66.

POLAND—FOREIGN RELATIONS—GERMANY, WEST

How we regard Bonn. Marian Podkowski. Nov. vrem. 24 no. 32:10-11 Ag '66.

POLAND—HISTORY

The millennium of Poland. Stefan Kenovich. Nov. vrem. 24 no. 29:7-10 Ji '66.

Past, present, and future. A. Kruczkowski. Mezhdunar. zhizn' 13 no. 8:42-51 '66.

People's Poland in the studies of Soviet historians. A. Ia. Manusevich. Vop. ist. 41 no. 6:147-154 Je '66. A thousand years and two decades. Nov. vrem. 24 no. 31:1-2 Ji '66.

POLAND—LABOR AND LABORING CLASSES—RESEARCH

Problems of labor psychology and sociology. Jaroslaw Karaczewski. Sov. profsojuzy 22 no. 11:36-37 Je '66.

POLAND—PETROLEUM

Petroleum river. I. Osipov. Nov. vrem. 24 no. 32:26-27 Ag '66.

POLAND—POPULATION

Problems of the geography of the population and cities in Poland. L. Kosinski. Izv. Vses. geog. ob-va 90 no. 3: 230-239 My-Je '66.

POLAND—RELATIONS (MILITARY) WITH RUSSIA

We strengthen the ties of fraternal friendship. S. Riazanov. Komm. Vooruzh. Sil 47 no. 14:24-28 Ji '66.

POLAND—TELEVISION PLAYS

The television theater of Poland. Z. Podguzheta. Teatr 25 no. 10:107-110 O '64.

POLAND, WESTERN see Oder-Nelasse Area

POLARITY (CHEMISTRY)

Role of polarity of alkyl acrylates in their emulsion polymerization. T. V. Bakaeva, V. I. Eliseeva, P. I. Zubov. Vysokom. sced. 8 no. 6:1073-1079 Je '66.

POLARIZATION (ELECTRICITY)

Effect of electrolysis conditions on the cathodic polarization and absorption of hydrogen by iron plating. A. Polatov. Trudy Tadzh. sel'khoz. inst. 7:11-20 '65.

Electrode polarization in solid electrolytes. Determination of the potential of oxygen electrodes on platinum under polarization current. M. V. Perfilov, S. F. Pal'guv. Trudy Inst. elektrokhim. UFAN SSSR no. 7:137-162 '65.

Electrode polarization in solid electrolytes. Polarization of platinum-oxygen electrodes. M. V. Perfilov, S. F. Pal'guv. Trudy Inst. elektrokhim. UFAN SSSR no. 7: 163-168 '65.

Oscillographic measurement of concentration polarization from the inclusion curves. G. K. Stepanov, V. A. Gaag. Trudy Inst. elektrokhim. UFAN SSSR no. 7:111-114 '65.

Polarization effects in the electroluminescence of anode oxide films. M. I. Edelberg. Opt. i spekt. 20 no. 5: 866-873 My '66.

Polarization of an oxygen electrode in a solid electrolyte. A. T. Filinov, S. V. Karpachev, S. F. Pal'guv. Trudy Inst. elektrokhim. UFAN SSSR no. 7:169-174 '65.

Polarization of porous electrodes. Part 4: Effect of the solid phase resistance on the potential and current distribution in electrodes. V. S. Daniel's-Bek. Elektrokhimika 2 no. 6:672-677 Je '66.

Roughness of zinc and cadmium coatings and its relation to cathode polarizability. N. Ia. Kovarskii, N. P. Gushin. Izv. SO AN SSSR no. 1. Ser. khim. nauk no. 1:152-155 '66.

POLARIZATION (LIGHT)

Mixing of electromagnetic waves by a nonlinear crystal. B. V. Bokul', A. G. Khaikovich. Zhur. prikl. spekt. 4 no. 5:455-458 My '66.

Polarization of helium spectral lines under excitation by electron impact. V. L. Fedorov, L. E. Golovanevskaya. Opt. i spekt. 20 no. 5:750-752 My '66.

Polarization of the 5016 Å helium line under excitation by electron impact. V. I. Porol', V. L. Fedorov. Opt. i spekt. 20 no. 5:745-749 My '66.

Structure of light beams reflected by leaves of plants. V. P. Ryacheva, S. G. Guminetskii. Zhur. prikl. spekt. 4 no. 5:415-421 My '66.

POLARIZATION (NUCLEAR PHYSICS)

Effect of the polarization of a medium on the development and energy characteristics of electron-photon showers. A. K. Bakhtarova, I. P. Ivanenko. Izd. fiz. 4 no. 1:161-168 Ji '66.

Polarization tensor in the scattering of polarized nucleons on a polarized proton target. S. I. Bilen'kova and others. Izd. fiz. 4 no. 1:132-138 Ji '66.

POLAROGRAPH

Modification of the polarographic device for measuring respiration intensity. O. A. Dmitrov. Vest. LGU no. 9:79-83 '66.

POLAROGRAPHY

Composition of the supporting electrolyte and its effect on the anodic peaks of certain elements being determined. A. I. Kamenov and others. Zhur. anal. khim. 21 no. 5: 535-541 '65.

Concentration of substances in polarographic analysis. Report No. 7: Possibility of using organic reagents. Kh. Z. Bratnina. Zhur. anal. khim. 21 no. 5:529-534 '65.

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Khim. v sel'. khoz. 4 no. 2:171-73 F '66.

POLESYE—RUSSIAN SOCIAL DEMOCRATIC PARTY

Direnok, E. D. [The Bolshevik Organization in Polesye in the struggle against the Tsarist regime, 1903-March 1917] *Poleskaya organizatsiya bol'shevikov v bor'bu protiv tsarizma, 1903-mart 1917 gg.* Minsk, Belarus', 1965. 188 p. (CS-1)

POLESYE—SCALE INSECTS

Economic significance of scale insects (Insecta, Homoptera, Coccoidea) in Ukrainian Polesye. IE. M. Tereznikova. *Dop. AN URSR* no. 5:678-681 '66.

POLESYE—SCYTHIAN ANTIQUITIES

Scythian monuments in southern Polesye relating to the period when the Scythians learned to till land. O. I. Terenozhkin. *Arkheologia* 10:22-33 '65.

POLESYE—SPRUCE

Present state of the natural stands of Norway spruce [*Picea abies* (L.) Karsten] of the left bank Polesye. S. O. Muliarchuk. *Ukr. bot. zhur.* 23 no. 3:111-116 '66.

POLESYE—SWINE BREEDING

Results of breeding work with the Krolevets swine breed. P. V. Korchev. *Nauk. pratsi zootekh. fak. UASHN* 15 no. 2:23-33 '61.

POLESYE—WATER, UNDERGROUND

Methodology of the regional estimation of the natural resources of underground waters in the zone of intensive water exchange in the basins of small- and middle-sized rivers. H. O. Bilava. *Ukr. Geol. zhur.* 26 no. 2: 72-82 '66.

POLICE

Implementation of administrative sanctions by the organs of the police. L. L. Popov. *Uch. zap. VNIISZ* no. 5:178-184 '65.

Intra-agency control over the lawful application of administrative sanctions by police organs. F. E. Kolonin. *Uch. zap. VNIISZ* no. 5:124-127 '65.

Revision of the law and the strengthening of socialist legality in the administrative operations of the Soviet police. V. V. Novikov. *Uch. zap. VNIISZ* no. 5:157-160 '65.

Some practical problems of regulating public order. A. V. Seregin. *Uch. zap. VNIISZ* no. 5:147-152 '65.

POLIOPELITIS

Diencephalic disorders in infantile cerebral palsy and their role in the pathogenesis of this disease. K. A. Semenova. *Zhur. nevro. i psikh.* 66 no. 7:1028-1034 '66.

POLISH STUDIES

People's Poland in the studies of Soviet historians. A. A. Manusevich. *Vop. ist.* 41 no. 6:147-154 Je '66.

POLITICAL CLUBS

see subdivision under France

POLITICAL PARTIES

Klochko, V. F. [Marxist-Leninist theory of the party and the development of this theory in the programs of the CPSU] *Marksistsko-leninskoe uchenie o partii i ego razvitiye v programakh KPSS*. Moskva, Mysl', 1966, 74 p.

POLITICAL SCIENCE

Bourgeois parliaments and public opinion. A. A. Mishin. *Vest. Mosk. un. Ser. 12: Pravo* 21 no. 1:39-49 Ja-F '66.

The class nature and internal functions of the capitalist state. V. A. Tumanov. *Sov. gos. i pravo* 36 no. 7:60-69 Ji '66.

The crisis of bourgeois parliamentarism and authoritarian trends in the exercise of "executive power." R. Kh. Vildanov. *Vest. Mosk. un. Ser. 12: Pravo* 21 no. 3:54-72 My-Je '66.

Discussing a monograph on the imperialist state. G. P. Kalamin. *Sov. gos. i pravo* 36 no. 7:150-153 Ji '66.

POLITICAL SCIENCE—SOCIETIES, ETC.

Soviet Association of Political Science. I. T. Pomerantsev. *Sov. gos. i pravo* 36 no. 6:135 Je '66.

POLITICAL SCIENCE—STUDY AND TEACHING

Teaching the "Development of the Soviet state" in the institutions of higher education. V. Barakhtin, R. Pavlovskiy. *Rad. pravo* 29 no. 5:13-18 My '66.

POLLEN, FOSSIL

Taxonomy and nomenclature of fossil pollen and spores. A. N. Siadkov. *Biul. MOIP. Otd. biol.* 71 no. 2:70-82 Mr-Apr '66.

POLOMET VALLEY—SEDIMENTATION AND DEPOSITION

Study of the sediment flow of small streams. G. V. Butylin. *Trudy GGI* no. 132:149-164 '66.

POLONIUM—PHYSIOLOGICAL EFFECT

Glucose assimilation by the organism of rats injured by polonium. V. V. Vasil'evskaya. *Radioobiologia* 6 no. 3:479-481 '66.

POLONIUM IN THE BODY

Method for determining ^{210}Po in specimens of human urine. J. Tibor, T. Arpad, U. Aladar. *Med. rad.* 11 no. 5:56-60 My '66.

POLONSKAYA, LIDIA TEREZ'EVNA

Wonders she performed. I. Strelbitskii. *Voen. znan.* 42 no. 6:12-13 Je '66.

POLTAVA PROVINCE—BITS (DRILLING AND BORING)

Efficiency of bits in turbine and rotary drilling. I. I. Chernyshev, A. T. Levchenko, V. K. Maskev. *Darenie* no. 5:5-8 '66.

POLTAVA PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Archaeological excavations near the village of Zhovnin. S. R. Kiliyevich. *Arkheologia* 10:189-195 '65.

POLYAMIDES

Polyamides from higher unsaturated dicarboxylic acids. O. I. A. Fedotova and others. *Vysokom. soed.* 8 no. 6:1094-1097 Je '66.

Preparation of polyfunctional polyamides. O. I. A. Fedotova, M. I. Shil'man, M. S. Ustinova. *Vysokom. soed.* 8 no. 6:1098-1102 Je '66.

POLYMERIZATION

Barinov, V. E. [Polymerization and alkylation of hydrocarbons] *Polymerizatsiya i alkilirovaniye uglevodorodov*. Moskva, Khimika, 1966, 147 p. (Biblioteka molodogo rabochego)

Catalytic polymerization of organosiloxane oligomers in the presence of alkalis. Report No. 2; Influence of the basic factors determining the polymerization mechanism. A. I. Petrashko, A. A. Zhelezov, K. A. Andrianov. *Izv. AN SSSR. Ser. khim.* no. 6:1005-1009 '66.

Certain features of polyphenylene ethyl oxidation in solutions. G. S. Kolesnikov, A. E. Chuchin, B. I. Boev. *Vysokom. soed.* 8 no. 6:1085-1088 Je '66.

Change in cellulose polydispersity in the process of delignification. M. M. Chochieva, I. V. Briskikh. *Zhur. prikl. khim.* 39 no. 5:1170-1176 My '66.

Copolymerization of vinyl alkyl ethers. A. M. Khomutov, A. P. Alimov. *Vysokom. soed.* 8 no. 6:1068-1072 Je '66.

Effect of vanadium oxides on the activity of chromium oxide catalyst of polymerization. N. A. Danilova and others. *Azerb. khim. zhur.* no. 2:135-138 '64.

Ethylene polymerization in chlorine-containing solvents on a soluble complex system. N. D. Zavorokin, A. I. Makl'mko. *Vest. AN Kazakh. SSR* 22 no. 6:19-30 Je '66.

Ionic polymerization of penitens. S. I. Sadykhzade and others. *Azerb. khim. zhur.* no. 2:57-62 '64.

Kinetics of anionic polymerization of acrylonitrile. E. V. Kochetov, A. I. Berlin, N. S. Enkoloplan. *Vysokom. soed.* 8 no. 6:1018-1021 Je '66.

Nature of the active center in anionic polymerization of acrylonitrile with triethylphosphine. E. V. Kochetov, A. I. Berlin, N. S. Enkoloplan. *Vysokom. soed.* 8 no. 6:1022-1027 Je '66.

Polymerization of octamethylcyclotetrasiloxane in the presence of δ - δ -disodiumhydroxymethylphenylsiloxanes. K. A. Andrianov, M. A. Shlagina. *Vysokom. soed.* 8 no. 6:1113-1116 Je '66.

Polymerization of triethylethynylsilane on $(\text{C}_2\text{H}_5)_3\text{Al}$, TiCl_4 catalyst. O. A. Novikova, V. M. Kuznetsova, K. A. Kornilev. *Dop. AN URSR* no. 5:627-628 '66.

Role of polarity of alkyl acrylates in their emulsion polymerization. T. V. Bakueva, V. I. Eliseeva, P. I. Zubov. *Vysokom. soed.* 8 no. 6:1073-1079 Je '66.

Structure and reactivity of some vinyl aromatic monomers in initiated polymerization. A. V. Chernobai, Zh. S. Trakhtste, R. I. A. Delaitakia. *Vysokom. soed.* 8 no. 6:997-1002 Je '66.

POLYMERS

Aging and stabilization of carboxylic polymers. E. N. Matveeva, E. I. Kirillova. *Zhur. VKhO* 11 no. 3:271-278 '66.

Aging and stabilization of heterochain polymers. B. M. Kovarskaya. *Zhur. VKhO* 11 no. 3:261-270 '66.

Basic problems involved in the stabilization of polymers. K. B. Piotrovskii. *Zhur. VKhO* 11 no. 3:242-247 '66.

Beyond the 200-degree barrier: controlled synthesis of heat resistant polymers. S. V. Vladimirov, M. A. Karev. *Prilozh.* 55 no. 6:25-32 '66.

Copolymers of unsaturated polyarylates containing side allyl groups with vinyl and allyl monomers. V. V. Korshak, S. V. Vinogradova, V. I. Kul'chitskii. *Vysokom. soed.* 8 no. 6:1080-1084 Je '66.

Critical opalescence and cohesion energy of polymers. V. E. Eskin, A. E. Nesterov. *Vysokom. soed.* 8 no. 6:1051-1056 Je '66.

Determining the critical self-heating of polymers in cyclic deformation. V. I. Korobov, S. B. Ratner. *Zav. lab.* 32 no. 5:589-591 '66.

Determining the specific adhesion of various adhesives to fibrous polymers. S. S. Volutskii, Z. S. Rudkovskaya, N. L. Garetovskaya. *Zav. lab.* 32 no. 5:588-570 '66.

Dynamic birefringence and viscosity of some oligomers. V. N. Tsvetkov, T. I. Garmanova, R. P. Stankevich. *Vysokom. soed.* 8 no. 6:980-986 Je '66.

Hygienic aspect and biological activity of stabilizers. S. L. Danil'shevskii, A. I. Brodman. *Zhur. VKhO* 11 no. 3:303-311 '66.

Methods for extrapolating the stress-rupture strength of polymers. I. M. Ivanov. *Zav. lab.* 32 no. 5:545-549 '66.

Nikolaev, A. F. [Synthetic polymers and plastics based on them] *Sinteticheskie polimery i plasticheskie massy na ikh osnove*. Izd. 2., 16pr. 1 dep. Moskva, Khimika, 1966, 768 p.

Polymer materials for covering floors at enterprises of the dairy industry. G. S. Kogan, V. P. Shchaglova, G. F. Shilchenko. *Stroi. mat.* 12 no. 2:25-27 F '66.

Power of polyacrylamide. G. Orlov, I. Krasnitskii. *Zh. i. kom. khoz.* 14 no. 5:24-26 My '64.

Relaxation properties of filled polyarylates. G. I. Stominskii and others. *Vysokom. soed.* 8 no. 6:1103-1112 Je '66.

Secondary polymers in the national economy. I. Kikhla, D. Andreyev. *Plan. khoz.* 43 no. 6:24-29 Je '66.

Semiconducting properties of polymers containing benzene rings and heterocyclic atoms in the main chain. A. I. Makl'mkov and others. *Vysokom. soed.* 8 no. 6:1007-1011 Je '66.

Solubility and fractionation of polymers. A. A. Buntlatzka and others. *Azerb. khim. zhur.* no. 2:85-90 '64.

Study of crystallization of some polymers by the nuclear magnetic resonance method. R. I. Sagitov, A. I. Makl'mkov. *Vysokom. soed.* 8 no. 6:1003-1006 Je '66.

Use of polymer materials for protecting concrete from the aggressive sea environment. G. V. Sokolov, I. M. Mogilevskii. *Irb. khoz.* 42 no. 5:55-57 '66.

POLYMERS—RESEARCH

Research on the mechanics and physics of polymers. *Vest. AN SSSR* 36 no. 6:13-17 Je '66.

POLYMERS—TESTING

Corrosion tests of polymer materials. N. Abulian, A. Shakhmurov. *Prum. Arm.* 9 no. 6:45-47 '66.

Device for determining the resistance to frost of polymer films. D. G. Borisov and others. *Zav. lab.* 32 no. 5: 613-615 '66.

POLYMERS, HIGH

see Macromolecular compounds

POLYMORPHISM

Polymorphism of molecules and complex ions in oxygen compounds of silicon and phosphorus. Report No. 5; Phase transitions and molecular structure of cyclic dimethylpolysiloxanes. *Izv. AN SSSR. Ser. khim.* no. 6: 983-990 '66.

POLYPOIDY

Characteristics of the anatomical structure and water balance in polyploid sugar beets. T. V. Tretnik, A. S. Okanenko. *Fiziol. rast.* 13 no. 3:469-478 My-Je '66.

Heat resistance of some plant shoots as related to the phenomena of heterostasis and polyploidy. V. G. Shakhbazov, N. G. Shestopalova, A. T. Popov. *Uch. zap. KIGU* 140:20-33 '63.

Intensity of photosynthetic processes and respiration in sugar beet plants as related to polyploidy. N. G. Shestopalova. *Uch. zap. KIGU* 140:68-170 '63.

Some anatomical characteristics of tetraploid double-crop red clover (*Trifolium pratense* L. var. *praceox* Wittc). N. K. Navalkhina. *Ukr. bot. zhur.* 23 no. 3: 59-66 '66.

Some biological characteristics of autopolyploids of the monosperous sugar beet. N. G. Shestopalova. *Uch. zap. KIGU* 140:43-48 '63.

POLYPROPYLENE

Thermal diffusion fractionation of polyisobutylene solutions. M. M. Kusanov and others. *Vysokom. soed.* 8 no. 6:1040-1044 Je '66.

POLYPROPYLENE, EFFECT OF RADIATION ON

Change of crystallinity in the radiation chlorination of polypropylene in the solid phase. R. V. Dzhegalskii and others. *Vysokom. soed.* 8 no. 6:1103-1109 Je '66.

POLYSACCHARIDES

Histochemical study of polysaccharides of the salivary glands in mammals. G. M. Magl'man. *Ark. anat. gist. i embr.* 50 no. 3:24-28 Mr '66.

POLYSTICTUS

Spruce fungus *Polystictus triquetor*. V. P. Grechkin. *Stor. rab. MLTI* no. 11:157-165 '64.

PONTOONS

Building and operating floating roof tanks. N. I. Valiev. *Transp. i khran. nefi i no stoprod.* no. 3:22-25 '65.

POPES—INFALLIBILITY

Strossmayer, Jozsef Jura. *Bp.* [On the vicariate and infallibility of the Popes] *O nemesitesevse i nepogreshimosti Pap.* New York, Izd. "Svobodnogo slova Karpatiskol Rusi," 1964, 32 p. (MIU)

POPLAR

(see also subdivision under Kokchetav Province; Ural Mountains)

Experimental production of three new poplar chimeras. S. A. Petrov, P. A. Rinzantsev. Vest. sel'khoz. nauki [Kazakh.]. 9 no. 5:50-53 My '66.

POPLAR—DISEASES AND PESTS see subdivision under Mityshchi District; Voronezh Province

POPOV, VITALII IL'ICH, 1896-

Vitalii Il'ich Popov. Voen.-med. zhur. no. 5:85-87 My '66.

POPOVIC, KOCA, 1908-

People and events: Koca Popovic; Janos Peter; Johann Adolf von Kiehmansegg. Nov. vrem. 24 no. 30:4, 8, 30 JI '66.

POPULAR FRONTS see subdivision under Denmark

PORCELAIN

Ways of improving the quality of high-voltage porcelain. S. F. Tumanov, G. N. Maslennikova. Stek. i ker. 23 no. 6:23-25 Je '66.

POROUS MATERIALS

Developing the technology for the production of porous sleeves. A. P. Malin and others. Izv. vys. ucheb. zav.; mashinost. no. 4:151-156 '66.

PORTAL HYPERTENSION

Kartitskaya, G. K. [X-ray examination in portal hypertension syndrome] Rentgenologicheskoe issledovanie pri sindrome portal'noi gipertenzii. Tashkent, Izd-vo "Meditsina" UzSSR, 1966. 165 p. (DNLM)

PORTSMOUTH, TREATY OF, 1895

Character of the September 1905 riots in Japan. D. I. Gol'dberg. Nar. Az i Afr. no. 3:61-69 '66.

PORTUGAL—COLONIES—AFRICA see Africa—Portuguese colonies

POSITRONS

Annihilation of positrons with electrons in plastically strained metals having a body-centered cubic lattice. I. A. Dekhtiar, V. S. Mikhalevskiy, S. G. Sakharova. Dokl. AN SSSR 168 no. 4:785-787 Je '66.

Calculation of the yield and mean-square angle of deflection of positrons in a case when electrons pass through thick foils. A. V. Baitin, O. S. Kofman, Atom. energ. 20 no. 5:423 My '66.

Positron decay from Eu 145. Zh. Zhelev, G. Muziol. IAd. fiz. 4 no. 1:3-8 JI '66.

POSTAGE STAMPS

Arlazorov, Mikhail. [A letter for you! From the history of the world postal service] Vam pis'mo! Iz istorii mirovoi pochty. [Moskva, Sovetskaya Rossiya, 1966] 229 p.

New Soviet postage stamps; an interview. O. K. Makarov. Nov. vrem. 24 no. 30:16-17 JI '66.

Soviet postage stamps issued in 1966. L. Sharov, RU. Rukhovskii. Knizh. torg. 17 no. 6:44-45 Je '66.

POSTAGE STAMPS—CATALOGS

A supplement to the catalog of the postage stamps of the U.S.S.R. issued in 1966. Knizh. torg. 17 no. 6: 45 Je '66.

POSTAL CARDS

Secret of a small postal card. E. B. Fainshteyn. Vop. ist. 41 no. 6:201-203 Je '66.

POSTAL SERVICE

(see also subdivision under Sochi)

Arlazorov, Mikhail. [A letter for you! From the history of the world postal service] Vam pis'mo! Iz istorii mirovoi pochty. [Moskva, Sovetskaya Rossiya, 1966] 229 p.

We are improving the service to the public and raising its economic indices. I. S. Baum. Vest. aviats. 26 no. 3: 6-8 Mr '66.

POSTERS

Posters and their distribution. M. Pichkhadze. Knizh. torg. 17 no. 6:20-21 Je '66.

POTASH INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Soligorsk

POTASSIUM

Experimental determination of the pressure of saturated sodium and potassium vapors. IU. K. Vinogradov, L. D. Volkov. Teplofiz. vys. temp. 4 no. 1:50-54 Ja-F '66.

Flame photometric method of determining sodium and potassium in ammonium molybdate. L. B. Bulycheva, M. S. Ulianova. [Trudy] UNIKHIM no. 11:98-101 '64.

POTASSIUM—EFFECT ON PLANTS see Plants, Effect of potassium on

POTASSIUM—SPECTRA

X-ray potassium absorption K-spectra in mixed crystals of the system KCl - KBr and KI - KBr. L. N. Mazukov, E. F. Vainshteyn, L. N. Trushnikova. Izv. SO AN SSSR no. 3. Ser. khim. nauk. no. 1:42-47 '66.

POTASSIUM BROMIDE

Aromatic nucleophilic substitution. Part 8: Interaction of aromatic chloro derivatives with an aqueous solution of potassium bromide. V. D. Shteingarts and others. Zhur. org. khim. 2 no. 4:701-703 Ap '66.

POTASSIUM CHLORIDE

Study of the binary system KF - H₂F₄. I. M. Sheiko, H. O. Hukhlova, V. T. Maltsev. Dop. AN URSS no. 6:782-784 '66.

POTASSIUM IN THE BODY

Histochemical characteristics of potassium and calcium of the conjunctiva in trachoma. P. S. Melik-Azlanova. Trudy Azerb. nauch.-issl. inst. oft. 4:13-16 '63.

POTASSIUM IODIDE

Solubility and density of the system potassium iodide-glycerol - n-butanol. A. V. Oryshchenko, O. H. Artemchenko. Dop. AN URSS no. 5:619-623 '66.

POTASSIUM NIOBATE CRYSTALS

Parameters and space group of potassium niobate hydrate. K. N. Mamedov, Kh. S. Mamedov. Azerb. khim. zhur. no. 2:113-115 '64.

POTASSIUM PERMANGANATE

Effect of ultrasonic waves on the process of electrochemical oxidation of potassium permanganate to permanganate. A. P. Gludis. Elektrokhimia 2 no. 6:737-739 Je '66.

POTATO BEETLE—MICROBIOLOGY see subdivision under Transcarpathia

POTATO BREEDING

Akademii nauk SSSR. Dal'nevostochnyi filial, Vladivostok. Biologo-pochvennyi institut. [Breeding and seed production of potatoes; control of degeneration] Selekttsiya i semenovodstvo kartofeli; bor'ba s vyrozhdeniem. Moskva, Nauka, 1966. 215 p. (DNAL)

POTATOES

Advice to potato growers. Agitator no. 10:55-56 Ag '64. Nomogram for technological calculations in potato planting. M. Kulagin. Tekh. v sel'khoz. 26 no. 5:65-68 My '66.

POTATOES—DISEASE AND PEST RESISTANCE

Akademii nauk SSSR. Dal'nevostochnyi filial, Vladivostok. Biologo-pochvennyi institut. [Breeding and seed production of potatoes; control of degeneration] Selekttsiya i semenovodstvo kartofeli; bor'ba s vyrozhdeniem. Moskva, Nauka, 1966. 215 p. (DNAL)

POTATOES—DISEASES AND PESTS

(see also subdivision under Kazakhstan; Kuybyshev Province)

Akademii nauk SSSR. Dal'nevostochnyi filial, Vladivostok. Biologo-pochvennyi institut. [Virus diseases of potatoes] Virussnye bolezni kartofela. Moskva, Nauka, 1966. 211 p. (DNAL)

POTATOES—FERTILIZERS AND MANURES see subdivision under Moscow Province

POTENTIOMETER—RELIABILITY

Chebotaeva, I. L., IU. D. Shcherbina, and E. A. Kaznetsov. [Reliability of potentiometer pickups and their technological guarantees] Nadezhnost' potentsiometri-cheskikh datchikov i ee tekhnologicheskoe obespechenie. Moskva, Mashinostroyeniye, 1966. 113 p.

POTENTIOMETRIC ANALYSIS

Chronopotentiometric measurements in fused chlorides saturated with HCl. V. N. Deviatkin, E. A. Ukehe. Izv. AN SSSR. Met. no. 3:70-83 My-Je '66.

Determination of alkenyl derivatives of naphthalene in the process of liquid-phase oxidation of alkyl-naphthalenes. A. P. Kreshkov and others. Neftekhimika 6 no. 2:329-332 Mr-Ap '66.

Potentiometric analysis of trivalent thallium chloride complexes. F. I. A. Kulhar, IU. B. Iakovlev, V. E. Mitronov. Zhur. ob. khim. 38 no. 6:1003-1008 Je '66.

POULTRY—ANATOMY

Cervical region of the spine of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. N. I. Akashevskii. Trudy TVI 9:18-22 '65.

Comparative anatomy of the head muscles of poultry (chicken, turkey, duck, goose). L. V. Remtsova. Trudy TVI 9:50-67 '65.

Skeleton of the head of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. N. I. Akashevskii. Trudy TVI 9:3-17 '65.

Skeleton of the pelvic girdle and leg of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. G. V. Vladimirov. Trudy TVI 9:51-59 '65.

Skeleton of the thoracic girdle and wing of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. T. S. Saburova. Trudy TVI 9:41-50 '65.

Skeleton of the thoracic, lumbar, sacral, and caudal regions of the spine of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. V. V. Smirnova. Trudy TVI 9:23-32 '65.

POULTRY—DISEASES AND PESTS

Artemichev, M. A. [Prescription manual on poultry diseases] Recepturnyi spravochnik po boleznyam ptits. Moskva, Kolos, 1966. 151 p. (DNAL)

Cytopathogenic action of the virus of duck hepatitis in the tissue culture of its natural host. I. Skovsmannus. Vop. vet. virus. 2:631-632 '66.

Immunogenic relationship of viruses of infections laryngotracheitis of poultry and fowl pox. M. T. Prokof'eva, E. I. Gurova, A. V. Kachakhidze. Vop. vet. virus. 2:615-617 '66.

Zagayevskii, I. S. [Salmonella infections of farm poultry] Salmonellozy sel'skokhoziaistvennykh ptits. Moskva, Kolos, 1966. 119 p. (DNAL)

POULTRY—EMBRYOLOGY see Embryology—Poultry

POULTRY—FEEDING AND FEEDS

Aquatic vegetation of the Selenga Delta lakes. V. G. Goloskokov. Uch. zap. Bur. gos. ped. inst. no. 24: 17-27 '61.

Effect of feed phosphatides on the growth and development of cockerels during fattening. I. S. Cheresheva. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:71-77 '65.

Effect of phosphatides on the growth, development, and the beginning and intensity of egg production in young hens. B. A. Gershenson. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:64-70 '65.

Lake vegetation of the Barguzin Valley as food for water fowl. O. S. Ignatova. Uch. zap. Bur. gos. ped. inst. no. 24: 11-16 '61.

POULTRY—PARASITES see Parasites—Poultry

POULTRY—PHYSIOLOGY

Effect of ionized air on the growth and preservation of baby chicks up to the age of 30 days. V. I. Melnikov. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3: 101-106 '65.

POULTRY, FROZEN

Solubility and electrophoretic changes in sarcoplasmic proteins during the autolysis and freezing of poultry meat. P. E. Pavlovskii, M. P. Grigor'eva. Izv. vys. ucheb. zav.; ptshch. tekhn. no. 3:54-59 '66.

POULTRY HOUSES AND EQUIPMENT

Automated complex of machinery for poultry farms. A. Mikhailchuk, A. Tsymlinov, V. Tealia. Tekh. v sel'khoz. 26 no. 5:54-67 My '66.

POWDER METALLURGY

Interphase tension in powder copper hardened by dispersed Al₂O₃ inclusions. I. Kh. Pivovarov, A. I. Vlasov. Fiz. met. i metallov. 18 no. 1:148-149 JI '64.

Making thin plates of high-melting carbides. B. G. Ignat'yev and others. Atom. energ. 20 no. 6:480-484 Je '66.

POWER ENGINEERING

(see also subdivision under Ukraine)

Carry out the decisions of the 23d Congress of the CPSU. Prom. energ. 21 no. 5:2-4 My '66.

Changes and additions in the instructions on awards for creating and utilizing new equipment. Energetik 19 no. 6:33 Je '66.

Moscow. Energeticheskii institut imeni G. M. Krzhizhanskogo. [Heat exchange in power engineering systems] Teploobmen v elementakh ustanovok. Moskva, Nauka, 1966. 221 p.

Saprykin, V. M. [Power engineering of today and tomorrow] Energetika nastoiashchego i budushchego. Syverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 170 p. Through the pages of technical journals. Prom. energ. 21 no. 5:81 My '66.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER ENGINEERING—CONGRESSES

Fourth Conference on Industrial Power Engineering held in Berlin. S. D. Dubrovina and others. Prom. energ. 21 no. 5:54-55 My '66.

POWER ENGINEERING—EMPLOYEES

(see also subdivision under France; Ukraine)

Foremen of the power engineering department of the Volkhov Aluminum Plant. Prom. energ. 21 no. 5: 49-50 My '66.

POWER ENGINEERING--EMPLOYEES (Continued)

Technique for checking the knowledge of regulations by engineering and technical workers in industrial enterprises. I. I. Valukhin. *Prum. energ.* 21 no. 5:50 My '66.

Work schedule graphs. *Energizh. H* no. 6:33 Je '66.

POWER ENGINEERING--MATHEMATICAL MODELS

Akademika nauk SSSR, *Shirokoe otdelenie, Energeticheskii Institut*. [Use of mathematical modelling in the selection of the parameters of thermal power systems] *Primenenie matematicheskogo modelirovaniya pri vybere parametrov teploenergeticheskikh ustanovok*. Moscow, Nauka, 1966, 179 p.

POWER ENGINEERING--PATENTS

Discovered and inventions. *Prum. energ.* 21 no. 5:50 My '66.

POWER ENGINEERING--PERIODICALS

Conference of the readers of "Teploenergetika." *Teploenergetika* 13 no. 5:91-92 My '66.

Through the pages of technical journals. *Energizh. H* no. 6:30 Je '66.

POWER ENGINEERING--RESEARCH

Minutes of the work of two Siberian institutions at the out-of-town session of the Department of the Physics-Technical Problems of Power Engineering. *Vest. AN SSSR* 26 no. 6:83-89 Je '66.

POWER ENGINEERING--STANDARDS

Power engineering reference sheet. *Energizh. H* no. 6:39 Je '66.

POWER PRESSURE

Experimental study of hydraulic safety gear on a crank press for the extrusion of tubes. I. A. Roshin, V. A. Zdanovich. *Kuz. shidam. proizv.* 11 no. 6:31-37 Je '66.

POWER PRESSURE--DESIGN AND CONSTRUCTION

New structural solution for the crumple of a four-column press. P. A. Pytkin. *Kuz. shidam. proizv.* 11 no. 6:29-37 Je '66.

POWER PRESSURE--MODELS

Studying vibration on the housing of the ATH automatic press by means of an organic glass model. G. A. Navrotsky, V. K. Kolesnikov. *Kuz. shidam. proizv.* 11 no. 6:30-34 Je '66.

POWER PROBLEMS

(See also subcategory under "Low Economic Region")

Principal objectives and prospects for the development of the problem of secondary power resources in non-ferrous metallurgy. G. A. Gromovskiy. *Vopr. teploenerg. i prikl. tekh.* no. 2:6-10 '66.

Van, Y. L. [Economics of the power industry] *Khimiya i tekhnika energizatsii, Khim. i tekhn. izd-vo Kharkovskogo gos. univ.*, 1966, 271 p.

POWER TOOLS--CURRENT SUPPLY

Connecting single-phase power equipment to wall outlets. M. R. Naftali. *Prum. energ.* 21 no. 5:49 My '66.

PRECAST CONCRETE

(See also subcategory under "Leakage")

Vodotanki, I. A. [Production of precast reinforced concrete structural elements and parts] *Izgotovlenie zhelyezobetonnykh konstruktivnykh izdeliy*. [Izd. 3., 3. pereizd.] Moscow, Vyshelezhelozhskaya shkola, 1966, 340 p.

PRECAST CONCRETE CONSTRUCTION

Block-gird storehouse with roofing made of reinforced concrete. *Mak. rel. prom.* 32

Effect of changes in the evaporation from the surface of the precipitation of the given region. A. A. Drobos, A. K. Gulyaev. *Izv. Gosstatizna* 17:26 '66.

Experience in construction of the complex of the hydro-meteorological forecasting center. A. A. Andriyev, I. D. Vasilov. *Meteor. i gidrometeorol.* 11:10-11 '66.

Method of forecasting the tendency of the precipitation. D. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

Methodology of forecasting the precipitation. A. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

Statistical structure of the precipitation. A. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

PRECIPITATION (METEOROLOGY)--MODELS AND MODELS

Evaluating the representativeness of the precipitation data. R. I. Kagan. *Vopr. teploenerg.* 1:10-11 '66.

PRECISION CASTING--see subcategory under "Welding"

PREFABRICATED BUILDINGS--see subcategory under "Housing"

PREFACE

Index and information. *Vopr. teploenerg.* 1:10-11 '66.

PREGNANCY

Detection of pregnancy. *Vopr. teploenerg.* 1:10-11 '66.

PREGNANCY, COMPLICATIONS OF

Zhenitskiy, I. P. [Pregnancy and its complications] *Vopr. teploenerg.* 1:10-11 '66.

PREGNANCY, EXHAUSTION OF

Apoplexy of the pregnancy. *Vopr. teploenerg.* 1:10-11 '66.

PRELIMINARY EXAMINATION & REMEDIAL TREATMENT

Controlling the legality of preliminary examination. *Vopr. teploenerg.* 1:10-11 '66.

Let's do away with the preliminary examination. *Vopr. teploenerg.* 1:10-11 '66.

PREMEDIATION (LAW)

Applying the general definition of premeditation. *Vopr. teploenerg.* 1:10-11 '66.

Definite and definite premeditation. *Vopr. teploenerg.* 1:10-11 '66.

Volitional and intellectual elements of premeditation. *Vopr. teploenerg.* 1:10-11 '66.

PRENATAL CARE

Antenatal protection of the fetus as the basis for the health of the infant. *Vopr. teploenerg.* 1:10-11 '66.

Development of the fetus, the result of the prenatal care. *Vopr. teploenerg.* 1:10-11 '66.

Maternal and fetal health. *Vopr. teploenerg.* 1:10-11 '66.

PRENATAL RISK-FACTORS

Maternal and fetal health. *Vopr. teploenerg.* 1:10-11 '66.

PRESSURE

Graphical method for calculating the pressure. *Vopr. teploenerg.* 1:10-11 '66.

Interpretation of pressure. *Vopr. teploenerg.* 1:10-11 '66.

Method for determining the pressure. *Vopr. teploenerg.* 1:10-11 '66.

PRESSURE--MEASUREMENT

Device for isopiestic measurement. *Vopr. teploenerg.* 1:10-11 '66.

Effect of changes in the evaporation from the surface of the precipitation of the given region. A. A. Drobos, A. K. Gulyaev. *Izv. Gosstatizna* 17:26 '66.

Experience in construction of the complex of the hydro-meteorological forecasting center. A. A. Andriyev, I. D. Vasilov. *Meteor. i gidrometeorol.* 11:10-11 '66.

Method of forecasting the tendency of the precipitation. D. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

Methodology of forecasting the precipitation. A. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

Statistical structure of the precipitation. A. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

Evaluating the representativeness of the precipitation data. R. I. Kagan. *Vopr. teploenerg.* 1:10-11 '66.

Let's do away with the preliminary examination. *Vopr. teploenerg.* 1:10-11 '66.

Definite and definite premeditation. *Vopr. teploenerg.* 1:10-11 '66.

Volitional and intellectual elements of premeditation. *Vopr. teploenerg.* 1:10-11 '66.

Antenatal protection of the fetus as the basis for the health of the infant. *Vopr. teploenerg.* 1:10-11 '66.

Development of the fetus, the result of the prenatal care. *Vopr. teploenerg.* 1:10-11 '66.

Maternal and fetal health. *Vopr. teploenerg.* 1:10-11 '66.

Method for determining the pressure. *Vopr. teploenerg.* 1:10-11 '66.

Interpretation of pressure. *Vopr. teploenerg.* 1:10-11 '66.

Effect of changes in the evaporation from the surface of the precipitation of the given region. A. A. Drobos, A. K. Gulyaev. *Izv. Gosstatizna* 17:26 '66.

Experience in construction of the complex of the hydro-meteorological forecasting center. A. A. Andriyev, I. D. Vasilov. *Meteor. i gidrometeorol.* 11:10-11 '66.

Method of forecasting the tendency of the precipitation. D. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

Methodology of forecasting the precipitation. A. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

Statistical structure of the precipitation. A. A. Pavlov. *Vopr. teploenerg.* 1:10-11 '66.

Evaluating the representativeness of the precipitation data. R. I. Kagan. *Vopr. teploenerg.* 1:10-11 '66.

Let's do away with the preliminary examination. *Vopr. teploenerg.* 1:10-11 '66.

Definite and definite premeditation. *Vopr. teploenerg.* 1:10-11 '66.

Volitional and intellectual elements of premeditation. *Vopr. teploenerg.* 1:10-11 '66.

Antenatal protection of the fetus as the basis for the health of the infant. *Vopr. teploenerg.* 1:10-11 '66.

Development of the fetus, the result of the prenatal care. *Vopr. teploenerg.* 1:10-11 '66.

Maternal and fetal health. *Vopr. teploenerg.* 1:10-11 '66.

Method for determining the pressure. *Vopr. teploenerg.* 1:10-11 '66.

Interpretation of pressure. *Vopr. teploenerg.* 1:10-11 '66.

Effect of changes in the evaporation from the surface of the precipitation of the given region. A. A. Drobos, A. K. Gulyaev. *Izv. Gosstatizna* 17:26 '66.

PRODUCE TRADE

See also subdivision under Korenovsk, Krasnodar Territory; Tyumen' Province; Ukraine)

Organization of the procurement of agricultural products is a nationwide business. L. Kornetov. *Ekonomika*, 41 no. 5:10-15 My '66.

There is a great deal of work ahead. Zakup, sel'khoz. prod., no. 5:1-3 My '66.

Shechepan, A. G., and M. E. Mel'man. [Food products] *Proizvod'stvennye tovary*. Izd. 2, 1 apr. i dop. Moskva, Ekonomika, 1966, 462 p.

PRODUCE TRADE—SCHEDULING

Introduction of network methods of management in procurement. N. Buzulukov, L. Kochetkov. *Zakup, sel'khoz. prod.*, no. 5:1-54 My '66.

PRODUCTION ENGINEERING

Improvement of production processes is an indispensable condition for the increase in efficiency. P. M. Brech. *Prom. Bel.* 9 no. 5:17-20 My '66.

PRODUCTION ENGINEERING—SCHEDULING

Improvement of production management and the network planning and management system. A. A. Murznev, S. V. Kharitonov. *Prom. Bel.* 9 no. 5:51-52 My '66.

Improving the regular flow of production and reducing losses. V. V. Vasmanov. *Prom. Bel.* 9 no. 5:56-58 My '66.

PRODUCTION ENGINEERING—MECHANIZATION

Organizing and planning technical preparation of production under mechanization conditions. P. A. Stabrovskii, Vest. mashinost., 46 no. 5:81-85 My '66.

PRODUCTION STANDARDS

Creation of the norm system is an urgent demand of economics. V. Aleksandrov. *Plan. khoz.* 43 no. 6:2-05 Je '66.

PRODUCTION STANDARDS—RESEARCH

Basic research organizations under the new conditions. *Ekonomika*, 41 no. 6:83-95 Je '66.

PRODUCTIVITY ACCOUNTING

Index of total labor expenditures and its use under the conditions of economic reform. I. Mashinskii, G. Ivanov. *Sots. trud* 11 no. 6:133-138 Je '66.

Ensuring the labor productivity of public work on the basis of the net product. S. I. Ivanov, B. I. Tabachnikova. *Tekhn. zap. Pod. inst. Gerts.* 206:5-36 '66.

PROFIT

See also subdivision under Stinforopol'

Prove profitability in trade. N. Sigunov. *Fin. SSSR* 0 no. 6:66-69 Je '66.

Practical economic efficiency and socialist profitability. M. Medvedev. *Nauch. dokl. vys. shkoly: ekon. nauki* 9 no. 3:6-15 '66.

Olav, B. S., N. A. Petrakov, and S. I. Lushin. [Profit in an economic category of socialism] *Prilozh. k ekonomicheskim kategoriyam sotsializma*. [Moskva, Ekonomika, 1966] 18 p. (Ekonomisty o novoi khozial'stvennoi reforme v SSSR, no. 4)

Profitable production of enterprises and methods for calculating it. D. Molitkov. *Fin. SSSR* 40 no. 6:39-43 Je '66.

What is economic efficiency. F. Sheikhan. *Komm. Vooruzh.* 511 47 no. 12:85-87 Je '66.

PROGRAM MUSIC

Ukh, A. I. [Principle of the program in music] *Fizyologiya programnosti v muzyke*. Kyiv, Naukova dumka, 1966, 173 p.

PROGRAMMED INSTRUCTION

See also subdivision under Soviet Central Asia)

Assess-type device which facilitates the control of errors. V. K. Drachev. *Vest. vys. shkoly* 24 no. 6:42-43 Je '66.

It is discussed some formulations. N. V. Volodin. *Vest. vys. shkoly* 24 no. 5:51-56 My '66.

Machine which analyzes the methods of programmed instruction. O. P. Kuz'menkov. *Vest. vys. shkoly* 24 no. 5:62-63 My '66.

Merical calculations and programmed instruction in the institutions of higher technical education. R. S. Kuter. *Vest. vys. shkoly* 24 no. 6:22-26 Je '66.

Methodology of higher education and its new methods. V. Pototskii. *Vest. vys. shkoly* 24 no. 6:32-39 Je '66.

Role of programmed control. U. M. Agur. *Vest. vys. shkoly* 24 no. 5:66-60 My '66.

PROGRAMMING (MATHEMATICS)

Determination of the optimum plan for the transportation of concrete and reinforced concrete structural elements of precast concrete housing construction by mathematical programming methods. G. V. Pateishvili. *Mat. i zhizn. bet. (Tbilisi)* 1:96-105 '66.

Solution to the traveling agent's problem. L. A. Chelintsev. *Zhur. vych. mat. i mat. fiz.* 6 no. 3:497-500 My-Je '66.

PROJECT GEMINI

Space flight of Gemini 9. F. V. Romanov. *Prirada* 55 no. 7:15-118 '66.

PROKOP' YEVSK (KEMEROVO PROVINCE)—MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING

The five-year plan is to be carried out by us. I. Gilov. *Sov. profsoyuzy* 22 no. 13:6-7 Ji '66.

PROMINENTS (INSECTS) see subdivision under Voronezh Province

PROPAGANDA—AUDIO-VISUAL AIDS

Dolgikh, V. N. [Visual agitprop] *Nagladnaya agitatsiya*. [Kursk] Kurskoe knizhnoe izd-vo, 1964, 98 p. (iz opyta partinnoi raboty) (CS-11)

PROPAGANDA, ANTICOMMUNIST

(see also subdivision under Ghina)

Kellu, V. N. [Characteristics of the ideological struggle of the two world systems] *Osobennosti ideologicheskoi borby dvukh mirovykh sistem*. Moskva, Znanie, 1966, 48 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya: Mezhdunarodnaya, no. 11)

PROPANE

Mobility of hydrogen atoms in monohydroperfluoralkanes and related compounds. Report No. 2: 2-Monohydroperfluorobutane in the Michael reaction. I. I. Kurnits, S. T. Kocharian, E. M. Rokhlin. *Izv. AN SSSR. Ser. khim.* no. 6:1057-1062 '66.

Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part 1: Reaction of propyl and isopropyl hydroperoxides with hydrogen bromide and bromine in the gas phase. A. I. Porolkova, V. V. Voevodskii, A. B. Nalbandian. *Arm. khim. zhur.* 19 no. 2: 93-100 '66.

Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part 2: Evaluation of the rate constant of interaction of radical HO₂ with hydrogen bromide. A. I. Porolkova, V. V. Voevodskii, A. B. Nalbandian. *Arm. khim. zhur.* 19 no. 2: 99-105 '66.

Particular features of the mechanism of propane oxidation in the presence of hydrogen bromide and bromine. Part 3: Photochemical oxidation of propane in the presence of Br₂. A. I. Porolkova, V. V. Voevodskii, A. B. Nalbandian. *Arm. khim. zhur.* 19 no. 2: 96-110 '66.

2-Acetoxy-2-nethylaminohexafluoropropane and its reactions. I. L. Kurnits, I. V. Zelfman, N. P. Gamberian. *Izv. AN SSSR. Ser. khim.* no. 6:1108-1110 '66.

PROPANEDIOL

Glycol ethers and their derivatives. Part 106: Synthesis of alkoxymethyl ethers of 1-hexamethylentetra-2, 3-propanediol. Shakhmat Mamedov, F. R. Gadzhiev, D. N. Khydyrov. *Zhur. org. khim.* 2 no. 4:653-655 Ap '66.

PROPELLERS

Testing the efficiency of Kort nozzles on passenger vessels. E. Ratner. *Rech. transp.* 23 no. 4:21-23 Ap '64.

PROPENE

Isobutyraldehyde and isobutyraldehydes in the products of propylene hydroformylation. K. A. Aleksaeva and others. *Neftekhimiya* 6 no. 2:276-281 Mr-Apr '66.

Interaction of atomic oxygen generated in the gas phase with solid hydrocarbons. Part 2: Reactions of atomic oxygen with solid propylene at 77-67° K. V. M. Orlov, A. N. Ponomarev. *Kin. i kat.* 7 no. 3:410-424 My-Je '66.

Kinetics of catalytic hydrolysis of allyl chloride in alkali medium. I. U. A. Treger, R. M. Filat, N. A. Vorontsova. *Kin. i kat.* 7 no. 3:448-454 My-Je '66.

Kinetics of gas-phase propylene hydroformylation. V. I. Gankin and others. *Neftekhimiya* 6 no. 2:271-275 Mr-Apr '66.

Mathematical modeling of a reactor with fluidized bed in the process of propylene oxidation. I. A. B. Kadyrov, M. I. Rustamov, R. I. Zeinalov. *Azerb. nef. khoz.* 45 no. 5:39-41 My '66.

PROPIONIC ACID

β -(p-Alkylmercaptobenzoyl) propionic and o(p'-alkylmercaptobenzoyl) benzoic acids. E. A. Shokova, E. Menkell. *Zhur. org. khim.* 2 no. 4:710-713 Ap '66.

Synthesis of ω -amino acids of the cyclohexane series. Part 3: Preparation of trans- β -(4-amino-cyclohexyl)-propionic acid from β -(4-keto-cyclohexyl)-propionic acid oxime. I. D. Plotnaya, R. S. Murumova, I. V. Pervukhina. *Zhur. ob. khim.* 30 no. 6:1035-1041 Je '66.

PROPORTIONING EQUIPMENT

Butcher for catalyst feeding. I. U. S. Khidkov, Kh. M. Minchev. *Kin. i kat.* 7 no. 3:60-67 My '66.

Determination of the actual output precision of a proportioner with measuring cups. I. I. Storizhko. *Izv. vys. ucheb. zav. ipishch. tekhn.* no. 3:111-115 '66.

Proportioning devices. *Transp. i khran. nefi i nefteprod.* no. 3:40-41 '65.

Solenoid valve. M. M. Shmalin. *Khleb, i kond. prom.* 10 no. 5:36-37 My '66.

PROPYNE

Oxidation of methylacetylene on copper catalysts. N. I. Popova, I. U. A. Poltavchenko, V. P. Latyshev. *Kin. i kat.* 7 no. 3:489-493 My-Je '66.

PROSE LITERATURE—HISTORY AND CRITICISM

Shklovskii, V. B. [Stories about prose; thoughts and critiques] *Povesti o proze; razmyshleniya i razbory*. Moskva, Khudozhestvennaya literatura, Vol. 1. [In which Western prose is discussed, for the main part] *Rasskazyvalischi, glavnyim obrazom, o zapadnoi proze*. 1966, 335 p.

PROSOBRANCHIATA see subdivision under Rybinsk Reservoir

PROSPECTING

(see also subdivision under Kazakhstan; Pechora Valley; Timan Range; West Siberian Plain)

Carry out successfully the plan of geological prospecting in 1965. V. I. Kuz'menko. *Razved. i okh. nedr.* 31 no. 10: 1-6 O '65.

Let us successfully fulfill the objectives of the seven-year plan. M. V. Reznichenko. *Razved. i okh. nedr.* 31 no. 10: 50-61 O '65.

Nomogram for the determination of the angle of incidence of a layer in oblique cross sections. S. K. Abdrakhmanov. *Razved. i okh. nedr.* 32 no. 5:49-50 My '66.

Prospecting for mercury deposits in the plain regions of northern and central Kazakhstan. V. E. Polarkov. *Razved. i okh. nedr.* 31 no. 10:6-8 O '65.

Raise the requirements for prospecting for quarries to supply fill. A. M. Shepelev. *Transp. stroit.* 16 no. 6: 59 Je '66.

Role of physicochemical properties of rocks and the determination of an effective system for the development of deposits. K. P. Katin and others. *Razved. i okh. nedr.* 32 no. 5:37-39 My '66.

Twenty-third Congress of the Communist Party of the Soviet Union and problems of the geological survey for 1966-1970. A. V. Sidorenko. *Razved. i okh. nedr.* 32 no. 5:1-4 My '66.

PROSPECTING—COSTS

Evaluation of the economic efficiency of prospecting for underground waters. A. I. Arisev. *Razved. i okh. nedr.* 31 no. 10:29-31 O '65.

PROSPECTING—ESTIMATES

Russia (1923- U.S.S.R.) *Gosudarstvennyi geologicheskii komitet*. [Collection of uniform, regional standard estimates for geological prospecting operations] *Sbornik edinykh poratennykh edinitsnykh raschetov na geologorazvedochnye raboty*. Moskva, Kartopredpriyatie VGF No. 10. [Construction of temporary buildings and structures] *Postroika vremennykh zdani i sooruzhenii*. [2., 1 apr. i dop. izd.] 1965, 461 p.

PROSPECTING—GEOPHYSICAL METHODS

Latysheva, M. G. [Practical manual on the interpretation of the diagrams of geophysical methods for the study of oil and gas wells] *Prakticheskoe rukovodstvo po interpretatsii diagramm geofizicheskikh metodov issledovaniya nefitnykh i gazovykh skvazhin*. Pod red. D. I. D'akovna. Moskva, Nedra, 1966, 170 p. folded diagrs. (insert)

Make better use of the possibilities of geophysical methods in prospecting for minerals. B. A. Igoshin. *Razved. i okh. nedr.* 31 no. 10:34-37 O '65.

Studying the cross sections of wells according to data on the joint interpretation of curves of self-potentials and gamma radiation. D. E. Kovalenko. *Nef. i gaz. prom.* no. 3:11-16 My-Je '66.

PROSTHESIS

Plastic surgery on arteries using synthetic fiber prostheses in operations for traumatic aneurysms. M. I. Lytkin. *Voen.-med. zhur.* no. 6:30-38 Je '66.

PROSTHODONTICS

Gavrilov, E. I. [Theory and clinical aspects of the use of partial removable prostheses] *Teoriya i klinika protezirovaniya chastichnymi s'mennymi protezami*. Moskva, Meditsina, 1966, 277 p. (DNLM)

PROTECTION OF PLANTS see Plants, Protection of

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Coating metals with plastics. *Za tekhn. prog.* 4 no. 11: 48 N '64.

Effect of temperature on the protective properties of bitumen-based coatings. A. A. Emkov. *Transp. i khran. nefi i nefteprod.* no. 3:13-15 '65.

Wear resistance of internal electrolytic iron coatings of cylinders. Sh. Z. Zakirov. *Trudy Tadzh. sel'khoz. inst.* 7:43-45 '65.

PROTECTIVE COATINGS—FATIGUE

Effect of various kinds of additions in iron chloride electrolytes on the fatigue strength of coatings. M. M. Lekhikoinen. *Trudy Tadz. sel'khoz. inst.* 7:21-24 '65.

PROTEIN METABOLISM

Authoradiographic study of protein metabolism in areolar tissue cells. N. G. Khurshchev. *Ark. anat., gist. i embr.* 50 no. 5:14-21 My '66.

Participation of proteins-precursors in the mechanism of synthesis of specific proteins. I. I. Ivanov and others. *Dokl. AN SSSR* 168 no. 4:942-943 Je '66.

Protein metabolism in pregnant fine-wool sheep and their fetuses under various levels of nutrition. O. V. D'achenko, A. Sh. M. Amaraev. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 6:48-52 Je '66.

Protein synthesis and regulative processes in the cell. L. N. Zhinkin. *Ark. anat., gist. i embr.* 50 no. 5:13-15 My '66.

Study of the protein and carbohydrate components of the aortic wall of dogs during the development of experimental atherosclerosis. V. B. Lysenko and others. *Dokl. AN SSSR* 168 no. 4:926-928 Je '66.

PROTEINS

Antigenic properties of DNA entering into the artificial DNA-protein complex. K. V. D'lin. *Biul. eksp. biol. i med.* 61 no. 6:59-61 Je '66.

Changes occurring in the protein substances of castor plant seeds during drying. V. M. Kopeikovskii, L. G. Nebroeva. *Izv. vys. ucheb. zav. i pishch. tekhn.* no. 3:15-17 '66.

Determination of a protein admixture in honey. A. I. Kalinina, E. G. Ulanov. *Sbor. nauch. rab. stud. Sar. zootekh. - vet. inst.* 3:30-34 '65.

Effect of mineral nutrition on the protein complex in sugar beets. E. A. Tonkal, E. P. Naumova, Khim. v sel'khoz. 4 no. 2:2-5 F '66.

Production of standard radioactive protein preparations. V. M. Bogolubov, E. N. Denisov. *Med. rad.* 11 no. 6: 63-65 Je '66.

Protein in rations for Kazakh fine-wool ram lambs. V. A. Plotnikov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 5:40-44 My '66.

Shamin, A. N. [Development of protein chemistry] Razvitiye khimii belka. Moskva, Nauka, 1966. 170 p. Solubility and electrophoretic changes in sarcoplasmic proteins during the autolysis and freezing of poultry meat. P. E. Pavlovskii, M. P. Grigor'eva. *Izv. vys. ucheb. zav. i pishch. tekhn.* no. 3:54-58 '66.

Some data on the protein content of milk of the Ural Black and White and Tagil cattle. G. F. Golits. *Izv. Kuib. SKHU* 17:226-235 '65.

PROTEINS—SPECTRA

Spectral-luminescent study of the π - π electron transition in some proteins. G. I. Kobayev, G. N. Lialin. *Vest. LGU* 21 no. 10:26-29 '66.

PROTEINS AS FEED

Protein feeding to farm animals and the use of carbamide. D. V. Elpat'evskii. *Uch. zap. Ped. inst. Gerts.* 312:260-269 '66.

PROTONS

Fissionability of nuclei in the region Z^2/A above 35 in high energy proton fission. V. A. Konshin, E. S. Matushevich, V. I. Regushevskii. *Izd. fiz.* 4 no. 1: 97-98 J1 '66.

Inelastic π -p-interactions with a 17 GeV slow recoil proton. S. A. Azimov and others. *Izd. fiz.* 4 no. 1: 169-177 J1 '66.

Proton transfer to weak bases. Part 2. N. P. Komar', Nguyen-tinh-Dung. *Zhur. fiz. khim.* 40 no. 5:1077-1081 My '66.

PROTONS—CAPTURE

Study of γ -rays from the reaction of inelastic scattering and radiative capture of protons by ^{26}Mg nuclei. A. A. Koval' and others. *Izv. AN SSSR. Ser. fiz.* 30 no. 7: 1213-1220 J1 '66.

PROTONS—PHYSIOLOGICAL EFFECT

Therapeutic effectiveness of bone marrow in the irradiation of mice with high-energy protons. I. U. M. Zaretskaya. *Biul. eksp. biol. i med.* 61 no. 6:38-39 Je '66.

PROTONS—SCATTERING

Analysis of the composition of materials based on inelastic scattering of fast charged particles. S. S. Vasil'ev and others. *Atom. energ.* 20 no. 5:432-434 My '66.

Study of the inelastic scattering of protons on Al^{27} with the energy near 6 mev. A. E. Antropov and others. *Izv. AN SSSR. Ser. fiz.* 30 no. 7:1197-1203 J1 '66.

PROTOPLASM

Effect of the ions of mineral nutrient salts on the state of the protoplasm of plant cells. A. M. Alekseev, A. A. Abdurakhmanov. *Fisiol. rast.* 13 no. 3:462-468 My-Je '66.

Problem of the nuclear-cytoplasmic ratio. A. A. Klishov. *Ark. anat., gist. i embr.* 50 no. 3:106-117 Mr '66.

PROTOZOA

DNA synthesis in the mitochondria of protozoans. V. K. Nilova, K. M. Sukhanova. *Dokl. AN SSSR* 168 no. 4: 921-923 Je '66.

PROTOZOA, PATHOGENIC

Experimental besnoitiosis in rabbits. B. P. Vsevolodov, E. I. Gapparov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 6:86-88 Je '66.

PROVERBS

Shergin, Boris, comp. [A kind, fine fellow; Russian proverbs] Dobryi melodist; russkie posloviitsy. Moskva, Deiskiaia lit-ra, 1964. 32 p. (Shkol'naya biblioteka) (Mdu)

PROVERBS, ENGLISH

Gvardzhadze, L. S., ed. [500 English proverbs and sayings] 500 angliiskikh posloviits i pogovorok. Sost. I. S. Gvardzhadze, A. L. Glibertson, T. G. Kochinashvili. 4. Izd. Moskva, Izd-vo lit-ry na inostr.azykakh, 1959. 34 p. (MIU)

PSEUDOCOLINESTERASE

Presence of pseudocholinesterase in rabbit tissues. N. V. Vladeeva. *Ark. anat., gist. i embr.* 50 no. 3: 33-36 Mr '66.

PSEUDORABIES—MICROBIOLOGY

Preservation of dried strains of the Aujeszky's disease virus. B. V. Sidorenko. *Vop. vet. virus.* 2:647 '66.

PSKOV PROVINCE—AGRICULTURAL ADMINISTRATION

Party organizations and collective farm democracy. A. Kozlov. *Part. zhizn'* no. 15:37-41 Ag '66.

PSKOV PROVINCE—LIBRARIES AND READERS

Tell me, what do you read? V. Novikov. *Mol. komm.* no. 8:119-123 Ag '64.

PSKOV PROVINCE—SWINE—FEEDING AND FEEDS

Our practice. K. Smirnova. *Sov. torg.* 39 no. 6:43-44 Je '66.

PSKOV PROVINCE—TRACTORS—MAINTENANCE AND REPAIR

Specialization of repairing workshops. I. Usevich. *Tekhn. v sel'khoz.* 25 no. 3:77-78 Mr '66.

PSORIASIS

Results of the treatment of patients with psoriasis in the hydrogen sulfide hospital of Otkryab'skiy (Banskir) A. S. S. R. I. V. V. Zdanovich, G. G. Gabdulina. *Vop. kur., fizioter. i lech. fiz. kul't.* 31 no. 2:177-178 Mr-Apr '66.

Treatment and prevention of psoriasis. I. I. A. Ashmarin. *Voen.-med. zhur.* no. 5:45-52 Je '66.

PSYCHIATRY

Khbarovskoe nauchnoe obshchestvo nevropatologov i psikiatrov. [Problems of neuropathology and psychiatry; papers of the Khbarovsk Society of Neuropathologists and Psychiatrists] Voprosy nevropatologii i psikiatrii; sbornik trudov Khbarovskogo nauchnogo obshchestva nevropatologov i psikiatrov. Khbarovsk, Khbarovskoe knizhnoe izd-vo, 1965. 302 p. (DNLM)

Mobile seminar of the World Health Organization on problems of mental hygiene and the arrangement of psychiatric aid. N. M. Zharikov, M. G. Shechirina. *Zhur. nevro. i psikh.* 60 no. 5:769-791 '66.

Use of derivatives of γ -aminobutyric acid in psychiatric practice. V. M. Banskikov, F. V. Borezlin. *Zhur. nevro. i psikh.* 60 no. 5:763-767 '66.

PSYCHIATRY—BIBLIOGRAPHY see Bibliography—Psychiatry

PSYCHIATRY—CONGRESSES

Information on the joint scientific session of the Neurological Institute of the Academy of Medical Sciences of the U. S. S. R., the Clinic of Neural Diseases of Sverdlovsk Medical Institute, and the Sverdlovsk Society of Neuropathologists and Psychiatrists, held in Sverdlovsk. D. G. Shefer, O. V. Grinkevich. *Zhur. nevro. i psikh.* 60 no. 5:791-793 '66.

PSYCHIATRY—STUDY AND TEACHING

New program for the course of psychiatry. E. A. Shcherbina and others. *Zhur. nevro. i psikh.* 60 no. 5: 782-783 '66.

PSYCHOLOGY

Odessa. Universitet. [Anniversary session dedicated to the centenary of the I. I. Mechnikov Odessa State University; philosophical sciences, education, and psychology (theses of the reports, May 18-19, 1965)] Iuvileina naukova sesia, pryvachenna 100-richchuu Odes'koho derzhavnoho universitetu im. I. I. Mechnikova; filozofichni nauki, pedagogika ta psikhologiya (tezisy dopovidel, 18-19 travnia 1965 r.). Odessa, 1965. 81 p.

PSYCHOLOGY—CONGRESSES

18th International Psychological Congress. *Zhur. nevro. i psikh.* 60 no. 5:794-796 '66.

PSYCHOLOGY, MILITARY

All commissioned officers should study psychology and pedagogy. V. Troitskii. *Komm. Vooruzh. Sil* 47 no. 14:61-63 J1 '66.

PSYCHOLOGY OF READING see Reading, Psychology of

PSYCHOSES

Clinical aspects and differential diagnosis of transitory psychoses in children and adolescents; based on catamnestic data. V. M. Lapandin. *Zhur. nevro. i psikh.* 66 no. 7:1057-1062 '66.

Some changes in the course of alcoholic psychoses. S. A. Putai. *Zhur. nevro. i psikh.* 66 no. 5:740-749 '66.

PUBLIC BUILDINGS—DESIGN AND CONSTRUCTION

Ospov, L. G., P. P. Sorbinovich, and V. E. Kraevskii. [Public and industrial buildings; architectural design (features and elements of buildings)] Grazhdanskoe i promyshlennye zdania; arkhitekturno-konstruktivnye skhemy i elementy zdania. Izd. 4., perer. i dop. Pod obshch. red. L. G. Ospova. Moskva, Vysshaya shkola, 1969. 479 p.

PUBLIC HEALTH

(see also subdivision under Siberia; Soviet Far East; Ukraine)

Agayev, E. R. and E. E. Sarkisants. [Hygiene and the fundamentals of the organization of public health] Gigena osnovami organizatsii zdoravookhraneniia. Moskva, Meditsina, 1966. 247 p. (DNLM)

Moscow. Nauchno-issledovatel'skii institut gigeny. [Hygienic problems of the planning and sanitary protection of the atmospheric air] Voprosy gigeny planirovki i sanitarnoi okhrany atmosferynoy vozdukh. Moskva, 1966. 173 p. (Its: Uchenyye zapiski)

Stepanov, V. S. [Organization of the work of the apparatus of public health organs] Organizatsiia raboty apparata organov zdoravookhraneniia. Moskva, TeINTI, 1966. 44 p. (DNLM)

PUBLIC HEALTH—HANDBOOKS, MANUALS, ETC.

Veher, L. G. [Sanitary and epidemiological service in the system of health protection for the population of the U. S. S. R.; a textbook for doctors attending group courses with previous group training in the organization of sanitary and epidemiological affairs and the organization of public health] Sanitarno-epidemiologicheskaya sluzhba v sisteme okhrany zdorov'ia naseleniia SSSR; uchebnoe posobie dlia vrachei-kursantov tsiklov a predtshchodov podgotovki po organizatsii sanitarno-epidemiologicheskogo dela i organizatsii zdoravookhraneniia. Moskva, TSentr. in-t unovershenstvovaniia vrachei, 1966. 117 p.

PUBLIC INSTITUTIONS—AUDITING AND INSPECTION

Report analysis on carrying out the estimated expenditures of a public institution. V. Rosikhin, P. Finaev. *Fin. SSSR* 40 no. 6:73-79 Je '66.

PUBLIC OPINION

(see also subdivision under Belgium; United States)

Institutes of public opinion in capitalist countries. M. Mozhina. *Mezhdunar. zhizn'* 13 no. 6:149-151 '66.

PUBLIC PROSECUTORS

(see also subdivision under Lugansk Province)

From the supervisory work of public prosecutors. *Rad. pravo* 20 no. 6:98 Je '66.

Chitsburg, V. G., ed. [The prosecutor protest in criminal cases] Protest prokurora po upolovym delam. [By] M. I. Bazhanov i dr. Moskva, Iuridicheskaya literatura, 1966. 127 p.

How public prosecutors supervise the legality of the eviction of tenants from their living quarters by administrative agencies. I. A. D. Innovskii. *Sov. gos. i pravo* 36 no. 7:142-146 J1 '66.

How public prosecutors supervise the observance of laws in some acts of criminal investigation. I. I. Aksen'skiy. *Rad. pravo* 20 no. 6:27-29 Je '66.

[Prosecutorial supervision in the U. S. S. R.] Prokurorskiy nadzor v SSSR. Moskva, Iuridicheskaya literatura, 1966. 330 p.

Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Program on procuratorial supervision in the U. S. S. R. for law schools] Programma po prokurorskomu nadzoru v SSSR dlia iuridicheskikh vysshiikh uchebnykh zavedenii. [n.p.] Rosvuzizdat, 1962. 11 p.

PUBLIC SPEAKING

Contact with the audience during a talk. A. Tolmachev. *Agitator* no. 16:37-40 Ag '64.

PUBLISHERS AND PUBLISHING

(see also subdivision under Ukraine)

Books and bibliography. N. M. Sikorski. Kniga; issl. i mat. 11:5-16 '65.

Current problems in the publication of mass political books. L. N. Kastrilina. Kniga; issl. i mat. 10:48-61 '65.

Early publishing and printing enterprises of Moscow University. E. I. Katsprzhak. Kniga; issl. i mat. 11:199-222 '65.

For the further development of the work of publishing houses. K. M. Bogolubov. Kniga; issl. i mat. 10:5-18 '65.

Preparing the publication of books on the history of industrial plants and factories. N. K. Argutinskaya. Kniga; issl. i mat. 11:56-75 '65.

Production of books in the U.S.S.R. and the basic principles of business relations between publishers and booksellers. A. Kuznetsov. Knizh.torg. 17 no.6:32-34 Je '66.

The Publishing House of Writers in Moscow, 1912-1923. O. D. Golubeva. Kniga; issl. i mat. 10:192-220 '65.

PUGACHEV REBELLION

Preliminary examination of the E. I. Pugachev case and his trial (continuation). Vop. ist. 41 no.7:92-109 Ji '66.

PULMONARY CIRCULATION

Dystonia of pulmonary vessels in radiation sickness and its prevention with radiation-protective agents. I. S. Anosov. Med. rad. 11 no.6:44-49 Je '66.

Hemodynamics of the pulmonary circulation following single- and bilateral autotransplantation of the lungs. E. N. Meshalkin and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:139-136 '65.

PULMONARY FIBROSIS

Reactions of patients with pneumosclerosis to sea baths according to oscillographic data. I. L. Afonskaya. Vop. kur., fizioter. i lech. fiz. kul't. 31 no.2:128-132 Mr.-Ap '66.

PULSE

Changes in the distribution rate of the pulse wave in hypertension before and following treatment. K. T. Gasparyan. Zhur. eksper. i klin. med. 6 no.2:29-33 '66.

PULSE CIRCUITS

Frequency analysis of discrete circuits with delay lines. V. V. Mischenko. Radiotekh. i elektron. 11 no.7:1200-1209 Ji '66.

Generator of large video impulses with an inductive storage device. P. N. Matkhanov and others. Izv. vys. ucheb. zav.; energ. 9 no.5:28-32 My '66.

PULSE CIRCUITS—NOISE

Noise characteristics at the output of an integrator in nonsteady operation. A. S. Protodopov. Radiotekh. i elektron. 11 no.6:1005-1018 Je '66.

PULSE TECHNIQUES (ELECTRONICS)

Effect of the distribution of pole terminals within a singular periphery of a z-plane on the properties of pulse signal accumulators. M. I. Finkel'shtein. Radiotekhnika 21 no.5:53-61 My '66.

Orlovlevich, V. I., and I. A. Immoreev. [Radio pulse frequency conversion] Radiotekhnika preobrazovanie chastoty. Moskva, Sovetskoe radio, 1966, 334 p.

One method for calculating the spectrum of high-frequency pulses with long duration using frequency modulation. A. D. Shushkevich, I. A. Povel'ev, V. P. Kharabertush. Radiotekhnika 21 no.5:67-69 My '66.

Use of the pulse nonchromatographic technique for investigating the kinetics of heterogeneous catalytic reactions. N. Petsev, Kh. Dimitrov. Khim. i kni. 7 no.3:335-339 My-Je '66.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Analysis of the dynamic characteristics of feed pumps with hydraulic clutches. A. N. Turkin. Teploenergetika 13 no.5:38-41 My '66.

Automatic priming of pumps during their start. M. P. Suslov. Prom. energ. 21 no.5:26-29 My '66.

Designing discharge units for water pumping stations. A. A. Rimkus. Gidr. i mel. 18 no.6:51-54 Je '66.

Effect of the deformation of the bushings of pump components on their operational indices and life. V. N. Ivanov, N. P. Ustinov, G. I. Levin. Energomashinostroyeniye 11 no.12:3-6 D '66.

Functional kinematic dependences of the NB-9 crankless nine-cylinder pump. L. M. Logov, I. L. Logov. Izv. vys. ucheb. zav.; mashinost. no.4:93-99 '66.

Improvement of IZGR-81 dredge pumps. I. T. Zavgorodnii. Energetik 14 no.6:10-12 Je '66.

Some data on the design of propeller-type pumps. S. A. Filipovich. Energomashinostroyeniye 12 no.6:47-49 Je '66.

PUMPING MACHINERY—ABSTRACTS

[Journal of abstracts: Manufacture of pumps and compressors] Ref. zhur. i Nasosost. i kompressorost. nos.5-8 My-Je '66.

PUMPING MACHINERY—DESIGN AND CONSTRUCTION

Some changes in the design of SGREM pumps. K. G. Kashkurova. Dob. i obog. rud. i svet. met. no.3:45-46 '64.

PUMPING MACHINERY—ELECTRIC DRIVING

Technical and economic comparisons between STM-4000-2 synchronous and AFZ-4500-1500 asynchronous motors for 250-11-5 pump drives. O. V. Litvinenko. Gaz. prom. 11 no.5:24-25 '66.

PUMPING MACHINERY, ELECTRIC

Savvin, I. U. M. [Pumped-storage electric power plants] Gidroelektrifikatsiya elektrostani. Moskva, Energiya, 1966, 135 p.

PUNCHED CARD SYSTEMS see subdivision under White Russia

PUNCHED CARD SYSTEMS—ADDRESSES

Practices in making a mechanized card catalog of addresses. S. G. Dermal', N. G. Timacheva. NTI no.5:8 '66.

PUNCHED CARD SYSTEMS—AGRICULTURAL MACHINERY INDUSTRY see subdivision under Khorel (Ukraine)

PUNCHED CARD SYSTEMS—ELECTRIC MACHINERY INDUSTRY see subdivision under Kuznetsk Basin

PUNCHED CARD SYSTEMS—EQUIPMENT AND SUPPLIES (see also subdivision under Vilnius)

Device for the P80-6 perforator. A. Sokolov. Sber. inform. mat. Glav. upr. vych. rab. no.3:60-62 '65.

PUNCHED CARD SYSTEMS—MACHINE-TOOL INDUSTRY see subdivision under Moscow

PUNCHED CARD SYSTEMS—MEDICINE

Use of punched card computers for the compilation of summary medical records. G. G. Zalze, V. N. Smirnov. Voen.-med. zhur. no.5:61-63 My '66.

PUNCHED CARD SYSTEMS—METALLURGY

Using a combined code in indexing materials of the abstracts journal "Metallurgiya" on punched cards. E. D. Iuganson. NTI no.5:35 '66.

PUNCHED CARD SYSTEMS—TIME MEASUREMENTS

Processing the time measurement data with the aid of tabulating punched-card machines. O. P. Suslov, M. I. A. Fleishman. Ugol' Ukr. no.6:27-28 Je '66.

PUNCTURES (MEDICINE)

Izbyk's puncture of the left auricle of the heart in the diagnosis of mitral cardiac defects. V. N. Zhigalkin, I. A. Tikhonov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:58-61 '65.

Therapeutic and prophylactic significance of the puncture therapy method in some inflammatory diseases of the female genital sphere. A. M. Masal, V. G. Petrosian. Azerb. med. zhur. 43 no.4:61-67 Ap '66.

PUNISHMENT

Ensure the recovery of fines imposed in administrative proceedings. O. S. Kolbasov. Uch. zap. VNISZ no.5:142-146 '65.

Problems of the expiration of penalty. V. Tkachenko. Rad. pravo 29 no.5:28-30 My '66.

Substitution of the unexpired term of imprisonment by a lighter form of punishment. I. U. M. Tkachevskii. Vest. Mosk. un. Ser. 12; Pravo 21 no.1:30-36 Ja-F '66.

PUPIL (EYE)

Pupillary component of the secondary lamina quadrigena syndrome in tumors of the temporal lobes; a pupillographic study. A. L. Shapiro. Zhur. nevro. i psikh. 66 no.5:667-692 '66.

PUS see Suppuration

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—MUSEUMS, RELICS, ETC.

Cordial feelings. E. Krokhotov. Nar. obr. no.6:66-68 Je '66.

PYRANONE

Semisynthetic penicillins with the γ -pyrone system in the side chain. N. M. Vikhrova, I. T. Strakov, G. A. Garuksha. Antibiotiki 9 no.10:667-671 O '64.

PYRIDINE

Proton transfer to weak bases. Part 2. N. P. Komar', Nguyen-thi-Dung. Zhur. fiz. khim. 40 no.5:1077-1081 My '66.

PYRIDOXAL

Determining the affinity between pyridoxal phosphate and amino acids. V. I. Vasil'ev, V. I. Morozov. Vest. LGU no.9:143-145 '66.

PYRIMIDINE

Formation of hexahydropyrimidine derivatives in Mannich reaction with sulfone. V. P. Horovik, V. P. Mamnev. Izv. SO AN SSSR no.3, Ser. khim. nauk no.1:95-97 '66.

Pyrimidines. Part 9: Synthesis of benzo [h] quinoxaline derivatives with the use of aromatic and heterocyclic aldehydes. V. P. Sedova, L. D. Dikanskaya, V. P. Mamnev. Izv. SO AN SSSR no.3, Ser. khim. nauk no.1:98-103 '66.

PYRITES see subdivision under Transbaikalia

PYROCATECHOL

Synthesis of alkyl(halalkyl)pyrocatechol phosphites. P. A. Kirpichnikov, I. M. Popova, G. I. A. Richmond. Zhur. ob. khim. 36 no.5:1133-1147 Je '66.

PYROCHLORE

Process of the pyrochlorization of samarskite varieties. A. P. Kalita. Geokhimiya no.10:1028-1036 O '64.

PYROLYSIS

Pyrolysis of wood fines in a fluoridized bed. V. V. Fedotov. Izv. vys. ucheb. zav.; les. zhur. 9 no.2:130-133 '66.

PYRYLIUM COMPOUNDS

Cytogenetic action of pyrylium salts. I. D. Teletskii and others. Zhur. VNIIO 11 no.3:359-360 '66.

PYSHMA VALLEY—BIRCH

Birch types in the Pyshma Valley forests of the Trans-Ural area and their valuation and morphological characteristics. A. K. Makhnev. Trudy Inst. biol. UFAN SSSR no.47:41-58 '65.

PYSHMA VALLEY—PINE

Developing methods for estimating the productivity of Scotch pine as related to the variability of trees with regard to diameter and fruiting intensity. S. A. Mamnev, V. M. Iatsenko. Trudy Inst. biol. UFAN SSSR no.47:63-68 '65.

QUADRATIC FORMS see Forms, Quadratic

QUADRATURE FORMULA

Best numerical quadrature formulas for random functions of a special type. R. I. Kagan. Trudy GGO no.101:77-85 '66.

A quadrature formula containing special arithmetic functions. S. Shushkevich. Vop. vych. mat. i tekhn. 7:43-53 '65.

QUALITY CONTROL—ECONOMIC ASPECTS

Economic significance of improving the quality of production during the large-scale building of communism. I. A. Sh. Kotlikov. Trudy INKH no.28:47-36 '65.

QUANTUM CHEMISTRY—TABLES, ETC.

Kruglik, I. U. A. [Tables of quantum chemistry integrals] Tablitsy integralov kvantovoi khimii. Khar'kov, Izd-vo Khark'ovskogo univ.

Vol. 2. [Tables of certain molecular two-center one-electron integrals] Tablitsy nekotorykh molekulyarnykh dvukhtsentrovnykh odnoelektronnykh integralov. 1966, 179 p.

QUANTUM ELECTRODYNAMICS

Angular correlation of the inelastic scattered ions and γ -quanta emitted after the coulomb excitation of Mo^{97} , Pu^{103} , and Ba^{135} . I. N. Galperin, G. M. Gusevskii, I. Kh. Lemberg. Izv. AN SSSR. Ser. fiz. 30 no.7:1221-1227 Ji '66.

Coulomb excitation of light nuclei at exceeding barrier energy. O. F. Alontin, A. P. Grinberg, I. Kh. Lemberg. Izv. AN SSSR. Ser. fiz. 30 no.7:1142-1149 Ji '66.

QUANTUM ELECTRONICS

The Franck-Condon principle and the mechanism underlying the formation of an inversion in molecular transitions. G. G. Petrashev. Zhur. prikl. spekt. 4 no.5:395-402 My '66.

QUANTUM FIELD THEORY

Quantum field theory with indefinite metric in Hilbert space. A. D. Galanin. Izd. fiz. 4 no.1:203-215 Ji '66.

QUANTUM THEORY

Competition between transitions, and generation on the 6401 Å line without a dispersing prism in the resonator of an He-Ne laser. L. S. Vasilenko, V. P. Chebotayev. Opt. i spekt. 20 no.5:915-916 My '66.

Description of quantum transitions based on the concept of the matrix for transition probability amplitudes. V. S. Lashin. Vest. LGU 21 no.10:76-80 '66.

- QUANTUM THEORY (Continued)**
Effect of collective interactions on the shape of optical lines and the energy transfer processes. U.Kh.Kopvillem, V.R.Nagibarov. Opt. i spekt. 20 no.5:809-813 My '66.
Effect of the medium on the spontaneous radiation of a molecule. A.A.Korotkiy. Opt. i spekt. 20 no.5:780-782 My '66.
Excitation of atoms by neutral particles. A.V.Vinogradov, I.A.Polnitsky. Teplofiz. vys. temp. 4 no.1:3-11 Ja-F '66.
Interaction between impurity particles through a phonon field. V.R.Nagibarov, I.A.Nagibarov. Opt. i spekt. 20 no.5:814-822 My '66.
Multipolarity of transitions inside the band $K^{\pi} = 4$ in Er^{158} . V.A.Bondarenko, P.T.Prokof'ev. Izv. AN SSSR. Ser. fiz. 30 no.7:1173-1175 Ji '66.
Oscillatory structure of the ground level and excited levels of UO_2^{++} in $K_2[UO_2(CO_3)_3]$. D.S.Gorbenko-Germanov, R.A.Zenkova. Opt. i spekt. 20 no.5:842-847 My '66.
Quantum theory of Kerr effect in ferromagnetic metals. A.V.Ved'yaev, E.I.Kondorskii. Izv. AN SSSR. Ser. fiz. 30 no.6:921-926 Je '66.
Selection rules in Raman spectra. E.M.Verlan. Opt. i spekt. 20 no.5:916-917 My '66.
Two-quantum transitions of atomic nuclei. (y, e)-process. D.P.Grechukhin. Izd. fiz. 4 no.1:42-51 Ji '66.
Velocity and cross section of the excitation of the $3s_2$ level in neon by metastable helium 2^3S atoms in discharges through an He-Ne mixture. V.P.Chebotaev, L.S.Vasilenko. Opt. i spekt. 20 no.5:913-914 My '66.
- QUARRIES AND QUARRYING**
Raise the requirements for prospecting for quarries to supply fill. A.M.Shepelev. Transp. stroit. 16 no.6: 59 Je '66.
- QUARTZ**
Quartz crystal. L.Glukman. Radio no.5:48-49 My '66.
- QUARTZITE** see subdivision under Azov Sea region
- QUARTZITE—ANALYSIS** see subdivision under Podolia
- QUEUEING THEORY**
Nonhomogeneous recurrent queueing flow. A.A.Alekseev. Kibernetika no.1:41-51 Ja-F '66.
System of queueing with unreliable devices. V.A. Ivantskii. Avtom. i telemek. no.6:91-102 '66.
- QUINCE—ANALYSIS**
Changes occurring in some physicochemical substances of quince fruit during ripening. E.I.Petrovskii, Muzhik Bakhir Ali-Azad. Izv. vys. ucheb. zav. i pishch. tekhn. no.3:28-28 '66.
- QUINOLINE**
Bimolecular alkylidenetriamines. Part 10: Intramolecular donor-acceptor interaction in α -2-methyl-4-anilino-1,2,3,4-tetrahydroquinoline. L.P.Zalukaev, L.A.Spitsyna. Zhur. ob. khim. 38 no.6:1052-1055 Je '66.
Kinetics of electroreduction of quinoline. Part 1. N.E. Khomutov, V.V.Tsodikov. Elektrokhemija 2 no.6: 722-728 Je '66.
- QUINOLINOL**
Extraction-photometric determination of lanthanum as an alizarin hydroxyquinoline complex. L.S.Serikuk, S.M.L'vova. Zhur. anal. khim. 21 no.5:561-563
- QUINONES**
Condensation of 5-chloro-, 3-chloro- and 3-fluoro-acenaphthenequinones with 3-hydroxythionaphthene and its derivatives. A.P.Karshin and others. Zhur. ob. khim. 38 no.6:1055-1059 Je '66.
- RABBIT BREEDING**
Cytochemical changes in the liver of rabbits in embryogenesis following intervarietal crossings. M.P.Volovik, I.P.Shirokorad. Uch. zap. KHGU 140:12-18 '63.
Effect of the age of parents on the growth and development of a rabbit litter. M.P.Tikhonova. Uch. zap. KHGU 140:49-52 '63.
- RACE DISCRIMINATION** see subdivision under South Africa, Republic of
- RADAR**
Sigs see, hear, speak.... V.Krasnov. Voen. znani. 42 no.6:34-35 Je '63.
- RADAR, MILITARY**
Measurement of the coordinates of many targets with signals having unknown amplitudes and phases. I.U.V. Zhukina. Radiotekh. i elektron. 11 no.6:1112-1120 Je '66.
- Mishchenko, I.U.A.** [Radar targets] Radiolokatsionnye tseli. Moskva, Voenizdat, 1966. 138 p. (Radiolokatsionnaya tekhnika)
- RADAR METEOROLOGY**
Visible distribution of radials of sporadic meteors according to data of azimuth radar observations. I.U.A. Popyshv. Ion. issl. no.14:146-162 '65.
- RADIATION**
Multipolarity of radiation transitions in the decay of Os^{191} and Os^{191*} . E.P.Mazeta, I.U.V.Sergeenkov. Izv. AN SSSR. Ser. fiz. 30 no.7:1103-1106 Ji '66.
- RADIATION—DOSAGE**
Ferro-ferric sulfate method of dosimetry of γ -irradiation in radiobiological experiments. T.V.Baklanova, I.U.S. Riabukhin. Med. rad. 11 no.6:83-85 Je '66.
New method of chemical dosimetry of reactor radiation. M.V.Vladimirova and others. Atom. energ. 20 no.6: 509-510 Je '66.
Unit of measurement of the biological dose of ionizing radiation. Atom. energ. 20 no.5:455-456 My '66.
- RADIATION—EFFECT ON FETUS** see Fetus, Effect of radiation on
- RADIATION—EFFECT ON GLUCOSAMINE** see Glucosamine, Effect of radiation on
- RADIATION—EFFECT ON NAPHTHALENE** see Naphthalene, Effect of radiation on
- RADIATION—EFFECT ON NITROGEN** see Nitrogen, Effect of radiation on
- RADIATION—EFFECT ON ORGANOSULFUR COMPOUNDS** see Organosulfur compounds, Effect of radiation on
- RADIATION—EFFECT ON POLYPROPYLENE** see Polypropylene, Effect of radiation on
- RADIATION—EFFECT ON SALTPETER** see Saltpeter, Effect of radiation on
- RADIATION—EFFECT ON SEEDS** see Seeds, Effect of radiation on
- RADIATION—EFFECT ON ZINC CRYSTALS** see Zinc crystals, Effect of radiation on
- RADIATION—PHYSIOLOGICAL EFFECT**
Characteristics of the effect of various irradiations on the higher nervous activity in animals. N.N.Livevits, A.P.Korolevskii. Radiobiologiya 6 no.3:411-417 '66.
Immunological reactivity of radiation chimeras. Report No. 4: Adaptive immunity. D.R.Kaulen, Zhur. mikrobiol., epid. i immun. 43 no.5:64-69 My '66.
Mechanism of the effect of ionizing radiation on the acetylcholine content in the tissues of the small intestine. E.O.Keel'. Radiobiologiya 6 no.3:309-372 '66.
Morphological changes in the thymus and spleen in mice exposed at birth to local irradiation with a massive X-ray dose. I.M.Goncharenko, A.IA. Fridenshtein. Biol. eksp. biol. i med. 61 no.6:103-107 Je '66.
Neuromuscular elements in the process of the posttraumatic regeneration of the irradiated muscle. T.N. Tuzhikova. Radiobiologiya 6 no.3:391-393 '66.
Radioreistance of regenerating muscle tissue. M.F. Popova. Arkh. anat., gist. i embr. 50 no.3:41-40 Mr '66.
Radiosensitizing action of some organic peroxides. L.A. Timov, N.A.Kachurina, O.I.Smirnova. Radiobiologiya 6 no.3:343-348 '66.
Some aspects of acetylcholine metabolism in the sympathetic ganglion of an irradiated organism. L.D. Klimovskaya, A.F.Maslova. Biol. eksp. biol. i med. 61 no.6:50-53 Je '66.
Sources of errors in the evaluation of the health condition of persons having been exposed to the effect of prolonged ionizing radiation. G.D.Baisogolov, A.K.Gus'kova. Med. rad. 11 no.6:37-43 Je '66.
- RADIATION—SAFETY MEASURES**
Protection against radioactive contamination of oceans and seas. A. Plakhotnik. Mezhdunar. zhizn' 13 no.8: 149-150 '66.
- RADIATION—SCATTERING**
Measurement of the electron temperature of a plasma based on the scattering of laser radiation. A.A. Beshaposhnikov and others. Zhur. prikl. spekt. 4 no.5:458-459 My '66.
- RADIATION IMMUNOLOGY**
Role of donor cells and antibodies in the resistance of animals used as radiochimeras to diphtheria toxin. D.R.Kaulen. Biol. eksp. biol. i med. 61 no.6:62-65 Je '66.
- RADIATION—PROTECTIVE AGENTS**
Analysis of the protective action of mexamine following irradiation of mice with 200 kv X rays and in linear accelerator of 4.3 Mev. I.B. Bychkovskaya, A.V. Bogatyrev. Radiobiologiya 6 no.3:440-445 '66.
- Radioprotective action of some antioxyphenols and amino alcohols.** L.I. Tash, N.M.Slavchevskaya. Radiobiologiya 6 no.3:451-454 '66.
Radioprotective action of inert gases and low-molecular narcotics. V.S.Kal'mil, V.P.Paribok, E.I.Greter. Radiobiologiya 6 no.3:446-450 '66.
- RADIATION SICKNESS**
Biochemical characterization of the extremely acute form of radiation sickness. R.R.Strelkov, L.E.Semenov. Radiobiologiya 6 no.3:377-380 '66.
Changes in the argyrophil substance of the coats of the eyeball in radiation sickness. V.M.Abul'daev. Izv. Azerb. nauch.-issl. inst. oft. 3:109-112 '63.
Cholinesterase activity in the hypothalamus, thalamus, some regions of the cortex and cerebellum of dogs recovered from acute radiation sickness. B.E. Davydov. Radiobiologiya 6 no.3:418-422 '66.
Dystonia of pulmonary vessels in radiation sickness and its prevention with radiation-protective agents. I.S.Amosov. Med. rad. 11 no.6:44-49 Je '66.
Effect of ganglionic blocking agents on the course of radiation sickness. T.N.Dzhaparidze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 8:353-356 '69.
Effect of hemolysate on the retraction of a blood clot in acute radiation sickness. D.N.Ishankhanmetov. Med. rad. 11 no.6:54-57 Je '66.
Effect of hormones on the reparative processes in the skin under gamma irradiation. A.I. Rukhmanova. Med. rad. 11 no.6:58-63 My '66.
Effect of infrared and ultraviolet rays on the healing process of skin wounds caused by X-ray irradiation. V.D.Abul'daev. Azerb. med. zhur. 43 no.4:27-27 Ap '66.
Effect of ionizing radiation on the changes in pancreatic digestion. R.I.Guvilov, V.IU. Domnashki. Radiobiologiya 6 no.3:394-399 '66.
General plasmacytic reaction in the thymus of rats in acute radiation sickness. M.P.Khuzmar. Arkh. anat., gist. i embr. 50 no.3:49-55 Mr '66.
Morphological and functional changes in the peripheral blood and lymph circulation in acute radiation sickness. I.P.Novikov. Med. rad. 11 no.6:50-54 Je '66.
- Polakov, V.A.** [Characteristics of the course and the principles of the treatment of combined radiation (leukemia) Oshchennost' techeniya i printsipy lecheniya kombinirovannykh radiatsionnykh povrezhdenii. Moskva, Tsentr. in-t usovershenstvovaniia vrachei, 1966. 38 p. (DNLM)]
- Symposium on the problems of bone marrow transplantation in radiation leukemia.** E.I.Vorob'ev, E.A.Lialin. Med. rad. 11 no.6:90-94 Je '66.
- RADIATION STERILIZATION**
Radiation sterilization of preparations of the tetracycline group and some other antibiotics. V.I. Kochepashkin, Z.V. Trnol'eva, A.Kh.Breger. Antibiotiki 9 no.19: 926-930 O '64.
Sterilization of penicillins with gamma radiation of radioactive cobalt (Co^{60}). S.M.Chalkovskaya and others. Antibiotiki 9 no.10:930-932 O '64.
- RADICALS (CHEMISTRY)**
Certain features in the structure of free radical compounds of the piperidine series. E.G.Rozumnev, I. Z. Gur'anova. Izv. AN SSSR. Ser. khim. no.5:976-993 '66.
Chain and radical reactions: symposium in Moscow. Z.K.Matsum. Vest. AN SSSR 38 no.6:76-80 Je '64.
Formation of free radicals during ultraviolet irradiation of hydrocarbon solutions of naphthalene at 77°K. B.N. Shel'mov. Khim. i tekhn. 7 no.3:543-545 My-Je '66.
Formation of radicals by the reaction of oxygen with styrene and cobalt. L.N.Denisova, I.T.Denisov, T.G.Dogliareva. Izv. AN SSSR. Ser. khim. no.6:103-1007 '66.
Organomercury-free radicals. A.B.Shapiro and others. Zhur. struk. khim. 7 no.2:137-139 Mr-Apr '66.
Study of free radicals in natural coals and aerogels by means of electron paramagnetic resonance. A.A. Sidorov, V.F. Anufrenko. Izv. SO AN SSSR no.3. Ser. khim. nauk no.1:159-159 '66.
- RADICALS (CHEMISTRY)—DIPOLE MOMENTS**
Dipole moments of molecules and radicals. Part 1. A.M.Vasserman and others. Zhur. fiz. khim. 40 no.5:1026-1027 My '66.
- RADIO**
Following the road shown us by the party. Radio no.3: 1-2 My '66.
Ostroumov, B.A., comp. [Nizhny Novgorod pioneers of Soviet radio engineering] Nizhegorodskoe pionirovskoe radioelektronika. Moskva, Nauka, 1960. 213 p.
Toward continued progress of science and for technological progress. Radiotekhnika 21 no.5:1 My '66.
- RADIO—ABSTRACTS**
[Radio engineering and telecommunication] Ref. zhur. Radiotekh. i elektronika no.5 My '66.

RADIO—ANTENNAS

New equipment for multiple utilization and commutation of receiving antennas in the shortwave band. B.K. Baranovskii. Vest. svyazi 26 no. 3:11-15 Apr '66.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—EQUIPMENT AND SUPPLIES

Beletskiy, A.T. [Installation and regulation of radio equipment] Montazh i regulirovka radioapparatury. Moskva, Vysshaya shkola, 1966. 294 p.

Frolov, A.D. [Couplings in radio equipment component structures; mechanical couplings] Soedineniya v konstruktsiyakh radiotekhnicheskikh izdelii; mekhanicheskie soedineniya. Moskva, Energiya, 1966. 465 p.

Our consultations. Radio no. 5:62-63 May '66.

Problems of the analysis of the accuracy of the circuits of radioelectronic apparatus. V.I. Siforov, R.M. Turkel'taub. Radiotekhnika 21 no. 5:2-10 May '66.

Toys using radio and transistor components. V. Vasil'ev. Radio no. 5:51-53 May '66.

RADIO—HANDBOOKS, MANUALS, ETC.

Malluh, R.M., ed. [Handbook for the beginning radio amateur] Spravochnik nachinalushchego radiohobbyista. Izd. 3., perer. Moskva, Energiya, 1966. 654 p. (Massovaya radiobiblioteka, no. 581)

RADIO—INTERFERENCE

Nonrovskii, M.S. [Interference rejection in radio communication] Pomokhnostochivost' radiosvyazi. Moskva, Energiya, 1966. 255 p.

RADIO—RECEIVERS AND RECEPTION

Baran, V.F., and V.K. Zhdanov. [Radio receivers] Radiopriemnye ustroystva. Izd. 3., perer. 1 dop. Moskva, Sovetskoe radio, 1966. 495 p.

Compensation of the control circuit of an FM receiver with a tracking filter. I.U. A. Afanas'ev, L.A. Kantor. Radiotekhnika 21 no. 5:30-38 May '66.

Increase in the sound level of the receiver of the 64th transmitter. Avtom., telen. i svyaz' 10 no. 5:42 May '66.

Precise adjustment of the receiver of the Zhr-5 transmitter. Avtom., telen. i svyaz' 10 no. 5:42-43 May '66.

Sequential detection with many independent reception channels with noise. G.S. Tysiat'skii. Radiotekh. i elektron. 11 no. 9:971-982 Je '66.

RADIO, MILITARY

Salute over Berlin. Radio no. 5:10-11 May '66.

Serving the motherland. S. Shatilov. Radio no. 5:8-9 May '66.

RADIO, SHORTWAVE—RECEIVERS AND RECEPTION

Kolosov, M.A. [Attention—long distance reception!] Vnimanie—dali priemi! Moskva, Znaniye, 1966. 44 p. (Novoe v zhizni, nauka, tekhnika, XIV Seriya: Radioelektronika i svyaz', no. 6)

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Radio station for 430-435 mc. operation. B. Karpov. Radio no. 5:24-25, 28 May '66.

RADIO ASTRONOMY

Measurements of the brightness temperature and polarization of the radio emission of Venus on the 3.75 cm. wave length. A.D. Kuz'min, U. Dent. Astron. zhur. 43 no. 3:602-604 My-Je '66.

RADIO CIRCUITS

Skilarenko, I.A. [Drawing of radio circuits] Kresleniya radiokhim. Kyiv, Radians'ka shkola, 1964. 29 p.

RADIO COMPASS

Adjustment of the ARK-5. K. Belavskii. Av. i kosm. no. 6:36-37 Je '66.

RADIO DETECTORS

Effect of the nonlinearity of the capacitance of a semiconductor diode on some parameters of an amplitude detector. A.M. Malliar. Radiotekhnika 21 no. 5:76-77 My '66.

RADIO DIRECTION FINDERS

Control generator for checking the work of a sferic receiver. B.K. In'kov. Trudy GGO no. 188:34-37 '66.

Device for locating near seats of the formation of thunderstorms from a single point. P.S. Lydzar. Trudy GGO no. 188:21-33 '66.

Intensifying unit of the sferic receiver. B.K. In'kov. Trudy GGO no. 188:30-44 '66.

Training and equipment of a "hunter." A. Grechikhin. Radio no. 6:21-23 My '66.

RADIO IN EDUCATION see subdivision under Leningrad

RADIO MEASUREMENTS

[Equipment for measurements in long-distance communication systems] Apparatura dlia izmerenii v dal'nei svyazi; Informatsionnyi sbornik. Moskva, Svyaz', 1966. 156 p. (Tekhnika svyazi)

Radio wave methods for measurements in the coal industry. E.I. Arsh, A.A. Ivanov, G.R. Nosov. Ugol' Ukr. no. 6:20-22 Je '66.

RADIO MODULATORS

Operation of a pulse-width modulator with an active capacitive load. M.A. Rozenblat. Avtom. i telen. no. 5:139-145 '66.

RADIO OPERATORS

(see also subdivision under Svyaz')

ABC's of shortwave radio amateurs. Radio no. 5:16-20 My '66.

Farwell, E. Dubov. Avtom., telen. i svyaz' 10 no. 5:41 My '66.

On the air of ten districts. I.U. Zhomov. Radio no. 5:14-15 My '66.

Radio amateurs greet the 15th Congress of the V.I. Lenin All-Union Communist Youth League. Radio no. 5:5 My '66.

Short and ultrashort radio waves. Radio no. 5:16-17 My '66.

When the flags on the masts are flying. G. Bezmyenskii. Radio no. 5:12-13 My '66.

RADIO PROGRAMS see subdivision under White Russia

RADIO RELAY SYSTEMS

Metrikhin, A.A. [Antenna-waveguide circuits of radio relay communication lines] Antenna-volnovodnye traktory radioreleynykh lini svyazi. Moskva, Svyaz', 1966. 112 p. (Novoe v tekhnike svyazi)

RADIO STATIONS see subdivision under Great Britain

RADIO TOWERS

"Shprengel" support towers. A.A. Voevodin. Vest. svyazi 26 no. 4:9-12 Apr '66.

RADIO WAVE PROPAGATION

Experimental study of the transparency of the earth's atmosphere for submillimeter band waves. V.I.A. Radvov, G.A. Sharonov. Radiotekh. i elektron. 11 no. 6:1037-1045 Je '66.

Kolosov, M.A. [Attention—long distance reception!] Vnimanie—dali priemi! Moskva, Znaniye, 1966. 44 p. (Novoe v zhizni, nauka, tekhnika, XIV Seriya: Radioelektronika i svyaz', no. 6)

RADIOACTIVATION ANALYSES

Activation determination of impurities in gallium. P.I. Artukhin, E.N. Gilbert, V.A. Pronin. Izv. SO AN SSSR no. 3. Ser. Khim. nauk no. 1:136-138 '66.

Determination of impurities in thallium by the neutron activation method. V.A. Pronin, E.N. Gilbert, P.I. Artukhin. Izv. SO AN SSSR no. 3. Ser. Khim. nauk no. 1:98-99 '66.

RADIOACTIVE FALLOUT

Self-purification of the lower troposphere from radioactive dust. K.P. Makhou'ko. Izv. AN SSSR. Fiz. atm. i okean 2 no. 5:500-522 My '66.

RADIOACTIVE PROSPECTING

Radiometric methods for the study of carbonatite deposits. L.A. Berezhna. Razved. i okh. nedr 31 no. 10:37-41 O '65.

RADIOACTIVE SUBSTANCES

Production of standard radioactive protein preparations. V.M. Bogolubov, E.N. Denisov. Med. rad. 11 no. 6: 85-89 Je '66.

Solubility of radioactive particles. A.V. Bykhovskii, I.U. M. Benimov, V.G. Doroshenko. Med. rad. 11 no. 6:85-89 Je '66.

RADIOACTIVE SUBSTANCES IN SOILS see Soils, Radioactive substances in

RADIOACTIVE WASTE DISPOSAL

Conference on the fixation of radioactive wastes. B.S. Kolychev. Atom. energ. 20 no. 3:452-454 My '66.

RADIOBROADCASTING see subdivision under Voronezh Province

RADIOCHEMISTRY

Calculating the efficiency of radiochemical apparatus with a plane beta-radiation source. R.V. Dzhabgat'spanian, I.U. G. Laskin. Atom. energ. 20 no. 6:485-488 Je '66.

RADIOGENETICS

Effect of calcium, magnesium, and strontium on the strontium-90 transfer from female rats to their progeny. B.N. Annakov. Radiobiologiya 6 no. 3:455-458 '66.

RADIOISOTOPE LABORATORIES

Operation of the base isotope laboratory in the Latvian S.S.R. V.E. Banashok. Izot. v SSSR no. 1:20-32 '65.

RADIOISOTOPES

Calculating the variation in radioisotope concentration in a closed water basin with isotope absorption by the bottom layer. V.M. Prokhorov. Atom. energ. 20 no. 5:448-449 My '66.

Species-related differences in the absorption and distribution of $^{14}O_2$. G.A. Zeligandze and others. Med. rad. 11 no. 6:57-65 Je '66.

RADIOISOTOPES—CONGRESSES

Seminars held by V/O "Izotop." O.N. Sokolova. Izot. v SSSR no. 1:37-38 '65.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Experience in the use of radioisotope methods and devices at the Moscow Carburetor Plant. V.V. Misozhnikov. Izot. v SSSR no. 1:18-21 '65.

Methods and equipment in radioisotope flaw detection. A.G. Sul'kin. Izot. v SSSR no. 1:22-26 '65.

Operation of the special administration for the introduction and promotion of radio engineering V/O "Izotop." E.V. Sakharov. Izot. v SSSR no. 1:26-28 '65.

Radioisotopes in the forging and stamping industry. V.T. Meshcherin. Izot. v SSSR no. 1:15-11 '65.

Stable isotopes with a high enrichment percentage. Izot. v SSSR no. 1:38-39 '65.

Symposium on the use of radioisotope technology in industry and geophysics. F.A. Alekseev and others. Atom. energ. 20 no. 5:451-452 My '66.

Use of radioisotope densimeters and hygrometers in agriculture. V.I.A. Emel'nikov. Izot. v SSSR no. 1: 33-34 '65.

Using noncontact radioisotope transducers in track and end switches. A.A. Bobkov. Vest. mashinost. 46 no. 5:51-53 My '66.

RADIOLOGY, INDUSTRIAL

Some problems bearing on the technical and economic analysis and economic efficiency of radio engineering. A.S. Shtan', V.I. Postnikov. Izot. v SSSR no. 1:12-14 '65.

RADIOLOGY, MEDICAL

Experience in the work of a district chief roentgenologist. E.A. Kaitazov. Voen.-med. zhur. no. 6:76-77 Je '66.

Planning and coordination of scientific studies on medical radiology and roentgenology. V.F. Cherkasov and others. Med. rad. 11 no. 6:79-82 Je '66.

RADIOMETRY

Measurement of the uranium content based on gamma-ray emission in radiometric analyses of solutions and concentrates. V.S. Volvokovna. Zav. lab. 32 no. 5: 578-579 '66.

Measuring the concentration of thoron daughter products in the air. V.M. Zhilvet'ev, V.G. Labushkin, I.S. Ruzer. Atom. energ. 20 no. 6:511 Je '66.

Radiometry of low activities. V.A. Demant'ev, A.O. Furman. Med. rad. 11 no. 5:61-68 My '66.

RADIOLOGIC DIAGNOSIS see Diagnosis, Radiologic

RADIOTHERAPY

Changes in the phagocytic activity of the leucocytes in patients with cancer of the cervix uteri following radiotherapy. N.M. Sokolova, L.Z. Klechikov, E.K. Sirdzhinal'skaya. Vop. onk. 12 no. 6:32-35 '66.

Determination of β -activity of preparations using cylindrical counters. P.N. Lagovoi, N.N. Alimov. Med. rad. 11 no. 5:49-56 My '66.

Optimal energy of incident neutrons in neutron capture therapy. I.U.S. Riabukhin. Med. rad. 11 no. 6:9-13 Je '66.

Radiation treatment of patients with lymphogranulomatosis and lesion of the lungs. I.A. Perevalov, E.M. Fil'kova, Z.I. Kinnelskaya. Med. rad. 11 no. 6:33-39 Je '66.

RADIOTHERAPY—COMPLICATIONS AND SEQUELAE

Effect of irradiation on laryngeal tissues in cancer; X-ray and morphological observations. R.M. Rabinovitch, L.A. Cherkasskii. Vop. onk. 12 no. 6:39-45 '66.

Local complications in radiotherapy of patients with cancer of the cervix uteri. S.V. Strutsovskaya. Vop. onk. 12 no. 6:26-31 '66.

RADIUM

Russian radium. E.P. Libman. Priroda 55 no. 6:64-67 '66.

RADIUM ISOTOPES—THERAPEUTIC USE

Some aspects of metabolism and tissue dosimetry of Ra^{226} . V.M. Malykhin, V.P. Shanov, G.S. Roznik. Med. rad. 11 no. 5:35-38 My '66.

RADON—THERAPEUTIC USE

Improvement of dosimetry methods in alpha therapy. S.V. Andreev, V.I. Abramov, A.V. Vyrbueva. Med. rad. 11 no. 5:44-49 My '66.

Internal use of radon water (alpha therapy). E.S. Shepova and others. Med. rad. 11 no. 5:68-78 My '66.

RAILROAD BRIDGES

Fatigue-induced breakdowns of trusses of steel spans of railroad bridges. V. N. Kolokolov. *Trudy MFT* no. 227:154-165 '66.

RAILROAD CONDUCTORS

A long road. I. Kharitonov. *Knizh.torg.* 17 no. 6:34 Je '66.

RAILROAD CONSTRUCTION WORKERS

The Galvaronskii brigade does excellent work. G. D. Khodov. *Transp.stroi.* 16 no. 6:34-35 Je '66.

RAILROADS

Program of great works. *Zhel.dor.transp.* 48 no. 5:3-6 My '66.

Railroad news. *Put'i put.khoz.* 10 no. 6:36 '66.

RAILROADS—ABSTRACTS

[Railroad transportation] *Ref. zhur.*; *Zhel.dor.transp.* nos. 5-6 My-Je '66. *Predmetnyi ukazatel'* za 1965 g.

RAILROADS—BRAKES

Perov, A. N. [Working principle and repair of automatic brakes] *Ustroistvo i remont avtomaticheskikh*. Izd. 7., perer. i dop. Moskva, Transport, 1966. 251 p. diagrs. (insert)

Speed up the introduction of disk brakes. A. K. Viorov. *Zhel.dor.transp.* 48 no. 5:52-54 My '66.

RAILROADS—CARS—ELECTRIC EQUIPMENT

Protection of the drive of under-car suspended generators against overloading. N. A. Karagodin. *Vest. TSNI MPS* 25 no. 3:44-47 '66.

RAILROADS—CARS—MAINTENANCE AND REPAIR

In the Collegium of the Ministry of Railroad Transportation; Concerning a widespread application of the practices of the Moskovskaya Car Depot. *Zhel.dor.transp.* 48 no. 5:78 My '66.

On the base of the experience of the Moskovskaya Depot. N. I. Rukhin. *Zhel.dor.transp.* 48 no. 5:44-47 My '66.

Operation and maintenance of cars during the new five-year plan. B. K. Salambekov, V. I. Bezitsynii. *Zhel.dor.transp.* 48 no. 5:14-18 My '66.

RAILROADS—COMMUNICATION SYSTEMS

Additional train radio communication plate for VChPD-50 apparatus. V. T. Vialukhin. *Avtom., telem. i svyaz'* 10 no. 5:14-16 My '66.

Change in the call control network. S. E. Barsaglan. *Avtom., telem. i svyaz'* 10 no. 5:37 My '66.

Increase in the sound level of the receiver of the 04R1 transceiver. *Avtom., telem. i svyaz'* 10 no. 5:42 My '66.

Precise adjustment of the receiver of the ZhR-5 transceiver. *Avtom., telem. i svyaz'* 10 no. 5:42-43 My '66.

ZhR-3M transmitter-receiver set. A. A. Tantsura, G. M. Uman'skii. *Avtom., telem. i svyaz'* 10 no. 5:1-5 My '66.

RAILROADS—CONTINUOUS RAILS

Construction of a continuous rail track on the Pavlograd-Novomoskovsk Line. K. I. A. Kondakov and others. *Transp.stroi.* 16 no. 8:5-8 Je '66.

RAILROADS—CURRENT SUPPLY

Electric power supply for signaling, centralized traffic control, and blocking on the Mezhdurechensk - Abakan-Tyashet Line. N. P. Akhtyrskii and others. *Transp.stroi.* 16 no. 6:9-11 Je '66.

RAILROADS—CURVES AND TURNOUTS

Ways to determine rail raising on curves. I. V. Zherebushov. *Put'i put.khoz.* 10 no. 6:33 '66.

RAILROADS—DICTIONARIES

Visloukh, L. A. and others comps. [French-Russian railroad dictionary. 25,000 terms] *Frantsuzsko-russkii zheleznodorozhnyi slovar'*. 25,000 terminov. Pod red. A. G. Falna. Moskva, Sovetskaya Entsiklopediya, 1966. 616 p.

RAILROADS—EARTHWORK

Calculating the stability of slopes with abutments. B. I. Nechaev and others. *Transp.stroi.* 16 no. 6:30-40 Je '66.

Digging holes by means of vibration puncturing. V. I. Kulaga and others. *Transp.stroi.* 16 no. 6:12-13 Je '66.

Mechanization of earthwork in the installation of track signals. O. A. Shecherbakov. *Transp.stroi.* 16 no. 6:8-9 Je '66.

Taking into account the forces of frost heaving during the calculation of the fastening of supports for overhead contact systems. N. D. Merenkov. *Transp.stroi.* 16 no. 6:40-42 Je '66.

RAILROADS—ELECTRIC EQUIPMENT

Device for measuring the contact resistances between rails and reinforced-concrete ties. N. R. Iushchenko and others. *Avtom., telem. i svyaz'* 10 no. 5:10-10 My '66.

RAILROADS—EMPLOYEES

Creative people. I. Lazarenko. *Avtom., telem. i svyaz'* 10 no. 5:26-28 My '66.

RAILROADS—EMPLOYEES—MEDICAL CARE

Medical control of the health of locomotive crews. *Zhel.dor.transp.* 48 no. 5:84 My '66.

RAILROADS—FINANCE

Methods of determining economic efficiency. A. D. Enef'-ianov. *Zhel.dor.transp.* 48 no. 5:72-76 My '66.

Mallukin, F. P. [Planning for capital investments in railroad transportation] *Planirovaniye kapital'nykh vlozhenii na zheleznodorozhnom transporte*. Moskva, Transport, 1965. 311 p. (CaOTU)

Payability of production funds. N. G. Vinnichenko. *Zhel.dor.transp.* 48 no. 5:62-68 My '66.

RAILROADS—FREIGHT

(see also subdivision under Siberia, Western)

Efficient utilization of isothermal rolling stock. A. M. Sergeev, B. S. Lovshin, A. B. Kaplan. *Zhel.dor.transp.* 48 no. 5:40-43 My '66.

Plan for the formation and weight increase of trains. E. P. Iushkevich. *Zhel.dor.transp.* 48 no. 5:37-40 My '66.

Unified technology for the work of junction stations. N. F. Tomilko, N. P. D'achenko, L. D. Nikitina. *Zhel.dor.transp.* 48 no. 5:31-34 My '66.

Unified technology: research and results. A. M. Ulanovskii. *Zhel.dor.transp.* 48 no. 5:81-82 My '66.

RAILROADS—INTERNATIONAL COOPERATION see subdivision under Communist countries

RAILROADS—LABOR PRODUCTIVITY

Moscow. *Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta*. [Long range planning for labor productivity in railroad transport] *Perspektivnoye planirovaniye proizvoditel'nosti truda na zheleznodorozhnom transporte*. Moskva, Transport, 1966. 200 p. (its Trudy, no. 304)

RAILROADS—MAINTENANCE AND REPAIR

After the repair. I. U. N. Lavzen'tev, V. M. Komov. *Put'i put.khoz.* 10 no. 6:40-41 '66.

Collaboration of track workers and electricians. I. K. Perederii, I. D. Dmitriev. *Put'i put.khoz.* 10 no. 6:26-30 '66.

Correct organization of the work of track machinery points. N. I. A. Ksel'trod. *Put'i put.khoz.* 10 no. 6:17-18 '66.

Develop the creative activities of track workers. *Put'i put.khoz.* 10 no. 6:1-3 '66.

Evaluation of the condition of switches. I. K. Monakhov. *Put'i put.khoz.* 10 no. 6:18 '66.

Improve the inspection of joint gaps. A. E. Karolina, V. I. Khronykh. *Put'i put.khoz.* 10 no. 6:10-12 '66.

Maintenance and repair planning for loading and unloading machinery. V. A. Abgaforov. *Vest. TSNI MPS* 25 no. 3:47-50 '66.

Rail repair by means of planing. N. Z. Belousov. *Put'i put.khoz.* 10 no. 6:10-21 '66.

Use of ballasters for track alignment. N. I. A. Tataurov, M. I. Mamko. *Put'i put.khoz.* 10 no. 6:6 '66.

RAILROADS—MANAGEMENT

For economy of materials and means. I. G. Egorov, L. V. Volodina. *Put'i put.khoz.* 10 no. 6:15-16 '66.

Making savings on a large and small scale. N. S. Belopastev. *Put'i put.khoz.* 10 no. 6:13-14 '66.

Some suggestions on economic reform. K. A. Apollonov. *Avtom., telem. i svyaz'* 10 no. 5:25 My '66.

RAILROADS—PASSENGER TRAFFIC

Apply accuracy and good organization in summer passenger transportation. *Zhel.dor.transp.* 48 no. 5:77 My '66.

Kochnev, F. P. [Passenger traffic on railroads] *Passezhirskoe perevozki na zheleznnykh dorogakh*. Izd. 4., perer. i dop. Moskva, Transport, 1966. 350 p.

Passenger transportation by group trains. G. N. Pakhomov. *Zhel.dor.transp.* 48 no. 5:35-36 My '66.

RAILROADS—PERIODICALS

Conference of the readers of the journal. *Zhel.dor.transp.* 48 no. 5:87 My '66.

Readers of the West Siberian Line discuss the journal. *Put'i put.khoz.* 10 no. 6:43 '66.

RAILROADS—RAILS

Factors affecting the temperature of rails. S. P. Pershin. *Put'i put.khoz.* 10 no. 6:37-39 '66.

Thermomechanical treatment of rail steel. L. I. Tushinskii and others. *Izv. vss. ucheb. zav.; Chern. met.* 9 no. 6:137-140 '66.

RAILROADS—RAILS—FASTENINGS

Promising design of intermediate rail fastenings. R. N. Zverev. *Zhel.dor.transp.* 48 no. 5:59-61 My '66.

RAILROADS—RAILS—TRANSPORTATION

Rail loading on twin platform cars. G. M. Shchelafer. *Put'i put.khoz.* 10 no. 6:9-10 '66.

RAILROADS—RAILS—WELDING

Rail welding on the track. V. G. Cherepil, S. G. Alagakov. *Put'i put.khoz.* 10 no. 6:21-22 '66.

RAILROADS—REPAIR SHOPS

(see also subdivision under Krasnoyarsk) Specialization and development of spare parts manufacture. T. E. Trubachev, D. A. Purnov. *Zhel.dor.transp.* 48 no. 5:47-52 My '66.

RAILROADS—ROLLING STOCK—PARTS

Specialization and development of spare parts manufacture. T. E. Trubachev, D. A. Purnov. *Zhel.dor.transp.* 48 no. 5:47-52 My '66.

RAILROADS—SAFETY MEASURES

Shoulder to shoulder. I. U. N. Vol'kovich. *Put'i put.khoz.* 10 no. 6:23-26 '66.

Widening the role of public inspection. N. I. Glibko. *Put'i put.khoz.* 10 no. 6:22 '66.

RAILROADS—SIGNALING

Cables and wires for the installation of signaling and communication systems. E. G. Stavrov. *Avtom., telem. i svyaz'* 10 no. 5:46-48 My '66.

Collaboration of track workers and electricians. I. K. Perederii, I. D. Dmitriev. *Put'i put.khoz.* 10 no. 6:26-30 '66.

Follow-up of materials printed in our periodical. *Avtom., telem. i svyaz'* 10 no. 5:44-45 My '66.

It is premature to discontinue coil loading. V. P. Zhel't. *Avtom., telem. i svyaz'* 10 no. 5:34-36 My '66.

Mechanization of earthwork in the installation of track signals. O. A. Shecherbakov. *Transp.stroi.* 16 no. 6:8-9 Je '66.

Snarskii, A. A., and M. V. Markov. [Lines for automatic control, remote control, and communications in railroad transportation] *Linii avtomaticheskogo, telemekhanicheskogo i telemekhanicheskogo na zheleznodorozhnom transporte*. Izd. 2., perer. i dop. Moskva, Transport, 1966. 403 p.

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL

Electric power supply for signaling, centralized traffic control, and blocking on the Mezhdurechensk - Abakan-Tyashet Line. N. P. Akhtyrskii and others. *Transp.stroi.* 16 no. 6:9-11 Je '66.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

Block route selection in electric interlocking systems. V. R. Dmitriev. *Avtom., telem. i svyaz'* 10 no. 5:5-8 My '66.

The interlocking system in operating with greater reliability. A. P. Rozgonov. *Avtom., telem. i svyaz'* 10 no. 5:20-24 My '66.

RAILROADS—STATIONS

(see also subdivision under Chelyabinsk)

Design and construction of joint railroad and motor bus stations. E. Vasil'ev, M. Chernomozhik. *Avt.transp.* 44 no. 6:12-14 Je '66.

Provide the freight base stations with advanced technology. N. M. Ivanitskii. *Zhel.dor.transp.* 48 no. 5:26-25 My '66.

Selecting the length of station platforms during the designing of new railroads. A. P. Volodina. *Transp.stroi.* 16 no. 6:30-39 Je '66.

Unified technology for the work of junction stations. N. F. Tomilko, N. P. D'achenko, L. D. Nikitina. *Zhel.dor.transp.* 48 no. 5:31-34 My '66.

RAILROADS—TECHNOLOGICAL INNOVATIONS

The activities of efficiency promoters are growing from year to year. B. P. Kartoplov. *Put'i put.khoz.* 10 no. 6:31-33 '66.

Suggestions need to be studied. V. S. Rishchenko. *Put'i put.khoz.* 10 no. 6:33-34 '66.

RAILROADS—TRACK

Mechanization of operations in the track-skeleton assembly points. S. V. Formazov. *Put'i put.khoz.* 10 no. 6:4-5 '66.

New regulations for the planning of track overhauling. V. I. Tarnov, L. V. Butkov. *Put'i put.khoz.* 10 no. 6:6-8 '66.

RAILROADS—TRACKLAYING MACHINERY

Determining the economic effectiveness of assembling and laying units. E. V. Pronkin. *Transp.stroi.* 16 no. 6:36-37 Je '66.

RAILROADS—TRAIN DISPATCHING

"Automatic dispatcher" system. B. A. Zay'lov, Zhel. dor. transp. 48 no. 5:25-31 My '66.

RAILROADS—TRAIN LOAD

Plan for the formation and weight increase of trains. E. P. Ushkevich, Zhel. dor. transp. 48 no. 5:37-40 My '66.

RAILROADS, INDUSTRIAL—MANAGEMENT

Economic efficiency of consolidated railroad unit management. V. S. Vladimirov, V. A. Stepanov, Zhel. dor. transp. 48 no. 5:79-80 My '66.

RAILROADS, NARROW-GAUGE—SAFETY MEASURES

Strokov, V. I. [Safety engineering and fire prevention measures in the construction and use of logging roads] Tekhnika bezopasnosti i protivopozharnaya tekhnika na stroitel'stve i eksploatatsii lesovoznykh dorog. Moskva, Lesnaya promyshlennost', 1966, 154 p.

RAILROADS, SINGLE-RAIL

Monorail transportation is fast, comfortable, and simple to operate. I. U. Galonen, Zhil.-kom. khoz. 14 no. 5:18-19 My '64.

RAILWAY MAIL SERVICE—CARS

Libman, A. Z. [Arrangement and operation of the electrical equipment of railway mail cars] Ustroystvo i eksploatatsiya elektrooborudovaniya pochtovykh vagonov. Moskva, Svyaz', 1966, 110 p.

RAMAN EFFECT

Effect of the characteristics of the intermediate state on the Raman spectra of gases. E. M. Verlan, Opt. i spekt. 20 no. 5:802-808 My '66.

Present-day trends in the spectroscopy of Raman scattering of light. V. A. Zubov, M. M. Sushchinskii, I. K. Simulov, Usp. fiz. nauk 89 no. 1:49-80 My '66.

Selection rules in Raman spectra. E. M. Verlan, Opt. i spekt. 20 no. 5:816-817 My '66.

Vibrational spectra and characteristics of 1,2-dichloroethane structure. A. V. Soshkarev, E. G. Brulon, Zhur. struk. khim. 7 no. 2:219-221 Mr.-Ap '66.

RAMS

Results of an experiment in the comparative evaluation of partial, percutaneous and open methods of the castration of rams. V. V. Serebrennikov, V. A. Iakovlev, P. M. Pozin, Trudy TVI 9:155-157 '65.

RAMS—FEEDING AND FEEDS see subdivision under Kazakhstan

RAMSEY, SIR WILLIAM, 1852-1916

Zero group elements; 50th anniversary of William Ramsey's death. I. U. S. Musabekov, Priroda 59 no. 7:107-113 '66.

RANDOM PROCESSES see Stochastic processes

RARE-EARTH CHLORIDES

Method of preparing rare-earth oxychlorides. K. E. Mironov and others, Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:133-134 '66.

RARE-EARTH COMPOUNDS

Compounds EuNi_5 , TaNi_5 , and LuNi_5 and their crystal-line structures. P. I. Krypakovich, E. I. Gladyshevskiy, Dop. AN URSR no. 6:768-771 '66.

Radikovskaya, S. V., and V. I. Marchenko. [Sulfides of rare earth metals and actinides] Sulfidy redkozemel'nykh metallov i aktinoidov. Kiev, Naukova dumka, 1966, 139 p.

RARE-EARTH METAL ALLOYS

Improving the quality of open-hearth steel by treating it with a rare-earth metal alloy. V. F. Kravchenko and others, Izv. AN SSSR, Met. no. 3:3-18 My-Je '66.

RARE-EARTH METALS

Effect of climatic and facies conditions on the separation of rare-earth elements in the sedimentary process. I. A. Balashov and others, Geokhimiya no. 10:995-1014 O '64.

Effect of rare-earth metals on the structure and properties of a KhN77TiU nickel alloy. T. V. Svislunova, G. V. Estulin, Fiz. met. i metalloved. 18 no. 1:150-153 Ji '64.

Exchange interaction in rare-earth metals and alloys. S. V. Vonskovskii, I. U. Pirkhin, M. S. Svirskii, Izv. AN SSSR, Ser. fiz. 30 no. 6:906-914 Je '66.

Separation of rare-earth elements under supercritical conditions. D. A. Mineev and others, Geokhimiya no. 4:468-470 Ap '66.

RARE EARTHS

Comparative intensity of spectral lines in the rare-earth series. M. S. Iur'ev, Vest. LGU 21 no. 10: 71-75 '66.

RARE EARTHS—ANALYSIS

Oscillographic determination of the sum of rare-earth elements on a solid electrode by means of precipitates. IE. M. Skobets', V. A. Chernyi, Dop. AN URSR no. 6: 779-782 '66.

RARE GASES see Gases, Rare

RATE OF CHEMICAL REACTION see Chemical reaction, Rate of

RAVEL, MAURICE, 1875-1937

Krein, I. G. [Debussy's and Ravel's instrumental chamber works] Kamerno-instrumental'nye ansambli Debussy i Ravela. Moskva, Muzyka, 1966, 107 p. (Biblioteka slushatella kontsertov)

READING, PSYCHOLOGY OF

Psychological perception of some forms of information presentation. S. E. Zlochevskii, A. V. Antonov, NTI no. 5:12-17 '66.

RECEPTORS (NEUROLOGY)

Interceptive effects on tonic labyrinthine reflexes. V. S. Raitses, Biol. eksp. biol. i med. 61 no. 5:3-7 My '66.

Method for calculating the distribution density of the receptor number of a certain field based on the frequency of generated impulses. B. I. Balanter, Biol. eksp. biol. i med. 61 no. 6:120-125 Je '66.

Presence of various reactive systems in receptors of the small intestine. N. A. Anikina, Trudy Inst. fiziol. 11:3-13 '65.

RECKLINGHAUSEN'S DISEASE OF NERVE see Neuro-fibromatosis

RECLAMATION OF LAND

(see also subdivision under Pinsk District)

Reclaiming and bringing under cultivation lands in the U.S.S.R. A. I. Marchenko, V. A. Dolotov, Uch. zap. Ped. inst. Gerts. 312: 87-107 '66.

RECLAMATION OF LAND—BIBLIOGRAPHY see Bibliography—Reclamation of land

RECLAMATION OF LAND—ECONOMIC ASPECTS

Problems of the economics of land improvement. L. Braginskii, Vop. ekon. no. 6:63-72 Je '66.

RECORDING INSTRUMENTS

Indicating checking devices. F. P. Mironov, Stan. i instr. 37 no. 8:40 Je '66.

RECREATION ROOMS

Children have no idle time. I. Kulikov, Zhil. i kom. khoz. 16 no. 7:33 Ji '65.

RECTUM—CANCER

Late results of surgical treatment of cancer of the rectum. D. I. Kandolaki, Trudy inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:67-77 '65.

RECTUM—INNERVATION

Electrophysiological analysis of the central mechanisms correcting the interceptive effects on skeletal muscles. A. A. Tradaduk, Biol. eksp. biol. i med. 61 no. 5:7-11 My '66.

RECTUM—SURGERY

Late results of surgical treatment of cancer of the rectum. D. I. Kandolaki, Trudy inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:67-77 '65.

RECURSIVE FUNCTIONS

Some properties of algebras of recursive functions. E. A. Poljakov, Sib. mat. zhur. 7 no. 3:720-723 My-Je '66.

RED CLOVER

Some anatomical characteristics of tetraploid double-cropped red clover (*Trifolium pratense* L. var. *praecox* Witte). N. K. Novakikhina, Ukr. bot. zhur. 23 no. 3:58-56 '66.

RED CROSS

A jamboree of young Red Cross volunteers in Artek. E. Kaikova, Nar. obr. no. 6:126 Je '66.

RED SPIDER see subdivision under Tajikistan

REDUCING AGENTS

Influence of various reducing agents on the quality of steel ingots and mechanical properties of semikilled steel. I. A. A. Shmelev and others, Met. i gornorud. prom. no. 3:25-29 My-Je '66.

REDUCTION, CHEMICAL

Reduction of 2,4-dinitrophenyl hydrazones of α -keto acids and some aldehydic acids in the presence of boride catalysts. N. S. Geiko and others, Dokl. AN SSSR 158 no. 4: 938-941 Je '66.

REDUCTION, ELECTROLYTIC

Kinetics of electroreduction of quinoline. Part 1. N. E. Khomutov, V. V. Tsodikov, Elektrokhiimiya 2 no. 6: 722-728 Je '66.

Reduction of chromic acid in the presence of large concentrations of foreign anions. V. A. Kazakov, A. T. Vagranian, Elektrokhiimiya 2 no. 6:652-655 Je '66.

REED (BOTANY) see subdivision under Kazakhstan; Romania

REED PRODUCTS

Plant manufacturing compactly pressed slabs of reeds. D. Ahura, D. Hol'berg, Sil'bud. 14 no. 11:16-17 N '64.

REFLECTION (DIALECTICAL MATERIALISM)

Current problems in the theory of reflection. V. Tiukhin, Kommunist 43 no. 0:41-54 Je '66.

REFLECTION (OPTICS)

Some properties of a reflecting surface. G. R. Tkachuk, Svetotekhnika 12 no. 6:13-16 Je '66.

REFLEXES

Comparative study of the role of interoceptive factors in feeding habits of animals. Report No. 1. Sucking reflex in puppies receiving food through gastric fistula. E. Sh. Akrapetians, L. V. Lovanova, Trudy Inst. fiziol. 11:49-159 '65.

Electrophysiological analysis of the adaptation process in the central link of the somatic reflex arc. I. S. Bazanova, S. A. Evdokimov, Trudy Inst. fiziol. 11:4-19 '65.

Interceptive effects on tonic labyrinthine reflexes. V. S. Raitses, Biol. eksp. biol. i med. 61 no. 5:3-7 My '66.

Mechanisms of changes in the respiratory and cardiovascular reflexes from the lungs in burns caused by the steam of boiling water. R. U. Looga, Biol. eksp. biol. i med. 61 no. 6:31-33 Je '66.

Peripheral reflexes following stimulation of chemoreceptors of the intestines. S. S. Musilashchikova, Trudy Inst. fiziol. 11:63-72 '65.

Reflex influences on the cardiovascular and respiratory systems under various water supply conditions of the organism. A. I. Lakomkin, Biol. Ob-va estestvoispyt. 13:94-98 '64.

Reflexes from the upper respiratory tracts to the heart in experimental myocarditis. R. A. Fel'herbaum, Biol. eksp. biol. i med. 61 no. 6:33-37 Je '66.

Synaptic processes in motoneurons during viscerosomatic reflexes. P. Duda, P. G. Kostuk, N. N. Preobrazhenskii, Biol. eksp. biol. i med. 61 no. 6:3-9 Je '66.

REFORESTATION see subdivision under Krasnoyarsk Territory

REFRACTION, DOUBLE

Birefringence on microwaves. E. Sh. Perkal'skii, V. L. Lurin, Usp. fiz. nauk 89 no. 1:163-164 My '66.

Dynamic birefringence and viscosity of some oligomers. V. N. TSvetkov, T. I. Garmova, R. P. Shtarkovich, Vysokom. soed. 8 no. 6:900-906 Je '66.

REFRACTIVE INDEX

Method for calculating the refractive indices of optical materials in the spectral range 0.355 - 2.6 μ . V. N. Polukhin, Opt. i spekt. 20 no. 5:874-880 My '66.

REFRACTORIES INDUSTRY see subdivision under Tumenyan (Armenia)

REFRACTORIES INDUSTRY—MECHANIZATION

Growth of the automation and mechanization of production and improving the training of the labor force. V. P. Konopleva, Uch. zap. Ped. inst. Gerts. 286:185-189 '66.

REFRACTORIES INDUSTRY WORKERS—EDUCATION AND TRAINING

Growth of the automation and mechanization of production and improving the training of the labor force. V. P. Konopleva, Uch. zap. Ped. inst. Gerts. 286:185-189 '66.

REFRACTORY CONCRETE

Production and use of refractory concrete. A. I. Chalka, N. G. Voselov, Izv. vya. ucheb. zav.; chem. met. 9 no. 6:227-230 '66.

REFRACTORY MATERIALS

Determination of the parameters of a special solar setup designed for studies of refractory materials. V. S. Dver-nikov, V. V. Paschyni, Dop. AN URSR no. 6:762-768 '66.

Manufacture of carborundum refractories. D. M. Strongin, Stok. i ker. 23 no. 6:38-38 Je '66.

REFRACTORY MATERIALS—STANDARDS

[Refractories and refractory products] Ogneupory i ogneupornykh izdeliia. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1966, 450 p. (SSSR. Gosudarstvennye standarty)

REFRACTORY MATERIALS—TESTING

- Testing a new refractory in the roof of high-capacity open-hearth furnaces. A.I. Liviynskii and others. *Met. i gornorud. prom.* no. 3:55-57 My-Je '66.
- Testing the strength of corundum ceramics in a liquid potassium-sodium alloy. N.I. Kolosova and others. *Teplotiz. vys. temp.* 4 no. 1:113-119 Ja-F '66.

REFRIGERATION AND REFRIGERATING MACHINERY

Gratslanskii, V.N., and F.G. Degtiarev. [Recent developments in the refrigeration machinery of dairy enterprises] *Novoe v kholodil'nom khozias'tve molochnykh predpriyatiy*. Izd. 2., perer. i dop. Moskva, Pishchevala promyshlennost', 1965, 49 p. (Lektia dlia zaochnogo obucheniia)

Pirog, P.I. [Heat insulation of refrigerators] *Teplotizatsiia kholodil'nikov*, 2., perer. i dop. Izd. Moskva, Pishchevala promyshlennost', 1966, 271 p.

Trends in the development of lithium-bromide absorption system refrigerating machines. D.M. Biter, M.M. Kharakh, *Izv. vyz. ucheb. zav. i pishch. tekhn.* no. 3:119-123 '66.

REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS

[Chemical and refrigeration machinery manufacture] *Ref. zhur.: Khim. i khol. mashinost.* no. 5 My '66.

REFRIGERATOR CABS

Efficient utilization of isothermal rolling stock. A.M. Sergeev, B.S. Levshin, A.B. Kaplan, *Zhel.dor. transp.* 48 no. 3:40-43 My '66.

REFRIGERATOR SHIPS

Mitsevlch, A.T. [Ships of the refrigerator fleet] *Suda refrizheratornogo flota*. Moskva, Akad. nauk SSSR, In-t nauchnoi informatsii, 1965, 123 p. (Mash. nauki i tekhniki: Sudostroenie 1965. Serlia "Mashinostroenie")

REFUGEES, RUSSIAN

Nagaitsev, A.P., and I.P. Selishchev. [Under a foreign sky] *Pod chuzhim nebom*. Minsk, 1966, 44 p. (Biblioteka gazety "Holos Radzimy")

REGENERATION (BIOLOGY)

Contemporary theories on the regeneration of cellular elements of the respiratory tissue of mammalian and human lungs. L.K. Romanova. *Usp. sovr. biol.* 61 no. 3:461-470 My-Je '66.

Effect of the serum and blood plasma of animals with regenerating liver on mitosis in the liver of intact animals. S.I. Telepneva. *Biul. eksp. biol. i med.* 61 no. 6:285-88 Je '66.

Makarevskaya, E.A. [Physiology of the regenerative processes in grapevines] *Fiziologiya regeneratsionnykh protsessov u vinogradnoi lozy*. Tbilisi, Meisleroba [1966] 120 p.

Neuromuscular elements in the process of the posttraumatic regeneration of the irradiated muscle. T.N. Tushikova. *Radiobiologiya* 6 no. 3:301-393 '66.

Radioresistance of regenerating muscle tissue. M.F. Popova. *Ark. anat., gist. i embr.* 50 no. 3:41-48 Mr '66.

Regeneration of the central nervous system in amphibia. V.N. Petrov, L.M. Belova. *Uch. zap. KHGU* 140:33-57 '63.

Regenerative processes in the liver of vertebrates following its local injury. N.I. Grigor'ev. *Ark. anat., gist. i embr.* 50 no. 3:118-123 Mr '66.

Restorative processes in the myocardium in rabbits with heart injuries under conditions of experimental therapy. S.S. Saudrasulov, I.U. V. Bukin, *Biul. eksp. biol. i med.* 61 no. 5:27-29 My '66.

REGIONAL PLANNING

Engineering geographical map for regional planning. V.V. Maslennikova. *Izv. Vses. geog. ob-va* 98 no. 3: 212-217 My-Je '66.

REHABILITATION OF JUVENILE DELINQUENTS see subdivision under Moscow

REINDEER see subdivision under Komi A.S.S.R.

REINFORCED CONCRETE CONSTRUCTION

Improve the design and technology of the construction of wire reinforced concrete pavings of airports. F.F. Kostandi, E.N. Smirnov. *Avt. dor.* 29 no. 6:8-10 Je '66.

Using the precast and precast-monolithic prestressed reinforced-concrete elements in erecting the main building of a coal preparation plant. I.S. Cheskiis. *Shkht. stroit.* no. 5:22-23 My '66.

REINFORCED CONCRETE CONSTRUCTION—SAFETY MEASURES

Protection of reinforced concrete and concrete structure from the action of aggressive natural waters. F.M. Ivanov. *Avt. dor.* 29 no. 2:22-24 F '66.

REINFORCED CONCRETE PRODUCTS

Deformability of reinforced concrete elements under bending when subjected to a permanently acting load under different humidity conditions. O.I. Kvitsardze, E.S. Sagatova, L.O. Gvelesiani. *Bet. i zhel.-bet.* [Tbilis] 1:61-70 '65.

Effect of prolonged action of oils and emulsions on the strength of heavy concrete. G.D. Pavlenishvili. *Bet. i zhel.-bet.* [Tbilis] 1:71-73 '65.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

REINFORCING BARS

Thermal hardening of reinforcement rods at the Mayskaya Metallurgical Plant. V.M. Ivashchenko and others. *Met. i gornorud. prom.* no. 3:49-52 My-Je '66.

RELATIVITY (PHYSICS)

General theory of relativity. A. Trautman. *Usp. fiz. nauk* 89 no. 1:3-37 My '66.

[Theory of relativity and high energy physics] Participants in the discussion: V.V. Vladimirovskii and others] *Teoriia otoslovenosti i fizika vysokikh energii*. V besede uchastvuiut: V.V. Vladimirovskii i dr. Moskva, Znaniye, 1966, 43 p. (Novoe v zhizni, nauke, tekhnike. IX Serlia: Fizika, matematika, astronomiya, no. 12)

Two-metric formalism and conservation laws in the general theory of relativity. N.V. Mitskevich. *Trudy Un. druzh. nar.* 11. Fiz. no. 1:56-63 '65.

RELIABILITY (ENGINEERING)

Evaluation of the reliability of restorable systems for a stationary process. I.A. Ushakov. *Radiotekhnika* 21 no. 5:74-75 My '66.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION, PRIMITIVE

Anisimov, A.F. [Spiritual life of primitive society] *Dukhovnaia zhizn' pervobytnogo obshchestva*. Moskva, Nauka, 1966, 241 p.

RELIGION AND SCIENCE

Science helps to struggle against religion. M. Popov. *Biblioteka* 43 no. 7:36-37 Ji '66.

REMOTE CONTROL

Atekhin, S.A., and K.A. Ostrovskaya. [Automatic and remote control in oil fields] *Avtomatizatsiia i telemekhanizatsiia promylov.* Moskva, Nedra, 1966, 75 p.

Means of communication and remote control in rural electrical networks. A. Ganelin. *Tekhn. v sel'khoz.* 25 no. 3:39-41 Mr '66.

Moscow. Tsentral'nyi institut tekhniko-ekonomicheskoi informatsii (Founded 1959). [Technical means for automatic and remote control] *Tekhnicheskie sredstva avtomatizatsii i telemekhanizatsii*. Moskva, 1962. (Poradovol'no-uchno-tekhnicheskiy i proizvodstvennyi opyt. Tema 26)

No. 1. Kadzharov, M.V. [Contactless decoder of binary code using magnetic and transistor elements. Network for recalculation the Gray code to a binary code] *Bekontaktnyy dezhifirator dvoichnogo koda na magnitnykh i poluprovodnikovykh elementakh*. Skhema perescheta koda Greia v dvoichnyi kod. 11 p. (No. A-62-1/1)

No. 2. Bukhol'ts, V.P. [Equipment for the automatic control of water discharging systems in mines] *Apparatura dlia avtomaticheskogo upravleniia rudnichnyimi vodootlivnymi uslovyami*. 11 p. (No. A-62-2/2)

No. 5. 28 p. (No. A-62-0/5)

No. 6. 24 p. (No. A-62-10/6)

No. 7. 12 p. (No. A-62-11/7)

No. 8. [Collection] *Sbornik*. 23 p. (No. A-62-12/8)

No. 9. Stribner, L.A., and others. [Contactless position indicators and their use in positional systems of program control. Coincidence systems and contact transducers for program control systems] *Bekontaktnye datchiki polozheniia i ikh primeneniye v pozitsionnykh sistemakh programmnogo upravleniia*. Sistemy sovpadeniia i kontaktnye datchiki dlia sistem programmnogo upravleniia. 23 p. (No. A-62-13/9)

No. 10. p. (No. A-62-16/10)

No. 11. p. Bandas, A.M., S.V. Shapiro, and I.V. Binnov. [Static ferromagnetic frequency multipliers for automatic control systems] *Statischekie ferromagnitnye umnozhiteli chastoty dlia sistem avtomatizatsii*. 28 p. (No. A-62-17/11)

No. 12. [Abezgauz, M.I., L.M. Agosvskii, and O.I. Liberman. [Contactless devices for the automatic control of continuous lines using ferrets and transistors] *Bekontaktnye ustroystva upravleniia avtomaticheskimi liniami na ferito-tranzistornykh elementakh i poluprovodnikovykh priborakh*. 31 p. (No. A-62-18/12)

Remote control drive for adjusting woodworking machines and lines. M.D. Gosenput, I.U.G. Dmitriev. *Dor. prom.* 15 no. 5:9-11 My '66.

Remote control of Emba fields. P.P. Gagarin, Nefi, khoz. 44 no. 5:44-48 My '66.

Remote control of power cranes. V.S. Migal', V.I. Makeev. *Mekh. i avtom. proizv.* 20 no. 6:30-41 Je '66.

Remote control of the ZD6 engines from the rudder house. V. Ishchenko. *Rech. transp.* 22 no. 8:49 Ag '64.

Svecharnik, D.V. [Distance-type transmission systems; telemetering and remote control systems] *Distsantsionnye peredachi; sistemy izmereniia i upravleniia na rasstoinii*. Izd. 2., perer. i dop. Moskva, Energiia, 1965, 479 p.

Starting remote control device. P. Mitrushin, L. Kharin, E. Kharin. *Sbor. inform. mat. Glav. upr. vych. rab.* 1:5-5:59 '65.

REMOTE CONTROL—ABSTRACTS

[Automatic control, remote control, and computer technology] *Ref. zhur.: Avtom., telemekhan. i vych. tekhn.* no. 6 Je '66. *Predmetnyi ukazatel' za 1965 g.*

REMOTE CONTROL—CONGRESSES

Scientific and technical seminar on "Automatic and remote control in the electric power supply systems of industrial enterprises." A.A. Tatar. *Prom. energ.* 21 no. 5:51-53 My '66.

REMOTE CONTROL—EQUIPMENT AND SUPPLIES

Notaproof feature of a frequency receiver with a two-frequency filter. E. A. El'darov. *Za tekhn. prog.* 4 no. 11:9-11, 20 N '64.

RENT (ECONOMIC THEORY)

Economic nature and the legal form of government ownership of land. V. Shkredov. *Nauch. dokl. vyz. shkoly; ekon. nauki* 9 no. 3:37-45 '66.

Fixed payments as a necessary element of price determination in the petroleum production industry of the U.S.S.R. V.M. Koz'yev. *Ekon. metod. i prom.* no. 1:15-18 '66.

The source changes, but absolute rent remains. L. Lushchits. *Mir, ekon. i mezhdunar. otn.* no. 6: 65-73 '66.

RENTING OF EQUIPMENT, ETC.—STATISTICS

Work of centers renting goods to the population serving their cultural, daily, and household needs in 1965. *Vest. stat.* no. 7:92-95 '66.

REPORTERS AND REPORTING

At the "round table." Sh. Samkoov. *Mezhdunar. shizn'* 13 no. 6:121-123 '66.

REPRESENTATIVE GOVERNMENT AND REPRESENTATION

Millions of people governing the state. *Agitator* no. 8: 39 Ap '64.

REPRODUCTION

Significance of light and temperature in the reproduction of some species of Lepidoptera (Orthocentrus diaphus L. and Bombyx mori L.). A.V. Boluch, I.M. Zolotarevskii, O.I. Kyrychenko. *Dop. AN URSS* no. 6:225-227 '66.

RESEARCH

(see also subdivision under Kishinev; Kola Peninsula; Ukraine)

Diploma to scientific institutions, participants in the Exhibition of the Achievements of the National Economy. *Vest. AN SSSR* 36 no. 6:113-116 Je '66.

In the institutions of higher education of our country. *Vest. vyz. shkoly* 24 no. 5:71-73 My '66.

The nature of scientific creation: a review of foreign literature. M.S. Bernshteyn. *Vop. filoz.* 20 no. 6: 131-142 '66.

Resolutions of the 23d Congress of the CPSU and problems of Soviet science; meeting of the scientists of the Academy of Sciences of the U.S.S.R. *Vest. AN SSSR* 36 no. 6:3-12 Je '66.

RESEARCH—MANAGEMENT

Akademiia nauk SSSR. Sibirskoe otdeleniye. Institut perenogo dela. [Organization and efficiency of scientific research] *Organizatsiia i effektivnost' nauchnykh issledovaniy*. Novosibirsk, Nauka, 1965, 195 p.

RESEARCH, INDUSTRIAL see subdivision under Azerbaijan

RESERVOIR SEDIMENTATION

Calculation of the sedimentation cycle of dammed waters and reservoirs. V.A. Skrylnikov. *Izv. AN Uz. SSR. Ser. tekhn. nauk* 10 no. 3:52-58 '66.

Dependence of the volumetric weight of bottom deposits on their granulometric composition. G.A. Petukhova. *Trudy GGI* no. 132:82-90 '66.

Theory and method for calculating the sedimentation of small reservoirs and ponds. A.V. Karashev. *Trudy GGI* no. 132:60-61 '66.

Turbulence and turbidity in the shore areas of reservoirs and seas. A.V. Karashev. *Trudy GGI* no. 132:47-55 '66.

RESERVOIRS—TEMPERATURE

Experimental evaluation of the extent of heat exchange in the bottom of a reservoir. N.V. Serova, G.Z. Zinchenko, E.F. Semenov. *Trudy GGI* no. 137: 159-162 '66.

RESIDUAL STRESSES

Effect of the conditions of thermomechanical treatment on the cracking of lead α -brass in the annealing process. V.V. Chervinskaya, G.N. Nysanbayev. Trudy Inst. met. i obog. AN Kazakh. SSR 15:85-90 '66.
Unit for investigating residual stresses in the surface layer of parts. O.A. Zherebkin, Zh.A. Zherebkin. Vest. mashinost. 46 no. 6:37-38 Je '66.

RESINS, SYNTHETIC

Stabilizing fine sand with indene-alkyl aromatic resin. V.S. Aliev and others. Avi. dor. 29 no. 6:16-18 Je '66.
Synthetic binder instead of cement mortar. V.I. Solntseva, M.E. Plutskiy, V.I. Savatugin. Avi. dor. 29 no. 2:23 F '66.

RESISTANCE TO FUNGICIDES

Resistance of the agents of apple scab to fungicides. N.A. Shilnikova, Khim. v sel'. khoz. 4 no. 2:22-27 F '66.

RESISTING AN OFFICER

Potenov, G.S. [Liability for offenses against law enforcement]. Otvetsivennost' za prestupleniya protiv poriadka upravleniya. Moskva, Iuridicheskaya literatura, 1966. 135 p.

RESONANCE

Behavior of resonance curves of a nonisochronous oscillator. I.M. Dorfman. Izv. AN Uz. SSR. Ser. tekhn. nauk 10 no. 3:33-38 '66.

RESPIRATION

Cardiac activity and the functional state of the respiratory system in thirst. A.I. Laktionin, L.S. Murova. Biol. Ob-vn estestvoispyt. 13:99-104 '64.
Changes in the function of the external respiration in patients with silicosis during treatment at the Shivan-da Health Resort. N.I. Krylova. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:136-140 Mr-Apr '66.
Effect of aminazine on the cardiovascular system and respiration following intravenous and subcutaneous introduction of the preparation. L.S. Korndil, Lek. i syr. res. Irk. obl. no. 4:150-157 '65.
Effect of rapid cooling and heating on blood pressure and respiration. G.I. Odishvili, G.V. Khvedelidze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:310-332 '66.
Effect of thermal and mechanical stimulation of the rumen in sheep on gas exchange and electric activity of the skeletal muscles. A.F. Davydov, G.D. Romanovskaya. Trudy Inst. fiziol. 11:175-181 '65.
Participation of the olfactory analyzer in the regulation of respiration. Report No. 1. Significance of the functioning of the olfactory analyzer in the regulation of respiration following exclusion of visual and auditory receptions. A.V. Pogrebkova. Trudy Inst. fiziol. 12:265-270 '65.
Participation of the olfactory analyzer in the regulation of respiration. Report No. 2. Respiratory reactions in dogs following exclusion of olfactory reception. A.V. Pogrebkova. Trudy Inst. fiziol. 11:271-278 '65.
Reflex influences on the cardiovascular and respiratory systems under various water supply conditions of the organism. A.I. Laktionin. Biol. Ob-vn estestvoispyt. 13:94-98 '64.

RESPIRATORS

Oxygen respiratory equipment for insuring the safety of high-altitude flights. V.A. Glazkova, I.N. Chernyakov. Voen.-med. zhur. no. 6:87-89 Je '66.

RESPIRATORY ORGANS

Functional capacity of the respiratory apparatus in senior wrestlers. L.L. Ishkhanov, G.S. Tunmanian. Teor. i prakt. fiz. kul't. 20 no. 6:49-51 Je '66.

RESPIRATORY ORGANS—DISEASES

Treatment of patients with chronic tonsillitis and chronic nonspecific diseases of the respiratory organs on the south coast of the Crimea. L.L. Vignya. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:132-136 Mr-Apr '66.

RESPIRATORY ORGANS—INNERVATION

Reflexes from the upper respiratory tracts to the heart in experimental myocarditis. R.A. Folberbaum. Biol. eksp. biol. i med. 61 no. 6:33-37 Je '66.

RESPIRATORY ORGANS—WOUNDS AND INJURIES

Effect of aggressive liquids on the upper respiratory tract. D.M. Skudnov. Voen.-med. zhur. no. 12:60-70 D '65.

REST

Rest should be efficient. I. Vorona. Sots. trud 11 no. 6: 80-81 Je '66.

RESUSCITATION

Anesthesiological and resuscitation aid in a remote garrison hospital. V.I. Dzibba, V.G. Dybok. Voen.-med. zhur. no. 5:65-68 My '66.

Nosovskiy, V.A., ed. [Principles of the science of resuscitation] Osnovy resusitatsiologii. Moskva, Meditsina, 1966. 300 p. (DNLM)

Reanimation of patients in a hospital. P.I. Logvinenko. Voen.-med. zhur. no. 5:64-65 My '66.

RETAIL TRADE

Some problems of the development of Soviet trade during the period of the building of communism. L.G. Mirskova. Trudy INKH no. 28:56-72 '65.
[Trade abroad] Torg. za rub. nos. 2, 8 '66.

Work program of the five-year plan. Sov. torg. 30 no. 6:1-4 Je '66.

RETAIL TRADE—MANAGEMENT see subdivision under Aleksandrovskoye (Stavropol Territory); Bryansk Province; Moscow

RETAIL TRADE—MECHANIZATION

Introducing means of mechanization and automation in retail trade. I.A. Ivanov. Mekh. i avtom. proizv. 20 no. 6:44-46 Je '66.

RETINA

Injury of the retina by X-ray irradiation. R.K. Maemur, N.A. Manturo, Radiobiologiya 6 no. 3:431-433 '66.
Role of adrenoactive structures in signal conduction in the retina of frogs. V.B. Val'tsev. Zhur. vyzn. nerv. delat. 16 no. 3:535-537 My-Je '66.

REVENUE

Improve the work on the state revenue; review of articles and correspondence received by the editor. Fin. SSSR 40 no. 5:57-61 My '66.

REWARDS (PRIZES, ETC.)

Diplomas to scientific institutions, participants in the Exhibition of the Achievements of the National Economy. Vest. AN SSSR 36 no. 6:113-116 Je '66.
Let us talk about honor certificates. A. Demeshko. Sov. profsoyuz 22 no. 10:13 My '66.

RHAMNOCSE

Stereospecific mutarotation of α -L-rhamnose under the effect of optical isomers and in the presence of α -phenylethylamine racemate as a catalyst. V.A. Pavlov, E.I. Klabunovskiy, A.A. Belandin. Kin. i kat. 7 no. 3: 551-553 My-Je '66.

RHENIUM

Ion-exchange extraction of rhenium from highly diluted solutions. A.N. Zelikman, G. Meisner. Zhur. prikl. khim. 39 no. 6:992-1000 My '66.

RHENIUM—ANALYSIS

Amperometric titration of rhenium. Report No. 1: Titration of rhenium (VII) with chromium bivalent salts. Z.A. Galat, T.I.A. Rubinskaya, A.V. Fursova. Zhur. anal. khim. 21 no. 5:584-589 '66.

Antipyrene dyes as reagents for heptavalent rhenium. A.I. Busev, M.B. Ogareva. Zhur. anal. khim. 21 no. 5:574-583 '66.

RHENIUM CATALYSTS

Reactions of organosulfur compounds in the presence of rhenium catalysts. A.V. Moskvin, E.M. Vakurova. Dokl. AN SSSR 160 no. 4:821-824 Je '66.

RHEOLOGY

Regularity in the deformation and rheologic coefficients of beechwood. B.N. Ugolev, A.M. Monina, V.I. Pimenov. Der. prom. 15 no. 5:14-15 My '66.

RHEOLOGY (BIOLOGY)

Late results of mitral commissurotomy based on data of polycardiography and separate rheography. A.I. Spector. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:80-84 '65.

RHETORIC, ANCIENT

Longinus, Cassius. Spurious and doubtful works. [On Sublimity. Translated from the Greek] O vozvysheymom. Moskva, Nauka, 1966. 140 p. (Literaturnye pamiatniki)

RHEUMATIC FEVER

Bacteriological study of the blood in septic endocarditis and rheumatism. V.P. Kondratova. Zhur. mikrobiol., epid. i immun. 43 no. 5:31-34 My '66.

Incidence of rheumatism and other streptococcal infections in schoolchildren. N.A. Iakubina, K.V. Zarubina, M.S. Meller. Zhur. mikrobiol., epid. i immun. 43 no. 5:120-125 My '66.

RHEUMATIC FEVER—PREVENTION

Prevention of rheumatism among navy personnel. V.I. Gusev, A.S. Solodkov. Voen.-med. zhur. no. 6:76-77 Je '66.

RHEUMATIC HEART DISEASE

(see also subdivision under Alma-Ata)

Changes in the spinal cord in primary rheumatic carditis in children. N.A. Iakubchuk. Zhur. nev. i psikh. 66 no. 7:1009-1012 '66.

Clinicohematological and immunochemical characteristics of an active rheumatic process in patients with mitral stenosis. I.U. M. Briakin and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:82-85 '65.

Pathomorphological and histochemical characteristics of active rheumatic carditis in mitral stenosis. I.U. M. Briakin, S.P. Goriachev, E.V. Korzhikova. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:152-155 '65.

Postoperative complications in the surgical treatment of bi- and trivalvular cardiac defects. G.I. Tsukerman, A.D. Levant, L.A. Danilina. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:89-92 '65.

Some characteristics of the course of latent rheumatism in young persons. V.P. Khomenok. Voen.-med. zhur. no. 12:18-21 D '65.

Some characteristics of the course of the operation period on mitral stenosis in patients with active rheumatic carditis. I.U. M. Briakin, N.G. Tsyzhukova, V.A. Chubunovskiy. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:43-45 '65.

Surgery's tactics in the operative treatment of mitral stenosis under conditions of active rheumatic carditis. I.U. M. Briakin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:25-29 '65.

RHINITIS IN SWINE

Materials on the study of the etiology of infectious atrophic rhinitis in swine. V.V. Nikolaeva. Vop. vet. virus. 2:633-634 '66.

RHODESIA—EMBARGO

Under cover of embargo. L. Korneev. Az. i Afr. seg. 9 no. 6:24-25 Je '66.

RHODIUM CATALYSTS

Crotonic condensation of n-butyraldehyde in the presence of a rhodium catalyst. I.A. T. Eklund and others. Nefte-khimiya 6 no. 2:282-285 Mr-Apr '66.

RHODIUM COMPOUNDS

Complex formation of silver ions with a hexachlororhodate ion. A.V. Bellayev, D.V. Pilyayev. Izv. SO AN SSSR no. 3, Ser. khim. nauk no. 1:135-138 '66.

RHODIUM—IRON ALLOYS see Iron-rhodium alloys

RHODODENDRON—PHYSIOLOGICAL EFFECT

General effect and toxicity of Rhododendron dahuricum L. S.R. Semenov, S.D. Troitsenko. Lek. i syr. res. Irk. obl. no. 4:176-179 '65.

RIBOFLAVIN

Synthesis and destruction of chlorophyll in plants under the influence of gibberellin and vitamin B2. V.I. Artamonov. Fiziol. rast. 13 no. 3:424-426 My-Je '66.

RICE see subdivision under Kzyl-Orda Province

RICKETTSIA

Comparative study of the biological and enzymatic properties of the avirulent E strain and the Brail strain of Rickettsia prowazekii. L.P. Zubok. Zhur. mikrobiol., epid. i immun. 43 no. 5:4-8 My '66.
Physiology and biochemistry of rickettsia. I.P. Zubok. Usp. sov. biol. 61 no. 3:426-442 My-Je '66.

RIGA—SCHOOLS

Schools No. 20 and No. 45 in Riga. E. Solov'eva. Nar. obr. no. 6:71-73 Je '66.

RIGA, GULF OF—LARVAE—FISHES

Interrelationship between the larvae of Pomatoschistus minutus (Pallas) and Clupea harengus membran L. in the Gulf of Riga. V.S. Tanaichev, E.T. Trauberg. Vop. ikht. 6 no. 2:392-397 '66.

RINDERPEST—MICROBIOLOGY

Detection of lapinized cattle plague virus in tissue culture cells with the aid of fluorescent antibodies. Z.M. Lukhanova, TS. TS. Kharatuev. Vop. vet. virus. 2:6-14 '66.

Heterogeneity of the vaccine strain LT of the cattle plague virus. V.S. Porzhenkovich and others. Vop. vet. virus. 2:197-201 '66.

Isolation of nucleic acids from the vaccine strain LT of the cattle plague virus and the European chicken plague virus. I.F. Orlovskaya and others. Vop. vet. virus. 2:189-193 '66.

RINDERPEST—PREVENTIVE INOCULATION

Comparative study of the reactogenicity and immunogenicity of the cultural variants of strain L-3 of the cattle plague virus. I.U. I. Petrov and others. Vop. vet. virus. 2:504-512 '66.

Determination of aerosol concentrations of the vaccine strain L-3 of the cattle plague virus by the use of a fluorescent indicator. R.A. Kirichukhin, A.I. Solomakhina, P.P. Kuznetsov. Vop. vet. virus. 2:19-10 '66.

Effect of humidity and ultraviolet radiation on the dust phase of the aerosol vaccine L-3 used against cattle plague. R.A. Kirichukhin and others. Vop. vet. virus. 2:521-525 '66.

Evaluation of the effectiveness of vaccines and the diagnosis of cattle plague with the aid of the complement fixation reaction and the neutralization reaction. N.I. Mikhin and others. Vop. vet. virus. 2:513-520 '66.

Morphological evaluation of the pathogenicity of the vaccine strain L-3 of the cattle plague virus and its cultural variants in rabbits. S.F. Chevalov and others. Vop. vet. virus. 2:567-575 '66.

RINGS (ALGEBRA)

Completely ordered rings. A.I. Cheremisin. Alg. i log. 4 no.6:29-46 '65.

RIVERS

Ibad-Zade, I. A., and T. N. Khasbati. [Evolution of riverbeds] Formirovaniye rusel rek. Baku, Izd-vo Akad. nauk Azerbaidzhan'skoi SSR, 1966. 223 p.

Investigation of a device used in studying the movement of coarse sediments in streams. N. I. A. Solov'ev. Trudy GGI no. 132:110-125 '66.

Problems concerning the applicability of methods of sediment transportation calculations to rivers. K. V. Razumikhina. Trudy GGI no. 132:18-45 '66.

RIVERS—REGULATION

Good navigation conditions on waterways during the fall low-water period. M. Golovushkin. Rezh. transp. 22 no.8:33-35 Ag '64.

Hydraulic calculation of flow distributing energy dissipators of the deflecting baffle type. E. D. Aliev. Za tekhn. prog. 4 no. 11:36-38 N '64.

Use of mobile stream-forming structures in the free floating drive of short lumber. V. S. Makarevich. Izv. vyz. ucheb. zav. i les. zhur. 9 no. 2:84-89 '66.

RIVETS AND RIVETING

Methods of studying the concentration of stresses in rivet joints performing under varying loads and some results of using it. V. O. Osipov. Trudy MFT no. 227: 133-135 '66.

ROAD CONSTRUCTION

(see also subdivision under Kazakhstan; Moscow Province)

Conserve labor. Avt. dor. 29 no.6:1 Je '66.

The 50th anniversary of the Soviet rule. M. Fominov. Avt. dor. 29 no.6:4 Je '66.

Productivity and scientific organization of labor. I. Burlov. Avt. dor. 29 no.6:2 Je '66.

Save in the great and the small. Avt. dor. 29 no. 2:1 F '66.

Securing the stability of banks on marshlands. M. A. Shaposhnikov. Avt. dor. 29 no.6:5-7 Je '66.

Sokolov, M. L., and S. A. Tresklnskii. [Surveying and designing automobile roads in mountainous terrain] Izsledovaniya i projektirovaniye avtomobil'nykh dorog v gornoi mestnosti. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 254 p. (ICJ)

Working methods of an outstanding excavator operator. E. Pronkin. Avt. dor. 29 no.6:3-4 Je '66.

ROAD CONSTRUCTION—ACCOUNTING

(see also subdivision under Caucasus, Northern)

ROAD CONSTRUCTION—FINANCE

Efficiency of investments in the construction of rural roads. A. Slavutskii. Avt. dor. 29 no. 2:6-8 F '66.

ROAD CONSTRUCTION—MECHANIZATION

Polosin-Nikitin, S. M. [Mechanization of road construction] Mekhanizatsiya dorozhnykh rabot. Moskva, Transport, 1966. 398 p.

ROAD CONSTRUCTION—TECHNOLOGICAL INNOVATIONS

The Road Section of Scientific and Technological Society promotes technical developments. I. Kovalenko. Avt. dor. 29 no.6:31-32 Je '66.

ROAD CONSTRUCTION WORKERS

Outstripping time. N. F. Gushchenko, I. A. Kratochkvii. Transp. stroi. 16 no. 6:35 Je '66.

ROAD MACHINERY

Causes for the exceeding of planned operational cost of road machinery. M. A. Ivanov. Avt. dor. 29 no. 2: 4 F '66.

ROAD MACHINERY—MAINTENANCE AND REPAIR

Kuznetsov, A. I. [Repair of the parts of road machinery; fundamentals of the multiple method of part repair] Remont detalей dorozhnykh mashin; osnovy gruppovogo metoda remonta detalей. Moskva, Transport, 1966. 133p.

ROAD MATERIALS—TESTING

Determining the strength of stone materials in testing their frost resistance. A. M. Viktorov. Avt. dor. 29 no. 2:23-29 F '66.

ROADS

(see also subdivision under Czechoslovakia)

Road news. Avt. dor. 29 no. 2:3 of cover, F '66.

ROADS—ABSTRACTS

[Highways] Ref. zhur.: Avt. dor. no. 6 Je '66.

ROADS—DESIGN

Designing drops and water-diversion ditches. B. Mallov. Avt. dor. 29 no. 6:28 Je '66.

Tracing the riding part on curves. V. Sil'nikov, M. Afanas'ev. Avt. dor. 29 no. 2:20 F '66.

ROADS—INTERCHANGES AND INTERSECTIONS

Road crossings on the same level require special attention. L. S. Stetsluk, L. A. Keroglu, T. I. Karpushina. Avt. dor. 29 no. 6:24-25 Je '66.

Traffic capacity of intersections on different levels. V. V. Vlasov. Avt. dor. 29 no. 8:25 Je '66.

ROADS, CONCRETE

Synthetic materials for road plastic concretes. G. K. Siunli, V. N. Kovalevich. Avt. dor. 29 no. 6:14 Je '66.

ROADS, ICE

Laying snow pavements with serial road machines. A. I. A. Erastov and others. Avt. dor. 29 no. 2:12-13, 21 F '66.

SUM-2 snow packing machine. L. Plaksa. Tekh. v sel'khoz. 25 no. 3:53 Mr '65.

ROADS, SOIL-CEMENT

Bitumen emulsions for the maintenance of soil cement roads. V. A. Ivantsov, L. P. Ostroshko, V. B. Permyakov. Avt. dor. 29 no. 2:13-14 F '66.

ROBBER FLIES

(see also subdivision under Khasan Lake region)

New and little-known genera and species of robber flies (Diptera, Asilidae) in the U. S. S. R. V. A. Rikhter. Ent. obozr. 45 no. 2:412-423 '66.

ROBOTS

(see Automata)

ROCK DRILLS—CONGRESSES

Moscow, Institut gornogo dela imeni A. A. Skochinskogo. [Rockbreaking by mechanical methods; transactions] Razrusheniye gornykh porod mekhanicheskimi sposobami; [trudy] Moskva, Nauka, 1966. 277 p.

ROCK MECHANICS

Conditions of rotary boring of boreholes. O. D. Alimov, L. T. Dvornikov. Fiz. -tekhn. probl. razrab. pol. iskop. no. 3:91-96 '65.

Generalization of the probability approach to the estimate of mechanical properties of rock masses. V. I. Sheinsh. Fiz. -tekhn. probl. razrab. pol. iskop. no. 3:14-21 '65.

Kinetics of the growth of fractures in the process of rock breaking by blasting. Sh. A. Mametov, V. N. Moshaeva. Fiz. -tekhn. probl. razrab. pol. iskop. no. 3:68-77 '65.

ROCK PRESSURE

Role of rock pressure in clay cavings. V. D. Gorodnov, I. B. Adel'. Trudy MINKHGP no. 57: 180-184 '66.

ROCK PRESSURE—CONGRESSES

Scientific coordinating conference on the problem of rock pressure. M. Kurdenia. Fiz. -tekhn. probl. razrab. pol. iskop. no. 3:147-148 '65.

ROCK PRESSURE—MEASUREMENT

Study of rock pressure in mining thick seams with the use of flexible shields. S. I. Zapreev, A. K. Kovrizhin, A. I. Nikiforov. Fiz. -tekhn. probl. razrab. pol. iskop. no. 3:43-50 '65.

ROCK PRODUCTS

(see subdivision under Kuznetsk Basin)

ROCK PRODUCTS INDUSTRY

(see subdivision under Pļavinas (Latvia))

ROCKET ENGINES—ABSTRACTS

[Aircraft and rocket engines] Ref. zhur.: Av. i raket. dvlg. nos. 5-8 My-Je '66.

ROCKET ENGINES—VIBRATION

Gurov, A. F. [Stress analysis and vibrations in rocket engines] Raschety na prochnost' i kolebaniya v raketnykh dvigatelakh. Moskva, Mashinostroyeniye, 1966. 465 p.

ROCKETRY—ABSTRACTS

[Rocket building] Ref. zhur.: Raketostr. no. 6 Je '66.

ROCKETS IN GEOGRAPHY

Space photography for the geographical study of the globe. B. V. Vinogradov. Izv. Vses. geog. ob-vn 88 no. 2:101-111 Mr-Apr '66.

ROCKLING

(see subdivision under Black Sea)

ROCKROSE

(see subdivision under Luga District)

ROCKS

Problems of the new theory of rock breaking by blasting. P. A. Makhin, V. K. Karchevskii. Fiz. -tekhn. probl. razrab. pol. iskop. no. 3:51-67 '65.

ROCKS—ANALYSIS

(see subdivision under Lovozero Tundra)

ROCKS—CRUSHING AND GRINDING

Shattering of rock depending on the location of priming of elongated charges. G. K. Akutin, R. T. Franko. Met. i gornorud. prom. no. 3:64-66 My-Je '66.

ROCKS—DENSITY

(see subdivision under Krasnodar Territory)

ROCKS—THERMAL PROPERTIES

Determining the thermal properties of rocks in relation to temperature. A. P. Dmitriev, L. S. Kuznetsov, G. N. Dobrovolskii. Fiz. -tekhn. probl. razrab. pol. iskop. no. 3:136-141 '65.

ROCKS—THERMOELECTRIC PROPERTIES

Parameters of electrothermal breaking of rocks by commercial-frequency currents. V. V. Rzhavskii, M. I. Protasov, V. B. Dobretsov. Fiz. -tekhn. probl. razrab. pol. iskop. no. 3:136-138 '65.

ROCKS, CARBONATE

(see also subdivision under Khala-Kort Oil Field)

Imparting sulfate-resistant properties to portland-cement concrete using carbonate rocks. I. A. Sanadze. Bet. i zhel.-bet. [Pis'ma] 1:5-13 '65.

ROCKS, CRYSTALLINE AND METAMORPHIC

(see subdivision under Azov Sea region; Transbaikalia)

ROCKS, IGNEOUS

(see also subdivision under Georgia)

Genesis of deep-seated basic rocks and ultrabasics. G. M. Zaridze. Izv. AN SSSR. Ser. geol. 31 no. 6:27-38 Je '65.

Mineral associations of alkali rocks. A. I. Ginzburg, A. M. Portnov. Geokhimiya no. 4:390-403 Ap '66.

Some characteristics of the distribution of oxygen isotopes in igneous rocks. E. I. Duntsova. Geokhimiya no. 4:430-442 Ap '66.

ROCKS, SEDIMENTARY

(see also subdivision under Magdzhur Hills region)

Age determination of sedimentary rocks based on the organic part of sediments. M. G. Ramazanzade, P. M. Rostomian. Izv. vyz. ucheb. zav. i nef' i gaz. 9 no. 2:6-8 '66.

Concretion formations and their possible significance in the study of metamorphic rocks. P. V. Zarihtskii. Dokl. AN SSSR 168 no. 4:880-892 Je '66.

RODENTS

(see subdivision under Nakhichevan A. S. S. R.; Voronezh Province)

RODENTS—BIOLOGICAL CONTROL

Prokhorov, M. I. [Microbiological method for controlling harmful rodents] Mikrobiologicheskii metod bor'by s vrednymi gryzunami. Izd. 2., perer. i dop. Ierlingrad, Kolos, 1966. 172 p. (DNAL)

RODENTS—EXTERMINATION

(see subdivision under United States; Voronezh)

ROGOVOI, PAVEL PROKOF'EVICH, 1895-

Jubilee of Professor P. P. Rogovoi. I. K. Blintsev. Izv. vyz. ucheb. zav. i les. zhur. 9 no. 2:174 '66.

ROLLING (METALWORK)

Branch structure of the consumption of metal in the U. S. S. R. and capitalist countries. A. P. Iankov. Fiz. i khim. 43 no. 6:90-90 Je '66.

Calculating the elongation and the pull of the feed during rolling with nonuniform reduction. D. I. Starchenko, T. F. Vlasov. Izv. vyz. ucheb. zav. i khim. met. 9 no. 6:100-104 '66.

Conditions of hot and warm rolling of certain titanium alloys. I. M. Pavlov and others. Trudy MEI no. 61 pt. 1:181-193 '65.

Dependence of the cold rolling process on the speed of a continuous mill. I. V. P. Abdulov, D. I. Sufarov, V. I. Alekseev. Izv. vyz. ucheb. zav. i khim. met. 9 no. 6: 91-99 '66.

Determining deformation forces in rolling ring-type blanks on a mandrel. P. K. Teterin, V. P. Lakhtinov. Kuz. -sham. prozv. 8 no. 6:9-14 Je '66.

Effect of the temperature of rolls on the specific pressure in the rolling of iron-aluminum alloys. I. M. Pavlov, G. N. Mekhed, V. A. Suvorov. Izv. AN SSSR. Met. no. 3: 90-93 My-Je '66.

Experimental determination of coefficients giving a more accurate equation of characteristic angles. I. M. Pavlov. Trudy MEI no. 61 pt. 1:5-10 '65.

Forward flow during rolling with uniform reduction changes using cylindrical rolls. T. M. Golubev, L. V. Morozov. Izv. vyz. ucheb. zav. i khim. met. 9 no. 6:105-111 '66.

Influence of rolling a cold-rolled transformer sheet with negative allowances on its electrochemical properties. A. T. Porovizko and others. Met. i gornorud. prom. no. 3:53-54 My-Je '66.

Kinetics of the 00 steel recrystallization process depending on the conditions of cold deformation and the annealing temperature. I. M. Pavlov, I. A. Skakov, D. I. Mekhed. Trudy MEI no. 61 pt. 1:181-187 '65.

Measuring friction forces and calculating the coefficient of friction during plastic metal flow in a closed groove. G. I. Masalovich. Trudy MEI no. 61 pt. 1:103-111 '65.

ROLLING (METALWORK) (Continued)

- Method of producing a bimetal. IU, V. Knyshov, I. M. Pavlov. *Trudy MEI* no. 61 pt. 1:67-69 '65.
- Slipping in a tangential direction during the cross rolling of solids. V. I. A. Osadchii and others. *Trudy MEI* no. 61 pt. 1:71-78 '65.
- Texture of the intermediate layer in cold-rolled silicon steel. I. P. Kudriavtsev. *Fiz. met. i metalloved.* 18 no. 1:121-124 '64.
- Thermal hardening of rolled products. K. F. Starodubov. *Met. i gornorud. prom.* no. 3:46-48 My-Je '66.

ROLLING (METALWORK)—COSTS

- Methods of operational analysis of rolling costs. N. S. Saenko and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 6:222-226 '66.

ROLLING (METALWORK)—EQUIPMENT AND SUPPLIES

- Metal hardening during the shape forming of steel strips on a cold roll forming mill. V. A. Giamershtein, V. A. Stepanov, V. N. Shapoval. *Met. i gornorud. prom.* no. 3: 34-36 My-Je '66.

ROLLING (METALWORK)—QUALITY CONTROL see subdivision under Ukraine

ROLLING CONTACT

- Contact surface of the metal with the rolls during tube piercing. V. I. A. Osadchii and others. *Trudy MEI* no. 61 pt. 1:123-138 '65.

ROLLING MILLS

- Surface shape of the groove and working cone for cold rolling of pipes. V. I. Sokolovskii. *Izv. vys. ucheb. zav.; Mashinost.* no. 4:131-137 '66.

ROLLING MILLS—DESIGN AND CONSTRUCTION

- Performance of the transmission for the screwdown mechanism in adjusting the feed. V. A. Titagunov and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 6: 217-221 '66.

- Place for the setting up of guards for the transmission of rolling mill rolls. V. I. Khomenko. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 6:214-216 '66.

- Rolling in nonuniform cross-section rolls with a single driving roll. V. N. Vydrin, V. I. Kravchuk. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 6:116-120 '66.

ROLLING MILLS—EQUIPMENT AND SUPPLIES

- Resistance to cutting of certain brands of steel by hot cutting shears. L. I. Tsukhovich, G. F. Smirnov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 6:112-115 '66.

ROLLS (ROLLING MILLS)

- Determining pressures in trapeziform section grooves. I. M. Pavlov, I. G. Astakhov, M. M. Mezhaurov. *Trudy MEI* no. 61 pt. 1:43-52 '65.

- Effect of roll grooving on the character of the simultaneous elastic work of the rolls on thin-sheet mills. P. I. Polukhin, A. S. Kudriavtsev, N. G. Betts. *Trudy MEI* no. 61 pt. 1:214-220 '65.

- Engineering method of calculating plastic deformations of rolls on four-high mills. P. I. Polukhin, V. I. Skorupskii. *Trudy MEI* no. 61 pt. 1:23-34 '65.

- Force conditions in a beam pass. P. I. Polukhin, V. T. Zhadan. *Trudy MEI* no. 61 pt. 1:113-122 '65.

- Metal pressure on the rolls and axial force during the cross rolling of pipe. F. S. Schudilov and others. *Trudy MEI* no. 61 pt. 1:79-89 '65.

- Shape characteristics of ordinary grooves. P. I. Polukhin, V. S. Berkovskii. *Trudy MEI* no. 61 pt. 1:239-245 '65.

- Trel'akov, A. V., and E. A. Garbar. [Design and study of rolls for cold rolling] *Raschet i issledovaniia valkov kholodnoi prokalki.* Moskva, Mashinostroyeniye, 1966. 177 p.

- Using rolls with a special shape of their surface on the roughing stand of a sheet-rolling mill for the removal of scale during the rolling process. I. M. Pavlov and others. *Trudy MEI* no. 61 pt. 1:221-231 '65.

- Wear and hardening of the surface of backup rolls on cold strip rolling mills. A. L. Khotomlanskii and others. *Met. i gornorud. prom.* no. 3:31-34 My-Je '66.

ROLLS (ROLLING MILLS)—COOLING

- Cooling and lubrication of rolls during the rolling and flattening of wire rods. L. D. Sokolov and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 6:210-213 '66.

ROLLS (ROLLING MILLS)—TESTING

- Testing of cold rolling working rolls in OKh2SVF steel. V. K. Barzil, E. I. Treigler. *Met. i gornorud. prom.* no. 3:30-38 My-Je '66.

ROMANOV, NIKOLAI ALEKSANDROVICH

- N. A. Romanov's scheme of the "stochastic theory of teaching." A. N. Kolmogorov. *Priroda* 55 no. 7:98-89 '66.

ROMASHKINO OIL FIELD—OIL FIELD FLOODING

- Intensifying the development of petroleum reserves by creating a supplementary flood focus. B. S. Syvichev, V. M. Udin, V. F. Basiv. *Neft, khoz.* 44 no. 5:32-35 My '66.

ROME—CIVILIZATION

- Suzdal'skii, Iu. P., and others. [On the seven hills; essays on the culture of ancient Rome] *Na semii khokhmakh; ocherki kul'tury drevnego Rima.* 2. izd. Moskva, Prosveshcheniye, 1965. 398 p. (MII)

ROMME, GILBERT, 1750-1795

- Gilbert Romme, Pavel Stroganov, and the Saint Petersburg Court. V. M. Dalin. *Vop. ist.* 41 no. 6:207-213 Je '66.

ROOFING—SAFETY MEASURES

- Ivlev, N. G. [Safety manual on roofing] *Pamiatka po tekhnike bezopasnosti pri rabote na kryshe.* Moskva, Stroizdat, 1965. 27 p. (Tekhnika bezopasnosti v kommunal'nom khoziaistve)

ROOFS

- Moscow. Tsentral'nyi nauchno-issledovatel'skii i projektirovannyi institut promyshlennyykh zdani i sooruzhenii. [Instructions on the manufacture of glass reinforced mastic roofs] *Instruktsia po ustroistvu nastroichnykh krovel', armirovannykh steklomaterialami.* Moskva, Stroizdat, 1966. 36 p.

ROOFS, SUSPENSION see subdivision under Kharkov

ROOFS (BOTANY)

- Effect of low temperature in the roof zone on some physiological processes in corn plants. S. S. Andreeva, B. Kerechki. *Dokl. AN SSSR* 168 no. 4:947-950 Je '66.

- Growth rhythm in the root systems of some herbaceous plants of oak forests. O. V. Smirnova. *Biol. MOIP. Otd. biol.* 71 no. 2:54-63 Mr-Ap '66.

- Phosphatase activity of the roots of some plants and the effect of micro-organisms on it. E. K. Dubovenko. *Fiziol. rast.* 13 no. 3:520-521 My-Je '66.

ROSES—DISEASES AND PESTS see subdivision under Moscow Province

ROSTOV PROVINCE—AUDITING AND INSPECTION

- With the aid of volunteers. A. Sokol'skii. *Fla. SSSR* 40 no. 5:54-55 My '66.

ROTARY CONVERTERS

- Calculation of transient processes in a generator-motor system with feedback according to speed and generator excitation from magnetic amplifiers. Iu. I. Bocharov. *Trudy LPI* no. 259:18-24 '65.

- Using rotary machines for decreasing voltage nonsymmetry of the bus conductors of substations with nonsymmetrical loads. S. M. Rozhavskii. *Izv. vys. ucheb. zav.; energ.* 9 no. 5:9-14 My '66.

ROTARY KILNS see Kilns, Rotary

ROTATING AMPLIFIERS

- Problems of the theory of an amplidyne amplifier with a split magnetic circuit. E. A. Dikarev. *Elektronika* 37 no. 5:9-11 My '66.

ROTATION OF CROPS

- Effect of fertilizers and preceding crops on the quality of the grain of spring wheat. N. S. Shekhtarev, G. P. Chekhovskikh. *Izv. KUB, SKH* 17:27-31 '63.

- Improving the structural qualities of soils in crop rotations without perennial grasses. D. I. Burav, I. A. Chudanov. *Izv. KUB, SKH* 17:67-72 '65.

- Some crops preceding winter rye. I. I. Gunkin. *Izv. KUB, SKH* 17:204-209 '65.

ROTATIONAL MOTION

- First transcendental integrals of the equations of motion of a heavy solid around a fixed point. Iu. A. Arkhangelskii. *Dokl. AN SSSR* 168 no. 4:763-765 Je '66.

ROTIFERA see subdivision under Rybinsk Reservoir

ROTORS

- Makarov, L. S., and I. Z. Urekskii. [Casting of the rotors of large electrical motors] *Zalivka rotorov elektrodvigatelei bol'shikh gabaritov.* Moskva, Energiya, 1966. 120 p.

- New individual rotor drive. M. A. Garibov. *Azerb. neft khoz.* 45 no. 5:44-45 My '66.

ROVE BEETLES

- Some larvae of rove beetles of the genus *Staphylinus* L. (sensu lato) (Coleoptera, Staphylinidae). V. A. Potolskaia. *Ent. obozr.* 45 no. 2:354-363 '66.

ROVNO PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

- Strutinskii, N. V. [On the banks of the Goryn' and the Sluch' a documentary tale. As told to S. Dranov] *Na beregakh Goryni i Sluchi; dokumental'naya povest'. Literaturnie zapiski S. Dranova.* L'vov, Kamentar, 1966. 174 p.

ROWING

- Energy characteristics of fulcrums in college rowing. V. F. Dorofeev. *Teor. i prak. fiz. kult.* 29 no. 6:29-32 Je '66.

RUBBER

- Basic stabilizers for synthetic rubbers and vulcanized rubbers and their manufacture in capitalist countries. Z. V. Vysockaya, M. F. Kolchikova, E. I. Starovoirova. *Zhur. VNIIO* 11 no. 3:311-310 '66.

- Ozone aging of rubbers. Iu. S. Zuev. *Zhur. VNIIO* 11 no. 3:286-293 '66.

RUBBER—TESTING

- Effect of the shape and volume factor on the deformations and strength of rubber during compression and bending. B. L. Bobitskii, L. E. Vinitskii, L. B. Belikov. *Vest. TSNIIP MPS* 25 no. 3:50-52 '66.

RUBBER, SYNTHETIC

(see also subdivision under Voronezh Province)

- Cross-linking of synthetic rubber films formed by ion deposition as applied to the production of film materials. V. S. Bulokopytova, L. K. Kabanova, S. A. Pavlov. *Izv. vys. ucheb. zav.; tekhn. leg. prom.* no. 2:78-84 '66.

- Effect of the conditions of film formation from synthetic rubber on film properties. Report No. 1. M. S. Monastyrskaya and others. *Izv. vys. ucheb. zav.; tekhn. leg. prom.* no. 2:85-88 '66.

- Phosphorylation of rubbers. G. F. Belikh, V. S. Lankov, S. I. Vol'kovich. *Zhur. prikl. khim.* 39 no. 5:1138-1140 My '66.

- Stabilization of synthetic rubbers. K. B. Piotrovskii. *Zhur. VNIIO* 11 no. 3:279-287 '66.

RUBBER, SYNTHETIC—FLUID DYNAMICS

- Hydrodynamic description of the motion of a latex film. O. S. Chechik, N. I. Smirnov. *Zhur. prikl. khim.* 39 no. 5:1095-1102 My '66.

RUBBER BOOTS AND SHOES see Boots and shoes, Rubber

RUBBER INDUSTRY

- Ivchenko, V. I. [At a komsomol construction site] *Na komsomol'skoi stroike.* Darnauk, Altalskoe knizhnoe izd-vo, 1965. 34 p. (CS-H)

RUBBER INDUSTRY—SAFETY MEASURES

- Kulikov, I. G. [Safety engineering and fire prevention in plants of the rubber industry] *Tekhnika bezopasnosti i protivopozharnaya tekhnika na zavodakh rezinovoi promyshlennosti.* Moskva, Khimika, 1966. 210 p.

RUBIDIUM COMPOUNDS—SPECTRA

- Luminescence spectrum and structure of rubidium uranyl nitrate single crystals. L. V. Valod'ko, A. I. Koniak, L. E. Sleptsov. *Zhur. prikl. spektr.* 4 no. 5: 422-426 My '66.

RUBY—SPECTRA

- Spectral distribution of the luminescence yield of ruby. Z. L. Morgenshtern, V. V. Nustruev. *Opt. i spektr.* 20 no. 5:837-841 My '66.

RUDNYTS'KYI, ANTON, 1902-

- Hordyn'ska-Karanovych, D., and others. [Problems in musical historiography; articles and reviews. Apropos of A. Rudnyts'kii's book "Ukrainian music"] *Problemy muzychnoi istoriografii; stat'i ta retsenzii, Z pryvodu polavy knyzhky A. Rudnyts'koho "Ukrains'ka muzyka."* New York, 1965. 55 p.

RUGS AND CARPETS see subdivision under Vitebsk

RUMANIA—BIBLIOGRAPHY

- [New literature on Rumania] *Nov. lit. po Rum.* no. 5 '66.

RUMANIA—ECONOMIC CONDITIONS

- Beneficial changes; for the 26th anniversary of Rumania's liberation from the fascist yoke. P. Vladimirov. *Agitator* no. 16:26-28 Ag '64.

- Rumania in Sokol'niki. *Priroda* 55 no. 7:114 '66.

RUMANIA—ECONOMIC POLICY

- Results and outlook: Rumania. B. Greshenkov. *Mezh-dunar. zhizn'* 13 no. 8:100-110 '66.

RUMANIA—HISTORY

- Lebedev, N. I. [Downfall of the Antonescu dictatorship] *Padenie diktatury Antonesku.* Moskva, Mezhdunarodniye otnosheniia, 1965. 478 p.

RUMANIA—ORTHODOX EASTERN CHURCH

- News from the Rumanian Orthodox Church. V. Vladimirov. *Zhur. Mosk. Patr.* no. 5:45-47 '66.

RUMANIA—REED (BOTANY)

- Kestlin, A. A. [Technology of the growing and procurement of reed; from practices in the Rumanian People's Republic] *Tekhnologiya vyrashchivaniia i zagolovki trostinka; iz opyta Rumynskoi Narodnoi Respubliki.* Alma-Ata, Kalmar, 1965. 41 p. (DNAI)

RUMANIAN LANGUAGE—DICTIONARIES—RUSSIAN

- [Rumanian-Russian pocket dictionary. About 8,000 words] *Karmannyi rumynsko-russkii slovar'. Okolo 8000 slov.* Sost. B. A. Andrianov. Izd. 3., 1. impr. 1 dop. Moskva, Sovetskaiia Entsiklopediia, 1964. 314 p.

RUMEN

Effect of urea on enzymatic processes occurring in the rumen of cows. M.P. Kovalev. Khim. v sel'khoz. 4 no. 2:66-68 F '66.

RUMEN-INNervation

Effect of thermal and mechanical stimulation of the rumen in sheep on gas exchange and electric activity of the skeletal muscles. A.F. Davydov, G.D. Romanovskaya. Trudy Inst. fiziol. 11:175-181 '65.

RUMEN-MICROBIOLOGY

Assimilation of urea nitrogen and ammonium salts by rumen micro-organisms in animals. E.G. Kuchinskii. Khim. v sel'khoz. 4 no. 2:64-66 F '66.

RUNOFF see subdivision under Central Chernozem region

RUPPEE

Devaluation of the Indian rupee. S. Borisov. Nov. vrem. 24 no. 20:22-23 Je '66.

RURAL CONDITIONS

For well-organized cultural and public services in rural areas. Part. zhizn' no. 15:74-76 Ag '66.
Narrowing the difference in the living conditions in the city and village. S. Voronov. Ekon. sel'khoz. 41 no. 5:93-99 My '66.

RURAL CONSTRUCTION

(see also subdivision under Lvov Province; Petrovka, Crimea; Ukraine; Vitebsk Province; Volyn' Province)

Problems of rural construction. V. Stern, A. Starkov. Arkh. SSSR no. 5:63-64 '66.
Timely completion of work cycles is an important factor in the systematic carrying out of work for the entire year. Sil'bud. 14 no. 11:1-2 N '64.

RURAL ELECTRIFICATION

Means of communication and remote control in rural electrical networks. A. Ganelin. Tekh. v sel'khoz. 25 no. 3:38-41 Mr '66.
Optimal size of the wires of power distribution lines taking into account future load increases. V. M. Tsviakhi, V. G. Bekko. Energ. i elek. no. 1:19-21 Ja-F '66.

RURAL ELECTRIFICATION-CONGRESSES

Scientific and technical conference on the use of single-phase a.c. in rural electrification. V. A. Shurub. Energ. i elek. no. 1:34 Ja-F '66.

RURAL LIBRARIES

Let us supply each specialist with books in his field of work. G. Kuchapina, A. Vodolazskaya. Bibliotekar' 43 no. 6:10-11 Je '66.
Let's improve library service in rural areas. Bibliotekar' 43 no. 6:1-4 Je '66.
So that our economy may move ahead. N. Drobin. Bibliotekar' 43 no. 6:12-13 Je '66.

RUSSIA

Salute over Berlin. Radio no. 5:10-11 My '66.

RUSSIA-ADMINISTRATIVE AND POLITICAL DIVISIONS

We should regulate the practice of administrative and territorial reorganizations. A. V. Steiner. Sov. gos. i pravo 30 no. 7:25-32 Ji '66.

RUSSIA-AIR FORCE

Decisions of the congress should be carried out. A. Rylov. Av. i kosm. no. 6:2-6 Je '66.
Wings of the Soviet motherland: materials for reports and talks on Soviet Air Force Day. Komm. Vooruzh. Sil' 47 no. 14:41-47 Ji '66.

RUSSIA-AIR FORCE-AMBULANCES

Device attached to the ambulance vehicle AS-3 for recovery of injured crew members from bombers. I. N. Kapustin. Voen.-med. zhur. no. 5:66-68 My '66.

RUSSIA-AIR FORCE-OFFICERS

Repetition of the youth. V. Trikhmanenko. Av. i kosm. no. 6:70-81 Je '66.
Vigilance of an air pilot. K. Ershov. Av. i kosm. no. 6:11-14 Je '66.

RUSSIA-AIR FORCE-POLITICAL ACTIVITY

Adherence to principles. A. Orfashchenko. Komm. Vooruzh. Sil' 47 no. 12:44-49 Je '66.

RUSSIA-ARMED FORCES

The 23d Congress of the CPSU on the threat of war and the problem of strengthening the military preparedness of our country. V. Ivanov, A. Ovalinnikov, M. Galkin. Komm. Vooruzh. Sil' 47 no. 12:8-10 Je '66.
Unrelenting vigilance is our powerful weapon. Komm. Vooruzh. Sil' 47 no. 14:2-6 Ji '66.

RUSSIA-ARMED FORCES-FINANCE

Contribution of Soviet servicemen to the "people's piggy bank." Komm. Vooruzh. Sil' 47 no. 14:48-51 Ji '66.

RUSSIA-ARMED FORCES-MEDALS, BADGES, DECORATIONS

Kolosovskii, M. F. [Citizens of Shadrinsk who are "Heroes of the Soviet Union"] Shadrinsk - gorod Sovetskogo Soyuza. [Chelabinsk] Izdanie-Ural'skoe knizhnoe izd-vo, 1965. 114 p. (CST-II)

RUSSIA-ARMED FORCES-POLITICAL ACTIVITY

Brief news of party and political work. Komm. Vooruzh. Sil' 47 no. 12:64-66 Je '66.
Brief news of party and political work. Komm. Vooruzh. Sil' 47 no. 14:93-95 Ji '66.
Ideological work is a concern of the entire party and all the Communists. Komm. Vooruzh. Sil' 47 no. 12:2-7 Je '66.
Voluntary work and the facts of life. Komm. Vooruzh. Sil' 47 no. 14:33-40 Ji '66.

RUSSIA-ARMED FORCES-SANITARY AFFAIRS

Improve the combat and special training of the medical service. Voen.-med. zhur. no. 12:3-6 D '65.
Methodology for the evaluation of the radiation situation by the chief of the medical service of a unit. O. S. Lobastov, I. K. Kirillov. Voen.-med. zhur. no. 6:12-17 Je '66.

RUSSIA-ARMY-ARTILLERY

Outstanding artillerymen are the pride of their regiment. M. Anisimov. Komm. Vooruzh. Sil' 47 no. 14:29-32 Ji '66.

RUSSIA-ARMY-OFFICERS

Self-education of commanding officers. P. Lashchenko. Komm. Vooruzh. Sil' 47 no. 12:17-25 Je '66.

RUSSIA-ARMY-PARACHUTE TROOPS

A landing of parachute paratroopers. E. Smirnov. Komm. Vooruzh. Sil' 47 no. 14:63-65 Ji '66.

RUSSIA-ARMY-POLITICAL ACTIVITY

Plans and achievements of a group of political propagandists. P. Kuvshinov. Komm. Vooruzh. Sil' 47 no. 14:58-61 Ji '66.
Their concern for the motherland. IU. Babichev. Komm. Vooruzh. Sil' 47 no. 12:74-75 Je '66.
Their deeds prove their words. I. Pavlenkov. Komm. Vooruzh. Sil' 47 no. 12:72-74 Je '66.
We are ready to defend our beloved country. IU. Tolochek. Komm. Vooruzh. Sil' 47 no. 14:66-70 Ji '66.

RUSSIA-ARMY-PUBLIC RELATIONS

The development of patronage contacts. L. Rudchenko. Komm. Vooruzh. Sil' 47 no. 14:70-71 Ji '66.

RUSSIA-ARMY-SANITARY AFFAIRS

Decisions of the 23d Congress of the CPSU are brought to life. K. E. Vrabel'. Voen.-med. zhur. no. 6:10-11 Je '66.

RUSSIA-ARMY-SPORTS

In service of the revolution. G. S. Demeter. Teor. i prakt. fiz. kul. 20 no. 6:11-14 Je '66.

RUSSIA-ARMY-SUPPLIES AND STORES

Current problems in training the personnel of military retail stores. A. Dirlagin. Komm. Vooruzh. Sil' 47 no. 12:31-38 Je '66.

RUSSIA-BIOGRAPHY

Lunacharskii, A. Y. [Simonev] Shuev. [Moskva] Motodala gvardia, 1965. 542 p. (Zhizn' zamechatel'nykh liudei; seriia biografi) (NTC)

RUSSIA-CENSUS

On the forthcoming all-Union census of the population. Vest. stat. no. 6:83 '66.

RUSSIA-COMMERCE

Communique. Vneshtorg. 46 no. 6:26 '66.
Dibner, M. I. A., G. A. Isaev, and V. V. Mironov. [Accounting in state commerce] Bukhgalterskii uchet v gosudarstvennoi torgovle. [Moskva] Ekonomika, 1966. 278 p.
Improve profitability in trade. N. Sigunov. Fin. SSSR 40 no. 6:66-68 Je '66.
[Organization of trade in manufactured goods] Organizatsiia torgovli promyshlennymi tovarami [By] P. T. Bek-Kazarov i dr. Moskva, Ekonomika, 1966. 307 p.
Soviet pavilion at Leipzig Fair. Vneshtorg. 46 no. 6:27 '66.

The U.S.S.R. is the largest exporter of machinery and equipment. I. Andreev. Vneshtorg. 46 no. 6:3-9 '66.

RUSSIA-COMMERCE-GREAT BRITAIN

Pay more attention to British-Soviet trade! V. Rozen. Nov. vrem. 24 no. 20:30-31 Ji '66.

RUSSIA-COMMERCE-SINGAPORE

Trade treaties and agreements. Vneshtorg. 46 no. 6:52-55 '66.

RUSSIA-COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA-CONSTITUTIONAL LAW

History of the theory of Soviet constitutional law. I. A. Kuprits. Vest. Mosk. un. Ser. 12: Pravo 21 no. 3: 24-35 My-Je '66.

RUSSIA-CULTURE

Allakhin, F. G. [Merging the cultures of Soviet socialist nationalities during the period of the building of communism] Sblizhenie kul'tur sovetskikh sotsialisticheskikh natsii v period stroitel'stva kommunizma. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 135 p.

RUSSIA-DESCRIPTION AND TRAVEL

The riches of our country. I. Kozlov. Kalzh. torg. 17 no. 6:30 Je '66.

RUSSIA-ECONOMIC CONDITIONS

The great power of an example. V. Agarkov. Mel. komm. no. 8:20-30 Ag '64.
How the Communist Party tried to establish conditions allowing it to start the large-scale building of communism, 1951-1959. D. Dilepskii. Komm. Vooruzh. Sil' 47 no. 12:76-81 Je '66.
Progress of the five-year plan; facts and figures. Nov. vrem. 24 no. 31:2 Ji '66.
Rogava, Kh. P. [The Soviet socialist state in the period of its transition from socialism to communism] Sovetskoe sotsialisticheskoe gosudarstvo v period perekhoda ot sotsializma k kommunizmu. Tbilisi, Metsnereba, 1966. 241 p.

RUSSIA-ECONOMIC CONDITIONS-MAPS

New construction projects of the five-year plan; a schematic map. Komm. Vooruzh. Sil' 47 no. 12:54-55 Je '66.

RUSSIA-ECONOMIC POLICY

Adjust the structure of government arbitration to the standard of the objectives of the recent economic reform. I. T. Gavrilenko, I. G. Pobrchenko. Sov. gos. i pravo 30 no. 6:45-47 Je '66.
Comrade L. I. Brezhnev's speech at the 15th Congress of the V.I. Lenin All-Union Communist Youth League. May 17, 1966. Nar. obr. no. 6:3-9 Je '66.
Decisions of the 23d Congress of the CPSU and the tasks of financial organs. V. Garbuzov. Fin. SSSR 40 no. 6:3-16 My '66.
Demarcation of powers between the organs of the U.S.S.R. and the Union Republics in the province of economic leadership. A. I. Lepeshkin. Sov. gos. i pravo 30 no. 6:3-11 Je '66.
Economic nature of the centrally-planned indices. A. Rotshtein. Vest. stat. no. 6:9-16 '66.
The economic reform and budget. S. Starik. Fin. SSSR 40 no. 6:12-20 Je '66.
Economic theory and practice in the U.S.S.R. A. Pashkov. Kommunist 43 no. 6:69-82 Je '66.
Everything for man. K. Dadashev. Sov. profsoyuzy 22 no. 10:4-5 My '66.
Fruitful debates. V. B. Vop. ekon. no. 6:150-160 Je '66.
Gundyrin, P. A., and V. F. Shilin. [The new economic horizons: the decisions of the September 1965 Plenum of the Central Committee of the CPSU are an important economic reform] Novye ekonomicheskie gorizonty; resheniia sentyabrskogo Plenuma TsK KPSS 1965 goda - vazhnaia khoziaistvennaia reforma. Volgograd, Nizhne-Volzhskoe knizhnoe izd-vo, 1966. 72 p. (Ekonomicheskie znaniia vsem)
Important factor in the economic progress of the socialist countries. I. Dudinskii. Mezhdunar. zhizn' 13 no. 6: 26-33 '66.

Leont'ev, L. A. [Plan and value] Plan i stolnost'. Moskva, Ekonomika, 1965. 31 p. (Resheniia sentyabrskogo Plenuma TsK KPSS - v zhizn')

Let us realize the decisions of the party congress. Sov. profsoyuzy 22 no. 10:1-3 My '66.

Let us successfully fulfill the objectives of the seven-year plan. M. V. Reznichenko. Razved. i okh. nebr 31 no. 10: 60-61 O '65.

Main features of working out a new five-year plan. F. Kotov. Plan. khoz. 43 no. 7:60-66 Ji '66.

Malyshev, I. S. [Economic laws of socialism and planning] Ekonomicheskie zakony sotsializma i planirovanie. [Moskva, Ekonomika, 1966] 33 p. (Ekonomisty o noveli khoziaistvennoi reforme v SSSR, no. 3)

Moscow. Akademiia obshchestvennykh nauk. [Problems of the party guidance of the development of the national economy] Voprosy partinogo rukovodstva razvitiia narodnogo khoziaistva. Moskva, Mysl', 1966. 174 p.
Naidin, I. G. [New stage of party leadership in economic matters] Partinnoe rukovodstvo khoziaistvom na novom etape. [Moskva] Moskovskii rabochii, 1966. 47 p. (Seriia "XXIII s"ezd KPSS i voprosy partinogo stroitel'stva")

Our near and far frontiers. Agitator no. 8:62-64 Ap '64.

RUSSIA—ECONOMIC POLICY (Continued)

- Pervushin, S.P.** [The necessity for and nature of economic reform] *Neobkhodimost' i sushchnost' khoziaistvennoi reformy.* [Moskva, Ekonomika, 1966] 34 p. (Ekonomisty o novoi khoziaistvennoi reforme v SSSR, no. 1)
- Present-day problems of the economic reform.** A. Barchurin. *Kommunist* 43 no. 11:40-52 JI '66.
- Proportions of industrial development in the new five-year plan.** V. Glagolev. *Nauch. dokl. vys. shkoly; ekon. nauki* 9 no. 3:16-21 '66.
- Regulation governing enterprises in action.** S. P. Postnov. *Transp. stol.* 16 no. 6:1-4 Je '66.
- Sociopolitical problems of the five-year plan.** *Kommunist* 43 no. 11:3-14 JI '66.
- The strategy of the new five-year plan (conclusion).** P. Melislavskii. *Nov. vrem.* 24 no. 29:11-14 JI '66.
- Strategy of the new five-year plan.** P. Melislavskii. *Nov. vrem.* 24 no. 28:7-10 JI '66.
- They tell servicemen about the five-year plan.** *Komm. Vooruzh. Sil* 47 no. 14:91-92 JI '66.
- Toward new achievements in the building of communism.** *Vest. Mosk. un. Ser. 9: Ist.* 21 no. 3:3-9 My-Je '66.
- Tuzov, N.P.** [The paths of transition to socialism are various] *Puti perekhoda k sotsializmu mnogobrazny.* Leningrad, Znanie, 1966. 44 p.
- The 23d Congress of the CPSU and the tasks of economic science.** *Nauch. dokl. vys. shkoly; ekon. nauki* 9 no. 3: 3-5 '66.

RUSSIA—ECONOMIC POLICY—MATHEMATICAL MODELS

- Dudkin, L.M.** [Optimal material balance of the national economy; models for current and long-range planning] *Optimalnyi materialnyi balans narodnogo khoziaistva; modeli dlia tekushchego perspektivnogo planirovaniia.* Moskva, Ekonomika, 1966. 183 p.

RUSSIA—FOREIGN ECONOMIC RELATIONS—ITALY

- Contradictions in Italian reality.** S. Riccio. *Mezhdunar. zhizn'* 13 no. 8:52-59 '66.

RUSSIA—FOREIGN RELATIONS

- Discussion of the foreign policy of the U.S.S.R. in 1924 and 1925 in the bourgeois historiography of the German Federal Republic.** M. I. Kopychev. *Vop. ist. KPSS* 19 no. 7:34-46 JI '66.
- General direction.** *Nov. vrem.* 24 no. 33:1-3 Ag '66.
- Mighty stronghold of peace and progress.** *Agitator* no. 8:54-59 Ap '64.
- Program of the fight for peace.** *Mezhdunar. zhizn'* 13 no. 6:3-7 '66.
- Some features of the present-day functions of the Soviet state in the field of foreign relations.** Z. V. Shamarin. *Vest. Mosk. un. Ser. 12; Pravo* 21 no. 1:20-30 Ja-F '66.
- The 23d Congress of the CPSU and the foreign policy problems of the Soviet Union.** *Mezhdunar. zhizn'* 13 no. 7:158-160 '66.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

- Relations between Afghanistan and the Soviet Union as an example of fruitful cooperation.** M. Malwandwal. *Mezhdunar. zhizn'* 13 no. 7:75-76 '66.

RUSSIA—FOREIGN RELATIONS—EGYPT

- We shall not forget our Russian brothers.** A. Krasnov. *Az. i Afr. seg.* 10 no. 7:7, 38 JI '66.

RUSSIA—FOREIGN RELATIONS—FINLAND

- Soviet-Finnish agreement.** *Nov. vrem.* 24 no. 26:2-3 Je '66.

RUSSIA—FOREIGN RELATIONS—FRANCE

- Foreign press on French-Soviet talks.** P. Efimov. *Nov. vrem.* 24 no. 27:7-9 JI '66.
- France and the Soviet Union.** *Nov. vrem.* 24 no. 28: 3-4 JI '66.
- France and the U.S.S.R.: a dialogue extended.** *Commentator.* *Mezhdunar. zhizn'* 13 no. 8:69-74 '66.
- President de Gaulle in Moscow.** *Nov. vrem.* 24 no. 26: 1-2 Je '66.
- Soviet-French cooperation and European security.** *V. Mur'ev.* *Mezhdunar. zhizn'* 13 no. 8:8-15 '66.

RUSSIA—FOREIGN RELATIONS—JAPAN

- Our comments.** *Nov. vrem.* 24 no. 32:2-3 Ag '66.

RUSSIA—FOREIGN RELATIONS—KOREA, NORTH

- Our comments.** *Nov. vrem.* 24 no. 27:2-3 JI '66.

RUSSIA—FOREIGN RELATIONS—STATES, NEW

- Legal foundations for the international relations of the U.S.S.R. with the young independent states of Asia and Africa.** M. N. Alekserov. *Uch. zap. AGU. Ser. Iurid. nauk* no. 2:13-15 '64.

RUSSIA—HISTORIOGRAPHY

- Early history of Soviet historiography (the 1920s).** O. L. Vainshtein. *Vop. ist.* 41 no. 7:32-47 JI '66.

RUSSIA—HISTORY

- Derkhin, I.B.** [History of the U.S.S.R., 1917-1964] *Istoriia SSSR (1917-1964 gg.)* Moskva, Vysshaya shkola, 1966. 652 p.
- Brief news.** *Vop. ist.* 41 no. 7:173-176 JI '66.
- Brief notes.** *Vop. ist.* 41 no. 6:172-174 Je '66.
- Democratic traditions in the proletarian phase of the Russian liberation movement; from correspondence between the editors of the first volume of the "History of the CPSU" and its readers.** *Vop. ist. KPSS* 19 no. 7:91-93 JI '66.
- Gilbert Romme, Pavel Stroganov, and the Saint Petersburg Court.** V. M. Dalin. *Vop. ist.* 41 no. 6:207-213 Je '66.

RUSSIA—HISTORY—PERIODICALS

- Conferences of our readers.** *Vop. ist. KPSS* 19 no. 7: 152-154 JI '66.

RUSSIA—HISTORY—SOURCES

- Akademiia nauk SSSR. Institut istorii.** [Complete collection of Russian chronicles] *Polnoe sobranie russkikh letopisei.* Moskva, Nauka.
- Vol. 14.** [1. "Tale of the honorable life of Fedor Ivanovich, Tsar and Grand Duke of Russia." 2. "The new chronicle." 3. Index to the Patriarch of Nikon chronicle (vols. 9-14)] 1. "Povest' o chesnom zhitii (saria i velikogo kniazia Fedora Ivanovicha vseia Rusi." 2. "Novyi letopisets." 3. Ukazatel' k Nikonovskoi letopisi (IX-XIV vv.). 1965. 154, 285 p.

- Folk poetry as a historical source in the research of the 1950s and 1960s.** I. M. Kolesnitskaya. *Trudy Inst. etn.* 9:61-81 '65.

- Preliminary examination of the E. I. Pugachev case and his trial (continuation).** *Vop. ist.* 41 no. 7:92-100 JI '66.

RUSSIA—HISTORY, MILITARY

- The Great Patriotic War and historical science.** P. Zhitlin. *Kommunist* 43 no. 11:63-74 JI '66.

RUSSIA—HISTORY, NAVAL

- Kozlov, I.A., and V. S. Sholom.** [The Northern Fleet] *Severnyi flot.* Moskva, Voenizdat, 1966. 295 p.

RUSSIA—INDUSTRIES

- How the administration of industry was improved during the first five-year plan.** V. Z. Drobtzhev. *Vop. ist.* 41 no. 6:9-23 Je '66.
- Industry is the foundation of our country's power.** *Sov. preloshyuzh* 22 no. 13:1 JI '66.
- New construction projects of the five-year plan; a schematic map.** *Komm. Vooruzh. Sil* 47 no. 12:54-55 Je '66.
- I. Work results of 43 industrial enterprises transferred to the new system of planning and economic stimulation. II. Number of workers in industry and construction by occupations. III. General education schools, higher, secondary, and specialized institutions of learning.** *Vest. stat.* no. 6:87-96 '66.

RUSSIA—INDUSTRIES—CONGRESSES

- Work indices of industrial enterprises under the new conditions.** I. Suslov. *Vest. stat.* no. 7:91 '66.

RUSSIA—INDUSTRIES—EXHIBITIONS

- Soviet pavilion at Leipzig Fair.** *Vnesh. torg.* 46 no. 6: 27 '66.

RUSSIA—INDUSTRIES—MATHEMATICAL MODELS

- Kossov, V.V.** [The interbranch balance] *Mezhdunar. zhizn'* 13 no. 7:75-76 '66.

RUSSIA—INDUSTRIES—STATISTICS

- The years of great achievements; industry, construction, transportation.** *Agitator* no. 8:10-19 Ap '64.

RUSSIA—INTELLECTUAL LIFE

- The blossom of socialist culture.** *Agitator* no. 8:40-44 Ap '64.
- Conflict between "technologists" and "intellectuals."** S. S. Voronitsyn. *Soob. Inst. po izuch. SSSR* no. 4:13-13 '65.

RUSSIA—INVASION OF 1812

- Glinka, V.M., and A.V. Pomarnatskii, eds.** [The Patriotic War of 1812 in artistic and historical monuments from the collections of the Hermitage] *Otechestvennaya Volna 1812 goda v khudozhestvennykh i istoricheskikh pamiatnikakh iz sobraniia Ermitazha; [a'bom]* Leningrad, Izd-vo Gos. Ermitazha, 1963. 143 p. 93 plates (NNC)

RUSSIA—LITERATURES

- Chalmanov, V.A.** [Literature of the fate of a people; about the paths of development and innovation of Soviet multinational literature] *Literatura i narodnoi; o putnikh razvitiia i novatorstvo sovetskoi mnogonarodnoi literatury.* Moskva, Znaniie, 1966. 157 p. (Narodnyi universitet; Fakul'tet literatury i iskusstva, nos. 5/6)

RUSSIA—LITERATURES—TRANSLATIONS INTO JAPANESE

- Soviet literature in Japan.** *Az. i Afr. seg.* 10 no. 7: 42-43 JI '66.

RUSSIA—MANUFACTURES

- Local industry contributes to trade.** I. Marchenko. *Sov. torg.* 39 no. 6:9-14 Je '66.
- [Organization of trade in manufactures goods.]** *Organizatsiia torgovli promyshlennymi tovarami* [By] P. T. Dek-Kazarov i dr. Moskva, Ekonomika, 1966. 387 p.
- Role of the economic contract in the formation of the production plan for consumer goods.** N. I. Klein. *Sov. gos. i pravo* 36 no. 6:38-44 Je '66.
- Work program of the five-year plan.** *Sov. torg.* 39 no. 6:1-4 Je '66.

RUSSIA—MILITARY POLICY

- Who will come with the sword...** K. Rokossovskii. *Voen. znan.* 42 no. 6:3-5 Je '66.

RUSSIA—NAVY

- Iakovlev, V.D.** [Soviet Navy] *Sovetskii Voenno-Morskoi Flot.* Moskva, DOSAAF, 1966. 69 p. (Molodezhi o Vooruzhennykh Silakh)

RUSSIA—NAVY—SEA LIFE

- First cruise.** O. Baronov. *Voen. znan.* 42 no. 6:14-15 Je '66.

RUSSIA—POLITICS AND GOVERNMENT

- The course of the CPSU is the course of Lenin.** *Agitator* no. 8:2-9 Ap '64.

- Current problems of the Soviet state and law.** V. I. Gullev. *Vest. Mosk. un. Ser. 12; Pravo* 21 no. 3:3-9 My-Je '66.

- Decisions of the Supreme Soviet.** *Soob. Inst. po izuch. SSSR* no. 4:107-117 '65.

- [Gazette of the Supreme Soviet of the R.S.F.S.R.]** *Ved. Verkh. Sov. RSFSR* 10 nos. 24-26, 28 Je-JI '66.

- [Gazette of the Supreme Soviet of the U.S.S.R.]** *Ved. Verkh. Sov. SSSR* 20 nos. 24, 29 Ja-JI '66.

- Iroshnikov, M. P.** [Formation of the Soviet central government apparatus; the Council of People's Commissars and the people's commissariats, October 1917-January 1918] *Suzdanie sovetskogo tsentral'nogo gosudarstvennogo apparata; Sovet Narodnykh Komissarov i narodnye komissariaty, oktiabr' 1917 g. - ianvar' 1918 g.* Moskva, Nauka, 1966. 280 p.

- Komin, V.V.** [Bankruptcy of the bourgeois and petite bourgeois political parties of Russia in the period of preparation for and victory of the Great October Socialist Revolution] *Bankrotstvo burzhuaznykh i melkoburzhuaznykh partii Rossii v period podgotovki i pobedy Velikoi Oktiahr'skoi sotsialisticheskoi revoliutsii.* [Moskva] Mosk. rabochii, 1965. 645 p.

- Nations and national states in the U.S.S.R.** P. G. Semenov. *Vop. ist.* 41 no. 7:72-81 JI '66.

- People's control.** *V. Zakuzhnyi.* *Part. zhizn'* no. 13: 14-19 JI '66.

- Recent political events in the U.S.S.R.** *Soob. Inst. po izuch. SSSR* no. 4:145-145 '65.

- Rogava, Kh. P.** [The Soviet socialist state in the period of its transition from socialism to communism] *Sovetskoe sotsialisticheskoe gosudarstvo v period perekhoda ot sotsializma k kommunizmu.* Tbilisi, Metsenreba, 1966. 241 p.

- The 23d Congress of the CPSU and problems concerning the further development of the Soviet state.** V. Kapelchikov. *Rad. pravo* 20 no. 6:3-7 Je '66.

RUSSIA—POPULATION—STATISTICS

- Size and distribution of the population of the U.S.S.R.** S. Bekunova. *Vest. stat.* no. 6:26-36 '66.

RUSSIA—REBELLION OF STENKA RAZIN, 1667-1671

- Stepanov, I.V.** [Russian peasant war in 1670-1671; the rebellion of Stepan Razin] *Krest'ianskaya volna v Rossii v 1670-1671 gg.; voostanie Stepana Razina.* [Leningrad] Izd-vo Leningr. univ. Vol. 1. 1966. 371 p.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

- Irreplaceable avant-garde.** M. Grigorov. *Agitator* no. 8:20-23 Ap '64.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

- Fraternal financial assistance of the Soviet people to the workers of capitalist countries, 1917-1927.** A. M. Gak, V. A. Kuz'ko, I. S. Pollanskii. *Vop. ist.* 41 no. 7:48-58 JI '66.

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

- Soviet scientists visit research centers in Great Britain.** *U. Abov.* *Atom. energ.* 20 no. 6:530-532 Je '66.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

- Pal ilku's answers to the questions of "Novoe vremia."** *Nov. vrem.* 24 no. 31:15-16 JI '66.

RUSSIA—RELATIONS (GENERAL) WITH KAZAKHISTAN
A group of Moscow scientists at the Academy of Sciences of the Kazakh S.S.R. Vest. AN Kazakh. SSR 22 no. 6: 3-7 Je '66.

RUSSIA—RELATIONS (GENERAL) WITH NEPAL

The Soviet Union and Nepal, I. Red'ko. Nov. vrem. 24 no. 29:15 Ji '66.

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

The truth is the path to friendship. K. Severinov. Mol. komm. no. 8:15-16 Ag '64.

RUSSIA—RELATIONS (MILITARY) WITH POLAND

We strengthen the ties of fraternal friendship. S. Riazanov. Komm. Vooruzh. Sil. 47 no. 34:24-28 Ji '66.

RUSSIA—RELATIONS (MILITARY) WITH SPAIN

Discussing the problem of a Russo-Spanish Convention. B. N. Komissarov. Vop. ist. 41 no. 6:195-197 Je '66.

RUSSIA—RELIGION

The most important events in the life of churches and religious groups in the U.S.S.R. N. A. Teodorovich. Sob. Inst. po izuch. SSSR no. 4:94-106 '65.

RUSSIA—REVOLUTION OF 1905

[The first soviet of workers' deputies; the city of Ivanovo-Voznesensk, May-July 1905] Pervyi soviet rabochikh deputatov; gorod Ivanovo-Voznesensk, mai-iyul' 1905 g. [Iaroslavl'] Veridne-Votzhskoe knizhnoe izd-vo, 1965. 91 p.

(CST-H)

The Russian bourgeoisie in the autumn of 1905. E. D. Chermenskii. Vop. ist. 41 no. 6:56-72 Je '66.

RUSSIA—REVOLUTION, 1917-1921

Discussion on the problems on the history of the October Revolution. L. M. Landa, N. A. Khalifin. Nar. Az i Afr. no. 3:240-242 '66.

History of the organization of the office of the Council of People's Commissars in 1917 and early 1918. M. P. Iroshtnikov. Vop. ist. 41 no. 7:202-204 Ji '66.

Komin, V. V. [Bankruptcy of the bourgeois and petty bourgeois political parties of Russia in the period of preparation for and victory of the Great October Socialist Revolution] Bankrotstvo burzhuaznykh i melkoburzhuaznykh partii Rossii v period podgotovki i pobedy Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. [Moskva] Mosk. rabochii, 1965. 645 p.

Leningrad prepares for the celebration of the glorious anniversary. Part. zhizn' no. 13:20-25 Ji '66.

Nikol'nikov, G. L. [Triumph of V. I. Lenin's strategy and tactics in the problems of war, peace, and the revolution] Pobeda leninskoj strategii i taktiki po voynam i revolutsii. Kiev, Izd-vo Kievskogo univ., 1966. 238 p.

Preparing for the celebration of the 50th anniversary of Soviet rule. Vest. vys. shkoly 24 no. 5:88-93 My '66.

Red Guards of 1917. I. Lupis. Sov. profsoyuzy 22 no. 11:24-25 Je '66.

Shchors and his soldiers. F. Rostova-Shchors. Mol. komm. no. 8:102-106 Ag '64.

Some new materials relating to the Third Petrograd Conference of the Russian Social Democratic Party (Bolsheviks). E. F. Erykalov, I. I. Korabely. Vop. ist. KPSS 19 no. 7:23-35 Ji '66.

Volobuev, P. V. [V. I. Lenin on the general features of the Great October Socialist Revolution] V. I. Lenin ob obshchikh zakonomernostyakh Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. I. Seriya: Istoriya, no. 12)

The works of Soviet historians devoted to the 50th anniversary of the October Revolution; a talk with Academician I. I. Minin. Kommunist 49 no. 10:124-128 Ji '66.

RUSSIA—REVOLUTION, 1917-1921—AERIAL OPERATIONS

Lenin's group. K. Telegin. Av. i kosm. no. 6:13-22 Je '66.

RUSSIA—REVOLUTION, 1917-1921—YUGOSLAV PARTICIPATION

Yugoslav sovets in Russia in 1918-1921. I. D. Ochak. Vop. ist. 41 no. 6:44-55 Je '66.

RUSSIA—STATISTICS, VITAL

Pisarev, I. Iu. [The population and labor in the U.S.S.R.] Naselenie i trud v SSSR. Moskva, Ekonomika, 1966. 149 p.

Uraland, B. Ts. [Growth of the population in the U.S.S.R.] Rost naselenia v SSSR. Moskva, Statistika, 1966. 36 p. (Statistika dlia vseh)

RUSSIA, NORTHERN—SALMON—PHYSIOLOGY

Physiological adaptation of Pacific salmon (Oncorhynchus) to living conditions of the Far North. O. V. Lukina. Vop. ikht. 8 no. 2:366-374 '65.

RUSSIA, NORTHERN—SOILS—COMPOSITION

Characteristics of soils in the European North. A. I. Marchenko, I. A. Titiev. Uch. zap. Ped. inst. Gerts. 312: 27-86 '65.

RUSSIA, NORTHERN—SPONGES

Koltun, V. M. [Tetraradial sponges in the seas of the Far East and northern parts of the U.S.S.R.; order Tetraxonida] Chetyrekhkucheyvo gubki severnykh i dal'-nevostochnykh morei SSSR; otriad Tetraxonida. Moskva, Nauka, 1966. 111 p. (Opredeliteli po faune, no. 80)

RUSSIA, NORTHWESTERN—GEOLOGY—CONGRESSES

Symposium on the history of the northwestern lakes. D. D. Kvasov, N. I. Semenovich. Izv. Vses. geog. ob-va 98 no. 3:279-281 My-Je '66.

RUSSIA, NORTHWESTERN—LAKES

Symposium on the history of the northwestern lakes. D. D. Kvasov, N. I. Semenovich. Izv. Vses. geog. ob-va 98 no. 3:279-281 My-Je '66.

RUSSIA, NORTHWESTERN—PALEOGEOGRAPHY—CONGRESSES

Symposium on the history of the northwestern lakes. D. D. Kvasov, N. I. Semenovich. Izv. Vses. geog. ob-va 98 no. 3:279-281 My-Je '66.

RUSSIA, NORTHWESTERN—SPRUCE

Practices in the propagation of the Norway spruce by cuttings in the northwestern U.S.S.R. L. A. Muragina. Izv. vys. ucheb. zav.; les, zhur. 8 no. 2:48-50 '66.

RUSSIA, NORTHWESTERN—TURPENTINING

Amozov, A. F., A. I. Vukhrushev, and A. N. Novozhilov. [Tapping and turpentine in forests of the north-west] Podsochka i osmolopodsochka v lesakh Severo-Zapada. Petrozavodsk, Karel'skoe knizhnoe izd-vo, 1965. 74 p. (DNL)

RUSSIA, SOUTHERN—MEDICINE, MILITARY—CONGRESSES

Scientific conference of the southern body of troops. A. I. Klaus. Voenn.-med. zhur. 15:89-90 My '66.

RUSSIAN LANGUAGE—DIALECTS see subdivision under Altai Mountains

RUSSIAN LANGUAGE—DICTIONARIES—CHEREMIS

Yoshkar-Ola, Maritskii nauchno-issledovatel'skii institut yazyka, literatury i istorii. [Russian-Marit dictionary. About 35,000 words] Russko-maritskii slovar'. Okolo 35 000 slov. Moskva, Sovetskaya Entsiklopediya, 1966. 646 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Bukhin, A. M., and V. V. Shendetov. [Dictionary of foreign expressions and words, used untranslated in the Russian language, in two books] Slovar' inozhnykh vyrazhenii i slov, upotrebliaemykh v russkom yazyke bez perevoda v dvukh knigakh. Moskva, Nauka, 1966. 2 v.

RUSSIAN LANGUAGE—IDIOMS, CORRECTIONS, ERRORS

Selection of idioms for the development of foreign students' speech. I. N. Uspenskii. Russ. iaz. dlia stud. - inostr. no. 1:22-30 '65.

RUSSIAN LANGUAGE—PRONUNCIATION

Fonicheva, M. P. [Developing a correct accent in children] Vospitanie u detei pravil'nogo proiznosheniia. Moskva, Prosveshchenie, 1966. 216 p., plates, chart (insert)

RUSSIAN LANGUAGE—SENTENCES

Kapchevskaya, A. A. [A collection of texts on the subject "The complex sentence"; an aid for the teacher] Sbornik tekстов po teme "Slozhnoe predlozhenie"; posobie dlia uchitelia. Leningrad, Prosveshchenie, 1965. 221 p. (MDW)

RUSSIAN LANGUAGE—STUDY AND TEACHING

Consideration of students' specialties in speech development classes. N. S. Fudel'. Russ. iaz. dlia stud. - inostr. no. 1:37-40 '65.

Home reading of the foreign students of advanced groups. V. V. Dobrovolskii. Russ. iaz. dlia stud. - inostr. no. 1:119-128 '65.

Patel, I. R. [Essays on the methodology of Russian; a textbook for students of pedagogical institutes and teachers] Ocherki po metodike russkogo yazyka; posobie dlia studentov pedagogicheskikh institutov i uchitel'ev. Moskva, Prosveshchenie, 1965. 331 p. (PPIU)

Some methodological problems in the speech development of foreign students; from the work experience of the Preparatory Faculty of Moscow University. V. I. Polovinkova. Russ. iaz. dlia stud. - inostr. no. 1: 129-147 '65.

Some problems of literary style arising in Russian language classes for foreign students. I. F. Vinogradova. Russ. iaz. dlia stud. - inostr. no. 1:5-21 '65.

Studying some forms of determinant prepositional noun phrases. V. M. Matveeva. Russ. iaz. dlia stud. - inostr. no. 1:92-101 '65.

The use of audio-visual aids in studying the subject "Leningrad" in Russian language classes for Mongolian students during the second semester of the first year of their studies. I. S. Zhurkikh. Russ. iaz. dlia stud. - inostr. no. 1:69-91 '65.

The use of literary works in the development of foreign students' speech. V. N. Hacherikova. Russ. iaz. dlia stud. - inostr. no. 1:102-118 '65.

The use of magnetic phonographs and disphonetic projectors in Russian language classes for the foreign students of preparatory faculties. Zh. V. Gantsev. Russ. iaz. dlia stud. - inostr. no. 1:47-60 '65.

The use of motion pictures in Russian language classes; experience in supplementary training of East German students. A. A. Bragina. Russ. iaz. dlia stud. - inostr. no. 1:61-68 '65.

RUSSIAN LANGUAGE—SYNTAX

Zenskii, A. M., S. E. Kruchkov, and M. V. Svetlov. [Russian; a textbook for pedagogical institutions] Russkii yazyk; uchebnik dlia pedagogicheskikh uchilishch. Pod red. V. V. Vinogradova. Izd. 7. Moskva, Prosveshchenie. Pl. 2. [Syntax] Sintaksis. 1966. 182 p.

RUSSIAN LANGUAGE—TERMS AND PHRASES

Studying some forms of determinant prepositional noun phrases. V. M. Matveeva. Russ. iaz. dlia stud. - inostr. no. 1:92-101 '65.

RUSSIAN LANGUAGE—WORD FORMATION

Golovov, I. G. [Morphology of modern Russian] Morfologiya sovremennogo russkogo yazyka. Izd. 2., ispr. i dop. Moskva, Vysshaya shkola, 1965. 285 p. (NeU)

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Davydov, S. I., and Iu. D. Severinenko. [Russian literature] Russkaya literatura. Moskva, Vysshaya shkola, 1965. 550 p. (MDW)

Dement'ev, A. G. [At the new stage; articles on literature] Na novom etape; stat'i o literature. Moskva, Sovetskii pisatel', 1965. 505 p. (NIC) (RPB)

Gudzil, N. K. [History of old Russian literature] Istoriia drevnei russkoi literatury. Izd. 7., ispr. i dop. Moskva, Prosveshchenie, 1966. 543 p.

Kolokol'tsev, N. V. [Creative work of students in the process of studying literature] Tvorcheskaya rabota uchashchikhsia v protsesse izucheniia literatury. Moskva, Prosveshchenie, 1964. 45 p. (Pedagogicheskie chteniia) (NIC)

Muratova, K. D. [Beginnings of socialist realism in Russian literature] Vozniknovenie sotsialisticheskogo realizma v russkoi literature. Moskva, Nauka, 1966. 278 p.

[The writer and modern times; articles of literary criticism] Pisatel' i sovremennost'; sbornik literaturno-kriticheskikh statei. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 287 p. (NeU)

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles] Lot. gazat, st. Vopomogatel'nye ukazateli k nos. 1-3 za 1966 g.

RUSSIAN PERIODICALS

A conference of our readers. S. Gafarov. Part. zhizn' no. 14:42-43 Ji '66.

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Lot. zhur, st. nos. 21, 23-24, 26 '66.

RUSSIAN PLATFORM—BELEMNITES

Some new data on the temperatures of Maestrichtian basins in the Russian Platform and adjacent areas according to the isotopic oxygen composition in belemnite rostra. D. P. Naidin, R. V. Tels, I. K. Zadoroznyi. Geokhimiya no. 10:971-979 O '64.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Stratigraphic division of the Silurian Ivanovsk horizon of the Volyn'-Podolian margin of the Russian Platform based on Ostracoda. V. S. Krandilevskiy, V. M. Donskova. Geol. zhur. 26 no. 3:29-39 '66.

RUSSIAN PLATFORM—OSTRACODA, FOSSIL

Stratigraphic division of the Silurian Ivanovsk horizon of the Volyn'-Podolian margin of the Russian Platform based on Ostracoda. V. S. Krandilevskiy, V. M. Donskova. Geol. zhur. 26 no. 3:29-39 '66.

RUSSIAN PLATFORM—PALEOCLIMATOLOGY

Some new data on the temperatures of Maestrichtian basins in the Russian Platform and adjacent areas according to the isotopic oxygen composition in belemnite rostra. D. P. Naidin, R. V. Tels, I. K. Zadoroznyi. Geokhimiya no. 10:971-979 O '64.

RUSSIAN PLATFORM—TRACE ELEMENTS

Distribution of trace elements in glauconites of the Russian Platform. A. P. IAsyrev. Dokl. AN SSSR 168 no. 4:914-918 Je '66.

RUSSIAN POETRY—HISTORY AND CRITICISM

Kovalenko, A. A. [Good, different...; literary portraits] Khronika, raznye...; literaturnye portrety. [Moskva] Mosk. rabochi, 1966, 189 p.
Shoshin, V. A. [The poet and the world; creative individuality in Soviet poetry] Poet i mir; o tvorchestvo individualnosti v sovetskoi poezii. Moskva, Nauka, 1966, 184 p.

RUSSIAN REFUGEES see Refugees, Russian

RUSSIAN SOCIAL DEMOCRATIC PARTY

(see also subdivision under Polesye; Siberia)
Kolodtzev, M. G. [To meet the great change, 1905-February 1917] Navstretchu velikomu povorotu, 1905-fevral' 1917 g. Moskva, Politizdat, 1965, 108 p. (Molodomu komunistu ob istorii KPSS) (CSU-II)

Significance of the new documentary materials of Lenin for the study of the history of the CPSU. G. D. Obichkin. Vop. Ist. KPSS 12 no. 7:16-27 Ji '66.

Some new materials relating to the Third Petrograd Conference of the Russian Social Democratic Party (Bolsheviks). E. F. Erykalov, I. I. Korabiev. Vop. Ist. KPSS 10 no. 7:23-35 Ji '66.

Struggle for the convocation of the Third Congress of the Russian Social Democratic Party and its local organizations, January-April 1905. M. A. Zotov. Vop. Ist. KPSS 12 no. 7:47-55 Ji '66.

RUSSIAN STUDIES see subdivision under Germany, West

RUSSIANS see subdivision under Hungary

RUTHENIA see Transcarpathia

HUZAYEVKA DISTRICT (MORDOVIA)—STATE FARMS—MANAGEMENT

A line from the resolution. A. Borisov. Sov. profsoliuzy 22 no. 13:16-17 Ji '66.

RYAZAN PROVINCE—COLLECTIVE LABOR AGREEMENTS—AGRICULTURE

Recorded and checked. V. Molisev. Sov. profsoliuzy 22 no. 11:8-10 Je '66.

RYBINSK RESERVOIR—CALANOIDA

Observations on the life cycle of Eudiaptomus gracilis (G. Sars) and Eudiaptomus graciloides (Lill.) (Copepoda, Calanoida) in Rybinsk Reservoir. L. M. Malovitskaya. Trudy Inst. biol. vnutr. vod. no. 8:58-65 '65.

RYBINSK RESERVOIR—CHIRONOMIDAE

Metamorphosis of Parachironomus villosus Goetgh. and some data on its biology (Diptera, Tendipedidae). A. I. Shilova. Trudy Inst. biol. vnutr. vod. no. 8:102-109 '65.

RYBINSK RESERVOIR—FRESHWATER FAUNA

Organisms in the littoral zone of Rybinsk Reservoir. Trudy Inst. biol. vnutr. vod. no. 8:151-154 '65.
Populating wood substratum from midwater. V. P. Lufarov. Trudy Inst. biol. vnutr. vod. no. 8:140-143 '65.
Seasonal changes in the settlement rate of the epibionts of submerged trees in the littoral zone of Rybinsk Reservoir. V. P. Lufarov. Trudy Inst. biol. vnutr. vod. no. 8:144-150 '65.

RYBINSK RESERVOIR—GASTROPODA

Life cycles, changes in the abundance and biomass of some gastropods in the littoral zone of Rybinsk Reservoir in the summer of 1962. E. A. Tikhon-Lukina. Trudy Inst. biol. vnutr. vod. no. 8:125-129 '65.

RYBINSK RESERVOIR—INFUSORIA

Materials on the biology of Infusoria in Rybinsk Reservoir. E. D. Mordukhai-Boltovskoi. Trudy Inst. biol. vnutr. vod. no. 9:3-11 '65.

RYBINSK RESERVOIR—LAMELLIBRANCHIATA

Observations on the life cycle, growth rate, and desiccation resistance capacity in Musculum lascustris (Miller). V. I. Mitropol'skii. Trudy Inst. biol. vnutr. vod. no. 8:118-124 '65.

RYBINSK RESERVOIR—OLIGOCOAETA

Formation of tubicoid fauna and its distribution in Rybinsk Reservoir. T. L. Poddubnaya. Trudy Inst. biol. vnutr. vod. no. 8:20-30 '65.

RYBINSK RESERVOIR—PROSOBRANCHIATA

Assimilation of algae suspended in various concentrations by Valvata pulchella Studer. E. Tikhon-Lukina, I. I. Sorokin. Trudy Inst. biol. vnutr. vod. no. 8:134-136 '65.

Assimilation of various foodstuffs by Valvata pulchella Studer. E. A. Tikhon-Lukina, I. I. Sorokin. Trudy Inst. biol. vnutr. vod. no. 8:130-133 '65.

RYBINSK RESERVOIR—ROTIFERA

Materials on the distribution and seasonal dynamics of Asplanchna priodonta Gosse and A. harricki de Guerne (Asplanchnidae, Rotatoria) in Rybinsk Reservoir. E. D. Mordukhai-Boltovskoi. Trudy Inst. biol. vnutr. vod. no. 8:15-19 '65.

RYBINSK RESERVOIR—WATER MITES

Materials on the biology and taxonomy of water mites (Hydrachnellae). D. A. Vainshtein. Trudy Inst. biol. vnutr. vod. no. 8:84-90 '65.

RYE

Rye; increase its production and procurement. P. Sudinov. Zakup. sel'khoz. prod. no. 5:16-12 My '66.
Some crops preceding winter rye. I. I. Gunkin. Izv. Kuli. SKNI 17:204-209 '65.

RYPKA, JAN, 1886-

Jan Rykpa; on his eightieth birthday. Nar. Az i Afr. no. 3: 218 '66.

SACBROOD—MICROBIOLOGY

Isolation and cultivation of the sacbrood virus. N. I. Smirnova. Vop. vet. virus. 2:118-123 '60.

SAINFOIN

Methods for planting sainfoin. P. K. Velichko. Vest. sel'khoz. nauki [Kazakh. J. 9 no. 5:15-18 My '66.

SAINFOIN—VARIETIES see subdivision under Kuybyshev Province

SAINT-JOHN'S WORT

Biology of Hypericum perforatum L. T. I. A. Omel'chuk-Makushko. Ukr. bot. zhur. 23 no. 3:100-104 '66.

SAKHALIN—HERRING

Morphoecologic characteristics of the postembryonic development of Clupea harengus pallasi Val. of Sakhalin. I. V. Nikitinskaya. Vop. ikht. 6 no. 2:277-289 '66.

SAKHALIN—LABOR TURNOVER

"Dismissal on one's own request." K. Rendel'. Sov. profsoliuzy 22 no. 10:36 My '66.

SAKHALIN—VISITORS, JAPANESE

Via the strait of friendship. M. Shepelenko. Sov. profsoliuzy 22 no. 10:41-43 My '66.

SAKKETTI, ALEKSANDR LIVEHEVICH, 1881-1926

Aleksandr Livevich Sakketti; obituary. Sov. gos. i pravo 36 no. 6:136 Je '66.

SALAIR REGION (KEMEROVO PROVINCE)—MINING ENGINEERING

Potentials of increasing the efficiency of boring operations at the Salair mine. G. S. Akent'ev and others. Dokl. obshch. rad. i svet. met. no. 3:15-17 '64.

SALINE AND ALKALI SOILS

(see also subdivision under Ural Mountain region)
Work results on the leaching of salinized soils for 1964-1965. A. F. Rnd'ko. Gidrol. mel. 18 no. 6:55-58 Je '66.

SALINE WATERS—DEMINERALIZATION

Seas will irrigate deserts. B. Zabriov. Az. i Afr. seg. 10 no. 7:9-11 Ji '66.

Tests of a solar demineralizer. A. B. Vardashvili. Geotekhnika no. 2:50-53 '66.

SALINGER, JEROME DAVID, 1910-

Repercussions of Oriental culture in J. D. Salinger's works. E. V. Zavadskaya, A. M. Platigorskii. Nar. Az i Afr. no. 3:92-101 '66.

SALIVA

Diurnal Na/K rhythm in the saliva and its changes under the effect of ACTH, prednisolone, deoxycorticosterone, and smoking in hypertension. N. L. Anisimov. Zhur. eksp. i klin. med. 6 no. 2:39-44 '66.

SALIVARY GLANDS

Histochemical study of polysaccharides of the salivary glands in mammals. G. M. Mogil'naya. Arkh. anat., gist. i embr. 50 no. 3:24-28 Mr '66.

Postnatal development of the submaxillary salivary and the external orbital lacrimal gland in white rats. A. G. Babayev. Biol. eksp. i klin. med. 61 no. 5: 113-155 My '66.

SALMON

Effect of developmental conditions on the fat metabolism in the embryos and larvae of Oncorhynchus keta Intraspecies autumnalis Berg. A. M. Kol'gaev, A. A. Zhitnaya. Vop. ikht. 8 no. 2:401-405 '66.

SALMON—PHYSIOLOGY see subdivision under Russia, Northern

SALMONELLA

Comparative study of the sensitivity of S and R variants of Salmonella gallinarum-pullorum to the effect of colicins. V. A. Filippov. Zhur. mikrobiol., epid i immu. 43 no. 5:43-47 My '66.

Detection of cells producing antibodies to O-antigen of Salmonella typhi by the method of local passive hemolysis in agar. V. V. Solov'ev and others. Biol. eksp. i klin. med. 61 no. 5:118-120 My '66.

SALMONELLA INFECTIONS

Bezdenzhiykh, I. S. [Salmonellosis; their epidemiology and prevention] Salmonellozy; epidemiologiya i profilaktika. Moskva, TSentr. In-t usovershenstvovaniya vrashet, 1966, 39 p. (DNLM)

Zagayevskii, I. S. [Salmonella infections of farm poultry] Salmonellozy sel'skokhoziaistvennykh ptits. Moskva, Kolos, 1966, 119 p. (DNAL)

SAL'SK (ROSTOV PROVINCE)—FEED INDUSTRY

Sections for the granulation of mixed feeds at the Sal'sk and Tula Mixed Feed Plants. N. Chudakovskii, M. Bakshtam. Muk. elev. prom. 32 no. 5:20-22 My '66.

SALT

Using sodium chloride for removing paraffin from a pipeline. P. I. Chulina. Transp. i khim. nefi i nefteprod. no. 3:6 '65.

SALT—PHYSIOLOGICAL EFFECT

Effectiveness of the increased amount of common salt in rations for ducks. I. E. M. Fedil. Nauk. pratsi zooteh. fak. UASRN 15 no. 2:77-81 '61.

Regulation of appetite for water and salt in repeated saturation of the organism with sodium chloride. M. V. Arkind, A. M. Ugolev. Trudy Inst. fiziol. 11:60-174 '65.

SALT DEPOSITS see subdivision under Chu Depression

SALT DOMES

(see also subdivision under Caspian Sea region; Germany)

Stress distribution in a transverse fold, and the formation of salt domes. V. H. Kuterman. Dop. AN URSS no. 5:600-611 '66.

SALT METABOLISM

Alimentary behavior of dogs in normal and experimental changing water-salt exchange. I. P. Nikulina. Vest. LGU no. 9:94-105 '66.

SALTING-OUT

Theory of salting-out from aqueous solutions. Part 2: Dehydration and hydration as dependent on the salted-out cation hydration. O. I. Samoilov. Zhur. strukt. khim. 7 no. 2:175-178 Mr-Ap '66.

SALTPETER, EFFECT OF RADIATION ON

Effect of admixtures on the radiolysis of potassium nitrate. V. V. Boldyrev and others. Khim. i kat. 7 no. 3:432-438 My-Je '66.

SALTS—EFFECT ON PLANTS see Plants, Effect of salts on

SALTS IN SOILS see Soils, Salts in

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889

Smirnov, V. B. [Gleb Uspenski and Saltykov-Shchedrin; G. I. Uspenski in the "Otechestvennyye zapiski"] Gleb Uspenski i Saltykov-Shchedrin; G. I. Uspenski v "Otechestvennykh zapiskakh." [Saratov] Izd-vo Saratovskogo univ., 1964, 137 p. (CU)

SALVAGE (WASTE, ETC.)

Secondary polymers in the national economy. I. Rakhlin, D. Andreyev. Plan. khcz. 43 no. 6:24-29 Je '66.

SALYNSKII, AFANASH DMITRIYEVICH, 1920-

The play remains unread. Miltse Kon. Teatr 25 no. 10:11-15 O '64.

SAMARIUM ISOTOPES—DECAY

Sm¹⁴³ decay. I. I. Beilina, E. I. Biriukov, N. S. Shinnanskaya. Izv. AN SSSR. Ser. fiz. 30 no. 7: 1130-1135 Ji '66.

SAMARSKITE

Process of the pyrochlorization of samarskite varieties. A. P. Kalita. Gokhimia no. 10:1028-1030 O '64.

SAMBA, DZITAM SARANGIN, 1895-

People and events: Henri Winston; Gus Hall; Dzham-sarangin Samba. Nov. vrem. 24 no. 28:12, 30 Ji '66.

- SAMOILOVICH, ALEKSANDR NIKOLAEVICH, 1880-1938**
Materials for description of the manuscript heritage of A. N. Samoilovich. L. V. Dmitrieva. Nar. Az i Afr. no. 3:206-211 '66.
- SAMPLES (COMMERCE)**
Legal protection of trade samples in the U.S.S.R. F. P. Gavrilov. Sov. gos. i pravo 36 no. 7:83-88 J1 '66.
- SAMUR-DIVICHI CANAL REGION—WATER BIRDS**
Materials on the fauna and ecology of water and swamp birds in the Samur-Divichi Lowland of Azerbaijan. D. G. Tuayev. Trudy Inst. zool. AN Azerb. SSR 25:69-97 '65.
- SAN VALLEY—UKRAINIANS**
Oryshkevych, Petro. [Ukrainians of the western part of the San Valley; a geographical and historical study] Ukrainitsi Zaslannia; geografichno-istorichnyy narys. Munich, Ukr. vilt'nyi univ., 1962. 49 p. fold. map. (NN)
- SANATORIUMS**
For those who are going for a cure. Sov. profsoyuzy 22 no. 13:42-43 J1 '66.
- SANCTIONS (LAW)**
Conditions for administrative coercion. DN, Bakhkrakh, Uch. zap. VNIESZ no. 5:91-98 '65.
Implementation of administrative sanctions by the organs of the police. L. L. Popov. Uch. zap. VNIESZ no. 5:178-184 '65.
Intra-agency control over the lawful application of administrative sanctions by police organs. F. E. Kolon-tsevskii. Uch. zap. VNIESZ no. 5:124-127 '65.
- SAND**
Study of the dynamic stability of submerged sandy slopes. D. Rasha. Rech. transp. 22 no. 8:42-43 Ag '64.
- SAND DUNES** see subdivision under Turkmenistan
- SANDALS**
New design of sandalettes with artificial leather uppers. A. A. Lerman. Kozh. i obuv. prom. 7 no. 2:35-36 F '65.
- SANDPIPERS** see subdivision under Leningrad Province
- SANDSTONE—ELASTIC PROPERTIES**
Elastic properties and temporary resistance to compression of various kinds of diabase, sandstone, silt and argillite. Z. S. Mokhov. Sbor. trud. LIIZIT no. 230:147-160 '65.
- SANGUISORBA**
Effect of the length of the time of preliminary steeping of raw material in the percolator on dynamics of the extraction of tanning substances from the rootstock and roots of sanguisorba during percolation. V. F. Vinsova. Lek. i syr. res. Irk. obl. no. 4:127-130 '65.
- SANIDINE**
Breakdown of natural sandline at high pressures and temperatures. IU. N. Riabinin and others. Izv. AN SSSR, Ser. geol. 31 no. 6:3-9 Je '66.
- SANITARY ENGINEERING—LABORATORY MANUALS**
Sidorov, M. A. [Laboratory work in the special technology for sanitary engineering filters] Laboratorno-prakticheskie raboty po spetsialnoiologii dlia slesarel-santekhnikov. Moskva, Vysshaya shkola, 1966. 62 p.
- SANITATION**
Experience in the combined work of the phthisiological and sanitary-epidemiological service. M. V. Gulida, L. G. Bystritskaya, T. I. Nazarova. Zhur. mikrobiol., epid. i immu., 43 no. 5:140-143 My '66.
- SAPROPELS—CONGRESSES**
Second Interuniversity Conference on Sapropeles. M. I. Neishtadt. Izv. AN SSSR, Ser. geog. no. 3:147 My-Je '66.
- SARATOV—RADIO OPERATORS**
As told by the Saratov radio operators. S. P. Inozemtsev, and others. Avtom., telem. i svyaz' 10 no. 5:28-30 My '66.
- SARATOV—SOVIETS**
New functions of the permanent committees and certain problems facing practice and legislation. N. P. Ivannishcheva, T. M. Pailgunova. Sov. gos. i pravo 36 no. 6:112-116 Je '66.
- SARATOV PROVINCE—GAS, NATURAL**
Secondary gas recovery methods in fields of Saratov Province. V. P. Goncharov, P. T. Gorbakov, K. G. Iakovlev. Gaz. delo no. 6:21-24 '66.
- SARATOV PROVINCE—GAS, NATURAL—PIPELINES**
Information on the project of provisional norms and technical specifications for designing and constructing underground gas pipelines, with working pressures up to 5 kg/cm², from asbestos-cement water pipes with internal protective coatings. V. V. Tarkhanov. Gaz. delo no. 6:25-26 '66.
- SARATOV PROVINCE—GAS INDUSTRY**
History of the development of the gas industry of Saratov Province. N. K. Konstantinova. Gaz. delo no. 6:37-3 of cover '66.
Present status of and prospects for the development of the gas industry of Saratov Province. D. M. Esutin. Gaz. delo no. 6:3-6 '66.
- SARMATIAN ANTIQUITIES** see subdivision under Kherson Province
- SARYSU VALLEY—GAS, NATURAL—GEOLOGY**
Geology of Middle and Upper Paleozoic sediments and possible oil and gas occurrences in the Chu-Sarysu Depression. B. G. Bakanchev, S. P. Nikitin. Neftegaz. geol. i geofiz. no. 5:11-15 '66.
- SARYSU VALLEY—PETROLEUM GEOLOGY**
Geology of Middle and Upper Paleozoic sediments and possible oil and gas occurrences in the Chu-Sarysu Depression. B. G. Bakanchev, S. P. Nikitin. Neftegaz. geol. i geofiz. no. 5:11-15 '66.
- SATURN (PLANET)—SPECTRA**
Spectra of Jupiter and Saturn in the 1-2.5 μ region. V. I. Moroz. Astron. zhur. 43 no. 3:570-592 My-Je '66.
- SAUSAGES**
Changes in the protein part of the filling during the curing of uncured dry-cured sausage. A. A. Sokolov, R. M. Dzhabbarova. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:98-100 '66.
Specialization of sausage production in the meat industry. S. E. Krasnov, B. I. Sterligov. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:9-12 '66.
- SAVINGS BANKS** see subdivision under Novosibirsk
- SAW FLIES**
Biology of rose sprout sawflies in Moscow Province. V. I. Erokhina. Sbor. rab. MLIT no. 11:169-169 '64.
- SAWING**
Bokschchanin, IU. R., V. A. Mishin, and P. P. Sosunov. [Preparing saw logs for sawing] Podgotovka pilovozhno-gorya k raspilovke. Moskva, Leontia promyshlennosti, 1966. 75 p. (Nastoiachivo vnedrit' poredovoi opyt v proizvodstvo)
Kamallutdinova, M. Kh. [Surface finish of lumber by a frame saw] Chistota poverkhnosti pilomaterialov ramnoi raspilovki. Moskva, Leontia promyshlennosti, 1966. 57 p.
- SAWS**
Sawing bent and glued blocks on a copying gang saw. V. P. Makhnov. Der. prom. 15 no. 5:24 My '66.
Studying the wear and blunting of flattened teeth as related to the various initial hardness of frame saws. E. M. Borovikov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:100-106 '66.
- SAWS—HYDRAULIC EQUIPMENT**
Experimental study of the nature and magnitude of the force needed to move the saw of an edging machine with a hydraulic drive. G. M. Gornet. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:112-115 '66.
- SAWWOOD—TOXICOLOGY**
Materials for the pharmacology of the general effect and toxicity of the extract from Saussurea discolor (Willd.) D. C. B. M. Peatov. Lek. i syr. res. Irk. obl. no. 4:165-167 '65.
- SAXIFRAGACEAE**
Embryology of the family Saxifragaceae. Report No. 2: Development of the endosperm, embryo, and the formation of seeds in Berenia crassifolia (L.) Frutich. L. V. Korobova-Semenchenko. Blul. MOIP. Otd. biol. 71 no. 2:64-69 Mr-Apr '66.
- SAYAN MOUNTAINS—IRON ORES**
Iron in igneous formations in the Altai-Sayan fold area. I. I. Abramovich. Geokhimiya no. 10:1223-1233 O '66.
- SCAB DISEASE IN SHEEP**
MKU bathing unit. R. Kaplan, O. Tarakchev, R. Sultan-chaliev. Tekh. v sel'khoz. 25 no. 3:32-34 Mr '65.
- SCALDS** see Burns and scalds
- SCALE INSECTS**
(see also subdivision under Polesya)
Borkhsenius, N. S. [Catalog of the scale insects (Diaspididae) of the world fauna] Katalog shchitovok (Diaspididae) mirovoi fauny. Moskva, Nauka, 1966. 448 p.
- New species from the genus Greenidea Borchs. (Homoptera, Coccoidea, Eriococcidae) in the U.S.S.R. N. S. Borkhsenius, E. M. Dantsig. Trudy Zool. inst. 37:41-44 '66.
- SCALE INSECTS—BIOLOGICAL CONTROL** see subdivision under Alma-Ata region
- SCALE INSECTS—PARASITES** see Parasites—Scale insects
- SCALES (FISHES)**
Unified methods of the reconstruction of fish growth by scales. I. F. Sheptiakov. Vop. ikht. 6 no. 3:303-313 '66.
- SCANDINAVIA—POLITICS**
Scandinavia looks for an alternative. G. Deimchenko. Nov. vrem. 24 no. 27:23-24 J1 '66.
- SCANDIUM HALIDES**
Calculation of the molecular dissociation energies in halides of the scandium subgroup. K. S. Krasnov. Toplofiz. vys. temp. 4 no. 1:139-141 Ja-F '66.
- SCARABAEIDAE** see subdivision under Yunnan
- SCARABAEIDAE—PARASITES** see Parasites—Scarabaeidae
- SCARLET FEVER**
Lysogenicity in streptococci isolated from patients with scarlet fever. A. G. Leonova, A. R. Zemel', Zhur. mikrobiol., epid. i immu., 43 no. 5:99-102 My '66.
- SCARLET FEVER—PREVENTIVE INOCULATION**
Reactogenicity and immunogenicity of a new antiscarlatinal vaccine. A. B. Aleksanian, M. P. Dzhambozian, A. L. Asatatsian. Zhur. ekp. i klin. med. 6 no. 2:45-54 '66.
- SCELIONIDAE**
Effect of Scelionidae on the abundance of horseflies. A. S. Latta. Trudy Inst. zool. AN Kazakh. SSR 26:116-120 '62.
- SCHEDULES, SCHOOL**
How to prepare a schedule. E. Solov'eva. Nar. obr. no. 7 insert:1-10 J1 '66.
- SCHEDULING (MANAGEMENT)**
Dudorin, V. I., and V. S. Rumlandov. [Application of the network system of planning and management in industry; methodological instructions] Primenenie sistem setevogo planirovaniia i upravleniia v promyshlennosti; metodicheskie ukazaniia. Moskva, Ekonomika, No. 3, 1966. 39 p.
Problem of transport routing. A. A. Antkeltch, A. H. Gribov, I. V. Romanovskii. Kibernetika no. 1:65-71 '66.
Problems of the optimization of multistep operations in network planning and control taking into account several resources. D. I. Golenko, N. A. Levin. Kibernetika no. 1:70-82 Ja-F '66.
Series optimization networks in problems of the regulation of the carrying-out of operations. V. S. Mikhailovich, V. V. Shkurba. Kibernetika no. 2:34-40 Mr-Apr '66.
Theory of network planning and control. V. I. Altayev, V. N. Burkov, A. I. Tolman. Avtom. i telem. no. 3:184-201 '66.
Use of optimal control theory techniques in problems of optimal planning. N. N. Moiseev. Kibernetika no. 2:41-48 Mr-Apr '66.
- SCHEDULING (MANAGEMENT)—STUDY AND TEACHING**
Our economists will be acquainted with network planning. G. E. Parabek. Vest. vys. shkoly 24 no. 5:17-23 My '66.
- SCHIZOPHRENIA**
Late period of the course of schizophrenia originating in childhood and adolescence. M. S. Vrona. Zhur. nevrol. i psikh. 66 no. 7:1053-1057 '66.
- SCHOOL AND COMMUNITY** see Community and school
- SCHOOL AND HOME** see Home and school
- SCHOOL EXCURSIONS**
Circle, anchor, star. M. Sokolov. Voenn. znani. 42 no. 6:41 Je '66.
- SCHOOL HYGIENE**
Myopia in some schools of the Azerbaijan S.S.R. and the hygienic basis for its prevention. N. A. Kozieva. Trudy Azerb. nauch.-issl. inst. oft. 4:95-100 '63.
- SCHOOL LIBRARIES**
Uncoordinated action. T. Molchanova. Bibliotekar' 43 no. 7:34-35 J1 '66.
- SCHOOL MANAGEMENT AND ORGANIZATION**
Educational analysis is a scientific foundation of school management. A. Levshin. Nar. obr. no. 6:13-17 Jo '66.

SCHOOL SCHEDULES see Schedules, School

SCHOOLS
(see also subdivision under Riga)

In the name of heroes. P. Minin. Nar. obr. no. 6:50-51 Je '66.

SCHOOLS—RECORDS AND CORRESPONDENCE

Let us prepare the certificates of education in a proper way. O. Rudakova. Nar. obr. no. 6:25-26 Je '66.

SCHOOLS—STATISTICS

I. Work results of 43 industrial enterprises transferred to the new system of planning and economic stimulation. II. Number of workers in industry and construction by occupations. III. General education schools, higher, secondary, and specialized institutions of learning. Vest. stat. no. 6:97-98 '66.

SCHOOLS, UKRAINIAN see subdivision under Syracuse

SCIENCE

Odessa. Universitet. [Anniversary session dedicated to the centenary of the I. I. Mechnikov Odessa State University; physics and mathematical sciences, astronomy, geography and geology (theses of the reports, May 20-27, 1965)] Uvilelna naukova sesia, pryvachena 100-ricchcu Odess'koho derzhavnogo universitetu im. I. I. Mechnikova; fiziko-matematichni nauky, astronomiia, geografii ta geologii (tezy dopovidel, 20-27, travnia 1965 r.). Odessa, 1965. 69 p.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—EXPERIMENTS

Model and experiment. V. A. Shaloff. Nek. vop. metod. mach. 1961. no. 1:101-136 '65.

SCIENCE—MISCELLANEA

Science or sensation? Priroda 55 no. 6:20-24 '66.

SCIENCE—PHILOSOPHY

Vdovychenko, H. H. [Philosophical problems in the modern natural sciences] Filosofs'ki pytannia suchasnoho pryrodosnavstva. Kyiv, Vyd-vo Kyivsk'oho univ., 1966. 161 p.

SCIENCE—POPULAR WORKS

Some remarks on popular works. P. S. Likhthenshtein. Kniga; issl. i mal. 11:242-262 '65.

SCIENCE AND RELIGION see Religion and science

SCIENCE PUBLISHING

Current problems in the publication of Soviet scientific studies. N. M. Shtorski, P. S. Likhthenshtein. Kniga; issl. i mal. 10:19-40 '65.

SCIENTIFIC APPARATUS AND INSTRUMENTS

New devices for thermophysical research. L. A. Novitski, N. N. Fyrgardt. Teplofiz. vys. temp. 4 no. 1:132-133 Ja-F '66.

SCIENTIFIC LIBRARIES see subdivision under Leningrad

SCIENTIFIC SOCIETIES

The role of the Society of Amateurs of Natural Science, Anthropology, and Ethnography in the organization of Russian ethnographical studies. H. S. Lipets, T. S. Makoshina. Trudy Inst. etn. 91:90-60 '65.

SCIENTISTS

Akademii nauk SSSR. Sibirskoe otdelenie. Institut gor-nogo dela. [Organization and efficiency of scientific research] Organizatsiia i effektivnost' nauchnykh issledovani. Novosibirsk, Nauka, 1965. 195 p.

SCOTIA SEA—NAVIGATION

Some navigation conditions in the Scotia Sea. A. G. Petukhov. Ryb. khoz. 42 no. 5:27-28 '66.

SCREW CUTTING

Preliminary cutting of hardened screws for screw-rolling nut transmissions. A. L. Funberg. Stan. i instr. 37 no. 6:20-21 Je '66.

Technology of grinding ball threads. M. O. Jakobson. A. L. Funberg. Vest. mashinost. 40 no. 6:65-70 Je '66.

SCREW-CUTTING MACHINES

Using screw-cutting heads. I. U. L. Frumin. Stan. i instr. 37 no. 8:40-42 Je '66.

SCREW THREADS—STANDARDS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Diameters for the holes for screw threads; dimensions] Diametry otvoratli pod rez'bu; razmery (MN 5384-64—MN 5389-64). Moskva, Izd-vo Standartov, 1964. 28 p. (SSSR, Normali mashinostroeniia)

SCROLLS, DEAD SEA see Dead sea scrolls

SCULPTURE, ANCIENT see subdivision under Odessa Province

SCYTHIAN ANTIQUITIES see subdivision under Khmel'nitskiy Province; Polesye; Ternopol' Province

SEA BATHS see Baths, Sea

SEA BUCKTHORN see subdivision under Siberia

SEA ICE

(see also subdivision 'Ice' under Azov, Sea of; Baltic Sea; Black Sea; Okhotsk, Sea of)

Long-range ice forecasting. A. I. Karakash, T. F. Iushchak. Trudy TSIP no. 156:89-98 '66.

SEA LEVEL see subdivision under Caspian Sea

SEA WALLS see subdivision under Kamchatka

SEALING (TECHNOLOGY)

End face seals of centrifugal pumps of gasoline pipelines. V. E. Laptev. Transp. i khran. nefi i nefteprod. no. 3: 15-17 '65.

Nondestructive testing of the quality of the hermetic sealing of joints. A. I. Gorbunov, A. S. Freidin, V. I. Ragol'skaya. Vest. mashinost. 46 no. 6:28-30 Je '66.

Results of the industrial use of the US-1 sealing compound in the Krasnodar Territory. N. N. Koshelev, I. D. Komnatnyi, V. G. Konyshov. Burenie no. 5:25-26 '66.

Sealing of the lower support of a vertical shaft. V. S. Suvorov. Prom. Bel. 9 no. 4:31-32 Ap '66.

SEALS (ANIMALS) see subdivision under Caspian Sea

SEASHORE

Akademii nauk SSSR. Okeanograficheskaya komissia. Studies of hydrodynamic and morphodynamic processes occurring in seashore zones] Issledovaniia gidrodinamicheskikh i morfodinamicheskikh protsessov berego-voi zony moria. Moskva, Nauka, 1966. 228 p.

SECHENOV, IVAN MIKHAILOVICH, 1820-1905

Frolov, I. P. [Song and speech in the light of I. P. Pavlov's theory] Penie i rech' v svete uchenia I. P. Pavlova. [Moskva, Muzyka, 1960. 97 p. (V pomoshch' pedagogu-muzykantu)]

SECOND BAKU—GAS, NATURAL—GEOLOGY

Chemical composition of waters in the Upper Paleozoic and Mesozoic sediments of the Volga-Ural interfluvium in connection with prospecting for oil and gas. M. A. Pomarnatskii. Trudy VNIGRI no. 237:253-263 '64.

SECOND BAKU—PETROLEUM GEOLOGY

Chemical composition of waters in the Upper Paleozoic and Mesozoic sediments of the Volga-Ural interfluvium in connection with prospecting for oil and gas. M. A. Pomarnatskii. Trudy VNIGRI no. 237:253-263 '64.

SECOND BAKU—WATER, UNDERGROUND—COMPOSITION

Chemical composition of waters in the Upper Paleozoic and Mesozoic sediments of the Volga-Ural interfluvium in connection with prospecting for oil and gas. M. A. Pomarnatskii. Trudy VNIGRI no. 237:253-263 '64.

SECONDARY RECOVERY OF OIL see subdivision under Apsheron Peninsula; Kirov Province

SECONDARY SCHOOL GRADUATES—STATISTICS

The forthcoming survey of secondary and eight-year schools. M. Polubotkinov. Vest. stat. no. 7:55-60 '66.

SECURITY, INTERNATIONAL see subdivision under Pacific Area

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION ANALYSIS

Mechanism of stabilization of clay systems. A. K. Mikhailov, A. M. Bairamov. Azerb. khim. zhur. no. 2:127-133 '64.

SEDIMENTATION AND DEPOSITION

(see also subdivision under Anna Darya; Kyzylkum Canal; Polomet' Valley; Tashsaka Canal)

Investigation of a device used in studying the movement of coarse sediments in streams. N. I. A. Solov'ev. Trudy GGI no. 132:110-125 '66.

Problems concerning the applicability of methods of sediment transportation calculations to rivers. K. V. Razumikhina. Trudy GGI no. 132:18-45 '66.

Sedimentation of dredged navigation channels. B. S. Shtichenko. Rech. transp. 23 no. 4:34-38 Ap '64.

Study of the deposition rate of coarse sediments. V. V. Romanovskii. Trudy GGI no. 132:90-109 '66.

Turbulent fluctuations in the movement of a liquid and sediments. V. M. Makayev. Trudy GGI no. 132: 5-17 '66.

SEED INDUSTRY see subdivision under Stavropol Territory

SEED POTATOES

Akademii nauk SSSR. Dal'nevostochnyi filial, Vladivostok. Biologo-pochvennyi institut. [Breeding and seed production of potatoes; control of degeneration] Selk-tsiia i semenovodstvo kartofella; bor'ba s vyrozhd-eniem. Moskva, Nauka, 1966. 215 p. (DNAL)

SEED PRODUCTION

Developing methods for estimating the productivity of Scotch pine as related to the variability of trees with regard to diameter and fruiting intensity. S. A. Mamaev, V. M. Iatsenko. Trudy Inst. biol. UFAN SSSR no. 47: 63-66 '65.

SEED PRODUCTION—CONGRESSES

Vsesoluznyi seminar po metodike selektsii i semenovodstva ovoshchnykh kul'tur, Leningrad. [Methodology of the breeding and seed production of vegetable crops; materials] Metodika selektsii i semenovodstva ovoshchnykh kul'tur; materialy. Pod obshch. red. D. D. Brezhneva. Leningrad, Kolos, 1964. 311 p. (DNAL)

SEEDS

Effect of the generation of certified seed on the yield of spring wheat. A. A. Almazanov, A. A. Smetanin. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:11-14 My '66.

Immunochemical study of the globulins of pea and hemp seeds at various stages of ripening. V. G. Konarev and others. Fiziol. rast. 13 no. 3:453-457 My-Je '66.

SEEDS—DISINFECTION

Atom in the control of grain pests. V. Ratanova, G. Zakladnoi. Muk.-elev. prom. 32 no. 5:19-20 My '66.

Effect of treating corn seeds with new compound preparations before sowing in the forest-steppe zone of Kokech-tav Province. V. P. Kirillov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:88-91 My '66.

SEEDS—STANDARDS

Intensified control over the compliance with the standards for seeds. K. P. Priklad'ko. Uch. zap. VNIISZ no. 5: 153-156 '65.

SEEDS, EFFECT OF RADIATION ON

Atom in the control of grain pests. V. Ratanova, G. Zakladnoi. Muk.-elev. prom. 32 no. 5:19-20 My '66.

SEEDS, EFFECT OF SUCCINIC ACID ON

Effect of preplanting treatment of seeds with succinic acid on the carbohydrate and phosphorus metabolism of corn. A. A. Zemlanukhin, A. M. Makeev. Biol. Ob-va estestvoispyt. 13:52-57 '64.

SEEDS, EFFECT OF ULTRASONIC WAVES ON

Effect of ultrasonic treatment of seeds on the growth, development, and yield of corn. V. A. Bernshtein, O. S. Avdeeva. Uch. zap. Bur. gos. ped. inst. no. 24:29-33 '61.

SEISMIC PROSPECTING

Geological structure of the southern part of central Turkmenistan based on the results obtained by the refraction correlation method. M. E. Starobinets. Neftegaz. geol. i geofiz. no. 5:22-27 '65.

SEISMOMETRY

Using rolled composition for modeling dynamic processes in soils and buildings. A. A. Mkrtchian. Iz. AN Arm. SSR. Ser. tekhn. nauk 19 no. 2:56-61 '66.

SELENGA DELTA—FIELD MICE

Some problems concerning the ecology of the red-backed vole Clethrionomys rutilus in the Selenga Delta. M. A. Erbaeva. Uch. zap. Bur. gos. ped. inst. no. 24:83-89 '61.

SELENGA DELTA—FRESHWATER FLORA

Aquatic vegetation of the Selenga Delta lakes. V. G. Goloskokov. Uch. zap. Bur. gos. ped. inst. no. 24: 17-27 '61.

SELENIUM see subdivision under Uzbekistan

SEMENOV, NIKOLAI NIKOLAEVICH, 1890-

Academician Nikolai Nikolaevich Semenov; on his seventieth birthday. Zhur. struk. khim. 7 no. 2:173-174 Mr.-Ap '66.

Akademii nauk SSSR. Nikolai Nikolaevich Semenov. Izd. Z. i. dop. 80st. N. M. Emanuel'. Moskva, Nauka, 1966. 95 p. (Materialy k biobibliografii uchenykh SSSR. Sorlia khimicheskikh nauk, no. 38)

N. N. Semenov; on his seventieth birthday. Arm. khim. zhur. 19 no. 2:77-82 '66.

Outstanding contribution to the field of chemical chain reactions (on the seventieth birthday of Academician N. N. Semenov). E. A. Blumberg, N. M. Emanuel'. Neftekhimiia 8 no. 2:161-164 Mr.-Ap '66.

SEMENTOV-TIAN-SHANSKI, PETR PETROVICH, 1827-1914

P. P. Sementov-Tian-Shanski on the legal relations of the Kirghiz tribes. S. Kochonaliyev. Izv. Khim. i Geog. ob-va SSSR no. 5:91-93 '65.

SEMICONDUCTOR DIODES see Diodes, Semiconductor

SEMICONDUCTORS

Capacitance of the barrier layer of a metal-semiconductor junction with consideration of the majority charge carriers. N. A. Penin. Radiotekh. i elektron. 11 no. 7:1303-1305 J1 '66.

Effect of the impurities of transition metals on the life of the minority carriers in n-Si. G. B. Abdullaev and others. Radiotekh. i elektron. 11 no. 6:1151-1154 Jc '66.

Electric spark machining of semiconductor materials. I. N. Rubtsov. Elek. obr. mat. no. 3:3-18 '65.

Electrical modulation of photo e.m.f. during longitudinal photoeffect. T. G. Averbukh and others. Radiotekh. i elektron. 11 no. 7:1285-1294 J1 '66.

Formation of twin crystals of germanium, silicon, and semiconductor compounds. A. N. V. S. A. Strotelov. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:57-60 '66.

Modification of the physicochemical properties of solids by addition agents. Part 7: Effect of heterophase semiconductor admixtures on the thermal stability of silver azide. M. A. Zakharov and others. Khim. i kat. 7 no. 3:423-431 My-Jc '66.

Reactive and active component of the impedance of a two-terminal network linked with the nonlinearity of the static characteristic. A. B. Pavlov, V. A. Sablikov. Radiotekh. i elektron. 11 no. 7:1334-1336 J1 '66.

Semiconducting properties of polymers containing benzene rings and heterocyclic atoms in the main chain. A. I. Maklakov and others. Vysokom. soed. 8 no. 6:1097-1101 Jc '66.

Semiconductor power transformers and their use in electric rolling stock. B. N. Tikhmenev. Vest. TSNII MPS 25 no. 3:11-15 '66.

Thermometer for continuous measurement of the temperature of dielectrics and semiconductors in high-frequency fields. D. I. Malov, L. S. Smagor. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5:581-585 '66.

SEMIOTICS

Martynov, V. V. [Cybernetics, semiotics, linguistics] Kibernetika, semiotika, lingvistika. Minsk, Nauka i tekhnika, 1966. 145 p.

SENGILEYEVSKAYA RESERVOIR—CHALCALURNUS

Incubation of Chalcalburnus eggs. G. G. Gorin. Ryb. khoz. 42 no. 5:14-15 '66.

SENSE ORGANS—FISHES

State of the organs of vision, smell and hearing in larvae of the Kura sturgeon (Acipenser guldenstadti) and their variation in the hatching stage. L. A. Sytina. Dokl. AN SSSR 168 no. 4:963-965 Jc '66.

SENSE ORGANS—INSECTS

Olfactory reactions of mosquitoes to live and smashed insects. A. M. Dubitskii. Trudy Inst. zool. AN Kazakh. SSR 25:61-64 '66.

SENTO see Central Treaty Organization

SEPARATORS (MACHINES)

Karimov, Z. F., and V. I. Chernikh. [Use of mechanical separators in the transportation of petroleum, petroleum products, and liquefied gases] Primenenie mekhanicheskikh razdelitel' pri transporte nefli, neftoproduktov i szhizhennykh gazov. Moskva, Nedra, 1966. 95 p.

Slabin, I. P., S. F. Chalkin, and V. G. Shirman. [Beneficiation of coarse filling-material aggregates in heavy media] Obogashchenie krupnogo zapolnitel'ia v tiazhelykh sredakh. Moskva, Energiia, 1966. 110 p.

SEPARATORS (MACHINES)—MODELS

Hydrodynamic model of the feeding channels of a plate separator. E. M. Gol'din. Izv. vys. ucheb. zav.; pisheh. tekhn. no. 3:139-141 '66.

SEPARATORS (MACHINES)—PARTS

Methodology for testing the connection ring of the separator rotor. V. I. Sokolov, I. V. Kosilev. Izv. vys. ucheb. zav.; pisheh. tekhn. no. 3:134-139 '66.

SEQUENCES (MATHEMATICS)

Comparison of various definitions of (O)-convergence in structures. E. E. Gurevich, G. I. A. Rotkovich. Uch. zap. Ped. Inst. Gerts. 274:52-58 '65.

SERGEEV, MIKHAIL ALEKSEEVICH, 1889-1965

Mikhail Alekseevich Sergeev. A. Birkengof, Evg. Petrinev, M. Afonskaja. Izv. Vses. geog. ob-va 98 no. 3:275-277 My-Jc '66.

SERIES

Summing of series containing characteristics coefficients. O. V. Sarnanov. Zhur. vych. mat. i mat. fiz. 6 no. 3:411-432 My-Jc '66.

SERIES, TAYLOR'S

Relation between the growth of an analytic function in a circle and the moduli of coefficients of its expansion into Taylor's series. M. M. Sheremeta. Dop. AN URSR no. 4:728-731 Ap '66.

SERINE

Synonoyl derivatives of serine and 6-aminopenicillanic acid. S. A. Zotova and others. Zhur. org. khim. 2 no. 4:728-731 Ap '66.

SEROTONIN—PHYSIOLOGICAL EFFECT

Oxygen consumption by the brain and its glycolytic activity following introduction of various doses of serotonin into the body. S. V. Zakharov, S. P. Filippov. Biol. eksp. biol. i med. 61 no. 6:47-49 Jc '66.

SERUM

State of some biochemical and immunological indices of the serum of lambs in experimental foot-and-mouth disease. A. P. Prostakov and others. Vop. vet. virus. 2:448-454 '66.

Study of hyperimmune foot-and-mouth disease sera. V. P. Omrilev and others. Vop. vet. virus. 2:620-621 '66.

Use of ovariolecytotoxic serum in sterility of cows. N. P. Sukhanov. Izv. Kuib. SKH 17:279-281 '65.

SERUM DIAGNOSIS

Evaluation of the effectiveness of vaccines and the diagnosis of cattle plague with the aid of the complement fixation reaction and the neutralization reaction. N. I. Mitin and others. Vop. vet. virus. 2:513-520 '66.

Reaction of diffusion microprecipitation for foot-and-mouth disease. V. P. Omrilev and others. Vop. vet. virus. 2:129-134 '66.

Serodiagnosis of amyloid nephrosis. A. A. Alvezian, S. A. Petrosian. Zhur. eksp. i klin. med. 8 no. 2:86-89 '66.

SERUM THERAPY

Preventive and therapeutic properties of immune serum in foot-and-mouth disease. V. P. Omrilev, V. K. Murav'ev. Vop. vet. virus. 2:464-468 '66.

SERVICE INDUSTRIES see subdivision under Moscow

SERVOMECHANISMS

Pankrat'ev, L. D., and others. [A.C. servo drive with transistor amplifiers] Slediaschit' privod peremennogo toka s poluprovodnikovymi ustroystvami. Moskva, Energiia, 1966. 103 p. (Biblioteka po avtomatike, no. 175)

Shekshnia, V. L. [Abstracts of lectures in a course on "Servo systems"] Konspekt lektsii po kursu "Slediaschit'elnye sistemy." Red. S. A. Khurizolitova. Moskva, Energ. in-t. No. 1. 1966. 137 p.

SERVOMECHANISMS—RELIABILITY

Operating life of a servo drive with an intermediate amplifier. I. U. N. Egorov. Trudy LPI no. 259:121-127 '65.

SETS, THEORY OF see Aggregates

SEVAN (ARMENIA)—MACHINERY INDUSTRY—MANAGEMENT

Technician and production quality. E. Iovov. Prom. Arm. 9 no. 6:34-36 '66.

SEVASTOPOL—APARTMENT HOUSES

Sevastopol' chompin. L. Valtura. Zhil.-kom. khoz. 14 no. 5:22 My '64.

SEVASTOPOL—SIEGE, 1942

Aleksandrov, N. I. [The Sevastopol armored train; a documentary tale] Sevastopol'skii bronepoezd; dokumental'naya povest'. Simferopol', Krym, 1966. 277 p.

SEVEROURAL'SK (SEVERDOVSK PROVINCE)—SOCIALIST COMPETITION

Organization of socialist competition in the Severoural'sk expedition of geological prospecting. S. S. Volnich. Razved. i okh. nedr 32 no. 5:56-57 My '66.

SEWERAGE

Overall mechanization of the construction of sewers. E. Gol'din. Zhil.-kom. khoz. 14 no. 5:23 My '64.

SEWING MACHINES—VIBRATION

Determining the amplitude of vibrations of a sewing machine head in the precession zone. B. Z. Zaitsev. Izv. vys. ucheb. zav.; tekhn. log. prom. no. 2:100-104 '66.

SEX IN PLANTS see Plants, Sex in

SEYM RIVER—LOCKS (HYDRAULIC ENGINEERING)

First results of navigation through lock systems. F. Nesteruk. Rech. transp. 22 no. 8:51 Ag '64.

SEYM VALLEY—FOREST ECOLOGY

Forests of the Desna-Seym interfluvium. I. U. R. Shekhovtsov. Ukr. bot. zhur. 23 no. 3:105-110 '66.

SHADRINSK DISTRICT—BIOGRAPHY

Kolosovskii, M. P. [Citizens of Shadrinsk who are "Heroes of the Soviet Union"] Shadrinsk - gerol Sovetskogo Soyuza. [Chetabinsk] Uzhno-Ural'skoe knizhnoe izd-vo, 1965. 114 p. (CS-11)

SHAFT SINKING

Boring of advance holes during upraise drifting. A. P. Ponomarechuk and others. Shkhit. stroit. no. 5:25 My '66.

Bublikov, E. V., and others. [Handbook for the operator of a hoisting machine in mine building] Spravochnik mashinista pod'emnoi mashiny na stroitel'stve shakht. Moskva, Nedra, 1965. 101 p.

Upraise drifting with the KIV-1 equipment complex. M. N. Koludina and others. Shkhit. stroit. no. 5:24 My '66.

SHAFT SINKING—EQUIPMENT AND SUPPLIES

Lining of vertical shafts with reinforced-concrete bars and subsequent guniting coating. A. N. Dmitriev. Shkhit. stroit. no. 5:28-29 My '66.

Upraise mining with an advance borehole. I. B. Edilbayev. Dob. i obog. rud. i svet. med. no. 3:19-21 '64.

SHAFT SINKING—SAFETY MEASURES see subdivision under Krivoy Rog Basin

SHAKESPEARE, WILLIAM, 1564-1616

April 23, before and after. N. Krymova. Teatr 25 no. 10:119-126 O '64.

Condemned crime. Z. Vladimirova. Teatr 25 no. 10:68-90 O '64.

SHAKESPEARE, WILLIAM, 1564-1616—TRANSLATIONS

Soviet publications of Shakespeare in Russian on the 400th anniversary of William Shakespeare's birth. I. M. Levidova. Kniga; issl. i mat. 10:253-271 '65.

SHCHERBAKOV, DMITRII IVANOVICH, 1893-1966

D. I. Shcherbakov; obituary. Vest. AN SSSR 30 no. 6:100 Ja '66.

In memory of Academician D. I. Shcherbakov. Priroda 55 no. 6:innert '66.

SHCHORS, NIKOLAI ALEKSANDROVICH, 1885-1910

Shchors and his soldiers. F. Kostova-Shchors. Mol. komm. no. 8:102-106 Ag '64.

SHEAR (MECHANICS)

Experimental study of the anisotropy of glass reinforced plastics in shear. I. A. S. Sidorin. Zav. lab. 32 no. 5:594-597 '66.

Method for determining the dynamic modulus of shear and the decrement of oscillations in plastics with the temperature gradient depending on the thickness of the material. B. I. Panishin, A. G. Fedorenko, I. N. Utkina. Zav. lab. 32 no. 5:580-583 '66.

SHEEP see subdivision under Tajikistan

SHEEP—ANATOMY

Blood supply of the uterus in sheep. N. T. Safonov. Izv. Kuib. SKH 17:220-225 '65.

SHEEP—DISEASES AND PESTS

Diagnostic sensitivity of a twofold allergic test for paratuberculous enteritis in sheep. S. Kh. Khabibullina, G. V. Suvorova. Trudy TVI 9:134-140 '65.

Discerning immunobiologically inert forms of disease in paratuberculous enteritis of sheep. S. Kh. Khabibullina. Trudy TVI 9:122-128 '65.

Experiment in the infection of sheep with a Coxsackie virus. B. I. A. Liabina, P. P. Pirog, L. M. Lashina. Vop. vet. virus. 2:635-636 '66.

Importance of the quality of feeds in bacteriosis of sheep. V. I. Gershen. Trudy TVI 9:146-151 '65.

Morphological changes in the blood in bacteriosis of sheep. V. I. Gershen. Trudy TVI 9:152-154 '65.

Poisoning of sheep by Ceratophallus orthoceras. V. G. Kozhevnikov. Shor. nauch. rab. stud. Ser. zootekh. vet. inst. 3:5-12 '65.

Postinfection and postvaccination immunity of sheep in foot-and-mouth disease. V. K. Murav'ev, V. P. Ostretov. Vop. vet. virus. 2:455-463 '66.

Some materials on the diagnosis of paratuberculosis in sheep. S. Kh. Khabibullina. Trudy TVI 9:127-133 '65.

SHEEP—FEED UTILIZATION EFFICIENCY

Digestibility and balance of nutrients in experiments with sheep fed natural and deacidified corn silage. P. A. Kormashchikov, A. K. Mishchenko. Trudy TVI 9:228-232 '65.

SHEEP—FEED UTILIZATION EFFICIENCY (Continued)

Digestibility of chemically processed straw and nitrogen metabolism in experiments with wethers; a preliminary report. M.I. Zvereva, P.N. Plankovskii. Trudy TVI 9:236-237 '65.

Effect of urea and lime on the digestibility of cellulose and lignin, and nitrogen and phosphorus metabolism in experiments with sheep. M.I. Zvereva. Trudy TVI 9:233-235 '65.

SHEEP—FEEDING AND FEEDS

Effect of some rations and individual feeds on the motor-secretory motility of the complex stomach in sheep. I.A. P. Dedashvili. Izv. Kuib. SKhII 17:210-212 '65.

Importance of the quality of feeds in listeriosis of sheep. V.I. Gershun. Trudy TVI 9:146-151 '65.

SHEEP—PARASITES see Parasites—Sheep

SHEEP BREEDING

(see also subdivision under Kazakhstan; Lvov Province; Tatar A.S.S.R.; Transbaikalia)

Interrelation between the live weight and the clip of wool, as well as between the clip and the length of wool in sheep. A.P. Lavronchenko. Sbor. nauch. rab. stud. Sar. zotekh.-vet. inst. 3:107-111 '65.

Nature of the inheritance of some biological characteristics by sheep in absorptive crossing. I.U. V. Shiperko. Izv. Kuib. SKhII 17:244-250 '65.

Results of the crossing of Tsigal ewes with English short-wool rams. P.I. Levitina. Trudy Mosk. vet. akad. 14:167-182 '65.

Rotation breeding in fine-wool sheep farming. A.A. Smirnov. Trudy Mosk. vet. akad. 14:122-131 '65.

SHEEP BREDS

Some characteristics of the growth of wool in kurdik sheep. V.I. Kiriukhina. Trudy Mosk. vet. akad. 14:234-239 '65.

SHEEP-DIP

MKU bathing unit. R. Kaplan, O. Tarakcheev, R. Saimun-chaliev. Tekh. v sel'khoz. 25 no. 3:32-34 Mr '65.

SHEEPSHEARING—EQUIPMENT AND SUPPLIES

(see also subdivision under Khakass Autonomous Province)

Machines and equipment for sheepshearing. V.E. Zashchitsyn. Trakt. i sel'khoz. mash. no. 6:34-35 Je '66.

SHEET METAL—CLEANING

Using rolls with a special shape of their surface on the roughing stand of a sheet-rolling mill for the removal of scale during the rolling process. I.M. Pavlov and others. Trudy MEI no. 61 pt. 1:221-231 '65.

SHEET METAL WORK

Automation of the polishing of stainless steel sheets. L.A. Lifshits, R.I. Markov. Mekh. i avtom. proizv. 20 no. 8:1-2 Je '66.

Blocks and die sets for trimming the walls of box-type parts. A.I. Natenko, I.S. Shvachkin. Kuz.-stano. proizv. 8 no. 6:45 Je '66.

Effect of the elastic deformation of the "machine - tool" system on the precision of manufacturing bottoms by roller burnishing. V.I. Zaleskii, I.U. I. Kozlov, V.A. Helen'kii. Vest. mashinost. 46 no. 6:61-63 Je '66.

General theory of final plastic deformations of sheet material. P.I. Polukhin, V.A. Rymov, G.A. Gun. Trudy MEI no. 61 pt. 1:11-15 '65.

Udby, M.I., N.A. Troshchenko, and I.N. Avramenko. [Roll method for the production of cold-rolled sheets] Rolovyy spsoby proizvodstva kholodnokatalnykh listov. Moskva, Metallurgiya, 1966. 140 p.

SHEET METAL WORKING MACHINERY

Ivanov, S.N. [Modern designs of high-speed automatic sheet-stamping presses; survey] Sovremennyye konstruktivnyye bystrokhodnykh listostampovochnykh press-avtomatov; obzor. Riga, Latvskii respubl. in-t nauchno-tekhn. informatsii i propagandy, 1965. 36 p.

SHEET STEEL—MAGNETIC PROPERTIES

Influence of rolling a cold-rolled transformer sheet with negative allowances on its electrotechnical properties. A.T. Perevalov and others. Met. i gornorud. prom. no. 3:53-54 My-Je '66.

SHELLS (ENGINEERING)

Carrying capacity of an axisymmetric spherical shell subjected to internal pressure and coupled with an open cylindrical sleeve. A.N. Semenov. Izv. vys. ucheb. zav. i mashinost. no. 4:27-33 '66.

Kan, S.N. [Structural mechanics of shells] Stroitel'-naya mekhanika obolochek. Moskva, Mashinostroyeniye, 1966. 507 p.

Performance of monolithic pressed shells on a soil mass. I.A. Dorman. Transp. stroi. 16 no. 6:48-49 Je '66.

Sinking shells by using a turbodrill. A.A. Baev, A.N. Nariman, I.U. I. Ovchinnikov. Transp. stroi. 16 no. 6:51-52 Je '66.

SHENNIKOV, ALEKSANDR PETROVICH, 1888-1962—
BIBLIOGRAPHY see Bibliography—Shennikov,
Aleksandr Petrovich, 1888-1962

SHEPHERD DOGS—TRAINING

Characteristics of training sheep dogs. I.U. N. P. Shchek-
kov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 5:100-102
My '66.

SHEPHERDS see subdivision under Turkmenistan

SHERIDAN, RICHARD BRINSLEY, 1751-1816

Our anniversary calendar. Knizh. torg. 17 no. 6:42-43
Je '66.

SHEVCHENKO, TARAS HRYHOROVYCH, 1814-1861— MUSICAL SETTINGS

[Shevchenko and music] Shevchenko i muzyka; zbirnyk
stati. Kyiv, Mystetstvo, 1966. 192 p.

SHEVCHENKO IN ART

Moscow. IUVlebia khudozhnaya vystavka, prysviachena 150-
richchiu z dnia narodzhennia T. H. Shevchenka. [Jubile
Art Exhibition dedicated to the 150th Anniversary of the
birth of T. H. Shevchenko] IUVlebia khudozhnaya vystavka,
prysviachena 150-ricchiu z dnia narodzhennia T. H. Shev-
chenka. Kyiv, Mystetstvo, 1965. 21 p. (chiefly illus.)
[In Ukrainian, Russian, and English]

SHIELDING (RADIATION)

Concrete shielding from gamma rays. V.D. Dubrovskii
and others. Atom. energ. 20 no. 5:425-426 My '66.

Dependence of the buildup factor on the position of the
detector behind the shielding. I.U. A. Kazanskii and
others. Atom. energ. 20 no. 5:424 My '66.

Penetration of gamma rays through the seams of compo-
site concrete shielding. V.B. Dubrovskii and others.
Atom. energ. 20 no. 5:426-427 My '66.

Shielding equipment. Izot. v SSSR no. 1:39-41 '65.

SHIGELLA

Etiology of dysentery-like diseases in adults. K.A. Moro-
zov. Voenn.-med. zhur. no. 5:48-50 My '66.

SHILOV, NIKOLAI ALEKSANDROVICH, 1872-1930

Ushakova, N.N. [Nikolai Aleksandrovich Shilov. Moskva,
Nauka, 1968. 132 p. (Nauchno-biograficheskaya seriya)]

SHIP HANDLING

Making use of winds and currents in bringing the ship
alongside the pier. A. Vasil'ev, V. Beloglavov. Rech.
transp. 23 no. 4:40-42 Ap '64.

SHIP PROPULSION

Vessels with propeller-motor units. G. Soldatova. Rech.
transp. 22 no. 8:50 Ag '64.

SHIP TRIALS

Girs, I.V., A.A. Rusetskii, and I.U. A. Netsvetlov. [Test-
ing the seaworthiness of ships] Ispytaniia morekhod-
nykh kachestv sudov. Leningrad, Sudostroenie, 1965.
238 p.

SHPBUILDING

Poplov, L.A. [Electrophysical and electrochemical
methods of processing materials in shipbuilding]
Elektrofizicheskie i elektrokhimicheskie metody
obrabotki materialov v sudostroenii. Leningrad,
Sudostroenie, 1965. 358 p.

SHIPBUILDING—ACCOUNTING

Unfinished production and the establishing of norms for
the internal working capital. V. Gracheva. Rech.
transp. 23 no. 4:48-50 Ap '64.

SHIPBUILDING—CONGRESSES

Scientific technical conference in Gorkiy. Rech. transp.
22 no. 8:56 Ag '64.

SHIPBUILDING—ECONOMIC ASPECTS

Economic aspects of the building of new ships. N. Belov,
V. Geller. Rech. transp. 23 no. 4:17-19 Ap '64.

SHIPBUILDING MATERIALS

Kuznetsov, V.A., G.I. Tsyganenko, and V.V. Ukovlev.
[High-strength cast iron in shipbuilding] Vysokoprech-
nyi chugun v sudostroenii. Leningrad, Sudostroenie,
1965. 113 p.

Large-scale chemistry in the fleet. V. Kuz'min. Rech.
transp. 22 no. 8:53 Ag '64.

SHIPPING—ABSTRACTS

[Water transportation] Ref. zhur.; Vod. transp. no. 5
My '66.

SHIPS—CATHODIC PROTECTION

Iossel', I.U. A., E.S. Kochanov, and M.G. Strunskii.
[Problems in the calculation and simulation of the
electrochemical protection of ships against corrosion]
Voprosy rascheta i modelirovaniia elektrokhimicheskoi
antikorroziionnoi zashchity sudov. Leningrad, Sudos-
troenie, 1965. 271 p.

SHIPS—EQUIPMENT AND SUPPLIES

Khetagurov, M.G. [Auxiliary mechanisms and systems
of ships] Sudovye vopomogatel'nye mekhanizmy i
sistemy. Izd. 3., perer. i dop. Moskva, Transport,
1966. 375 p. fol. diagrs. (insert)

SHIPS—MAINTENANCE AND REPAIR

In the Board of the Ministry of the River Fleet. Rech.
transp. 23 no. 4:44-45 Ap '64.

Ways of cost reduction in the ship repairing industry.
I. Gurevich. Rech. transp. 22 no. 8:25-27 Ag '64.

Zamakhovskaya, A.G., N.D. Kogan, and N.V. Lapina.
[Economics and the organization of ship repair]
Ekonomika i organizatsiia sudoremonta. Moskva,
Transport, 1966. 366 p.

SHIPS—WELDING

New mechanized methods of electric welding in ship
repair. Sh. Shleimovich. Rech. transp. 22 no. 8:28-29
Ag '64.

SHIPYARDS—SAFETY MEASURES

Ensure safe working conditions in ship repair. E. Koven-
skii. Rech. transp. 22 no. 8:29-30 Ag '64.

SHIRYAYEVO DISTRICT—COLLECTIVE FARMS—LAWS AND LEGISLATION

Observe the laws governing relations on collective
farms. G.M. Iasinikh. Sov. gos. i pravo 36 no. 6:
90-91 Je '66.

SHIVANDA (CHITA PROVINCE)—HEALTH RESORTS, WATERING PLACES, ETC.

Changes in the function of the external respiration in
patients with silicosis during treatment at the Shivanda
Health Resort. N.I. Krylova. Vop. kur., fizioter. i
tehn. fiz. kul't. 31 no. 2:136-140 Mr-Apr '66.

SHMIDT, PETER PETROVICH, 1867-1906

Sevastopol sonata. N.B. Kovalenko. Vop. ist. 41 no. 7:
110-119 Ji '66.

SHOCK

Effect of acute femoral arteriovenous anastomosis on the
hemodynamics under conditions of traumatic shock.
I.U. S. Garkusha-Bozhko. Trudy Kazakh. inst. klin. i
eksp. khir. AMN SSSR 11:143-148 '65.

Use of sodium thiosulfate in burn shock. F.I. Paris,
M.G. Petisov. Voenn.-med. zhur. no. 5:36-40 My '66.

SHOCK ABSORBERS

Effect of the shape and volume factor on the deformations
and strength of rubber during compression and bending.
B.L. Babitskii, L.E. Vinitskii, L.B. Belikov. Vest.
TSNII MPS 25 no. 3:50-52 '66.

SHOCK ABSORBERS—STANDARDS

Russin (1923- U.S.S.R.) Gosudarstvennyi komitet
standartov, mer i izmeritel'nykh priborov. [Dios for
cold forging; shock absorbers] Stantampy dlia kholodnoi
stamповки; bufernye ustroistva (MN 4654-63—MN
4665-63). Moskva, Izd-vo Standartov, 1964. 106 p.
(Soviet, Normall mashinostroyeniia)

SHOCK ABSORBERS—TESTING

Determining shearing rigidity of compressed rubber shock
absorbers. V.L. Biderman, N.A. Sukhova. Izv. vys.
ucheb. zav. i mashinost. no. 4:52-54 '66.

SHOCK WAVES

Propagation of the shock waves in a gas-dust medium.
Pt. 2. E.A. Gidalevich. Astron. zhur. 43 no. 3:553-
555 My-Je '66.

SHOE INDUSTRY see subdivision under Lida (White Russia); Vitebsk

SHOE INDUSTRY—EXHIBITIONS

Special item show at the Exhibition of Achievements of
the National Economy of the U.S.S.R.; V.N. Khodosova.
Kozh.-obuv. prom. 7 no. 2:37-38 F '65.

SHOE INDUSTRY—MANAGEMENT

Specialization indices in the shoe industry. Report No. 1.
V.A. Afanasiev, T.A. Gryzlova. Izv. vys. ucheb. zav. i
tekh. leg. prom. no. 2:20-31 '66.

SHOE MACHINERY

Determining the optimum capacity and economic efficiency
of AZU automatic loading units for the continuous machi-
nery for shoe manufacture. G.A. Pliskorski, L.A. Ton-
kovid. Izv. vys. ucheb. zav. i tekh. leg. prom. no. 2:153-
159 '66.

SHOE MACHINERY—TESTING

Analysis of the operative efficiency of multiple-operation
machinery under conditions of conveyorized continuous
lines. I.A. F. Cherednichenko, I.I. Kapustin. Izv. vys.
ucheb. zav. i tekh. leg. prom. no. 2:16-19 '66.

SHOE MANUFACTURE

Analysis of the factors affecting crease formation in
shoe materials. A.N. Kalita, I.U. P. Zybin. Izv. vys.
ucheb. zav. i tekh. leg. prom. no. 2:108-112 '66.

SHOE MANUFACTURE (Continued)

Design of house shoes with a knit stocking base. I. IU. Iusufov and others. *Izv. vys. ucheb. zav. ; tekhn. leg. prom.* no. 2:121-125 '66.

[Leather footwear, basic and auxiliary materials and supplies] *Obyuv' kozhanaya, osnovnye i vspomogatel'nye materialy i furnitura*. Izd. Odesk. gos. univ. Moskva, Izd-vo Standartov, 1966. 650 p. 2 inserts (SSSR, Gosudarstvennyye standarty)

Methods of footwear, the interior shape of shoes. Report No. 3. V. A. Fukin, IU. P. Zybina. *Izv. vys. ucheb. zav. ; tekhn. leg. prom.* no. 2:113-120 '66.

Relaxation of stresses in leather. Report No. 1. N. A. Shestakova, N. V. Chernov. *Izv. vys. ucheb. zav. ; tekhn. leg. prom.* no. 2:39-95 '66.

Studying the method of material cutting on automatic presses. Report No. 2. V. A. Zhdan-Pushkin, IU. P. Zybina. *Izv. vys. ucheb. zav. ; tekhn. leg. prom.* no. 2:144-152 '66.

Zybina, IU. P. [Manufacture of leather articles; shoes and their manufacture] *Konstruirovaniye izdelii iz kozhi i obuv' i ee konstruirovaniye*. Izd. 2. Moskva, Legkaya Industriya, 1966. 319 p.

SHOE MANUFACTURE—PRODUCTION STANDARDS

Methodology of determining the labor input for production in the enterprises of light industry. D. S. Inozemtsev. *Kozh.-obuv. prom.* 7 no. 2:4-7 F '66.

SHOE MANUFACTURE—QUALITY CONTROL

Some problems in the development of the system of information on the quality of leather and shoe industry products. V. P. Nesterov. *Izv. vys. ucheb. zav. ; tekhn. leg. prom.* no. 2:126-133 '66.

SHOOTING CONTESTS

Gushchin, A. P. [Target shooting with a small-caliber pistol and revolver] *Sportivnaya strel'ba iz malokalibernogo piistoleta i revolyura*. Moskva, Izd-vo DOSAAF, 1965. 132 p.

On the eve of the 30th world championship contest. O. Zhigutov. *Voen. znan.* 42 no. 6:40 Je '66.

The prize of the magazine was won by the Moscow team. *Voen. znan.* 42 no. 6:39 Je '66.

SHORE PROTECTION

(see also subdivision under Suez Canal)

Study of the dynamic stability of submerged sandy slopes. D. Rasha. *Rech. transp.* 22 no. 8:42-43 Ag '64.

SHORE LINES

Method of calculating the height of waves on a deep sea taking into consideration the shoreline. IU. M. Krylov. *Trudy Soluz'MorNIIProekt* no. 8:5-32 '65.

SHORT CIRCUITS

Calculation of short-circuit windings in electrical systems with ratings exceeding 1000 volts. D. I. Rozinskiy, A. M. Mantlov. *Energetik* 14 no. 9:29-30 Je '66.

SHORTHAND—STUDY AND TEACHING

In the Ministry of Education of the R.S.F.S.R., Nar. obr. no. 6:122-123 Je '66.

SHOSTAKOVICH, DMITRII DMITRIYEVICH, 1906-

Vanslov, V. V. [The works of Shostakovich; for his 60th birthday] *Tvorchestvo Shostakovicha; k 60-letliu so dnia rozhdeniya*. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. VI Seriya: Literatura i iskusstvo, no. 10)

SHOULDER GIRDLE

Skeleton of the thoracic girdle and wing of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. T. S. Saburova. *Trudy TVI* 9:41-50 '65.

SHOW WINDOWS

A painter's advice. IU. Arkhangelskiy. *Knizh. tovg.* 17 no. 6:26 Je '66.

SHRUBS

Ornamental forms of some shrubs in the Central Urals. T. R. Rii'. *Trudy Inst. biol. UFAN SSSR* no. 47:71-77 '65.

SIALIC ACIDS

Comparative histochemistry of epithelial mucins containing sialic acid. V. B. Potapova, V. V. Vinogradov. *Arkhn. anat., gist. i embr.* 50 no. 3:28-33 Mr '66.

SIBERIA—ANEMONES

Anatomical structure and histochemical study of *Anemone dichotoma* d. V. V. Petrova. *Lek. i syr. res. Irk. obl.* no. 4:35-62 '65.

SIBERIA—BINDING MATERIALS

Conference on the resources of raw materials for the manufacture of binding materials in Siberia and the Far East. G. D. Uryayeva. *Zhur. VKHO* 11 no. 3: 341-342 '60.

SIBERIA—BREAM

Bream acclimatization in Siberia. I. P. Shilo. *Ryb. khoz.* 42 no. 5:18-19 '66.

SIBERIA—COOPERATIVE SOCIETIES

Kriger, V. A., I. I. Kur'lan, and M. K. Iakovenko. [Cooperatives of eastern Siberia; a concise historical study] *Potrebitel'skaya kooperatsiya Vostochno-Sibirsk; kratkii istoricheskiy ocherk*. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 62 p.

SIBERIA—HEDGE NETTLE

Anatomy and phytochemistry of *Stachys baicalensis* (Fisch). M. P. Shymalova. *Lek. i syr. res. Irk. obl.* no. 4:32-45 '65.

SIBERIA—HISTORICAL RESEARCH

In the party archives of Siberia and the Far East. M. V. Gribennikov. *Vop. ist. KPSS* 10 no. 7:149-152 Ji '66.

SIBERIA—ICE ON RIVERS, LAKES, ETC.

Methodology of forecasting the dates of the appearance of ice on rivers 10-15 days ahead of time. E. I. Savchenkov. *Trudy TSIP* no. 151:3-33 '65.

SIBERIA—JOURNALISM, MILITARY

They tell servicemen about the five-year plan. *Komm. Vooruzh. Sil* 47 no. 14:91-92 Ji '66.

SIBERIA—LITERATURE

Kungurov, G. F. [Siberia and literature] *Sibir' i literatura*. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 202 p.

SIBERIA—PUBLIC HEALTH

The development of medical services in Siberia and the Soviet Far East. G. E. Shul'ts. *Soob. Inst. po izuch. SSSR* no. 4:28-36 '65.

SIBERIA—RUSSIAN SOCIAL DEMOCRATIC PARTY

Contacts of V. I. Lenin's "Iskra" with the organizations of the Social Democratic Party in Siberia before and during the Second Congress of the Russian Social Democratic Party. B. V. Mitupov. *Trudy BKNII* no. 10:114-120 '62.

Revolutionary organizations of Irkutsk youth. M. Parina-kova, A. Iakimov. *Trudy BKNII* no. 10:111-113 '62.

SIBERIA—SEA BUCKTHORN

Anatomical construction of the root of sea buckthorn. V. B. Meleshko. *Lek. i syr. res. Irk. obl.* no. 4:35-43 '65.

SIBERIA—SWEET COLTSFOOT

Some materials on chemical study of individual types of *nardosmia*. V. I. Glyzin. *Lek. i syr. res. Irk. obl.* no. 4:63-71 '65.

SIBERIA, EASTERN—ACONITE—TOXICOLOGY

Study of the toxicity of aconites growing in Eastern Siberia. S. D. Dobrzinskiy. *Lek. i syr. res. Irk. obl.* no. 4:131-138 '65.

SIBERIA, EASTERN—BIRTHWORT

Biology of *Corydalis sibirica* (L. F.) Pers. and *Corydalis impatiens* (Pall.) Fisch. growing in Eastern Siberia. V. V. Teliatov. *Lek. i syr. res. Irk. obl.* no. 4:82-91 '65.

SIBERIA, WESTERN—AFFORESTATION

Orlovskiy, V. V. [Forest plantations in Western Siberia] *Lesnoye khoz'ya Zapochno-Sibirsk*. Moskva, Nauka, 1966. 186 p. (DNL)

SIBERIA, WESTERN—ATMOSPHERIC TEMPERATURE

Formation of extremely warm and cold autumn months in Western Siberia and northern Kazakhstan. A. V. Babkin. *Trudy TSIP* no. 147:138-154 '66.

Method of forecasting anomalies of the air temperature for the autumn months in Western Siberia and northern Kazakhstan. A. V. Babkin. *Trudy TSIP* no. 153:3-21 '66.

Physico-statistical method of forecasting air temperature anomalies in Western Siberia and northern Kazakhstan during the autumn months. A. V. Babkin. *Trudy TSIP* no. 153:90-95 '66.

SIBERIA, WESTERN—GAME AND GAME BIRDS

[A hunter's book] *Kniga okhotnika*. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1966. 276 p.

SIBERIA, WESTERN—HUNTING

[A hunter's book] *Kniga okhotnika*. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1966. 276 p.

SIBERIA, WESTERN—INFLUENZA

Epidemiological and virological characteristics of an influenza outbreak in Western Siberia. T. A. Slivchenko and others. *Voen.-med. zhur.* no. 12:50-53 D '65.

SIBERIA, WESTERN—NATURAL RESOURCES

Utilization of the natural resources of the West Siberian Lowland as a major complex regional problem of the new five-year plan. M. I. Pomnis. *Izv. AN SSSR, Ser. geog.* no. 3:52-65 My-Je '66.

SIBERIA, WESTERN—OIL RESERVOIR ENGINEERING

Hydraulic relationship between the basic producing layers in fields of the Surgut petroliferous region (Western Siberia). IU. P. Gattenberger and others. *Neftogaz. geol. i geofiz.* no. 5:34-36 '66.

SIBERIA, WESTERN—OIL WELL DRILLING

Economic evaluation of drilling methods in developing the West Siberian oil fields. N. G. Bliznova. *Ekon. nefteob. prom.* no. 2:10-18 '66.

SIBERIA, WESTERN—PETROLOGY

Regeneration of quartz and petrology of feldspars in the oil- and water-bearing sandstones of the West-Halyk oil field (Western Siberia). G. E. Prozorovich, Z. L. Valtchenchik. *Dokl. AN SSSR* 168 no. 4:893-895 Ja '66.

SIBERIA, WESTERN—RAILROADS—FREIGHT

Improving the planning of freight transportation on the West Siberian Railroad. I. F. Trubnikov and others. *Zhel. dor. transp.* 40 no. 5:60-72 My '66.

SIBERIA, WESTERN—SOILS—TESTING

Investigating humid water-saturated soils in a non-stabilized state. V. I. Guseva. *Avi. dor.* 39 no. 8: 22-23 Je '66.

SIBERIA, WESTERN—SOLONETZ SOILS

Migutskiy, A. S. Ways of reclaiming and increasing the productivity of Solonetz soils in Western Siberia [but osvobodit i povyshe nitia plodородit solonetsovykh pochv Zapadno-Sibirsk]. Moskva, Koles, 1966. 151 p. (DNL)

SIBERIA, WESTERN—STREAM MEASUREMENTS

Cyclicality of the annual flow of the West Siberian rivers. N. I. Kuznetsov. *Izv. Vses. geog. ob-va* 98 no. 2: 160-166 Mr-Apr '66.

SIBERIAN PLATFORM—ROCKS, IGNEOUS—CONGRESSES

All-Union Conference on the Petrology of Trap Rocks in the Siberian Platform. G. V. Nesterenko. *Geokhimiya* no. 10:1266-1267 O '65.

SIBERIAN PLATFORM—TRACE ELEMENTS

Rare elements in trap rocks of the Siberian Platform. G. V. Nesterenko, N. S. Avilova, N. S. Smirnova. *Geokhimiya* no. 10:1015-1021 O '64.

SICK LEAVE

For those who are going for a cure. *Sov. profsoyuz* 22 no. 13:42-43 Ji '66.

SIEMENS-MARTIN FURNACE see Open-hearth process

SIEROZEM

Evaporation of moisture in dry-farming on Sierozem soils. M. I. Rubinshteyn. *Vestn. nauch. sots. (Kazakh.)* 9 no. 6:24-26 Je '66.

SIGNAL THEORY (TELECOMMUNICATION)

Accuracy of the simultaneous evaluation of two parameters of a radio signal with correlated noise background. A. L. Doktorov. *Radiotekh. i elektron.* 11 no. 7:1312-1314 Ji '66.

Conditions of oscillation stability with noise frequency modulation. V. V. Rykov. *Radiotekh. i elektron.* 11 no. 7:1315-1316 Ji '66.

Effect of a high-frequency load on the nonlinearity of a crystal detector during the measurement of the fluctuations of the amplitude of a harmonic signal. L. I. Borisova, A. P. Esmel'yanov, S. S. Karalevskiy. *Radiotekh. i elektron.* 11 no. 7:1311-1312 Ji '66.

SIGNALS AND SIGNALING

The new SPOM-1 type visual pulsed signaling devices. N. Galashov, D. Lobov. *Rech. transp.* 23 no. 4:43 Ap '64.

SIGNED NUMBERS

Equivalence of positive and negative numbers. A. V. Shubnikov. *Vop. filoz.* 20 no. 6:53-58 '66.

SILAGE

Changes in some blood indices in dairy cows due to feeding them corn silage. M. I. Matoshkin. *Trudy TVI* 9:181-183 '65.

Digestibility and balance of nutrients in experiments with sheep fed natural and deacidified corn silage. P. A. Kormshchikov, A. K. Mishchenko. *Trudy TVI* 9:228-232 '65.

Digestibility of rations, and nitrogen and mineral metabolism in experiments with milk cows fed natural and deacidified corn silage. P. A. Kormshchikov. *Trudy TVI* 9:212-219 '65.

Effect of deacidified silage and sugar beets on the composition of the colostrum and milk of cows. E. M. Buevich. *Trudy TVI* 9:245-252 '65.

Milk of cows fed deacidified corn silage. E. M. Buevich. *Trudy TVI* 9:238-244 '65.

SILAGE (Continued)

Some methods for growing sugar sorgho for silage. N.S. Shchibaev, V.N. Ogurtsov. Izv. KUB. SKH 11:197-111 '65.

Use of brown algae in silage. Z.I. Podlesnaya. Uch.zap. Ped. inst. Gerts. 312:366-376 '65.

SILANE

Hydrolysis reactions of higher dialkylchlorosilanes in the presence of hydrogen chloride acceptor. K.A. Andrianov, B.A. Izmailov. Izv. AN SSSR. Ser. Khim. no. 6:1102-1104 '66.

Monosilanes. Part 5: Association with dimethylformamide studied by means of proton magnetic resonance. L.E. Saratov, V.O. Reikhsfel'd. Zhur. ob. khim. 36 no. 6:1969-1974 Je '66.

Polymerization of triethylthiylsilane on $(C_2H_5)_3Al$. $TiCl_4$ catalyst. O.A. Novikova, V.N. Kuznetsova, K.A. Korniev. Dop. AN URSR no. 5:627-628 '66.

Reaction of triorganyl hydride silanes with chlorine-substituted carboxylic acids. N.P. Orlov, L.N. Sesar'. Zhur. ob. khim. 36 no. 6:1978-1982 Je '66.

SILANE--SPECTRA

Proton magnetic resonance of methylchloromethyldivinyl-hydroxysilane. P.V. Petrovskii and others. Zhur. struk. khim. 7 no. 2:274-277 Mr-Apr '66.

SILENE see subdivision under Irkutsk Province

SILICA

Determining iron and silicon dioxide admixtures in technical calcium borate. A.A. Kutarkina, A.A. Moshkina, M.D. Chetverkina. [Trudy] UNIKHIM no. 11: 78-80 '64.

SILICATES

Calculation of the heats of silicate fusion. B.I. Arluk. Zhur. prikl. khim. 39 no. 5:1196-1198 My '66.

Study of the mineral formation in the open $H_2O-Na_2O-SiO_2-Al_2O_3$ system. I.P. Ivanov. Geokhimiia no. 10: 1212-1222 O '65.

SILICIC ACID

Use of the X-ray diffraction method of investigating the molecular structure of silicic acid hydrates. B.M. Mitsuk and others. Zhur. struk. khim. 7 no. 2:230-234 Mr-Apr '66.

SILICOMOLYBDIC ACIDS

Diazonium salts of silicomolybdic and ceriomolybdic heteropoly acids. V.P. Sagalovich and others. Dokl. AN SSSR 168 no. 4:832-835 Je '66.

SILICON

Determination of silicon in low-mineral waters. A.A. Matveev, O.I. Bashmakova. Gidrokhim. nat. 30:153-157 '65.

Processes of interaction of silicon surface with fluorine and hydrogen fluoride. V.V. Timpkina, N.S. Guseva. Zhur. fiz. khim. 40 no. 5:1064-1069 My '66.

Spectral method of silicon and iron determination in cryolite and aluminum fluoride. L.K. Ponomareva, V.I. Zabludko, A.I. Aleshechikina. [Trudy] UNIKHIM no. 11:59-61 '64.

SILICON-ALUMINUM ALLOYS--ELECTROMETALLURGY

Certain intermetallic compounds in the carbothermic production of silicon-aluminum alloys. E.G. Safonova. Syr. res. leg. met. Vost. Sib. 5:112-116 '65.

Efficiency of the production of silicon-aluminum alloys by the carbothermic method. E.I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:102-111 '65.

SILICON DIODES

Fal'shteyn, S.M. [Preparation of the surfaces of semiconductor devices] Obrabotka poverkhnosti poluprovodnikovykh priborov. Moskva, Energiia, 1966. 255 p.

Reactive characteristics of reverse-biased silicon p-n junctions. G.B. Abdullaev and others. Radiotekh. i elektron. 11 no. 7:1336-1337 Ji '66.

Seminar on "Regulated silicon rectifiers (thyristors) in electrical drives and industrial automatic control systems." V.A. Novikov, K.G. Skuchko. Izv. vys. ucheb. zav. energ. 9 no. 5:131 My '66.

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON ORGANIC COMPOUNDS see Organosilicon compounds

SILK WORMS

(see also subdivision under Chechen-Ingush A.S.S.R.) Effect of high sublethal temperature on tanned lines and interlinear hybrids of the mulberry silkworm and the Chinese tussah moth. V.G. Shakhbazov, A.T. Popel'. Uch.zap. KHGU 140:25-28 '63.

Effect of temperature and light on the development of Chinese tussah moth pupae. I.M. Zolotovskaya. Dop. AN URSR no. 5:673-676 '66.

SILK WORMS--BIOLOGICAL CONTROL

Role of the small forest beetle *Calosoma inquisitor* in the change in the number of silkworms. M.A. Golosova. Sbor. rab. MLTI no. 11:88-94 '64.

SILK WORMS--DISEASES

Structure of DNA isolated from silkworms infected with nucleic polyhedrosis virus. A.V. Chystakova, I.I. M. Dobrovolskii, I.P. Kok. Dop. AN URSR no. 5:643-646 '66.

SILOXANES

Polymerization of octamethylcyclotetrasiloxane in the presence of α,ω -disodiumhydroxymethylphenylsiloxanes. K.A. Andrianov, M.A. Sipiagina. Vysokom. soed. 8 no. 6:1113-1116 Je '66.

Polymerism of molecules and complex ions in oxygen compounds of silicon and phosphorus. Report No. 5: Phase transitions and molecular structure of cyclic dimethylpolysiloxanes. Izv. AN SSSR. Ser. Khim. no. 5: 983-990 '66.

Thermal degradation of 3, 3, 3-trifluoropropyl (methyl) siloxanes. S.N. Novikov, E.G. Kagan, A.N. Pravednikov. Vysokom. soed. 8 no. 6:1015-1017 Je '66.

SILVER

Capitalist silver market. Z. Markova. Den. i kred. 24 no. 6:81-82 Je '66.

Heats of oxygen chemisorption on silver. V.E. Ostrovskii, M.I. Temkin. Kinet. kat. 7 no. 3:529-534 My-Je '66.

SILVER--PHYSIOLOGICAL EFFECT

Changes in the argyrophil substance of the coats of the eyeball in radiation sickness. V.M. Abdullaev. Trudy Azerb. nauch. issl. inst. or. 4:108-112 '63.

SILVER AZIDE--THERMAL PROPERTIES

Modification of the physicochemical properties of solids by addition agents. Part 7: Effect of heterophase semi-conducting admixtures on the thermal stability of silver azide. I.U. A. Zakharov and others. Kinet. kat. 7 no. 3: 425-431 My-Je '66.

SILVER CATALYSTS

Kinetics of methanol conversion on a silver catalyst. A.I. Vitvitskii, I.P. Mukhlenov, A.A. Averbukh. Zhur. prikl. khim. 39 no. 5:1124-1130 My '66.

SILVER CHLORIDE CRYSTALS--SPECTRA

Stabilization of silver chloride crystals to protect them from the effect of solar radiation. M.P. Shaskol'skaya, G.F. Dobrzanskii. Dokl. AN SSSR 168 no. 4:804-805 Je '66.

SILVER CRYSTALS--GROWTH

Surface-active agents subjected to the action of an ultrasonic field as influencing the growth of the electrolytic silver single crystal. A.M. Glnberg, I.U. E. Titov, A.T. Vagramien. Elektrokhiimiia 2 no. 6:739-741 Je '66.

SILVER IONS

Complex formation of silver ions with a hexachlorohydroate ion. A.V. Belinov, B.V. Pittayn. Izv. SO AN SSSR no. 3. Ser. Khim. nauk no. 1:136-138 '66.

SILVER ISOTOPES

Low-lying energy levels of Ag^{108} . I.V. Estulin. Izd. fiz. 4 no. 1:22-26 Ji '66.

SILVER NITRATE

Formation of nuclei of a crystal in the electrolysis of fused salts. Part 2: Electrolysis of pure fused silver nitrate. A.N. Baraboshkin, L.P. Konkhin, N.A. Saltykova. Trudy Inst. elektrokhiim. UPAN SSSR no. 7:47-58 '63.

SIMAZINE

Aftereffects of simazine. E.A. Amantsev, I.U. P. Azhigov. Vest. sel'khoz. nauk [Kazakh.] 9 no. 6: 77-78 Je '66.

SIMFEROPOL--PROFIT

Give more attention to profit. Z. Bolko, F. Rubinshtein. Fin. SSSR 40 no. 6:49-51 Je '66.

SIMMENTHAL CATTLE

Effect of the level of feeding during growing periods on the formation of the body type and milk productivity of cattle crossed with the Simmenthal breed. A.S. Andreev. Vest. sel'khoz. nauk [Kazakh.] 9 no. 5:26-28 My '66.

SIMON, Archbishop of Vinnitsa, 1888-1966

Archbishop Simon; obituary. Bishop Alipii. Zhur. Mosk. Patr. no. 5:21-23 '66.

SIMONI, PAVEL KONSTANTINOVICH, 1859-1939

P.K. Simoni, collector and editor of Russian folklore. M.I.A. Mel'ta. Trudy Inst. etn. 91:82-181 '65.

SIMULATION METHODS

Electronic simulation of the crushing cycle in the ore dressing process for the purpose of its automation. Zh. M. Sakhaev. Vest. AN Kazakh. SSR 22 no. 6:48-58 Je '66.

Model and experiment. V.A. Shtoff. Nek. vop. metod. nauch. issl. no. 1:101-136 '65.

SINGAPORE--COMMERCE--RUSSIA

Trade treaties and agreements. Vnesh. torg. 46 no. 6: 52-55 '66.

SINGLE-RAIL RAILROADS see Railroads, Single-rail

SINIAVSKI, ANDREI DONAT'EVICH, 1925-

[At the trial of A. Shnyavsky and Yu. Danil] Siniauskii i Danil'skaia skam'e podsudimnykh. New York, Mezhdunarodnoe literaturnoe sdruzhество, 1966. 128 p. [In French and Russian]

SINTERING

Changes in the phase constitution of complex kaolin-nepheline charge mixtures during sintering. G.V. Kuz'mina, E.I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:31-37 '65.

Comparative evaluation of the efficiency of aluminum production from aluminosilicates by the sintering of various composition charge mixtures. E.I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:93-95 '65.

Effect of the parameters of gas flow on the resistance of a layer being sintered by the drawing through method. V.P. Puzanov, V.I. Korotich. Izv. vys. ucheb. zav. i Chern. met. 9 no. 6:58-62 '66.

Methods of measuring electric conductivity for the purpose of studying sintering processes of alumina-containing mixtures. N.M. Droboi, E.I. Khazanov. Syr. res. leg. met. Vost. Sib. 5:54-61 '65.

Optimum gas permeability of a sinter charge and conditions of fuel combustion in it. G.G. Efimenko, S.P. Efimov. Izv. vys. ucheb. zav. i Chern. met. 9 no. 6:41-45 '66.

Technology of sintering and the quality of open-hearth sinter obtained through heat treatment. A.V. Rostomberskii and others. Met. i gornorud. prom. no. 3:9-13 My-Je '66.

SINTERING--COSTS

Methods of calculating the costs of alumina production from complex charge mixtures by sintering. E.I. Khazanov, V.P. Gukov. Syr. res. leg. met. Vost. Sib. 5:84-92 '65.

SINTERING--EQUIPMENT AND SUPPLIES

Using semicoke as fuel for iron-ore sintering. V.A. Arbutov and others. Met. i gornorud. prom. no. 3: 6-3 My-Je '66.

SISAKIAN, NORAIR MARTIROSOVICH, 1907-1966

Norair Martirosovich Sisakian. O.P. Osipova, M.N. Zaprometov. Fiziol. rast. 13 no. 3:556-557 My-Je '66.

SIVASH REGION (UKRAINE)--LOESS

Redistribution of some chemical elements in the hypergenesis of loesslike rocks in the Sivash region. V.A. Suprychev. Dokl. AN SSSR 168 no. 4:911-913 Je '66.

SIVASH REGION (UKRAINE)--TRACE ELEMENTS

Redistribution of some chemical elements in the hypergenesis of loesslike rocks in the Sivash region. V.A. Suprychev. Dokl. AN SSSR 168 no. 4:911-913 Je '66.

SKIM MILK

Apparatus for processing skim milk. I. Lev. Tokh. v sel'khoz. 25 no. 3:31-32 Mr '65.

SKIN

Development of hair follicles in the south Kazakh Merino sheep as related to the conditions of feeding. G.N. Kodymiazov, L.I. Tsol, S.A. Tleuberdiev. Vest. sel'khoz. nauk [Kazakh.] 9 no. 6:83-86 Je '66.

Elements of photomicrography of the human skin. O.V. Perov. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 2: 151-154 Mr-Apr '66.

Formation of mast cells in the skin of white rats. V.V. Vinogradov. Blud. eksp. biol. i med. 61 no. 6: 107-111 Je '66.

Histological structure of the skin of goats. E.V. Gaeval. Trudy Mosk. vet. akad. 14:243-254 '66.

SKIN--DISEASES

Effect of hormones on the reparative process in the skin under gamma irradiation. A.I. Buhonova. Med. rad. 11 no. 5:38-43 My '66.

SKIN--INNERVATION

Importance of the nonspecific reactivity of the skin and the reactivity of the organism in clinical practice. T.O. Zhivania. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 3:270-286 '69.

SKIN--TUMORS

Formation of a model of an experimental skin tumor in dogs. K.D. Eristavi, G.E. Georgadze, L.K. Shara-shidze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 3:18-28 '69.

SKIN--WOUNDS AND INJURIES

Effect of pillar cycles and preliminary administration of urethane on changes in the skin produced by beta radiation. E.N. Karnaukhova, V.S. Tarasov. Arkh. anat. i gist. embr. 50 no. 3:66-67 Mr '66.

SKIN EFFECT

Theory of the nonlinear skin effect. M.I. Kiselev, K.P. Stanukovich, Teplofiz. vys. temp. 4 no. 1:87-91 Jan-F '66.

SKIN GRAFTING

Homografting of the skin in the treatment of granulating wounds. V.F. Zhupan. Voen.-med. zhur. no. 12:70-71 D '65.

Skin autografting with the aid of dermatome following extensive and deep thermal burns. N.A. Zolotukhin. Voen.-med. zhur. no. 12:44-45 D '65.

Tolerance developed in skin homoplasty performed on adult rats with the use of acellular antigens from several donors. A.I. Afonov. Dokl. AN SSSR 168 no. 4: 959-962 Je '66.

SKULL

Skeleton of the head of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. N.I. Akhievskii. Trudy TVI 9:3-17 '65.

SKULL—TUMORS

Variations of the pain syndrome in eosinophilic granuloma of the skull bones. B.M. Rachkov. Zhur. nevrof. psikh. 66 no. 5:671-674 '66.

SKULL—WOUNDS AND INJURIES

Classification of closed traumas of the skull and brain. B.A. Samotkin. Voen.-med. zhur. no. 5:15-21 My '66.

Effect of infrared and ultraviolet rays on the healing process of skin wounds caused by X-ray irradiation. V.D. Abdullaev. Azerb. med. zhur. 43 no. 4:23-27 Ap '66.

Materials on morphology of subarachnoid hemorrhages in acute craniocerebral trauma. I.V. Vinogradov. Voen.-med. zhur. no. 5:25-27 My '66.

State of arterial pressure in late sequelae of closed craniocerebral traumas. F.M. Lisitskaya. Voen.-med. zhur. no. 5:28-30 My '66.

SLABS—DESIGN AND CONSTRUCTION

Designing continuous orthotropic slabs on unyielding and on elastic supports. T.A. Skriabina. Trudy MIT no. 227:79-90 '66.

Study of the simplest orthotropic slabs and methods of designing them. T.A. Skriabina. Trudy MIT no. 227: 68-78 '66.

SLAG

Okunev, A.I., L.A. Kost'lanovskii, and P.A. Donchenko. [Fuming of slags; theory and practice, Fluimigovaniye shlakov; teoriya i praktika. Moskva, Metallurgiya, 1966, 258 p.

Preparing acid-resistant and wear-resistant castings on a blast-furnace slag basis. I.U. Kruchinin. Stek. i ker. 23 no. 6:16-19 Je '66.

Technological requirements of the process of pouring off slag from ladles. Avtom. upr. prots. silva ogn. shlaika iz kov. na mut. zav. no. 6:3-7 '65.

Viscosity characteristics of the slags of some coals used in power systems. M.I. Vdovenko, L.M. Ershina. Probl. teploenerg. i prikl. teplofiz. no. 2:66-73 '65.

SLAG—ANALYSIS

Connection between the structure of crystallized blast furnace slags and the physical properties of their melts. N.L. Zhilo, L.I. Bol'shakova. Izv. AN SSSR. Mat. no. 3:67-72 My-Je '66.

Sulfur absorbing properties of fluorine-containing slags. G.I. Zhmoldin and others. Izv. AN SSSR. Mat. no. 3:42-49 My-Je '66.

SLAG—TESTING

Investigating copper melting slags. M. Darbinian, R. Melioian. Prom. Arm. 9 no. 6:41-45 '66.

SLATE

Modernization of equipment for processing slate. S.V. Khmyrov. Stroil. mat. 12 no. 2:8-9 F '66.

SLAVE LABOR see subdivision under Germany

SLAVIC LANGUAGES—SENTENCES

Mei'nychuk, O.S. [Development of the structure of the Slavic sentence] Rozvytok struktury slov'ians'koho rechenia. Kyiv, Naukova dumka, 1966, 322 p.

SLAVOPHILISM

The national roots of Slavophilism and its place in the history of Russian thought. A.A. Galaktionov, P.F. Nikandrov. Vop. filos. 20 no. 6:120-130 '66.

SLAVS

Tret'yakov, P.N. [Results of archaeological study of the tribes of the Eastern Slavs] Ilogi arkhologicheskogo izucheniya vostochno-slavianskikh plemen. Moskva, Izd-vo Akad. nauk SSSR, 1958, 34 p.

SLEEP THERAPY

Use of the night's sleep at the sea in the compound health resort climatic treatment of patients with atherosclerosis on the south coast of the Crimea. M.IU. Akhmedzhanov. Vop. kar., fizioter. i lech. fiz. kult. 31 no. 2:107-112 Mr-Apr '65.

SLONIM (UKRAINE)—TIRES, RUBBER—RETRADING AND RECAPPING

There are potentialities in each working area. D. Koz'mov. Prom. Arm. 9 no. 5:10-11 '66.

SLONOV, IVAN ARTEM'EVICH, 1882-1945

Slonova, N.I. [Actor's honor; I.A. Slonov on the stage and in life] Chest' akterskai; I.A. Slonov na scene i v zhizni. Moskva, Iskustvo, 1966, 234 p.

SLOPES (PHYSICAL GEOGRAPHY)

Estimating the moisture of gentle slopes during the warm period of the year in the European part of the U.S.S.R. E.N. Romanova. Trudy GGO no. 190:19-31 '66.

Radiation balance of gentle slopes during the growing season. T.A. Golubova. Trudy GGO no. 190:32-40 '66.

Redistribution of moisture on gentle slopes and at their feet during the warm period of the year. E.N. Romanova. Trudy GGO no. 190:3-15 '66.

Temporal intensity of slope evolution. A.M. Trofimov. Izv. Vses. geog. ob-va 98 no. 2:166-169 Mr-Apr '66. Zaslavskii, M.N. [Soil erosion and farming on slopes] Eroziya pochv i zemledelie na sklonakh. Kishinev, Karla moldovenasko, 1966, 493 p. (DNAL)

SLOVAKIA—WORLD WAR, 1939-1945

Memorable landmark; for the 20th anniversary of the Slovak National Uprising. S. Pilchuk. Agitator no. 16: 29 Ag '64.

SLUSH ON PAVEMENTS, RUNWAYS, ETC.

Ice-covered ground should not confuse drivers. Avi. dor. 29 no. 6:31 Je '66.

SMALLPOX

Recent developments in the epidemiology of smallpox. V.D. Bellakov. Voen.-med. zhur. no. 5:41-47 My '66.

SMALLPOX—PREVENTION

Experimental substantiation of chemoprophylaxis of smallpox. S.S. Naremkova and others. Biul. eksp. biol. i med. 61 no. 6:69-71 Je '66.

SMALLPOX IN ANIMALS

Morphology of swine pox viruses in negative staining. E.I. Skalskii, I.U. F. Borisovich. Vop. vet. virus. 2:217-223 '66.

Pathogenicity and immunogenesis of smallpox viruses in experimental infection. V.V. Gumenkov, V.N. Shurin. Vop. vet. virus. 2:375-380 '66.

Spectrum of the sensitivity of tissue cultures and the chorionallantois of chicken embryos to various small-pox viruses. V.V. Gumenkov, V.N. Shurin. Vop. vet. virus. 2:380-386 '66.

Thermoresistance and hemagglutinative activity of smallpox viruses. V.V. Gumenkov, V.N. Shurin. Vop. vet. virus. 2:386-391 '66.

SMELTS see subdivision under Kandakaksha Bay

SMOKE

Application of a solution of the diffusion equation to the problem of the spreading of dust and gases from chimneys. S. Korymsakov. Izv. AN Uz. SSR. Ser. lekhn. nauk 10 no. 3:71-72 '66.

SMOKED FISH see Fish, Smoked

SMOLENSK PROVINCE—AGRICULTURAL ADMINISTRATION

A secretary of a district committee of the party. N. Antonov. Komunist 43 no. 9:33-43 Je '66.

SMOLENSK PROVINCE—BOARDING SCHOOLS

Let us study as well as we can. A. Komratnikov. Nar. obr. no. 6:27-28 Je '66.

SMUTS

Effect of corn varieties and hybrids on changes in the parasitic activity of the fungus causing common smut. M.I. Nikolaeva. Biul. Ob-va estestvoispyt. 13:39-37 '64.

SNAKES

(see also subdivision under Soviet Central Asia)

Study of the general effect and toxicity of the venom of Vipera ursini. V.K. Luzhinski, S.R. Semenov. Lek. i syr. res. Irk. obl. no. 4:162-164 '65.

Study of the general effect and toxicity of the venom of vipers of the Anelatrodon genus. V.K. Luzhinski, S.R. Semenov. Lek. i syr. res. Irk. obl. no. 4:158-161 '65.

SNOUT BEETLES see subdivision under Soviet Central Asia

SNOW

Meliorative utilization of snow and geomorphological processes. G.V. Zanin. Izv. AN SSSR. Ser. geog. no. 3:49-51 My-Je '66.

SNOW—COMPOSITION see subdivision under Kama Reservoir; Volzhsk Reservoir

SNOW REMOVAL—EQUIPMENT AND SUPPLIES

Turbine snowplow. Doh. i obog. rad. telet. met. no. 3: 46-47 '64.

SOBACHKO, HANNA FEDOSIIVNA (SHOSTAK), 1893-

Mestechkin, G.A. Hanna Sobachko, Kyiv, Myetetalvo, 1965, 48 p. [Text in five languages] (RPR)

SOBOLEV, LEONID GENNAD'EVICH, 1916-1966

Leonid Gennad'evich Sobolev, 1916-1966; obituary. Meteor. i gidrol. no. 6:70-71 Je '66.

SOCHI—BANKS AND BANKING

The State Bank and the economy of a resort city. M. Katsuba. Den. i kred. 24 no. 6:54-57 Je '66.

SOCHI—CIVIC IMPROVEMENT

The State Bank and the economy of a resort city. M. Katsuba. Den. i kred. 24 no. 6:54-57 Je '66.

SOCHI—POSTAL SERVICE

New post office in a resort town. V.N. Konstantinov. Vost. aviaz. 26 no. 3:31 Mr '66.

SOCIAL CLASSES see subdivision under Africa

SOCIAL GROUP WORK

For well-organized cultural and public services in rural areas. Part. zhizn' no. 15:74-76 Ag '66.

The libraries can lend their assistance too. V. Kodyakova. Bibliotekar' 43 no. 7:1-4 Ji '66.

SOCIAL INSURANCE see Insurance, Social

SOCIAL LEGISLATION

Function of social action of an imperialist state. M.V. Baglai. Sov. gos. i pravo 36 no. 6:77-85 Je '66.

SOCIAL POLICY

Function of social action of an imperialist state. M.V. Baglai. Sov. gos. i pravo 36 no. 6:77-85 Je '66.

SOCIAL PSYCHOLOGY

Porshnev, D.F. [Social psychology and history] Sotsial'naya psikhologiya i istoriya. Moskva, Nauka, 1966, 212 p.

SOCIAL SCIENCES

(see also subdivision under United States)

Charles Wright Mills and the problem of the sociologist's role in society. Zlyumant Nauman. Vop. filos. 20 no. 6:92-102 '66.

Odessa. University. [Anniversary session dedicated to the centenary of the I.I. Mechnikov Odessa State University; social and historical sciences, jurisprudence (theses of the reports, May 18-19)] Iubileina naukova sesia, pryvachena 100-riechchii Odon'koho derzhavnoho universytetu im. I.I. Mechnikova; auzp'nt, isboryehni ta turydychni nauky (tozy dopovidel, 18-19 travnia). Odessa, 1965, 102 p.

SOCIAL SCIENCES—STUDY AND TEACHING

Let us improve the teaching of social sciences in the institutions of higher education. A. Dubinin. Part. zhizn' no. 14:46-52 Ji '66.

The scope of subject-matter and the program of the institution of higher education. M.I. Svortsov, M.F. Leont'ev. Vest. vya. shkoly 24 no. 5:91-93 My '66.

SOCIALISM

(see also subdivision under Germany)

A global socialist system is the deciding factor in social development; methodological concerns. A. Davin. Mezhdunar. zhizn. 13 no. 8:141-145 '65.

Marx, Karl, and Friedrich Engels. [Manifesto of the Communist Party] Manifest Kommunisticheskoi partii. Moskva, Politizdat, [1966] 98 p.

SOCIALISM AND LAW see Law and socialism

SOCIALIST COMPETITION

(see also subdivision under Severoural'sk, Sverdlovsk Province)

Competition with Novonikolayevsk. Zhi. i kom. khoz. 16 no. 7:4 Ji '65.

In the Board of the Ministry of the River Fleet and the Presidium of the Central Committee of the Trade Union. Rech. transp. 22 no. 9:55-56 Ag '64.

Movement for communist labor in a hospital. K.S. Artemenko, V.P. Firsov. Voen.-med. zhur. no. 12: 7-10 D '65.

Nikitin, M.A. [The workers committee as an organizer of socialist competition] Rabochii komitet—organizator sotsialisticheskogo gorevnovaniya. [Moskva] Profizdat, 1964, 7 p. [Biblioteka sel'skogo profslozhnogo akk-vista, no. 8 (32)]

SOCIALIST COMPETITION (Continued)

Socialist competition under the new conditions. I. Pogrebnoi. *Sov. profsoyuzy* 22 no. 12:9-11 Je '66.
[Work-inspiring word] Stovo, v dokhnyvishche na trud. Astrakhan', Volga, 1964. 47 p.
(CS-II)

SOCIALIST PARTIES

Critical evaluation of present-day reformism. A. Chernyaev. *Kommunist* 43 no. 9:106-118 Je '66.

SOCIALIST PARTY see subdivision under France

SOCIALIST REALISM

Muratova, K.D. [Beginnings of socialist realism in Russian literature] Vozniknovenie sotsialisticheskogo realizma v russkoi literature. Moskva, Nauka, 1966. 278 p.

SOCIETIES

History of the voluntary associations of workers, 1917-1936. N.G. Beliaeva. *Vest. Mosk. un. Ser. 12: Pravo* 21 no. 1:87-93 Ja-F '66.

SOCIETY, PRIMITIVE

Some typical and specific characteristics of early class societies. N.F. Kolesnitskii. *Vop. ist.* 41 no. 7:82-91 Ji '66.

SOCIETY AND COMMUNISM see Communism and society

SOCIOLOGICAL JURISPRUDENCE

(see also subdivision under Czechoslovakia)
Using the results of sociological studies in jurisprudence. V. Brazhnikov, V. Mrliga. *Sov. gos. i pravo* 36 no. 7: 150 Ji '66.

SOCIOLOGY

Andreeva, G.M. [Bourgeois sociology in search of a theory] Burzhuaznaya sotsiologiya v polskakh teori. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosofiya, no. 12)
Historical materialism and the laws which govern the development of socialist societies. G. Glezerman. *Kommunist* 43 no. 9:83-95 Je '66.

SOCIOLOGY—CONGRESSES

Current problems of sociology: conferences in Moscow, Leningrad, and Minsk. L. A. Shershenko and others. *Vest. AN SSSR* 36 no. 5:92-99 Je '66.

SOCIOLOGY—RESEARCH

Council on the problems of applied social studies. V. Sytenko. *Nauch. dokl. vya. shkoly; ekon. nauki* 9 no. 3:133-134 '66.

SOCIOLOGY—SOCIETIES, ETC.

A meeting of the Soviet Sociological Association. I. A. Kapelush, A. I. Prigozhin. *Vop. filoz.* 20 no. 6:157-159 '66.

SODALITE

Nature of sodalite coloration. V. P. Belichenko, O. M. Platonov. *Dop. AN URSSR* no. 5:665-668 '66.

SODIUM

Experimental determination of the pressure of saturated sodium and potassium vapors. I. U. K. Vinogradov, L. D. Volk. *Teplofiz. vys. temp.* 4 no. 1:50-54 Ja-F '66.

Flame photometric method of determining sodium and potassium in ammonium molybdate. I. B. Dulycheva, M. S. Ulianova. [*Trudy*] UNIKHIM no. 11: 98-101 '64.

Some characteristics of the behavior of niobium in the process of sodium metasomatism. A. V. Voloshin, B. E. Miletskii. *Geokhimiya* no. 4:470-473 Ap '66.

SODIUM ALUMINATES

Interaction of sodium aluminate with dicalcium silicate. E. I. Khananov, S. A. Stakheeva, G. V. Kuz'mina. *Syr. res. leg. met. Vost. Sib.* 5:11-17 '65.

SODIUM CHLORIDE see Salt

SODIUM FLUORIDE

Binary system NaF-HF. I. M. Shelko, V. T. Mal'nev, H. O. Bukhalova. *Dop. AN URSSR* no. 5:628-631 '66.

Some features of the interaction between sodium fluoride and oleic acid in the flotation separation of titanium and zirconium minerals. I. N. Plakatin, B. Sh. Shafiev, V. A. Chanturia. *Dokl. AN SSSR* 168 no. 4:804-806 Je '66.

SODIUM FLUORIDE CRYSTALS

Rate of the process of cryolite production from crystalline sodium fluoride and aluminum fluoride solution. I. U. A. Kozlov, G. N. Bogachov. *Zhur. prikl. khim.* 39 no. 6:1183-1185 My '66.

SODIUM HYDROXIDE

Composition of the solid products of interaction of β -spodumene with a mixture of sodium and calcium hydroxide solutions. F. P. Barkova. *Izv. SO AN SSSR* no. 3. Ser. khim. nauk no. 1:117-120 '66.

SODIUM METHOXIDE

Nucleophilic substitution in the aromatic series. Part 10: Kinetics and mechanics of the reaction of α - and β -chloronaphthalenes with sodium methylate in methyl alcohol. S. M. Shain, V. A. Ignatov. *Zhur. org. khim.* 2 no. 4:701-708 Ap '66.

SODIUM NITRITE

Effect of sodium nitrite on hexokinase activity. V. V. Ovchinnikov. *Lek. i syr. res. Irk. obl.* no. 4:153-156 '65.

SODIUM NITRITE—PHYSIOLOGICAL EFFECT

Effect of sodium nitrite on hemolysis. V. V. Ovchinnikov. *Lek. i syr. res. Irk. obl.* no. 4:167-169 '65.

SODIUM PHENOLATES—TOXICOLOGY

Feeding cattle with distillers' grains obtained in the production of alcohol with the use of sodium pentachlorophenolate. S. V. Bazhenov and others. *Nauk. pratsi zooteht. fak. UASHN* 15 no. 2:82-98 '61.

SOIL ABSORPTION

Cation exchange ability of iron oxides and its role in the exchange ability of soils. V. M. Fridland, I. G. Tsiarupa, N. A. Andreeva. *Dokl. AN SSSR* 168 no. 4:917-920 Je '66.

SOIL-CEMENT ROADS see Roads, Soil-cement

SOIL CHEMISTRY see subdivision under Central Chernozem region

SOIL CONDITIONERS

Improving soil structure through the effect of polymers. A. I. Marchenko, L. N. Skorodumova, I. I. Kochurova. *Uch. zap. Ped. inst. Gerts.* 312:123-131 '66.

SOIL CONSERVATION

(see also subdivision under Alma-Ata Province)
Moscow. Vsesoyuznyi Institut nauchno-tekhnicheskoi informatsii po sel'skoi khoz. *[Soil erosion and its control; a review of the literature for 1950-1964]* Brozila pochv i mory bor'by a nel; obzor literatury za 1950-1964 g. g.). Moskva, 1965. 148 p. (Obzor inostrannoi literatury, no. 5)
(DNAL)

Zaslavskii, M. N. [Soil erosion and farming on slopes] Eroziya pochv i zemitsetie na sklonakh. Kishinev, Karta moldovenaske, 1966. 493 p.
(DNAL)

SOIL FAUNA

Chernova, N. M. [Zoological characteristics of composts] Zoologicheskai kharakteristika kompostov. Moskva, Nauka, 1966. 153 p.

SOIL FERTILITY

(see also subdivision under Voronezh Province)
Method for increasing the reliability of field experiments on the Solonetz complex. G. P. Penlasov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 6:97-101 Je '66.

SOIL INOCULATION

Results of farm experiments on the diversified bacterization of vegetable crops. G. A. Zak, M. F. Makhutdinov. *Izv. Kub. SKH* 17:139-143 '65.

SOIL MECHANICS

Effect of density and moisture during compaction on the mechanical strength of loess soils. I. M. Sholkhet. *Izv. AN Uz. SSR. Ser. tekhn. nauk* 10 no. 3:48-51 '66.

Expansion of a spherical piston in the soil at a steady rate. L. Nemetov. *Izv. AN Uz. SSR. Ser. tekhn. nauk* 10 no. 3:29-32 '66.

Klepikov, S. N. [Calculating frameless large-panel buildings for uneven settlement of the foundation beds] Raschet beskarakasnykh krupnopanelynykh zdani na neravnomernye osadki osnovanii. Kiev, Budivelnik, 1966. 96 p.

Razorenov, V. F. [Determining structural properties of soils using the penetration and rotation shearing methods] Opredeleniye stroit'nykh svoystv gruntov metodami penetratsii i vrashchatel'nogo srezha. Pod red. E. V. Platonova. Kiev, Budivelnik, 1966. 135 p.

SOIL MICRO-ORGANISMS

Phosphatase activity of the roots of some plants and the effect of micro-organisms on it. E. K. Dubovenko. *Fiziol. rast.* 13 no. 3:520-531 My-Je '66.

SOIL MICRO-ORGANISMS—CULTURES AND CULTURE MEDIA

Action of hexachlorobutadiene and polychlorobutanes on the pure culture of some micro-organisms. G. P. Denisakina and others. *Khim. v sel'khoz.* 4 no. 2:28-30 F '65.

SOIL MOISTURE

Characteristics of soils with surface moisture in the I'mon Lowland. N. N. Matlinan. *Vest. LGU* no. 9:132-142 '66.
Estimating the moisture of gentle slopes during the warm period of the year in the European part of the U.S.S.R. E. N. Romanova. *Trudy GGO* no. 180:19-31 '66.

Redistribution of moisture on gentle slopes and at their feet during the warm period of the year. E. N. Romanova. *Trudy GGO* no. 180:3-18 '66.

SOIL MOISTURE—EFFECT ON PLANTS see Plants, Effect of soil moisture on

SOIL SCIENCE

Chapovskii, E. G. [Laboratory studies in pedology and soil mechanics] Laboratornye raboty po gruntovedeni i mekhanike gruntov. Izd. 3., 1 spr. 1 dop. Moskva, Nedra, 1966. 303 p.

SOIL SCIENCE—BIBLIOGRAPHY see Bibliography—Soil science

SOIL STABILIZATION

Artificial strengthening of rocks. V. F. Beliaev, A. V. Plastov, V. F. Savin. *Dob. i obog. rud. tsvet. met.* no. 3:3-5 '64.

Stabilizing fine sand with indene-alkyl aromatic resin. V. S. Aliev and others. *Avi. dor.* 29 no. 6:16-18 Je '66.

SOIL STRUCTURE

Current concepts on the formation and structural composition of the plow layer. D. I. Barov. *Izv. Kub. SKH* 17:62-66 '65.

Improving soil structure through the effect of polymers. A. I. Marchenko, L. N. Skorodumova, I. I. Kochurova. *Uch. zap. Ped. inst. Gerts.* 312:123-131 '66.

Improving the structural qualities of soils in crop rotations without perennial grasses. D. I. Barov, I. A. Chudanov. *Izv. Kub. SKH* 17:67-72 '65.

SOIL TEMPERATURE

(see also subdivision under Trans-Ili Alatau)

Dynamics of soil thawing. V. V. Salazanov. *Meteor. i gidrol.* no. 6:40-44 Je '66.

Temperature variations in the surface horizon of soil in a barley field. L. E. Int. *Trudy GGO* no. 190:65-67 '66.

SOILS

(see also subdivision under Bityug Valley; Bityug Valley; Chumysh Valley; Don Valley; I'mon Lake region; Novgorod Province)

Tiurin, I. V. [Problems of the genesis and fertility of soils] Voprosy genezisa i plodorodila pochv. Moskva, Nauka, 1966. 288 p.

SOILS—ABSTRACTS

[Soil science and agrochemistry] Ref. zhur.: Pochv. i agrokhim. nos. 1-3 Ja-Mr '66.

SOILS—ANALYSIS

Changes in the chemical composition and physicochemical properties of Chernozem soils of the Central Chernozem Region used for agriculture. P. G. Adorikhin. *Okhr. priir. Tsentr.-Chern. pol.* no. 5:31-40 '64.

SOILS—CLASSIFICATION

Problems of classifying arable soils. A. I. Marchenko, V. A. Dolotov. *Uch. zap. Ped. inst. Gerts.* 312:168-172 '66.

SOILS—COMPOSITION see subdivision under Don Valley; Russia, Northern

SOILS—DENSITY see subdivision under Leningrad Province

SOILS—IODINE CONTENT see subdivision under Irkutsk Province

SOILS—TESTING see subdivision under Siberia, Western

SOILS—TRACE ELEMENT CONTENT

Microelements in blanket loams of Voronezh Province. V. M. Dadykin. *Okhr. priir. Tsentr.-Chern. pol.* no. 5: 75-78 '64.

Trace elements in soils of the "Krtazh" State Farm. A. G. Sergeeva. *Izv. Kub. SKH* 17:133-136 '65.

SOILS, RADIOACTIVE SUBSTANCES IN

Conference on trace elements and the natural radioactivity of soils. E. V. Tonkonozhenko. *Khim. v sel'khoz.* 4 no. 2:79-80 F '65.

SOILS, SALTS IN

Capillary fringe of ground waters and the regulation of moisture conditions of soils in the Karalangekly area of the Vakhsh Valley. A. I. Uldashev. *Trudy. Tadzh. sel'khoz. inst.* 7:132-141 '65.

SOKOLNIKI (MOSCOW PROVINCE)—EXHIBITIONS

Rumania in Sokolniki. *Priroda* 55 no. 7:114 '66.

SOKOLOV, BORIS MATVEEVICH, 1889-1930

The "Tales and songs of the Belozero region" collected by the Sokolov brothers. E. I. Korotkin. *Trudy Inst. etn.* 01:82-185 '65.

SOLAR ATMOSPHERE

Magnetic fields at different depths of the solar atmosphere. A. B. Severnyi. *Astron. zhur.* 43 no. 3:465-479 My-Je '66.

SOLAR ATMOSPHERE (Continued)

Shortwave radiation of the sun, structure of the solar atmosphere, and the ionosphere. G. S. Ivanov-Kholodnyi, G. M. Nikol'skii. *Ion. issl.* no. 14:5-8 '65.

Structure of the photosphere above a sunspot. Z. B. Korobova. *Astron. zhur.* 43 no. 3:480-487 My-Je '66.

SOLAR BATTERIES

Construction of solar power engineering plants with photoelectric converters. N. S. Lidorenko and others. *Geliotekhnika* no. 2:20-24 '66.

Results of tests of solar power engineering plants with photoconverters. B. V. Taruzhevskii, I. G. Savchenko, B. Ia. Rodichev. *Geliotekhnika* no. 2:25-30 '66.

SOLAR ECLIPSES see Eclipses, Solar

SOLAR ENERGY

Lightweight mirrors made from glass and Pyroceram. V. T. Slavyanskii, E. N. Krustnikova, N. V. Romanova. *Geliotekhnika* no. 2:5-8 '66.

Selective reflecting metal mirror. V. K. Baranov and others. *Geliotekhnika* no. 2:9-11 '66.

SOLAR ENERGY—EQUIPMENT AND SUPPLIES

Calculation and optimization of thermal regimes of receivers in heliostationing plants with concentrators. R. A. Zakhidov, D. I. Teplov. *Geliotekhnika* no. 2:12-19 '66.

Characteristics of the use of optical instruments in testing reflecting surfaces and the transparent insulators of solar engineering units. N. D. Rekant, A. V. Shekhtin, A. V. Gavrilchenko. *Geliotekhnika* no. 2:31-37 '66.

Effect of gluing joints on the optical properties of film-type concentrators. G. Ia. Umarov, A. M. Gafurov. *Geliotekhnika* no. 2:54-55 '66.

Optical and mechanical part of an SV-1 solar water-lifting installation. L. N. Vladimirova, B. A. Garf. *Geliotekhnika* no. 2:45-49 '66.

SOLAR FLARES

Some ionospheric and geomagnetic effects of large chromospheric flares. G. M. Khocholava. *Ion. issl.* no. 14:100-103 '65.

SOLAR HEATING

Determination of the parameters of a special solar setup designed for studies of refractory materials. V. S. Dverniakov, V. V. Pashchyni. *Dop. AN URSS* no. 6:762-766 '66.

SOLAR RADIATION

(see also subdivision under Kazakhstan)

Dependence of the parameters of the ionosphere on the entrance of solar wave radiation into the earth's atmosphere. A. I. Likhachev and others. *Ion. issl.* no. 14:129-140 '65.

Effect of atmospheric stratification on the influx of radiation heat. E. D. Kovaleva, F. N. Shekhtin. *Trudy GGO* no. 187:104-114 '66.

Effect of radiation on the transformation of low clouds. L. A. Grosheva. *Trudy GGO* no. 187:77-81 '66.

Moscow. Energeticheskii Institut imeni G. M. Krzhizhanovskogo. [Heat engineering units for the utilization of solar radiation] Teplovye ustanovki dlia ispol'zovaniia solnechnoi radiatsii. Moskva, Nauka, 1966, 161 p.

Radiation balance of gentle slopes during the growing season. T. A. Golubova. *Trudy GGO* no. 180:32-40 '66.

Relation of the radiation temperature of an opaque body to the radiation temperature change of the medium. G. N. Kostianoi. *Izv. AN SSSR. Fiz. atm. i okeana* 2 no. 5:501-507 My '66.

Shortwave radiation of the sun, structure of the solar atmosphere, and the ionosphere. G. S. Ivanov-Kholodnyi, G. M. Nikol'skii. *Ion. issl.* no. 14:5-8 '65.

Some problems of radiation heat exchange in a cloudy atmosphere. F. N. Shekhtin. *Trudy GGO* no. 187:82-103 '66.

SOLAR RADIATION—MEASUREMENT

Measuring the spectral sensitivity of pyranometers and balance meters. B. P. Kozlyov, V. A. Buchenkov. *Izv. AN SSSR. Fiz. atm. i okeana* 2 no. 5:540-544 My '66.

SOLAR RADIATION—PHYSIOLOGICAL EFFECT

Effect of solar radiation on the stabilizing properties of proteins and glycoproteins of the blood serum in the development of experimental atherosclerosis. S. Ia. Guz, G. V. Kobozov. *Vop. kur., fizioter. i lech. fiz. kul't.* 31 no. 2:116-120 Mr-Apr '66.

Elements of phototopography of the human skin. O. V. Perov. *Vop. kur., fizioter. i lech. fiz. kul't.* 31 no. 2:151-154 Mr-Apr '66.

Resources of erythemal solar radiation. V. A. Belinskii and others. *Geliotekhnika* no. 2:38-44 '66.

SOLAR SPECTRUM see Spectrum, Solar

SOLDER AND SOLDERING

Use of organometallic compounds as activators of fluxes for soldering by low-melting solders of printing assembly plates. G. G. Petukhov, V. A. Titov. *Zhur. prikl. khim.* 39 no. 5:1200-1203 My '66.

SOLDER AND SOLDERING—TESTING

Oriented crystallization in soldered joints. A. A. Bocharov, A. S. Ekstova. *Izv. AN SSSR. Met.* no. 3:146-149 My-Je '65.

SOLID SOLUTIONS see Solutions, Solid

SOLID STATE PHYSICS

Possibility for studying the effect of electron energy quantization in a thin film. V. Ia. Domikhovskii, B. A. Tsvetkov. *Radotekh. i elektron.* 11 no. 6:1147-1149 Je '66.

SOLIDIFICATION

Effect of certain factors on the solidification of a steel ingot. V. D. Maron and others. *Izv. vys. ucheb. zav.; khim. met.* 9 no. 5:75-79 '66.

SOLIGORSK—POTASH INDUSTRY—EQUIPMENT AND SUPPLIES

New mining machines for the Soligorsk potassium deposits. E. S. Ivanovich. *Prom. Bel.* 9 no. 4:32-33 Ap '66.

SOLONETZ SOILS

(see also subdivision under Siberia, Western; Voronezh Province)

Method for increasing the reliability of field experiments on the Solonetz complex. G. P. Poniasov. *Vest. sel'khoz. nauki [Kazakh].* 9 no. 6:97-101 Je '66.

Methods for tilling Solonetz soils in Siberia. P. Kulebnin. *Tekhn. sel'khoz.* 25 no. 3:9-12 Mr '65.

SOLUBLE GLASS

A new technology for preparing soluble glass. E. G. Pobokova, I. V. Petrova, V. V. Sergeev. *Dob. i obog. rud. tsvet. met.* no. 3:37-38 '64.

SOLUBILITY

Calculating water solubility of individual hydrocarbons under low pressures. I. U. G. Nechaev. *Izv. vys. ucheb. zav.; nef't i gaz.* 9 no. 2:77-80 '66.

Quaternary reciprocal system Na, Mg, SO_4 , HCO_3 - H_2O at 0° and varying partial pressures of CO_2 . I. A. Moshkina, I. U. P. Nikol'skaya. *Izv. SO AN SSSR* no. 3. Ser. khim. nauk no. 1:48-52 '66.

Solubility and fractionation of polymers. A. A. Buniatzade and others. *Azerb. khim. zhur.* no. 2:85-90 '64.

Solubility equation in ternary water-salt systems. Report No. 2: Comparison with the experimental data on the first form of solubility equation. A. N. Kirgintsev, L. N. Efanov. *Izv. AN SSSR. Ser. khim.* no. 6:991-996 '66.

Solubility isotherms in the systems $Th(NO_3)_4 - HNO_3 - H_2O$ and $UO_2(NO_3)_2 - Th(NO_3)_4 - (0.5M)HNO_3 - H_2O$ at 25°C. A. V. Nikolaev, A. I. Riabinin, I. U. A. Afanas'ev. *Izv. SO AN SSSR* no. 3. Ser. khim. nauk no. 1:129-131 '66.

Solubility of radioactive particles. A. V. Rykhovskii, I. U. M. Bendumov, V. G. Doroshenko. *Med. rad.* 11 no. 6:65-69 Je '66.

Type of complex formation during dissolution of some sparingly soluble compounds in solutions of complexones. Part 1: Solubility of lanthanum oxalate in the presence of EDTA. N. N. Kalazeva, V. A. Logvinenko. *Izv. SO AN SSSR* no. 3. Ser. khim. nauk no. 1:66-70 '66.

Type of complex formation during dissolution of some sparingly soluble compounds in solutions of complexones. Part 2: Some complexones of lanthanum with EDTA. A. V. Nikolaev, V. A. Logvinenko, N. N. Kalazeva. *Izv. SO AN SSSR* no. 3. Ser. khim. nauk no. 1:71-74 '66.

SOLUTION (CHEMISTRY)

Equilibrium in the system $K_2Cr(SO_4)_2 - K_2Zn(SO_4)_2 - H_2O$ at 0°. O. S. Soboleva, A. E. Reznikova. *Izv. SO AN SSSR* no. 3. Ser. khim. nauk no. 1:53-56 '66.

Some physicochemical properties of aqueous solutions of amino acids. P. A. Sherashvili, N. I. Vilutis. *Lek. i syr. res. Irk. obl.* no. 4:202-203 '65.

Stability of water-soluble forms of molybdenum in solutions containing sulfur at high temperatures. I. A. Arutunian. *Geokhimiia* no. 4:479-483 Ap '66.

SOLUTIONS, SOLID

Semiconducting electrode catalysts. Part 3: Electrochemical reversibility of oxidation of Li_2Cu in solid solutions. E. G. Misiuk, O. K. Davtlen, T. V. Pridma. *Elektrokhimiia* 2 no. 6:683-687 Je '66.

Structure of solid fluoride solutions in the system cerium oxygen. F. A. Kuznetsov, T. P. Chusova, B. M. Alupov. *Izv. SO AN SSSR* no. 3. Ser. khim. nauk no. 1:126-129 '66.

Temperature dependence of root-mean-square static displacements of atoms in homogeneous solid solutions. I. P. Mikhailuk. *Fiz. met. i metalloved.* 20 no. 6:624-628 D '65.

SOLUTIONS, SOLID—THERMODYNAMICS

Basic thermodynamic properties of solid solutions of vanadium with magnetite. I. U. P. Vorob'ev, V. N. Bogoslavskii, G. I. Chufarov. *Dokl. AN SSSR* 168 no. 4: 848-850 Je '66.

SOLVENTS

Critical opalescence of poly- β -naphthyl methacrylate solutions and the properties of polymeric coils near precipitation point. V. E. Enkin, A. E. Nesterov. *Vysokomol. soed.* 8 no. 6:1045-1050 Je '66.

Effect of solvents on the elementary reactions of chain propagation and termination in the oxidation of methyl ethyl ketone. G. E. Zaitkov, Z. K. Mal'ina, N. M. Emamei. *Kin. i kat.* 7 no. 3:401-408 My-Je '66.

Physicochemical analysis of the systems amine acetates-indifferent solvent. I. U. A. Fladkov, I. U. A. Tarasenko, I. U. Ia. Borovikov. *Zhur. ob. khim.* 38 no. 6:911-917 Je '66.

SOLVENTS—THERMAL PROPERTIES

Heat conductivity of binary systems of selective solvents. Z. I. Geller, I. U. L. Rastorguev, I. U. A. Gantsev. *Izv. vys. ucheb. zav.; nef't i gaz.* 9 no. 2: 88-90 '66.

SOLZHENITSYN, ALEKSANDR ISAEVICH, 1918-

A. I. Solzhenitsyn. I. N. Bushman. *Sob. inst. po izuch. SSSR* no. 4:84-90 '65.

SONAR

Ships see, hear, speak... V. Krasnov. *Voen. znani.* 42 no. 6:34-35 Je '66.

SORBIC ACID

Synthesis of sorbic acid esters and lower aliphatic alcohols using cation exchanger KU-2 as a catalyst. N. G. Polianskii, D. A. Chernyshova, N. D. Rubtsova. *Zhur. prikl. khim.* 39 no. 5:1211-1213 My '66.

SORGHUM see subdivision under Kuybyshev Province

SORMOV (GORKIY PROVINCE)—CONFECTIONERY INDUSTRY—COSTS

Distribution of indirect expenditures. G. I. Fedorov, V. Kleptsov. *Plan. khoz.* 43 no. 7:84-86 Ji '66.

SORPTION

Dynamics of sorption in a fluidized bed. O. M. Toden, I. U. S. Lezin. *Zhur. fiz. khim.* 40 no. 6:1034-1040 My '66.

Shul'man, M. S. [Sorption of amphoteric enzymes] Sorbents amfotifitskikh fermentov, Moskva, Plachevaia promyshlennost', 1966, 80 p.

SOUND—PHYSIOLOGICAL EFFECT

Alternating type of the reaction of neurons of the posterior corpus bigemum in cats to acoustic stimulation. I. A. A. Al'tman. *Zhur. vys. nerv. deiat.* 16 no. 3:531-534 My-Je '66.

Characterization of the conditioned response activity in dogs in the formation of reflexes to pure tones in the range of 530 to 15,000 cps. N. N. Lazuko. *Zhur. vys. nerv. deiat.* 16 no. 3:443-448 My-Je '66.

Electrophysiological characteristics of the representation of the acoustic analyzer of the brain in birds. V. D. Il'ichev. *Zhur. vys. nerv. deiat.* 16 no. 3:481-488 My-Je '66.

Electrophysiological study of temporary amnesia in different parts of the auditory system in cats. G. A. Vardapetian. *Zhur. vys. nerv. deiat.* 16 no. 3:470-472 My-Je '66.

SOUND—TRANSMISSION

Effect of a simultaneous motion of the source and receiver of sound on the difference of phases between their vibrations. K. N. Burmanskii, L. V. Zubrova. *Usp. fiz. nauk* 89 no. 1:161 My '66.

SOUND WAVES—SPEED

Induction of ionic-acoustic waves in potassium and cesium plasmas. N. S. Buchel'nikova, R. A. Sidimov. *Teplofiz. vys. temp.* 4 no. 1:27-34 Ja-F '66.

SOUTH AFRICA, REPUBLIC OF—RACE DISCRIMINATION

Apartheid, a hundred-headed monster. R. Samoilov. *Mol. komm.* no. 8:94-101 Ag '64.

SOUTH AFRICA, REPUBLIC OF—TRADE UNIONS

South Africa: trade unions and apartheid. M. Eroferov. *Sov. profsoyuz* 22 no. 13:39-40 Ji '66.

SOUTHEAST ASIA TREATY ORGANIZATION

New plot against Asia. R. Lockwood. *Mezhdunar. zhurn.* 13 no. 7:82-87 '66.

SOUTHERN BUG VALLEY—EXCAVATIONS (ARCHAEOLOGY)

A medieval settlement near the village of Sokol'iy in the Southern Bug Valley. M. P. Kuchera. *Arkhaeologia* 10:201-214 '65.

SOUTHERN HEMISPHERE—ATMOSPHERIC PRESSURE

Some characteristics of atmospheric pressure variations in the southern hemisphere over a period of many years. N. A. Khaminov. *Trudy GGO* no. 188:154-159 '66.

SOUTHERN RHODESIA see Rhodesia

SOUTHERN STATES—SOCIAL CONDITIONS

"Flight to the South." G. Kuznetsov. Nov. vrem. 24 no. 3:12-14 Ji '66.

SOUTHWESTERN ECONOMIC REGION—CHEMICAL INDUSTRIES

Regionalization of the chemical industry in the Carpathian provinces of the Ukrainian S. S. R. N. G. Ignatenco, T. K. Dugaeva. Ekon. geog. no. 2:5-13 '64.

SOUTHWESTERN ECONOMIC REGION—CITIES AND TOWNS

Characteristics of distribution and the structure of urban population in the Southwestern Economic Region. I. M. Denisuk. Ekon. geog. no. 2:23-28 '64.

SOVIET CENTRAL ASIA—AGRICULTURAL GEOGRAPHY

Conference on the geographical regionalization of Central Asia and Kazakhstan for agricultural purposes. N. A. Kogal. Izv. AN SSSR, Ser. geog. no. 3:141-142 My-Je '66.

SOVIET CENTRAL ASIA—ANTIQUITIES

Slavskii, B. I. A. [Between the Pamirs and the Caspian; Central Asia in antiquity] Mezdu Pamirami i Kaspiem; Sredniala Azia v drevnosti. Moskva, Nauka, 1966. 327 p.

SOVIET CENTRAL ASIA—CLICK BEETLES

Click beetles from the subfamily Cardiphorinae (Coleoptera, Elateridae) in Central Asia. E. I. Gureva. Trudy Zool. inst. 37:62-67 '66.

SOVIET CENTRAL ASIA—DESERTS—RESEARCH

Coordinating Conference on Integrated Study of the Desert Territories of Central Asia. A. S. Kes'. Izv. AN SSSR, Ser. geog. no. 3:122-120 My-Je '66.

Coordination of work on desert reclamation. M. P. Petrov. Izv. Vses. geog. ob-va 90 no. 3:207 My-Je '66.

SOVIET CENTRAL ASIA—FRUIT FLIES

New genus and new species of fruit flies (Diptera, Chloropidae) from Central Asia. E. P. Narchuk. Trudy Zool. inst. 37:250-271 '66.

SOVIET CENTRAL ASIA—GEOCHEMISTRY

Characteristics of the distribution of selenium and tellurium in the oxidation zone in the lead-zinc deposits of Central Asia. M. F. Kulikova. Geokhimiia no. 4:423-429 Ap '66.

SOVIET CENTRAL ASIA—GEOLOGY, STRUCTURAL

Basic features of the tectonics and comparative characteristics of oil- and gas-bearing areas in Middle and Central Asia. M. I. Varentsov, V. I. Dittmar, A. B. Li. Izv. AN SSSR, Ser. geog. 31 no. 6:85-92 Je '66.

SOVIET CENTRAL ASIA—HIDES AND SKINS

Use of antiseptics in the curing of karakul pelts in Central Asia. V. I. Kirilukhina. Trudy Mosk. vet. akad. 14:223-233 '64.

SOVIET CENTRAL ASIA—ICHNEUMON FLIES

New species of ichneumon flies (Hymenoptera, Braconidae) from Turkmenia and adjacent regions. V. I. Tobias. Trudy Zool. inst. 37:111-131 '66.

SOVIET CENTRAL ASIA—IRRIGATION FARMING—CONGRESSES

Coordinating Conference on Integrated Study of the Desert Territories of Central Asia. A. S. Kes'. Izv. AN SSSR, Ser. geog. no. 3:122-128 My-Je '66.

SOVIET CENTRAL ASIA—MEADOW GRASS

Biology and ecology of the bulbous meadow grass (Poa bulbosa L.) in the arid regions of southern Central Asia. L. P. Shinkovskii. Izv. Otd. biol. nauk. AN Tadzh. SSR no. 1:54-70 '66.

SOVIET CENTRAL ASIA—PISTACHIO—DISEASES AND PESTS

Pests of pistachio fruits. V. S. Znamenskii. Sbor. rab. MLTI no. 11:132-137 '64.

SOVIET CENTRAL ASIA—POPULATION—CONGRESSES

The interest toward the problems of the population is growing. P. Borisenkov, G. Kiseleva, E. Shirinaeva. Nauch. dokl. vya. shkoly; ekon. nauki 9 no. 3:130-133 '66.

SOVIET CENTRAL ASIA—PROGRAMMED INSTRUCTION

Conferences on programmed instruction in the Union Republics. S. A. Sigov. Vest. vya. shkoly 24 no. 5: 60-61 My '66.

SOVIET CENTRAL ASIA—SNAKES

Venomous snake farms. Priroda 55 no. 6:124-126 '66.

SOVIET CENTRAL ASIA—SNOUT BEETLES

New species of snout beetles from the genus Litus F. (Coleoptera, Curculionidae) in the U. S. S. R. M. E. Minasian. Trudy Zool. inst. 37:102-105 '66.

SOVIET CENTRAL ASIA—TRACE ELEMENTS

Characteristics of the distribution of trace elements in the oxidation zone of some lead-zinc deposits in Central Asia. M. F. Kulikova. Geokhimiia no. 10:1022-1027 O '64.

SOVIET CENTRAL ASIA—WINDS

Study of the statistical structure of the wind field in Central Asia and in the south of Kazakhstan. Z. G. Apaliamova. Meteor. i gidrol. no. 6:36-40 Je '66.

SOVIET FAR EAST—BINDING MATERIALS

Conference on the resources of raw materials for the manufacture of binding materials in Siberia and the Far East. G. D. Uryvaeva. Zhur. VKIKO 11 no. 3:41-342 '66.

SOVIET FAR EAST—ECONOMIC CONDITIONS

Akademii nauk SSSR. Institut geografii. [The Far East; economic and geographical characteristics] Dal'nii Vostok; ekonomiko-geograficheskai kharakteristika. Moskva, Mysl', 1966. 493 p. (DS)

SOVIET FAR EAST—FISHERIES

Kommunisticheskai partia Sovetskogo Soyuza. Kamchatka obshchestni komitet. Ideologicheskii otdel. [Out to the sea] V more. Petropavlovsk-Kamchatskii, Dal'nivostochnae knizhnoe izd-vo, 1964. 182 p.

SOVIET FAR EAST—GALL GNATS

New species of free-living gall gnats of the tribe Itonidini (Diptera, Itonididae) from the Far East. O. V. Kovalev, B. M. Mannaev. Trudy Zool. inst. 37:226-232 '66.

SOVIET FAR EAST—GEOLOGY, STRATIGRAPHIC

Pergament, M. A. [Zonal stratigraphy and Inoceramus of the lower part of the Upper Cretaceous on the Pacific coast of the U. S. S. R.] Zonal'nai stratigrafiia i inotserany nizhnai chasti verkhnego mela Tikhookeanskogo poberezh'ia SSSR. Moskva, Nauka, 1966. 81 p. (Akademii nauk SSSR. Geologicheskii institut. Trudy, no. 146)

SOVIET FAR EAST—HISTORICAL RESEARCH

In the party archives of Siberia and the Far East. M. V. Grebennikov. Vop. ist. KPSS 13 no. 7:149-152 Ji '66.

SOVIET FAR EAST—LIVERWORTS

Family Leptocoleaceae in the flora of the Soviet Far East. D. K. Zorov. Ukr. bot. zhur. 23 no. 3:95 '66.

SOVIET FAR EAST—MACHINE ACCOUNTING—STUDY AND TEACHING

Training of machine accounting specialists in the Far East. N. Griaznov. Vest. stat. no. 6:75-76 '66.

SOVIET FAR EAST—MEDICINE, MILITARY—CONGRESSES

Scientific conference of physicians of the Far East Military District. L. A. Ulitskii. Voen.-med. zhur. no. 5: 87-88 My '66.

SOVIET FAR EAST—MYTILACEA, FOSSIL

Pergament, M. A. [Zonal stratigraphy and Inoceramus of the lower part of the Upper Cretaceous on the Pacific coast of the U. S. S. R.] Zonal'nai stratigrafiia i inotserany nizhnai chasti verkhnego mela Tikhookeanskogo poberezh'ia SSSR. Moskva, Nauka, 1966. 81 p. (Akademii nauk SSSR. Geologicheskii institut. Trudy, no. 146)

SOVIET FAR EAST—PUBLIC HEALTH

The development of medical services in Siberia and the Soviet Far East. G. E. Smul's. Soob. inst. po izuch. SSSR no. 4:28-56 '65.

SOVIET FAR EAST—SPONGES

Koltun, V. M. [Tetraradial sponges in the seas of the Far East and northern parts of the U. S. S. R.; order Tetraxonida] Chetyrekhchuevye gubki severnykh i dal'nivostochnykh morei SSSR; Otdel Tetraxonida. Moskva, Nauka, 1966. 111 p. (Opredeliteli po faune, no. 60)

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Saratov)

It is necessary to make precise rules authorizing local soviets to issue acts establishing administrative liability. R. F. Yasli'ev. Uch. zap. VNIISZ no. 5:78-83 '65.

Peristak, V. A. [Problems of local self-government in the U. S. S. R.] Problemy mestsogo samoupravleniia v SSSR. Irkutsk, 1963. 386 p. (Irkutsk. Universitet. Trudy, vol. 32, Seria iuridicheskai, no. 6, pt. 2)

Revision of law regulating the operations of administrative committees. N. S. Lazareva. Uch. zap. VNIISZ no. 5:164-168 '65.

Some practical problems of regulating public order. A. V. Seregin. Uch. zap. VNIISZ no. 5:147-152 '65.

SOVING

Comparative study on the productivity of annual grasses under various methods of sowing. N. N. El'chaninova. Izv. Kair. SKH 17:47-55 '65.

Lawnspreader. O. Pokalov. Zhid. i kom. khoz. 16 no. 7:11 Ji '65.

SOYBEAN

Albedo of a soybean field. V. V. Golovin and others. Fiziol. rast. 13 no. 3:517-519 My-Je '66.

SPACE AND TIME

Space-time metric and nonlinear fields. D. I. Blokhintsev. Dokl. AN SSSR 166 no. 4:774-776 Je '66.

SPACE ARRANGEMENT OF PLANTS see Plants, Space arrangement of

SPACE BIOLOGY—CONGRESSES

Konferentsiia po kosmicheskoi biologii i meditsine. 1964. [Materials of the Conference on Space Biology and Medicine] Materialy. Pod red. A. V. Lebedinskogo, I. G. Nefedova i I. M. Khazena. Moskva, In-t mediko-biologicheskikh problem, 1966. 150 p.

SPACE FLIGHT

[Space research] Ref. zhur. : Issl. kosm. prostr. nos. 5-6 My-Je '66.

Statistically optimal pulse correction in space flight. I. A. Boguslovskii. Kibernetika no. 1:52-64 Ja-F '66.

SPACE MEDICINE—CONGRESSES

Konferentsiia po kosmicheskoi biologii i meditsine. 1964. [Materials of the Conference on Space Biology and Medicine] Materialy. Pod red. A. V. Lebedinskogo, I. G. Nefedova i I. M. Khazena. Moskva, In-t mediko-biologicheskikh problem, 1966. 160 p.

SPACE MICROBIOLOGY

Effect of vibration as a factor associated with space flights on the lysogenic culture of Escherichia coli K-12 (A). N. I. Rybnikov, V. A. Kozlov. Biol. eksp. biol. i med. 61 no. 5:64-67 My '66.

SPACE SCIENCES

Space research and terrestrial problems. V. I. Siforov. Priroda 55 no. 6:2-3 '66.

SPACE STATIONS

Toward orbital islands and rings. G. Pokrovskii. Av. i kosm. no. 6:70-72 Je '66.

SPACE VEHICLES—ORBITS

Average orbital elements of the cabin of the first Soviet space vehicle (1960 Z. 3) for August-December, 1963. G. A. Chebotarev, E. N. Makarova. Biol. sm. opt. anal. isk. sput. Zem. no. 40:34-36 '64.

SPAIN—CIVIL WAR, 1936-1939

Historic significance of the national-revolutionary war in Spain. Dolores Ibaruri. Nov. vrem. 24 no. 32:7-9 Ag '66.

The Spanish exploit. L. Ponomareva. Nov. vrem. 24 no. 30:9-12 Ji '66.

SPAIN—CIVIL WAR, 1936-1939—BIBLIOGRAPHY

Guterman, E. A. [The national revolutionary war in Spain in 1936-1939; a discussion of books] Natsional'-no-revolutsionnaya voina v Ispanii 1936-1939 gg.; beseda o knigakh. Moskva, Kniga, 1966. 16 p. (Istoricheskie znaniia - v massy, no. 3)

SPAIN—CIVIL WAR, 1936-1939—RUSSIAN PARTICIPATION

With Spanish seamen against fascism (conclusion). N. G. Kuznetsov. Vop. ist. 41 no. 6:102-110 Je '66.

SPAIN—POLITICS AND GOVERNMENT

Comments. Remarks. Brief news. Sov. profsoyuz 22 no. 12:38 Je '66.

The political atmosphere becomes heated. Juan Cobo. Mezhdunar. zitsn' 13 no. 7:101-102 '66.

SPAIN—TRADE UNIONS

Comments. Remarks. Brief news. Sov. profsoyuz 22 no. 12:38 Je '66.

For the trade-union freedom in Spain. Veem. prof. dvizh. no. 3:11-12 My '66.

SPANISH AMERICA see Latin America

SPASSKII, BORIS VASIL'EVICH, 1937-

Petrolos — Spasskii. Moskva, [Moskovskai pravda] 1966. 63 p.

SPECTROCHEMISTRY

Chemical and spectral determination of microimpurities in salts of high-purity rare alkali metals by extraction with aliphatic monocarboxylic acids. A. F. Fedestina and others. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:83-87 '66.

SPECTROGRAPHY

Mitogenic radiation of the myocardium in animals. A.A. Gurvich, V.F. Eremin, Biul. eksp. biol. i med. 61 no. 6:556-58 Je '66.

SPECTROPHOTOMETRY

Analysis of ores of nonferrous metals by atomic-absorption spectrophotometry. V.L. Ginzburg, G.I. Satarina. Zhur. anal. khim. 21 no. 5:593-597 '66.

Photoluminescence and scintillation characteristics of ethylene anthryl derivatives in polystyrene. L.L. Nagornaya and others. Zhur. prikl. spekt. 4 no. 5: 466-468 My '66.

Spectrophotometric detectors of oxygen and water vapors for air gas analyzers. F.I. Vilesov, Vest. LGU 21 no. 10:40-44 '66.

Spectrophotometric determination of iron in alloys. I.P. Kharlamov and others. Zav. lab. 32 no. 5:512-514 '66.

Spectrophotometric determination of phthalic acids and their dimethyl esters in sulfuric acid. A.I. Lazarev. Zhur. anal. khim. 21 no. 5:633-636 '66.

Spectrophotometric study of ascorbate complexes. Part 6: Study of the systems Zn, Hg, V (IV), Nb, Ta, Mo, W - ascorbic acid. K.P. Stokharov, I.A. Amantova. Vest. LGU 21 no. 10:133-138 '66.

Spectrophotometric titration in nonaqueous solutions of some naphthyl derivatives of acids. A.P. Kreshkov, L.A. Turnovskii. Zhur. anal. khim. 21 no. 5:606-609 '66.

SPECTRUM, INFRARED

Photocatalytic oxidation of vapors of organic compounds on TiO₂ studied by infrared spectroscopy. V.N. Filimonov. Khim. i tekhn. 7 no. 3:512-520 My-Je '66.

Relation between the infrared absorption value and the basal interplane distances in phylloporites. M.S. Metsik, T.I. Shishelova, V.A. Llopo. Zhur. prikl. spekt. 4 no. 5:464-466 My '66.

Study of the low-temperature decomposition of a concentrate of Gdov shales by means of infrared spectroscopy. G.V. Broi-Karre, V.A. Proskuriakov. Zhur. prikl. khim. 39 no. 5:1214-1216 My '66.

Study of the nature of acid centers of decahydronated zeolites by means of infrared spectroscopy. S.P. Zhdanov and others. Zhur. fiz. khim. 40 no. 5:1041-1047 My '66.

SPECTRUM, SOLAR

Profile of the hydrogen line Paschen's series λ 12818 Å in the solar spectrum. O.I. Mitropol'skaya. Astron. zhur. 43 no. 3:694-696 My-Je '66.

SPECTRUM ANALYSIS

Effect of sparking and mechanism of the influence of elements on the results of the spectral analysis of alloys. I.U. Muravlev. Zav. lab. 32 no. 5:554-559 '66.

Present-day trends in the spectroscopy of Raman scattering of light. V.A. Zubov, M.M. Suschinskii, I.K. Shvalov. Usp. fiz. nauk 89 no. 1:49-88 My '66.

Spectral method for determining germanium, tin, and lead in organometallic compounds. A.P. Kreshkov, E.A. Kuchkarev. Zav. lab. 32 no. 5:558-559 '66.

Spectral method of boron determination in tourmaline. V.I. Zablitskiy, T.I. Karadonen. [Trudy] UNIKHIM no. 11:91-92 '64.

Spectral method of determining iron, aluminum, and silicon admixtures in commercial chromium oxide. V.I. Zablitskiy, M.B. Saltykova. [Trudy] UNIKHIM no. 11:5-7 '64.

Spectrographic determination of impurities in cobalt solutions. I.G. Udlevich and others. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:140-142 '66.

Spectrum analysis in determining aluminum, iron, silicon, and manganese admixtures in elementary technical boron. V.I. Zablitskiy, I.B. Butycheva. [Trudy] UNIKHIM no. 11:82-85 '64.

Statistical-geochemical processing of the analytic archives of spectral laboratories. V.S. Mishchenko. Dop. AN URSS no. 6:791-794 '66.

Use of a unipolar arc for spectrum analysis. P.M. Shvartsberg, P.D. Korzh. Zav. lab. 32 no. 5:631-633 '66.

SPEECH, INTELLIGIBILITY OF

Fomicheva, M.F. [Developing a correct accent in children] Vospitanie u detei pravil'nogo proiznosheniya. Moskva, Prosveshchenie, 1966. 216 p. plates, chart (insert)

SPEECH THERAPY

Akademika pedagogicheskikh nauk RSFSR, Moscow. [Speech defects in schoolchildren of the primary grades of mass schools] Nedostatki rechi u uchashchikhsya nachal'nykh klassov massovoi shkoly. Pod red. R.E. Levinoi. Moskva, Prosveshchenie, 1965. 164 p.

SPELEOLOGY—CONGRESSES

International Speleological Congress in Yugoslavia. N.A. Gvozdet'skii. Izv. Vses. geog. ob-va 98 no. 3: 284-286 My-Je '66.

Sperm Whale

Ambergris and sperm whale hunting. M.V. Ivashin. Priroda 55 no. 7:90-93 '66.

SPHERICAL AND PRACTICAL ASTRONOMY see Astronomy, Spherical and practical

SPHERULITES

Effect of crystallization temperature on the morphology and properties of spherulite structures. L.P. Vasilevskaya and others. Dokl. AN SSSR 168 no. 4:846-847 Je '66.

SPILLWAYS

Determining the discharge capacity of tubular spillways. B.N. Tkachenko. Trudy Tadzh. sel'khoz. inst. 7:161-164 '65.

SPINAL CORD

Changes in the spinal cord in primary rheumatic carditis in children. N.A. Iakimchuk. Zhur. nevro. i psikh. 66 no. 7:1009-1012 '66.

Study of RNA amount in the cells of the spinal cord following gamma irradiation. V.R. Shungalskaya, E.N. Zarkh, N.D. Nikolaeva. Radiobiologiya 6 no. 3:353-355 '66.

Synaptic processes in motoneurons during viscerosomatic reflexes. P. Duda, F.G. Kostin, N.N. Preobrazhenskii. Biul. eksp. biol. i med. 61 no. 6:3-9 Je '66.

SPINAL CORD—BLOOD SUPPLY

Blood supply of the spinal cord. I.G. Konevalova. Arkh. anat., gist. i embr. 50 no. 3:82-86 Mr '66.

SPINAL CORD—INFLAMMATION

Encephalitis and myelitis syndromes of enteroviral etiology in children. I.M. Sysneva, E.I. Ampol'skaya. Zhur. nevro. i psikh. 66 no. 7:972-976 '66.

SPINE

Cervical region of the spine of a chicken, a guinea fowl a turkey, a duck and goose in comparative anatomical illumination. N.I. Akseviski. Trudy TVI 0:18-22 '65.

Skeleton of the thoracic, lumbar, sacral, and caudal regions of the spine of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. V.V. Smirnova. Trudy TVI 9:23-32 '65.

SPLEEN

Morphological changes in the thymus and spleen in mice exposed at birth to local irradiation with a massive X-ray dose. I.M. Goncharenko, A.I. Fridenshtein. Biul. eksp. biol. i med. 61 no. 6:103-107 Je '66.

SPLEEN—DISEASES

Etiology, pathogenesis and clinical aspects of the hepato-splenic syndrome. Report No. 1. M.R. Naz'rov, T.A. Melikova, T.P. Glashkina. Azerb. med. zhur. 43 no. 4:9-15 Ap '66.

SPLEEN—TUMORS

Cellophane tumors of the spleen. I.U. Korobko. Biul. eksp. biol. i med. 61 no. 6:82-85 Je '66.

SPODUMENE

Composition of the solid products of interaction of β -spodumene with a mixture of sodium and calcium hydroxide solutions. V.F. Barkova. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:117-120 '66.

SPONGES

(see also subdivision under Russia, Northern; Soviet Far East)

Effect of carcinogenic substances on the sycon type of sponges. G.P. Korotkova, M.A. Zheleznikovskaya. Vest. LGU no. 9:33-43 '66.

Substances of the type of normal precipitins to the antigens of the sponge *Halichondria panicea* (P) in *Actinia equitina* (L), *Arenicola marina* (L), *Mytilus edulis*, and *Styela rustica* (L). A.A. Iazykov. Biul. eksp. biol. i med. 61 no. 6:75-77 Je '66.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPORADIC E (IONOSPHERE)

Morphology and properties of the sporadic E-layer of the ionosphere according to IGY data. T.S. Kerblat, S.S. Chavdarov, I.U. K. Chasovitin. Ion. issl. no. 14: 117-128 '65.

SPORES (BOTANY), FOSSIL

Taxonomy and nomenclature of fossil pollen and spores. A.N. Sladkov. Biul. MOIP. Old. biol. 71 no. 2:70-82 Mr-Apr '66.

SPORTS

Improvement in sports technique as a system of movements. D.D. Donskoi. Teor. i prak. fiz. kult. 29 no. 6:32-34 Je '66.

A new set of sports requirements. Komm. Voornizh, SU 47 no. 12:88 Je '66.

Some characteristics of the multiannual dynamics of sports results. L.P. Matveev. Teor. i prak. fiz. kult. 29 no. 6:15-23 Je '66.

Traditional sports: Results and prospects. A. Skvortsov. Voenn. znani. 42 no. 6:83-9 Ju '65.

SPORTS—ORGANIZATION AND ADMINISTRATION see subdivision under Lipetsk Province

SPORTS—PSYCHOLOGICAL ASPECTS

Nature of the changes in the neuromuscular apparatus of a wrestler during a training bout. V.L. Fedorov. Teor. i prak. fiz. kult. 29 no. 6:47-49 Je '66.

Nervous and psychological state of athletes before an important championship. L.D. Gissen. Teor. i prak. fiz. kult. 29 no. 6:41-44 Je '66.

SPORTS MEDICINE

Morphological changes in the cortical portion of the adrenal glands under the influence of great physical stress. K.Z. Tsukanova. Teor. i prak. fiz. kult. 29 no. 6:51-54 Je '66.

SPRAYING AND DUSTING EQUIPMENT

Spraying field crops using a transplanting machine. I. Veletskii. Tekhn. v sel'khoz. 26 no. 5:75-76 My '66.

SPRINGS—TEMPERATURE see subdivision under Moscow region

SPRINGS (MECHANISM)

Automatic machine for bending plastic springs. N.Z. Sklarov. Energ. i elek. no. 1:52 Ja-F '66.

Design of helical cylindrical springs considering the deviations of their dimensions from the rated ones. S.I. D'achenko, O.N. Ivanchenko. Vest. mashinostr. 46 no. 5:26-30 My '66.

Rigidity calculation of coil-shaped springs. M.S. Lissakina. Vest. mashinostr. 46 no. 5:31-34 My '66.

SPRINKLERS

Reliability of sprinklers produced in series. R.P. Zadneprovskii. Gidr. i mel. 18 no. 6:37-39 Je '66.

SPRUCE see subdivision under Polesye; Russia, Northwestern

SPRUCE—DISEASES AND PESTS (see also subdivision under Moscow Province)

Conifer beetle *Catophus serratoricornis* as a destroyer of spruce wood. M.A. Lur'e. Sbor. rab. MLTI no. 11:61-67 '64.

Longhorn beetles as spruce pests. M.A. Lur'e. Sbor. rab. MLTI no. 11:113-124 '64.

SHEDINNYI RANGE—VOLCANOES

Recent volcanism of the Shedinnyi Range of Kamchatka. N.V. Ogorodov. Biul. vulk. sta. no. 40:40-44 '66.

STABILITY OF MOTION, THEORY OF

Monotone stability of motion in the case of a neutral linear approximation. Z.A. Iskander-Zade. Zhur. vych. mat. i mat. fiz. 6 no. 3:434-465 My-Je '66.

STAINLESS STEEL see Steel, Stainless

STAINS AND STAINING

Semiatomatic line for staining panel doors. M.D. Kharev. Der. prom. 15 no. 5:20-21 My '66.

STAINS AND STAINING (MICROSCOPY)

Lysosomes and vital staining of fibroblasts in primary tissue cultures. I.U. K. Kharner. Arkh. anat., gist. i embr. 50 no. 5:60-68 My '66.

Morphology of swine pox viruses in negative staining. E.I. Skalskii, I.U. F. Borisovich. Vop. vet. vira. 2:217-223 '66.

STALINGRAD, BATTLE OF, 1942-1943

New works on the Battle of Stalingrad published under the U.S.S.R. V.K. Pechorkin. Vop. ind. 41 no. 1: 177-184 Ji '66.

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

STALINO PROVINCE see Donetsk Province

STAMMERING

Materials on the pathophysiological mechanisms of stammering. L.G. Voronin, V.M. Vasil'eva, I.U. D. Nekrasova. Zhur. nevro. i psikh. 66 no. 5:773-781 '66.

Results of the use of tranquilizers in the treatment of stammering in children. V.A. Bibik. Zhur. nevro. i psikh. 66 no. 7:1089-1090 '66.

Treatment of patients with stammering under the conditions of a military unit. M.I. Bondarchik. Voen. i med. zhur. no. 6:71-74 Je '66.

STANDARDS, ENGINEERING

[Information index of standards] Inform. ukaz. stand. 26 no. 11 '65.

STAPHYLOCOCCAL DISEASE

Chemotherapeutic properties of methicillin. A.I. Semich. M.A. Petrova. Antibiotiki 9 no. 10:899-902 O '64.

Diagnostic and prognostic significance of the test for C-reactive protein in staphylococcal sepsis in infants. A.D. Ostrovskii. Zhur. mikrobiol., epid. i immu. 41 no. 5:103-107 My '66.

STAPHYLOCOCCAL DISEASE (Continued)

Effectiveness of novobiocin in treating infections produced by a staphylococcal strain resistant to penicillin. M.A. Petrova. Antibiotiki 9 no.10:907-910 O '64.

Experimental analysis of mixed tuberculous and staphylococcal infection in white mice. D.P. Shraer. Biol. eksp. biol. i med. 61 no.5:90-91 My '66.

Study of the effect of some antibiotics combined with the new sulfanilamide preparation sulphyridazine in the acute course of experimental staphylococcal infection. I.M. Runtalova, T.V. Golosova, T.P. Anikina. Antibiotiki 11 no.5:430-437 My '66.

STAPHYLOCOCCUS

Changes in staphylococci during artificial lysogenization and deysogenization. E.M. Paderina, Zhur, mikrobiol. i epid. i immun. 43 no.5:125-129 My '66.

Experimental in vitro study of staphylococcal strains isolated from patients. T.V. Golosova, T.P. Anikina. Antibiotiki 9 no.10:936-943 O '64.

STAPHYLOCOCCUS—CULTURES AND CULTURE MEDIA

Experimental data on joint cultivation of the yeastlike fungus *Candida albicans* and staphylococci. A.V. Lizgunova, T.V. Neznaeva. Antibiotiki 11 no.5:454-459 My '66.

STARCHI

Effect of gibberellin on the state of secondary starch in the vegetative organs of some cultivated plants. IU.O. Pervova, T.O. Palladina. Ukr. bot. zhur. 23 no.3:10-23 '66.

STARS

A class of quasi-integrals in stellar dynamics. L.S. Marochuk. Astron. zhur. 43 no.3:560-566 My-Je '66.

Initial main sequence of stars. G.V. Ruben, A.G. Masevich. Astron. zhur. 43 no.3:499-512 My-Je '66.

STARS—CATALOGS

Kiev. Universitet. Astronomichna observatoriya. [Catalogue of the position of faint stars in the PFKSZ system in the region from 10° to 30° degrees by declination] Katalog polozhenii slabykh zvezd v sisteme PFKSZ, zona ot 10° do 30° po skloneniiu. Kiev, Izd-vo Kievskogo univ., 1964. 206 p. (MIU)

STARS—CLUSTERS

Objections to M.A. Bredikhin. V. Lomann. Astron. zhur. 43 no.3:697 My-Je '66.

Structure of the clusters Pleiades, Praesepe, and Coma Berenices. N.M. Artukhina, P.N. Khlopov. Astron. zhur. 43 no.3:567-578 My-Je '66.

STARS, NEW—CONSTITUTION

Analysis of the chemical composition of nova envelopes. Pt. 3. P.R. Maseti, L.I. Baranova. Astron. zhur. 43 no.3:468-498 My-Je '66.

STARS, VARIABLE

Determining the elements of eclipsing systems containing a component with an extended spherical atmosphere. A.M. Cherepanchuk. Astron. zhur. 43 no.3:517-527 My-Je '66.

Variations of the polarization and brightness of magnetic variable star HD 215441. N.S. Polosukhina, L.L. Lebedeva. Astron. zhur. 43 no.3:513-516 My-Je '66.

STARUNYA REGION (UKRAINE)—PALEONTOLOGY

Giant fossils; history of the excavations at Starunya. K.A. Tatarinov. Priroda 55 no.0:33-44 '66.

STATE, THE

The class nature and internal functions of the capitalist state. V.A. Tumanov. Sov. gos. i pravo 36 no.7:60-69 J1 '66.

STATE FARMS

Sportmen of our state farm. V. Ignatov. Sov. profsoyuz 22 no.12:26-27 Je '66.

STATE FARMS—ACCOUNTING see subdivision under Estonia; Uzbekistan

STATE FARMS—AUDITING AND INSPECTION

Zuksov, A.V., and A.P. Lysenkov. [Public bureau of economic analysis on a state farm] Obshchestvennoye biuro ekonomicheskogo analiza v sovkhooze. [Moskva] Profizdat, 1964. 38 p. (Biblioteka sel'skogo profsoyuznogo aktivista, no. 9 (33))

STATE FARMS—FINANCE

(see also subdivision under Ukraine; White Russia)

Some problems of issuing credit to state farms. F. Almateldinov. Den. i kred. 24 no.6:23-29 Je '66.

STATE FARMS—MANAGEMENT

(see also subdivision under Ruzayevka District, Mordovia)

Ascent. G. Shebdeglov. Sov. profsoyuz 22 no.10:11-12 My '66.

Bend toward economy. P. Afanas'ev. Sov. profsoyuz 22 no.11:5-7 Je '66.

Fuller, more thoroughly, better! M.E. Davydov. Zakup. sel'khoz. prod. no.5:4-6 My '66.

STATE FARMS—STATISTICS

Specialization of production on the state farms of the R.S.F.S.R. B. Pleshkov. Vest. stat. no.7:26-33 '66.

STATES, NEW—CONGRESSES

Leningrad. Universitet. [Results and prospects for the social and economic development of young sovereign states; academic conference materials of the Department of the Economics of Modern Capitalism, October 20-29, 1965] Rogi i perspektivy sotsial'no-ekonomicheskogo razvitiia molodykh suverennykh gosudarstv; materialy nauchnoi konferentsii kafedry ekonomiki sovremennogo kapitalizma (26-29 oktyabrya 1965 g.) [Leningrad] Izd-vo Leningra univ., 1965. 125 p.

STATES, NEW—ECONOMIC CONDITIONS—BIBLIOGRAPHY

Sources for and literature on the economic problems of the recently liberated countries. K.I. Bobkov. Vest. vys. shkoly 24 no.6:62-69 Je '66.

STATES, NEW—FOREIGN RELATIONS—RUSSIA

Legal foundations for the international relations of the U.S.S.R. with the young independent states of Asia and Africa. M.N. Alekserov. Uch. zap. AGU, Ser. iurid. nauk no.2:3-15 '64.

STATISTICAL MECHANICS

Green's functions for model Hamiltonians. N.N. Bogolubov, Jr. Dokl. AN SSSR 168 no.4:766-769 Je '66.

STATISTICAL WEATHER FORECASTING

Accuracy of the analysis of synoptic charts by various methods. K.M. Ingina. Trudy GGO no.181:133-145 '66.

Formation of a seasonal air temperature anomaly and the relation with its distribution in the northern hemisphere. M.A. Dufiseva, D.A. Pod'. Trudy TSIP no.153:47-63 '66.

Long-range forecasting of the intensity of zonal atmospheric circulation. N.I. Zverev. Trudy TSIP no.153:79-89 '66.

Method of forecasting anomalies of the air temperature for the autumn months in Western Siberia and northern Kazakhstan. A.V. Babkin. Trudy TSIP no.153:3-21 '66.

Method of forecasting the mean monthly air temperature anomaly taking into consideration its intensity in the northern hemisphere. K.A. Vasukov, D.A. Pod'. Trudy TSIP no.153:22-40 '66.

One method of the reconstruction of the geopotential field of the 500 millibar surface. V.V. Kiemlin. Trudy GGO no.191:86-91 '66.

Physicostatistical method of forecasting air temperature anomalies in Western Siberia and northern Kazakhstan during the autumn months. A.V. Babkin. Trudy TSIP no.153:90-95 '66.

Statistical method of forecasting seasonal air temperature anomalies. D.A. Pod'. Trudy TSIP no.153:60-78 '66.

Statistical method of forecasting the index of zonal atmospheric circulation. N.I. Zverev, L.I. Kashleva. Trudy TSIP no.153:64-68 '66.

Statistical method of forecasting the monthly amount of precipitation for Transcaucasia. D.I. Vachnadze. Trudy TSIP no.153:41-46 '66.

STATISTICS

Problems of statistics discussed in newspapers and journals. Vest. stat. no.8:81-82 '66.

Statistics as a method of scientific epistemology. G.A. Podkorytov. Nek. vop. metod. nauch. issl. no.1:39-62 '66.

STATUTES—TRANSLATING

Organization and methodology of translating the rule-making enactments of the Soviet Union and the Union Republics. A.S. Pigolkin. Sov. gos. i pravo 36 no.6:53-60 Je '66.

STAVROPOL TERRITORY—OIL WELLS—TESTING

Experience in and method of using layer testers in drilling test wells in the Stavropol Oil Drilling Trust. V.A. Slapysko. Neft. khoz. 44 no.5:24-25 My '66.

STAVROPOL TERRITORY—PETROLEUM PRODUCTION

Results of the exploitation and investigation of wells producing simultaneously and separately two layers in fields of the Stavropol Territory. I.Z. Salatinian and others. Neft. khoz. 44 no.5:36-38 My '66.

STAVROPOL TERRITORY—SEED INDUSTRY

In the position of a stepson. G. Khripkov. Zakup. sel'khoz. prod. no.5:46-47 My '66.

STEAM

Decreasing unit expenditure of steam in the manufacture of reinforced concrete pipes. A.A. Voznesenski and others. Prom. energ. 21 no.5:6-10 My '66.

Efficient system for cooling reduced steam in reduction-cooling systems. I.G. Plisan, R.Kh. Vishnev. Energ. tekhn. 14 no.8:12-13 Je '66.

Equalization of the flow of secondary steam in oxygen converter departments. P.S. Kolobkov. Izv. vys. ucheb. zav.; energ. 9 no.5:126-128 My '66.

STEAM BOILERS see Boilers

STEAM POWER PLANTS

Determination of the central heating factor of heat and electric power plants with counterpressure pipes. A.I. Kornelchev. Prom. energ. 21 no.5:33-35 My '66.

STEAM TURBINES

Buckling of the cylinders of steam turbines due to temperature difference at the top and bottom. B.V. Shostakovskiy, V.A. Palei. Energomashinoostroenie 12 no.5:31-33 My '66.

Calculations of linear expansion in the PVK-200-1 turbine. A.A. Bedrinski, Energomashinoostroenie 12 no.5:6-8 Je '66.

Device for controlling the relative expansion of a turbine rotor. G.G. Aleksandrovskiy and others. Energomashinoostroenie 12 no.6:39-40 Je '66.

Dynamic characteristics of a 50 Mw. boiler-turbine block with high steam parameters. N.IA. Zaslavskaya. Probl. teploenerg. i prikl. teplofiz. no.2:223-229 '65.

Electrohydraulic controller of the speed of a steam turbine (electrical part). G.G. Volozhin, M.V. Oshvang, I.D. Fedisev. Trudy VPI no.73:50-63 '66.

Experimental study of plane vane cascades of turbines operating in wet steam. I.I. Kirillov, I.P. Faddeev, Kh.Kh. Tsigler. Izv. vys. ucheb. zav.; energ. 9 no.5:54-59 My '66.

Flow about the peripheral sections of long blades with subsonic speeds at the input. R.N. Alekseeva. Teploenergetika 13 no.5:39-38 My '66.

Grinding of the exhaust ducts of the cylinders of low-pressure steam turbines in an assembly stand. V.S. Lyshtits, Energomashinoostroenie 12 no.5:40-41 My '66.

High-temperature TsKTI-LPI steam-gas system. I.I. Kirillov and others. Teploenergetika 13 no.5:25-29 My '66.

Increasing the stability of parallel operation of turbo-generators using high-speed control of the torque of the steam turbines. G.R. Gertsberg and others. Trudy VPI no.73:109-143 '66.

Leakage of water through an eccentric gap. V.S. Lyshtits, Energomashinoostroenie 12 no.5:41-42 My '66.

[Manual for studying the regulations on the technical operation of electric power stations and networks: Pipelines and feeding systems, steam turbine systems] Posobie dlia izucheniia pravil tekhnicheskoi ekspluatatsii elektrotcheskikh stantsii i setei: Truboprovody i pitatel'nye ustanovki, paroturbinnyye ustanovki. Moskva, Energiya, 1966. 180 p.

Methodology in an experiment for determining the dynamic characteristics of a boiler-turbine block using a statistical technique. L.K. Suleimenova. Probl. teploenerg. i prikl. teplofiz. no.2:230-236 '65.

Stability of an automatic steam pressure control system at the input of a turbine. V.M. Dubilovich. Teploenergetika 13 no.5:71-73 My '66.

Study of turbine stages with fixed and rotating banding seals. A.A. Klimtsov, A.A. Tereshkov. Izv. vys. ucheb. zav.; energ. 9 no.5:66-70 My '66.

STEAM TURBINES—MAINTENANCE AND REPAIR

Use of network methods in the planning and administration of the repair of large steam turbine blocks. IU. IA. Tarnopolski, G.V. Knigavko. Energ. i elek. no.1:50-52 Ja-F '66.

STEAM TURBINES—STANDARDS

Interfactory standardization of steam turbines. I.I. Kirillov, V.A. Ivanov. Energomashinoostroenie 12 no.5:44-45 My '66.

STEAMPIPES

Experience of long-term operation of austenitic steel steampipes in electric power plants abroad. V.N. Zeman, R.Z. Shron. Energomashinoostroenie 13 no.5:45-49 My '66.

Experimental study of a flared pipe cluster with Z and O structure. V.A. Lokshin, S.G. Dupleva, A.U. Lipets. Teploenergetika 13 no.5:73-76 My '66.

Generalization on experimental data on heat emission during the bubbling of underheated liquids in pipes. IU. E. Pokhvalov, I.V. Kronin, I.V. Kurganova. Teploenergetika 13 no.5:83-88 My '66.

Relative motion of a steam phase during the adiabatic flow of a two-phase current in pipes. V.I. Batishchev. Teploenergetika 13 no.5:93-94 My '66.

STEAMPIPES—WELDING

Reliability of the weldings of heating surface pipes of TP-100 boilers. N.V. Bugal. Energ. i elek. no.1:41-42 Ja-F '66.

STEEL

Electrical steel in 3x1500x2000 mm. sheets. A. A. Nefedov, V. A. Garoian, V. G. Borisenko. *Elektrotehnika* 37 no. 5: 8 My '66.

STEEL—BRITTLENESS

Embrittling effect of a preliminary and accompanying heating in welding high-strength steel. V. N. Dubrov. *Izv. vys. ucheb. zav.; mashinost.* no. 4: 141-144 '66.
Investigating the effect of cyclic deformation on the cold brittleness of steel subjected to percussive bending. I. V. Kiselev, K. V. Popov. *Izv. vys. ucheb. zav.; mashinost.* no. 4: 47-51 '66.

STEEL—CORROSION

Effect of dissolvent demulsifiers on the corrosion of steel in waste waters of the Sokolovogorskoye oil field. O. R. Larionova, G. M. Kudrashova. *Neft. khoz.* 44 no. 3: 51-55 My '66.

STEEL—FATIGUE

Statistical evaluation of regularities in the changes of fatigue characteristics. V. M. Grebenik. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 195-205 '66.

STEEL—FINISHING

Increasing the durability of hardened steel parts by burnishing. D. D. Papshev. *Vest. mashinost.* 46 no. 5: 57-60 My '66.

STEEL—HARDENING

Karpenko, G. V., and others. [Steel hardening by mechanical methods] Uprochnenie stali mekhanicheskoi obrabotkoi. Pod red. G. V. Karpenko. Kiev, Naukova dumka, 1966. 201 p.

Metal hardening during the shape forming of steel strips on a cold roll forming mill. V. A. Gamarshstein, V. A. Stepanov, V. N. Shapoval. *Met. i gornorud. prom.* no. 3: 34-36 My-Je '66.

Preliminary thermomechanical treatment of carbon steel. V. A. Zaitnovskii, M. L. Bershtein. *Izv. AN SSSR, Met.* no. 3: 118-124 My-Je '66.

Thermal hardening of rolled products. K. F. Starodubov. *Met. i gornorud. prom.* no. 3: 46-48 My-Je '66.

Thermomechanical treatment of rail steel. L. I. Tushinskii and others. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 137-140 '66.

Unit for hardening torsion-bar steel plates in dry dies. N. A. Khaustov. *Avt. prom.* 32 no. 6: 44-45 Je '66.

STEEL—HEAT TREATMENT

High-speed nonoxidizing heating and cooling of connecting rods in a fluidized bed. V. A. Antifeev, A. P. Baskakov, V. F. Chokhin. *Vest. mashinost.* 46 no. 5: 73-75 My '66.

STEEL—MAGNETIC PROPERTIES

Unit for automatic measurement of magnetic induction in sheets of transformer steel. V. V. Gukhshtein, M. M. Leshchiner. *Zav. lab.* 32 no. 5: 622-624 '66.

STEEL—METALLOGRAPHY

Effect of the form of ferrite on the recrystallization of steel in fractures. N. N. Lipchin, I. A. Bolykh, B. V. Gromov. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 141-144 '66.

Effect of ultrasonic waves on the decomposition of the residual austenite in KhVG steel. E. G. Aizenston, A. I. Uvarov. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 121-124 '66.

High-temperature metallography of the kinetics of bainite transformation in low-alloyed steel. V. A. Dubrov. *Fiz. met. i metallov.* 18 no. 1: 76-82 Ji '64.

Martensite deformation in austenite steels under the effect of explosive loading. M. A. Filippov, I. N. Bogachev. *Fiz. met. i metallov.* 20 no. 5: 881-888 D '65.

Quantitative separation of the ferrite phase from steel OX21HST. V. P. Razygraev, N. V. Khakhlova. *Zav. lab.* 32 no. 5: 514-517 '66.

Studying $\alpha\text{-}\gamma$ transformations by changes of texture. A. S. Kagan, I. P. Sorokin. *Fiz. met. i metallov.* 20 no. 6: 888-893 D '65.

Studying the recrystallization of steel during heating by the high-temperature X-ray method. S. S. D'achenko, G. V. Fedorov. *Fiz. met. i metallov.* 18 no. 1: 73-77 Ji '64.

Theory of the effect of pressure on the decomposition of austenite in hypoeutectoid steel. B. A. Lushov, V. G. Tsyganenko. *Izv. AN SSSR, Met.* no. 3: 105-112 My-Je '66.

STEEL—METALLURGY

Chromium participation in the deoxidation of steel. V. S. Konovalov. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 19-24 '66.

Improving the quality of open-hearth steel by treating it with a rare-earth metal alloy. V. F. Kravchenko and others. *Izv. AN SSSR, Met.* no. 3: 13-18 My-Je '66.

Mechanism of steel dephosphorization. V. K. Laptev. *Za tekhn. prog.* 4 no. 11: 32-35 N '64.

Zaverlukha, N. V., L. A. Volkov, and A. V. Chechetkin. [Steel powder] Razlivshchik stali. [Moskva] Metallurgiya, 1966. 172 p.

STEEL—TESTING

Changes in external shape and mechanical properties of cementite in strain aging of spring steel. M. A. Kotkina. *Avt. prom.* 32 no. 6: 39-41 Je '66.

Device for measuring the surface hardness of steel by means of galvanomagnetic transducers. E. I. Borshchenko, B. I. Tereshchenko. *Zav. lab.* 32 no. 5: 619-621 '66.

Ultimate strength of steels under cyclic bending and static torsion. S. N. Nishporchik. *Izv. vys. ucheb. zav.; mashinost.* no. 4: 43-47 '66.

X-ray diffraction method for determining the grain size in tempered steels from intensity fluctuations. V. A. Landa, R. P. Leshchinskaya. *Zav. lab.* 32 no. 5: 560-568 '66.

STEEL—WELDING

Choice of austenitic steel for welded structures in power engineering. M. M. Timofeev, P. I. Cheshev. *Energomashinostroyeniye* 12 no. 6: 32-35 Je '66.

STEEL, HEAT RESISTANT

Operating life of pins from KhN35VT (E1612) alloy. G. A. Stepanov. *Teplotoenergetika* 13 no. 5: 55-57 My '66.

STEEL, HEAT RESISTANT—HARDENING

Effect of the temperature of plastic deformation on the mechanical properties of austenitic heat resistant steels. M. M. Shteinberg and others. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 125-130 '66.

STEEL, STAINLESS

Effect of ultrasound on the plasticity of high boron stainless steels. L. F. Alshevskii and others. *Atom. energ.* 20 no. 5: 440-442 My '66.

STEEL, STAINLESS—ELECTROMETALLURGY

Material balance of titanium during the electric smelting of stainless steel. V. A. Kamardin, E. I. Kadnikov, E. I. Moshkevich. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 80-87 '66.

STEEL, STRUCTURAL

Changes in the selection and improvement of the quality of rolling in the Ukraine in the seven-year plan. N. A. Tereshchenko, D. E. Golparina. *Met. i gornorud. prom.* no. 3: 73-81 My-Je '66.

STEEL, STRUCTURAL—TESTING

Use of an a. c. austenitometer for testing structural steels. B. A. Leont'ev, L. S. Palatnik, I. A. Ispoktor. *Zav. lab.* 32 no. 5: 637-639 '66.

STEEL ALLOYS—METALLOGRAPHY

Characteristics of the structure and properties of patented, cobalt-alloyed wire. V. I. Zubov, V. R. Haraz. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 131-135 '66.

STEEL CASTINGS

Mechanism of ferrite hardening during the heating of cast carbon steel inoculated with aluminum. I. I. Khoroshev, V. M. Zhuravskii. *Fiz. met. i metallov.* 20 no. 6: 902-907 D '65.

STEEL FORGINGS—DEFECTS

Experiments in modeling the welding-up of defects during the upsetting and drawing of low-plasticity steel. V. I. Zaleskii, I. I. Kozlov, M. S. Tsilbanova. *Kuz. i shtam. proizv.* 3 no. 6: 15-19 Je '66.

STEEL INDUSTRY

see subdivision under Volgograd

STEEL INDUSTRY—FINANCE

(see also subdivision under Zhdanov)

Ways of strengthening business accounting in ferrous metallurgy. L. Birman. *Fin. SSSR* 40 no. 6: 43-49 Je '66.

STEEL INDUSTRY—MANAGEMENT

(see also subdivision under Volgograd)

[Mathematical methods in the economics of metallurgy] Ekonomiko-matematicheskoe metody v metallurgii. Donetsk, Donbass, 1966. 88 p.

Zimlin, V. N., and D. I. Popov. [Economic use of metal] Ekonomika metallov. Moskva, Ekonomika, 1966. 162 p.

STEEL INGOTS

Effect of certain factors on the solidification of a steel ingot. V. D. Maron and others. *Izv. vys. ucheb. zav.; chern. met.* 9 no. 6: 75-79 '66.

Improving the capping of rimmed steel with aluminum. V. P. Pogorelyi, G. S. Kolyanov, V. M. Sorochinskii. *Met. i gornorud. prom.* no. 3: 23-25 My-Je '66.

Influence of various reducing agents on the quality of steel ingots and mechanical properties of semikilled steel. I. A. Shmezerov and others. *Met. i gornorud. prom.* no. 3: 23-29 My-Je '66.

STEEL INGOTS—DEFECTS

Selecting the speed of pouring killed steel in sheet molds. I. S. Furman and others. *Met. i gornorud. prom.* no. 3: 29-30 My-Je '66.

STEEL PIPE

see Pipe, Steel

STENOGRAPHY

see Shorthand

STEPNOVSKOYE GAS FIELD—GAS FIELD DEVELOPMENT

Development stage of the Stepnovskoye gas condensate field. A. V. Demchenko. *Gaz. delo* no. 6: 17-21 '66.

STEREOCHEMISTRY

Electrophilic substitution at the olefin atom of carbon. Report No. 4: Kinetic and stereochemistry of the reaction of trans- and cis- β -chlorovinylmercury chloride with iodine in carbon tetrachloride and benzene. I. P. Beletskii. V. I. Karpov, O. A. Reutov. *Izv. AN SSSR, Ser. khim.* no. 6: 963-966 '66.

Stereochemistry of tropinone reduction catalyzed by sodium alcoholates. I. Welaz and others. *Izv. AN SSSR, Ser. khim.* no. 6: 1210-1211 '66.

Stereospecific mutarotation of α -L-rhamnose under the effect of optical isomers and in the presence of α -phenylethylamine succinate as a catalyst. V. A. Pavlov, E. I. Kabanovskii, A. A. Bolanin. *Kin. i kat.* 7 no. 4: 551-553 My-Je '66.

STEREOPHONIC SOUND SYSTEMS

In foreign countries. Radio no. 5: 50-61 My '66.

STERIC HINDRANCE

Steric hindrances in aromatic molecules and their conformations. R. L. Avetian, R. T. Struchanov, V. G. Dashkevskii. *Zhur. at. i mol. fiz.* 7 no. 2: 323-328 My-Je '66.

STERILITY IN ANIMALS

Use of avariacytotoxic serum in sterility of cows. N. P. Sukhanov. *Izv. Khab. SKhK* 17: 279-281 '66.

STERILITAMAK—CONSTRUCTION INDUSTRY

An ascending spiral. M. Gafurov. *Mol. kommun.* no. 6: 31-41 Ag '64.

STINKBUGS

Stinkbugs from the family Urostylidae (Heteroptera, Pentatomidae) in the U.S.S.R. I. M. Kershner. *Trudy Zool. inst.* 37: 45-50 '66.

STOCHASTIC PROCESSES

Akademika nauk Uzbekskoi SSR, Tashkent. Institut matematiki. [Limit theorems and statistical deductions] Predelnye teoremy i statisticheskie vyvody. Tashkent, Izdatel'stvo "Fan" Uzbekskoi SSR, 1966. 101 p.

Effect of the duration of the realization on the shift of the evaluation of the correlation function of a stationary random process. N. M. Mallarevskii. *Radiotekhnika* 21 no. 5: 770-771 My '66.

Nonlinear transformations of random processes. A. V. Skorokhod. *Kibernetika* no. 1: 34-40 Ja-F '66.

STOCK AND STOCKBREEDING

(see also subdivision under Belgorod Province; Chernogor Province; Lvov Economic Region)

Herd structure in collective farm sections producing for the market. N. V. Nechaev. *Trudy Mosk. vet. akad.* 14: 205-216 '66.

Livestock farming in the new five-year plan. M. Latukha. *Ekon. sovet.* 41 no. 5: 60-76 My '66.

Tsyukov, M. I. [Organization of animal husbandry on farms] Organizatsiya zhivotnovodstva na formakh. Moskva, Kotos, 1966. 307 p. (DNI.)

STOCK AND STOCKBREEDING—ACCOUNTING

Accounting for young livestock and feeder cattle on collective farms. N. Klimov. *Vest. stat.* no. 6: 40-55 '66.

STOCK AND STOCKBREEDING—STUDY AND TEACHING

see subdivision under Buryat A.S.S.R.

STOMACH

Changes in the temperature of the stomach mucosa in swine under the effect of feed stimulants. S. I. Iavorslav and others. *Nauk. pratsi vuzovsk. fak. UAHIN* 15 no. 2: 109-112 '61.

STOMACH—CANCER

Detection of tumor cells in the abdominal cavity in cases of stomach cancer. M. A. Zybina. *Vop. onk.* 12 no. 6: 21-26 '66.

Surgical tactics in tumors of the stomach growing into the mesentery of the transverse colon. O. P. Amelina. *Vop. onk.* 12 no. 6: 60-62 '66.

STOMACH—DISEASES

Characteristics of the clinical course of some gastrointestinal diseases caused by lamblia. Vozn. med. zhur. no. 12: 30-42 D '65.

STOMACH—INFLAMMATION

Afferent impulses in nerves of the stomach in acute inflammation of its mucous membrane. V. I. Vrubelova, V. B. Zakharovskii. *Trudy Inst. fiziol.* 1961-66 '65.

STOMACH--INNERVATION

- Afferent impulses in nerves of the stomach in acute inflammation of its mucous membrane. V.I.U. Ermolaeva, V.B. Zakharzhevskii. *Trudy Inst. fiziol.* 11:81-86 '65.
- Comparative study of the role of interoceptive factors in feeding habits of animals. Report No.1. Sucking reflex in puppies receiving food through gastric fistula. F.Sh. Alimov, Iants, L.V. Lovanova. *Trudy Inst. fiziol.* 11:48-59 '65.
- Motor-secretory function of intact and denervated small intestine segments following interoceptive stimulations of the gastrointestinal tract in man. G.A. Kataeva and others. *Trudy Inst. fiziol.* 11:205-212 '65.

STOMACH--MOTILITY

- Conditioned response activity of dogs in ontogeny and its change following stimulation of mechanoreceptors of the stomach. N.A. Moiseeva. *Trudy Inst. fiziol.* 11:58-62 '65.
- Materials on changes in the secretion and motility of the stomach following infusion of hydrochloric acid into the duodenum. E.M. Matrosova. *Trudy Inst. fiziol.* 11:225-245 '65.

STOMACH--SECRETIONS

- Effect of an extensive resection of the small intestine on the secretory function of the stomach. G.I.A. Odishvili. *Trudy Inst. eksp. i klin. khir. i gemat.* AN Gruz. SSR 8: 175-181 '59.
- Effect of pepsin on the motor and secretory function of the gastrointestinal tract. M.I. Rabinovich, L.G. Pavlik. *Trudy TVI* 9:79-83 '65.
- Effect of some rations and individual feeds on the motor-secretory motility of complex stomach in sheep. I.A. P. Dedashev. *Izv. Khim. SKH* 17:210-212 '65.

STOMACH--SURGERY

- Reaction of the stomach by Billroth's first method in perforating ulcers of the duodenum. L.M. Nikolaisvili. *Trudy Inst. eksp. i klin. khir. i gemat.* AN Gruz. SSR 8: 187-193 '59.

STOMATOLOGY

- Experience in the organization of sanitary education on stomatology in the navy. S.N. Uglava. *Voen.-med. zhur.* no.12:62-63 D '65.

STONE

- (see also subdivision under: Olbia (Dorystheses))
Monograph on sawed stone. *Stroi. mal.* 12 no.2:35 F '66.

STONE, CAST

- lime-concrete wall stone. N.D. Plushko. *Stroi. mal.* 12 no.2:17 F '66.
- Preparing acid-resistant and wear-resistant castings on a blast-furnace slag basis. I.U.D. Kruchinin. *Slek. i ker.* 23 no.6:16-19 Je '66.

STONE AGE see subdivision under Crimea

STONE INDUSTRY see subdivision under Armenia

STONY TUNGUSKA VALLEY see Podkamennaya Tunguska Valley

STOPING (MINING)

- Record loads in a slope. G.F. Grigor'ev, V.G. Belikhin. *Ugol'* 41 no.6:76-78 Je '66.
- Studying the ore yield during its blasting in a tight face area. N.P. Vlokh. *Dob. i obog. rud. tsvet. met.* no.3: 28-27 '64.

STOPING (MINING)--EQUIPMENT AND SUPPLIES

- Experience in using the OMKT mechanized stoping equipment complex in the No.40 "Kurakhovka" coal mine. G.S. Pershke, S.G. Horbenko, V.M. Turot'sev. *Ugol'* 41 no.6:9-11 Je '66.

STOPING (MINING)--LABOR PRODUCTIVITY see subdivision under Donetsk Basin

STORAGE BATTERIES

- Apparatus for the removal of the elements of storage batteries. V. Zinov'ev. *Tekh. v sel'khoz.* 20 no.5: 89 My '66.

STORAGE BATTERIES--MAINTENANCE AND REPAIR

- Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Storage batteries; their operation, technical maintenance and repair] Akkumulyatornye bataroi; ekspluatatsiya, tekhnicheskoe obsluzhivanie i remont. Moskva, Transport, 1966, 238 p.

STORES, RETAIL--DESIGN AND CONSTRUCTION see subdivision under Volgograd

STORES, RETAIL--EMPLOYEES

- Current problems in training the personnel of military retail stores. A. Driagin. *Komm. Vooruzh. Sil* 47 no.12:51-58 Je '66.

STRABISMUS

- Practical importance of simultaneous instillation of atropine combined with adrenaline to accelerate the complete paralysis of accommodation for near vision. M.M. Kurbanova. *Trudy Azerb. nauch.-issl. inst. oft.* 4:92-94 '63.

STRADINS, PAULS, 1896-1958

- Academician Pavul'ionovich Stradins, physiotherapist and researcher of the health resorts of Latvia; on the 70th anniversary of his birth. M.B. Subodrov. *Vop. kur. fizioter. i lek. fiz. kul't.* 31 no.2:172-174 Myr-Ap '66.

STRAIN GAUGES

- Methods of studying contact stresses during plastic deformation with the help of universal pins. A.N. Lavanov. *Kuz.-shtam. prozv.* 8 no.6:10-20 Je '66.
- Using strain measurement for determining the position of a neutral axis in oblique bending. M.U. Maitransaev. *Trudy Tadzh. sel'khoz. inst.* 7:102-107 '65.

STRAINS AND STRESSES

- Calculation of stress originating in the area of the connection of a cylindrical shell and a branch pipe. G.I. Fedenko. *Energomashinostroenie* 12 no.5:24-27 My '66.
- Determining pressures in trapeziform section grooves. I.M. Pavlov, I.G. Astakhov, M.M. Mechaurov. *Trudy MEI* no.61 pt.1:43-52 '65.
- Determining stresses on the cutting edges of hard-alloy blanking dies. S.M. Khmura and others. *Kuz.-shtam. prozv.* 8 no.6:22-24 Je '66.
- Determining the Poisson's ratio in uniaxial textures. I.P. Talashnikov, K.S. Aleksandrov. *Fiz. met. i metalloved.* 18 no.1:142-145 31 '64.
- Effect of initial stresses on the elastic moduli. V.A. Zhdanov, V.F. Kurlov. *Fiz. met. i metalloved.* 20 no.6:925-927 D '65.
- Experimental study of the nature and magnitude of the force needed to move the saw of an edging machine with a hydraulic drive. G.M. Gernet. *Izv. vys. ucheb. zav. i los. zhur.* 9 no.2:112-115 '66.

- Integrals of equations for critical two-dimensional stress equilibrium for brittle materials. I.V. Makarov. *Fiz.-tekh. prob. razrab. pol. iskop.* no.3:29-34 '65.

- Internal stresses in iron coatings. F.M. Poregudov. *Trudy Tadzh. sel'khoz. inst.* 7:37-42 '65.

- Some regularities of stress formation caused by welding. V.A. Vinokurov. *Izv. vys. ucheb. zav. i mashinost.* no.4:145-150 '66.

- Study of the stresses of foundation frames with anchorless structure using optically transparent models. P.V. Gordin. *Energomashinostroenie* 11 no.12:22-23 D '65.

- Using the lattice method in determining stresses in shaped parts. V.S. Zhukovskii, A.I. Surkov, B.A. Morozov. *Vest. mashinost.* 46 no.6:18-21 Je '66.

STRAINS AND STRESSES--MODELS

- Studying stresses on the housing of the A714 automatic press by means of an organic glass model. G.A. Novotitskii, V.S. Solodianskiy. *Kuz.-shtam. prozv.* 8 no.6:30-34 Je '66.

STRATEGY see subdivision under United States

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATIGRAPHIC PALEOBOTANY see Paleobotany, Stratigraphic

STRAW AS FEED

- Digestibility of chemically processed straw and nitrogen metabolism in experiments with wethers: a preliminary report. M.I. Zvereva, P.N. Plankovskii. *Trudy TVI* 9:236-237 '65.
- Effect of urea and lime on the digestibility of cellulose and lignin, and nitrogen and phosphorus metabolism in experiments with sheep. M.I. Zvereva. *Trudy TVI* 9:233-235 '65.

STRAWBERRIES--VARIETIES

- Cytogenetic study of hybrids between three species of the genus *Fragaria* L. T.S. Fadeeva, V.N. Migulovskaya. *Vest. LGU* no.9:119-131 '60.

STREAM MEASUREMENTS

- (see also subdivision under Siberia, Western)
Determining the levels for the setting of transmitters of flash flood radio warning devices. I.V. Bogolubova. *Trudy GGI* no.132:126-138 '66.
- Hydraulic jump as a water meter. M.S. Vyazgo, B.G. Mat'eev. *Izv. AN Uz. SSR. Ser. tekhn. nauk* 10 no.3:43-47 '66.

STREET CLEANING

- To keep city streets clean. *Zhil. i kom. khoz.* 16 no.7:14 JI '65.

STREET LIGHTING see subdivision under Mafkop

STREET RAILWAYS

- Fainberg, A.I., ed. [Economics, organization and planning of municipal electric transportation] Ekonomika, organizatsiya i planirovaniye gorodskogo elektrottransporta. Moskva, Stroiizdat, 1966, 233 p.

STREET RAILWAYS--ELECTRIC EQUIPMENT

- Efremov, I.S., and G.V. Kosarev. [Electrical equipment and automatic control of the rolling stock of urban transportation] Elektricheskoe oborudovaniye i avtomatizatsiya podvzhoznoy sostavy gorodskogo transporta. Moskva, Stroiizdat, 1965, 335 p.

STRENGTH OF MATERIALS

- Device for pressure control in stress-rupture strength tests of materials and films impermeable to gas. V.V. Livanov. *Zav. lab.* 32 no.5:617-618 '66.
- Device for testing the strength of catalyzer rings. A.V. Dudenkov. *Zav. lab.* 32 no.5:618-619 '66.
- Methodology for testing the connection ring of the separator rotor. V.I. Sokolov, I.V. Koshelev. *Izv. vys. ucheb. zav. i pishch. tekhn.* no.3:134-138 '66.
- Methods for determining the stress-rupture strength of fibrous wooden slabs while under the action of moist media. K.V. Panferov, O.B. Tuzneva. *Zav. lab.* 32 no.5:605-608 '66.
- Methods for extrapolating the stress-rupture strength of polymers. I.U. M. Ivanov. *Zav. lab.* 32 no.5:583-589 '66.

STREPTOCOCCAL INFECTIONS

- Incidence of rheumatism and other streptococcal infections in schoolchildren. N.A. Likhina, K.V. Zaranina, M.S. Meller. *Zhur. mikrobiol., epid. i immun.* 43 no.5:120-125 My '66.

STREPTOCOCCUS

- Bacteriological study of the blood in septic endocarditis and rheumatism. V.F. Kondrat'eva. *Zhur. mikrobiol., epid. i immun.* 43 no.5:31-34 My '66.
- Determination of the localization of streptococcus membranes in the tissues of mice using the immunofluorescent method. A.S. Kaplanishvili and others. *Biol. eksp. biol. i med.* 61 no.5:84-87 My '66.
- Lysogenicity in streptococci isolated from patients with scarlet fever. A.G. Leonova, A.R. Zemeli. *Zhur. mikrobiol., epid. i immun.* 43 no.5:99-102 My '66.

STREPTOMYCIN

- Effect of the inoculation dose on the growth of the plague agent in the presence of streptomycin. L.N. Klassovskii. *Antibiotiki* 9 no.10:923-925 O '64.
- Experimental use of dihydrostreptomycin ascorbate in pulmonary tuberculosis. E.S. Stepanian and others. *Antibiotiki* 11 no.5:460-471 My '66.
- Results of streptomycin treatment for noninfectious pneumonia in calves. N.I. Sumerakii. *Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst.* 3:50-57 '65.

STRESS (PHYSIOLOGY)

- Tissue structure of the aortic arch under different physiological conditions of the organism. III. P. Antypchuk. *Dop. AN URSR* no.5:922-924 '66.

STRESS WAVES

- Certain problems of the seismic effect of blasting at the Dzhezkazgan mine. A.A. Petrov. *Dob. i obog. rud. tsvet. met.* no.3:24-26 '64.

STRUNG INSTRUMENTS, BOWED see subdivision under Armenia

STRIP MINING

- (see also subdivision under Kazakhstan)

- Hydraulic transportation of rock from strip pits. A.D. Gusev, A.P. Konik, T.G. Mukhina. *Stroi. mal.* 12 no.2:10-11 F '66.
- Improving the technology of rail-laying operations in strip mines. I.I. Plaskin, Zh.K. Fluegov, A.A. Solentsov. *Dob. i obog. rud. tsvet. met.* no.3:5-7 '64.
- Influence of the coefficient of overburden removal on the index of labor productivity in coal mining. S.A. Drannikov, E.F. Chernorutskii, B.T. Rutkovskii. *Ugol'* 41 no.6:34-35 Je '66.

- [Intensification of strip mining operations] Intensifikatsiya gornykh rabot v kar'erakh. [By] A.I. Arson'ev i dr. [Moskva, Nedra, 1965.] 279 p.

- Ways of improving mine surveys in strip mining. I.I. Belikov. *Met. i gornorud. prom.* no.3:74-77 My-Je '66.

STRIP MINING--EQUIPMENT AND SUPPLIES

- Coal strip mines of the Kuznetsk Basin in the new five-year plan. L.M. Reznikov. *Ugol'* 41 no.6:31-33 Je '66.
- Studying the performance of DS-1500 excavators with an increased speed of their bucket chains. G.S. Kaboskin. *I.U.N. Dunayevskii. Ugol' Ukr.* no.6:13 Je '65.

STRIP MINING--GRAPHIC METHODS

- Geometrical analysis of the conditions of the uninterrupted mining of lignite deposits. M.S. Chetverik. *Ugol' Ukr.* no.6:14-16 Je '66.

STRIP MINING--SAFETY MEASURES

- Artificial strengthening of rocks. V.F. Beliaev, A.V. Pliatolov, V.E. Savin. *Dob. i obog. rud. tsvet. met.* no.3:3-5 '64.

STRONTIUM

Strontium in fresh water. G. A. Sereda, T. S. I. Bobovnikova. *Gidrokhim. mat.* 39:85-90 '65.

STRONTIUM IN THE BODY

Excretion of strontium-90 from the blood stream into the gastrointestinal tract in rats. G. A. Zalika. *Biul. eksp. biol. i med.* 61 no. 5:67-69 My '66.

STRONTIUM ISOTOPES—ANALYSIS

Determination of radioactive strontium in atmospheric precipitation. E. Bakacs-Polgar, I. Kurcz-csiky. *Zhur. anal. khim.* 21 no. 5:558-560 '66.

STRONTIUM ISOTOPES—PHYSIOLOGICAL EFFECT

Accumulation and distribution of strontium-90 various organs and tissues of sheep following chronic oral administration. I. A. Panchenko, I. A. Saraputsev. *Radiobiologiya* 6 no. 3:459-463 '66.

Effect of calcium, magnesium, and strontium on the strontium-90 transfer from female rats to their progeny. B. N. Annekov. *Radiobiologiya* 6 no. 3:435-458 '66.

STRUCTURAL DESIGN

Bersudskii, V. E., V. N. Krysin, and S. I. Lesnykh. [Production of honeycomb structures] *Proizvodstvo sotovykh konstruktsii.* Moskva, Mashinostroyeniye, 1966. 281 p.

Sekhinashvili, E. [Vibrations of elastic systems] *Kolebaniya uprugikh sistem.* Tbilisi, Sakhelashvili Sakartvelo, 1966. 546 p.

STRUCTURAL FRAMES

Glazov, S. I. [Calculation of the reinforced concrete supports of one-story industrial buildings] *Raschet zhelezobetonnykh stoev odnoetaznykh promyshlennykh zdaniy.* Kiev, Budivelnik, 1966. 189 p.

STRUCTURAL FRAMES—WELDING

[Welding in construction] *Svarka v stroitel'stve.* [By] B. D. Malyshev i dr. Moskva, Stroiizdat, 1966. 558 p.

STRUCTURAL GEOLOGY see Geology, Structural

STUDENT ACTIVITIES

These letters explain everything. P. Derbenev, B. Sorokin, V. Efimenkov. *Nar. obr.* no. 7:43-44 J1 '66.

STUDENTS

A well-attended meeting of university students; a report on an all-Union conference. *Vest. vys. shkoly* 24 no. 5:9-16 My '66.

STUDENTS, AFRICAN see subdivision under Germany, West

STUDENTS, FOREIGN see subdivision under Moscow

STUDENTS' SOCIETIES

Leaders of Students' Christian Movements of Europe discuss their problems. G. Troitskiy. *Zhur. Moskv. Patr.* no. 4:43-45 '66.

STURGEONS

(see also subdivision under Volga Delta)

Electrophoretic analysis of blood serum proteins in sturgeons. G. A. Amirhanov. *Vop. ikht.* 6 no. 2:387-392 '66.

Works accounting form for sturgeon farms. V. Z. Trusov. *Ryb. khoz.* 42 no. 5:16-17 '66.

STURGEONS—TRANSPORTATION

Long-distance transportation of sturgeons. E. G. Kossov and others. *Ryb. khoz.* 42 no. 5:22-23 '66.

STYRENE

Reactivity of p-substituted styrenes containing IV B group elements in the reaction of thiocyanogen addition. E. A. Chernyshev, A. A. Zelenetskaya, T. L. Krasnova. *Izv. AN SSSR. Ser. khim.* no. 6:1118-1120 '66.

Synthesis of substituted styrene β -chlorohydrin and the kinetics of their interaction with bases. Part I: Reaction of styrene β -chlorohydrin with hydroxyl ion. E. N. Baranovich, T. I. Temnikova. *Zhur. org. khim.* 2 no. 4:643-653 Ap '66.

STYRENE POLYMERS

Effect of pressure on the radical polymerization of styrene in solution. Report No. 2: Polymerization in parabenaldehyde, butyraldehyde, and their mixtures. V. M. Zhulin, M. G. Gonsberg, V. N. Zagorinina. *Izv. AN SSSR. Ser. khim.* no. 6:997-1001 '66.

Photoluminescence and scintillation characteristics of ethylene anthryl derivatives in polystyrene. L. L. Nagornaya and others. *Zhur. prikl. spekt.* 4 no. 5: 466-468 My '66.

Thermo-oxidizing degradation of grafted copolymers of styrene with ϵ -caprolactam. V. V. Rode and others. *Dokl. AN SSSR* 168 no. 4:825-827 Je '66.

STYRENE POLYMERS—DIELECTRIC PROPERTIES

Dielectric relaxation in n-butyl methacrylate-styrene copolymers. G. P. Mikhailov, T. I. Borisova, A. S. Nigmatkhodzhaev. *Vysokom. soed.* 8 no. 6:969-979 Je '66.

STYRENE POLYMERS—SPECTRA

Nuclear magnetic resonance spectra and structure of molecules of fluorinated polystyrenes. V. L. Maksimov, M. P. Votnov, A. F. Dokukina. *Vysokom. soed.* 8 no. 6:1117-1123 Je '66.

SUBBOTIN, SERAFIM IVANOVICH, 1906-

Serafim Ivanovich Subbotin. *Geol. zhur.* 26 no. 2:122-123 '66.

SUBJECT HEADINGS—INDEXES

Moscow. *Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii.* [Subject index to the classes of the Abstracts journal of the All-Union Institute of Scientific and Technical Information] *Predmetnyi ukazatel' k rubrikatoru referativnogo zhurnala VINITI.* Moskva, 1966. 370 p.

SUBLIME, THE

Longinus, Cassius. *Spurious and doubtful works.* [On sublimity. Translated from the Greek] O vovzvysheniye. Moskva, Nauka, 1966. 146 p. (Literaturnye pamiatniki)

SUBMARINE BOATS

A long-distance voyage is a difficult task. A. Sidorenko. *Komm. Vooruzh. Sil* 47 no. 12:26-30 Je '66.

Slips see, hear, speak... V. Kravov. *Voen. znan.* 42 no. 6:34-35 Je '66.

SUBMARINE DIVING see Diving, Submarine

SUBMARINE GEOLOGY see subdivision under Medvezhy Island (Por'ya Bay)

SUBMARINE MEDICINE

State of basal metabolism in submariners and divers. A. S. Solodkov. *Voen.-med. zhur.* no. 5:60 My '66.

SUBSTITUTION (CHEMISTRY)

Adamantane and its derivatives. Part 6: Substitution reactions in aryladamantanes. F. N. Stepanov, E. I. Dikolenko, G. I. Danilenko. *Zhur. org. khim.* 2 no. 4:649-643 Ap '66.

New data on the reactions of electrophilic substitution of organomercury compounds. Nucleophilic contribution and nucleophilic catalysis. O. A. Reutov, I. P. Belotskaya. *Izv. AN SSSR. Ser. khim.* no. 6:955-963 '66.

Nucleophilic substitution at the tetrahedral carbon atom. Part 3: Relation between the structure and reactivity of phosphorus-containing compounds. Role of vacant d-orbitals of the phosphorus atom. N. A. Loshadkin and others. *Zhur. org. khim.* 36 no. 6:1105-1113 Je '66.

Nucleophilic substitution at the tetrahedral phosphorus atom. Part 2: General aspects of the kinetics of alkaline hydrolysis of phosphorus acid derivatives. S. M. Maslov and others. *Zhur. org. khim.* 36 no. 6: 1088-1104 Je '66.

Nucleophilic substitution in the series of phosphorus acid derivatives. Part I: Kinetics of dialkylphosphoryl chloride hydrolysis. A. A. Nelyshev, I. L. Krumlants. *Zhur. org. khim.* 36 no. 6:1099-1095 Je '66.

Synthesis of N-alkyl (aryl)-substituted aminodeoxycellulose by nucleophilic substitution reaction. N. Kholmuradov and others. *Vysokom. soed.* 8 no. 6:1080-1083 Je '66.

SUBURBS

Planning suburban areas. A. Sharov. *Zhll. -kom. khoz.* 14 no. 5:14-16 My '66.

SUBWAYS—DESIGN AND CONSTRUCTION see subdivision under Baku

SUBWAYS—SIGNALING—CENTRALIZED TRAFFIC CONTROL

Lavrik, V. V. [Route-relaying interlocking system of subways] *Marshrutno-relaynaya tsentralizatsiya metro-politena.* Moskva, Stroiizdat, 1966. 105 p.

SUCCINIC ACID

Analysis of succinic acid esters by the ion exchange method. V. K. Akimov, O. K. Smirnov, I. A. Emel'yanova. *Zhur. anal. khim.* 21 no. 5:610-613 '66.

SUCCINIC ACID—EFFECT ON SEEDS see Seeds, Effect of succinic acid on

SUCKER RODS

Determining the load of surface equipment during the performance cycle of a deep well pump. I. G. Usunov. *Izv. vys. ucheb. zav. i nef' i gaz.* 9 no. 2:104-108 '66.

Tongs for unscrewing frozen sucker rods. Neftianik 10 no. 7:27 J1 '66.

SUEZ CANAL

Suez and the independence of the United Arab Republic. E. Lebedev. *Az. i Afr. sog.* 10 no. 7:32-33 J1 '66.

SUEZ CANAL—SHORE PROTECTION

Studying the effectiveness of shore stabilization. E. Sorokin. *Rech. transp.* 22 no. 0:60 Ag '64.

SUGAR BEET BREEDING

Characteristics of the anatomical structure and water balance in polyloid sugar beets. T. V. Tretyak, A. S. Okanenko. *Fiziol. rast.* 13 no. 3:469-478 My-Je '66.

Effect of intervarietal hybridization on the productivity of sugar beets. M. Kh. Muratov, Sh. N. Halaletdinov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 6:68-62 Je '66.

Some biological characteristics of autopolyploids of the monospermatous sugar beet. N. G. Shestopalova. *Uch. zap. KHGU* 140:13-18 '63.

Some characteristics of the respiration of the shoots of hybrid corn and polyloid hybrid sugar beet. V. G. Shakhmatov, N. G. Shestopalova, L. V. Kotenko. *Uch. zap. KHGU* 140:34-38 '63.

SUGAR BEET MACHINERY

Increasing the reliability of basic units of sugar beet harvesters. B. Luk'yanov. *Trakt. i sel'khoz. mash.* no. 6:40-41 Je '66.

Machines for growing sugar beets. N. Kolschenko, Tekh. v sel'khoz. 25 no. 3:49-53 Mr '65.

SUGAR BEETS

(see also subdivision under Kuybyshev Province; Ukraine)

Results of experiments in growing sugar beets on the "Zakra" State Farm. I. P. Kozlov. *Uch. zap. Ped. inst. Gers.* 312:147-154 '66.

Use of herbicides in sugar beet seedling sections. V. M. Ostroborodov. *Khim. v sel'khoz.* 4 no. 2:55-56 '66.

Vadim Ostapov. N. I. Immonov. *Mol. konim.* no. 8:58-59 Ag '64.

SUGAR BEETS—FERTILIZERS AND MANURES

Effect of mineral nutrition on the protein complex in sugar beets. E. A. Tomskiy, E. P. Naumova. *Khim. v sel'khoz.* 4 no. 2:2-5 P '66.

SUGAR BEETS AS FEED

Effect of deacidified silage and sugar beets on the composition of the colostrum and milk of cows. E. M. Buevich. *Trudy TVI* 9:245-252 '65.

Effect of feeding cows sugar beets, sodium sulfate, and ammonium sulfate on the yield and fat percentage of milk. V. I. Shakhova. *Sbor. nauch. rab. stud. Ssr. zootekh.-vet. inst.* 3:85-100 '65.

SUGAR INDUSTRY

Dogadov, V. S., and B. D. Sudrev. [Purifying the water used for conveying and washing at sugar plants] *Ochistka transportno-mochnykh vod na sakharnykh zavodakh.* Moskva, TsINTIPishcheprom, 1965. 33 p.

SUGAR MANUFACTURE—BY-PRODUCTS

Chefranov, I. V. [Production of glutamic acid and sodium glutamate in sugar factories] *Proizvodstvo glutaminsoy kisloty i glutamata natriya na sakharnykh zavodakh.* Moskva, TsINTIPishcheprom, 1965. 64 p.

SUGARS

Effect of temperatures below freezing point on the relative amount of sugars in fruit trees and the relation between their changes and the frost resistance of plants. I. V. Ogolevets. *Fiziol. rast.* 13 no. 3:591-598 My-Je '66.

SULA VALLEY (UKRAINE)—CLASSICAL ANTIQUITIES

An Attic helmet found in the Sula Valley. H. V. Chernenko. *Arkheologiya* 19:136-137 '63.

SULFANILAMIDES

Study of the effect of some antibiotics combined with the new sulfanilamide preparation sulfapyridazine in the acute course of experimental staphylococcal infection. I. M. Baniatova, T. V. Golosova, T. P. Anikina. *Antibiotiki* 11 no. 6:430-437 My '66.

SULFANILIDE

Color value and spectra of p-O₂N-benzene-sulfanilides. E. V. Chechegova, V. A. Izmail'skiy. *Zhur. VKIRO* 11 no. 3:345-346 '66.

SULFATE-RESISTANT CONCRETE

Imparting sulfate-resistant properties to Portland cement concrete using carbonate rocks. I. A. Sanadze. *Bet. i zhel.-bet. [Tiflis]* 1:5-13 '65.

SULFATES

Determining sulfate-ion content of chromium-ammonium alums. V. I. Zabitko, G. N. Sharapova. [Trudy] UNIKHIM no. 11:49-50 '64.

SULFATES (Continued)

Rapid gravimetric method of sulfate determination in sodium bicarbonate and sodium azide (in technical products). R. S. Pilyuk, T. V. Ivanova. [Trudy] UNIKHIM no. 11:46-48 '64.

Rapid method of sulfate determination in cryolite. L. K. Ponomareva, A. T. Goncharenko. [Trudy] UNIKHIM no. 11:54-58 '64.

Rapid titrimetric method of determining a sulfate ion in phosphoric acid with the indicator nitrochromazo. N. N. Basargin, N. A. Nikitina. Zav. lab. 32 no. 5: 517-519 '66.

SULFATES—PHYSIOLOGICAL EFFECT

Effect of feeding cows sugar beets, sodium sulfate, and ammonium sulfate on the yield and fat percentage of milk. V. I. Shakhova. Sbor. nauch. rob. stud. Sar. zootekh.-vet. inst. 3:95-100 '65.

SULFENYL CHLORIDES

Structure of the addition products of methyl- and ethylsulfene chlorides to acrylic acid derivatives. I. L. Kunitsants, M. G. Lin'kova, N. D. Kuleshova. Izv. AN SSSR. Ser. khim. no. 6:1069-1075 '66.

Structure of the products of addition of phenylsulfene chloride to acrylic acid derivatives. I. L. Kunitsants, M. G. Lin'kova, N. L. Veller. Izv. AN SSSR. Ser. khim. no. 6:1075-1080 '66.

SULFIDES

Radzikovskaya, S. V., and V. I. Marchenko. [Sulfidos of rare earth metals and actinoids] Sulfidy redkozemel'nykh metallov i aktinoidov. Kiev, Naukova dumka, 1966, 139 p.

Rate of coprecipitation of cations with sulfides. Report No. 1: Formation of chemical compounds. N. A. Radnev, G. I. Malofeeva. Zhur. anal. khim. 21 no. 5:521-528 '66.

Sulfhydryl groups and disulfide bonds in the proteins of heated grain. G. I. Kotliar, G. A. Lebedeva, T. G. Zhuravskaya. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:33-35 '66.

SULFIDES—METALLURGY

Forms in which copper is present in highly ferrous sulfide-sulfate melts. I. A. Monin'ko, I. P. Pazyukov. Izv. AN SSSR. Met. no. 3:50-51 My-Je '66.

SULFITES

"Peroxide" effect in the reaction of bisulfite addition to high-molecular olefins. B. N. Tutunikov and others. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:78-81 '66.

SULFONATION

Residual extract as a raw material for sulfonation. I. P. Lukashevich, I. A. Eninbeili, P. S. Zinetsayna. Izv. vys. ucheb. zav.; nefi' i gaz. 9 no. 2:66-68 '66.

SULFONES

Crystalline and molecular structure of 2, 5-di-tert-butylthiophenyl sulfone. L. G. Vorontsova. Zhur. struk. khim. 7 no. 2:240-244 Mr-Apr '66.

SULFONIC ACIDS

α -Cyanosulfonation. Part I: α -Cyanosulfonyl sulfonates. A. I. Akubovich, P. O. Gitel, T. G. Spiridonova. Zhur. org. khim. 2 no. 4:607-610 Ap '66.

Surface-active properties of the aqueous solutions of petroleum sulfonates. M. P. Reshatov, F. F. Gladkil, I. I. Novitskaya. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:82-85 '66.

SULFUR

Inclusion of sulfur into a nickel electrodeposited from solutions containing anacharin and p-toluenesulfonamide. S. I. Krichmar. Elektrokhimia 2 no. 6:726-728 Je '66.

Role played by the oxidation of coal sulfur in high-temperature corrosion. M. I. Vdovenko. Probl. teploenerg. i prikl. teplofiz. no. 2:103-110 '65.

Stability of water-soluble forms of molybdenum in solutions containing sulfur at high temperatures. L. A. Arutunian. Geokhimiya no. 4:470-483 Ap '66.

SULFUR—ANALYSIS

Determination of sulfur in elementary sulfur and its chlorides. G. V. Zavarov. Zav. lab. 32 no. 5:529 '66.

SULFUR DIOXIDE

Absorption and oxidation of sulfur dioxide simultaneously with gaseous nitrogen oxides. A. N. Tseitlin, V. T. Ivorskiy. Zhur. prikl. khim. 39 no. 5:982-987 My '66.

Molecular orbits of sulfur dioxide. S. P. Ionov, M. A. Peral-Konits. Zhur. struk. khim. 7 no. 2:252-257 Mr-Apr '66.

SULFUR ORGANIC COMPOUNDS see Organosulfur compounds

SULFURIC ACID

Fluorine-containing β -sulfones. Report No. 16: Trifluorovinyl esters of alkylsulfuric acids. I. L. Kunitsants, G. A. Sokol'skiy, M. A. Belaventsev. Izv. AN SSSR. Ser. khim. no. 6:1022-1027 '66.

Fluorine-containing β -sulfones. Report No. 17:

Pentafluoropropenylsulfuric acid derivatives. I. L. Kunitsants and others. Izv. AN SSSR. Ser. khim. no. 6: 1027-1031 '66.

Optimum composition of nitroses in the manufacture of sulfuric acid by the tower process. A. N. Tseitlin, V. T. Ivorskiy. Zhur. prikl. khim. 39 no. 5:977-981 My '66.

SULTONES

Fluorine-containing β -sulfones. Report No. 15: Pentafluoropropenylsulfuric acid derivatives. I. L. Kunitsants and others. Izv. AN SSSR. Ser. khim. no. 6: 1017-1022 '66.

Fluorine-containing β -sulfones. Report No. 17: Pentafluoropropenylsulfuric acid derivatives. I. L. Kunitsants and others. Izv. AN SSSR. Ser. khim. no. 6: 1027-1031 '66.

Fluorine-containing β -sulfones. Report No. 16: Trifluorovinyl esters of alkylsulfuric acids. I. L. Kunitsants, G. A. Sokol'skiy, M. A. Belaventsev. Izv. AN SSSR. Ser. khim. no. 6:1022-1027 '66.

SUMGAIT (AZERBAIJAN)—METALLURGICAL PLANTS—

ACCIDENTS

Industrial eye traumas and prophylactic measures for their control. Sh. I. Ismail-zade. Trudy Azerb. nauch.-issl. inst. oft. 4:51-55 '63.

SUMS (MATHEMATICS)

Summing of series containing characteristic coefficients. O. V. Sarmanov. Zhur. vych. mat. i mat. fiz. 6 no. 3:411-432 My-Je '66.

Tabular theorem of the absolute summability by Borel's method. K. M. Slipenchuk. Dep. AN URSS no. 6:722-725 '66.

SUMY PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We should efficiently help our local party organizations. I. Larosh. Part. zhizn' no. 15:34-36 Ag '66.

SUN

Nuclear spectroscopy and neutrino astrophysics of the sun. G. E. Kocharov, I. U. N. Starunov. Izv. AN SSSR. Ser. fiz. 30 no. 7:1090-1094 Ji '66.

Relation between atmospheric processes and solar activity. F. V. Vorobeyev. Trudy GGO no. 198:30-42 '66.

SUNFLOWER SEED

(see also subdivision under East Kazakhstan Province)

Conditions of the gripping of sunflower seed kernels and their particles in a roller crusher. V. A. Masllov, V. S. Reskutoy. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:116-118 '66.

Production and procurement of oil-rich sunflower. V. S. Pastovoi. Zakup. sel'khoz. prod. no. 5:17-19 My '66.

SUNFLOWER SEED—DRYING

Effect of temperature and velocity of the heat carrier on the drying and heating of sunflower seed. V. K. Predtechenskiy. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:95-97 '66.

SUNFLOWERS

Study of interspecies hybrids Helianthus annuus L. x Helianthus tuberosus L. E. I. Ustinova. Biol. MOIP. Otd. biol. 71 no. 2:100-106 Mr-Apr '66.

SUNSPOTS

Structure of the photosphere above a sunspot. Z. B. Korobova. Astron. zhur. 43 no. 3:480-487 My-Je '66.

SUPERCARGERS

Friction welding of high alloys used in the superchargers of diesel engines. I. G. Val'ter, E. S. Komarcheva. Energosahinoostroenie 11 no. 12:26-29 D '65.

SUPERHEATERS

Disruption of steady motion in the screen-type steam superheater of the TPP-110 boiler. I. M. Gipshman, V. M. Levinzon. Teploenergetika 13 no. 5:45-49 My '66.

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPERSONIC TESTING see Ultrasonic testing

SUPPLY AND DEMAND

Work program of the five-year plan. Sov. tovg. 39 no. 6:1-4 Je '66.

SUPPURATION

Effectiveness of the use of cortisone and hydrocortisone in the treatment of suppurative ear diseases. G. A. Arustamov. Voen.-med. zhur. no. 6:42-45 Je '66.

Use of UHF pulse electric field and terramycin electrophoresis in the compound treatment of acute inflammation and suppurative diseases. A. M. Land, M. N. Starikova. Vop. kur., fizioter. i lech. fiz. kult. 31 no. 2:155-158 Mr-Apr '66.

SURAKHANY OIL FIELD—PETROLEUM PRODUCTION

Scientific labor organization in each work area. N. Sapronov. Neftianik 10 no. 7:16-18 Ji '65.

SURFACE ACTIVE AGENTS

Demixing of aqueous solutions of nonionic emulsifiers. V. N. Beresnev, M. A. Fermor, N. I. Smirnov. Zhur. prikl. khim. 39 no. 5:1117-1124 My '66.

Effect of activating additives on the surface-active properties and detergency of azolyt A and the phenomenon of synergism between its components. M. A. Ashinov and others. Azerb. khim. zhur. no. 2:23-31 '64.

Effect of irradiation on the mechanical properties of single crystals of zinc in the presence of surface-active metallic melts. O. A. Troitskiy, I. G. Berzina. Fiz. met. i metalloved. 18 no. 1:125-131 Ji '64.

Effect of surface active substances on the displacement of water by gas. M. F. Karimov, A. E. Evgen'ev. Trudy MINKHGP no. 57:111-116 '66.

Optimum duration of the mixing of raw material mixtures in slurry tank. P. R. Taube, I. U. S. Kuznetsov, M. A. Shumkina. Strol. mat. 12 no. 2:37-38 F '66.

The PKGS new surface-active substances. V. P. Volod'ko. Avt. dor. 20 no. 6:15 Je '66.

Studying certain factors determining the efficiency of the use of surface active substances in the process of water displacement by gas. A. N. Popov, M. F. Karimov, A. E. Evgen'ev. Izv. vys. ucheb. zav.; nefi' i gaz. 9 no. 2:73-76 '66.

Studying the adsorption of surface active substances on sand. M. M. Kusanov, I. I. Mekenitskaya. Trudy MINKHGP no. 57:17-23 '66.

Studying the effect of small additions of phosphorus on the hardening and the density of packing defects in copper-aluminum alloys. Zh. P. Pastukhova, I. A. D. Vishniakov, N. N. Geveling. Fiz. met. i metalloved. 20 no. 6:915-919 D '65.

Surface-active agents subjected to the action of an ultrasonic field as influencing the growth of the electrolytic silver single crystal. A. M. Ginzberg, I. U. E. Titov, A. T. Vagranian. Elektrokhimia 2 no. 6:739-741 Je '66.

Surface-active properties of the aqueous solutions of petroleum sulfonates. M. P. Reshatov, F. F. Gladkil, I. I. Novitskaya. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:82-85 '66.

SURFACE HARDENING

Effect of technological conditions of mechanized electric spark alloying on the quality of surfaces obtained. I. U. N. Petrov and others. Elek. obr. mat. no. 3:43-49 '65.

Unit for hardening driving rollers, screws, and pinions. V. Gobrelian. Prom. Arm. 9 no. 6:52-53 '66.

SURFACE HARDENING—EQUIPMENT AND SUPPLIES

Equipment model EPI-ELECTROM for the electric spark alloying of metal surfaces. A. I. Lazarenko and others. Elek. obr. mat. no. 3:77-82 '65.

SURFACE HARDENING—THERMAL PROPERTIES

Analytical calculation of the temperature generated by hardening by means of a local plastic deformation. D. D. Papaev, V. N. Smirnov. Izv. vys. ucheb. zav.; mashinostr. no. 4:122-128 '66.

SURFACE TENSION

Density isotherm and the surface tension of iron-silicon alloys. N. K. Dzhenilev, S. I. Popel', B. V. Tsarevskiy. Fiz. met. i metalloved. 18 no. 1:93-97 Ji '64.

Dynamic surface effect of catalytic processes. V. A. Grigor'yan and others. Zhur. fiz. khim. 40 no. 5:1144-1147 My '66.

Effect of various additions on the surface tension of fused alkali metal carbonates. Part I. G. K. Moiseev, G. K. Stepanov. Trudy Inst. elektrokhim. UFAN SSSR no. 7: 97-104 '65.

Interphase tension in powder copper hardened by disperse Al_2O_3 inclusions. L. Kh. Pivovarov, A. I. Vlasov. Fiz. met. i metalloved. 18 no. 1:148-149 Ji '64.

Mechanism of the interaction of petroleum naphthenic acids and the surface of certain minerals. I. N. Plakshin and others. Fiz. -tekh. probl. razrab. pol. iskop. no. 3:124-131 '65.

Selecting the speed of pouring killed steel in sheet billets. I. U. S. Furman and others. Met. i gornorud. prom. no. 3:29-30 My-Je '66.

SURFACES

An additive representation of the Ricci tensor of the p-surface of a Euclidean space. V. T. Bazylev. Sib. mat. zhur. 7 no. 3:499-511 My-Je '66.

SURFACES (TECHNOLOGY)

Intensity of the boil of an open-hearth furnace bath, depending on surface conditions of the hearth bottom following the complete melting of the charge. A. M. Skrebtsov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6: 72-74 '65.

SURGERY see subdivision under Georgia

SURGERY—COMPLICATIONS AND SEQUELAE

Complications in mitral commissurotomy. A. K. Izumkhanov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR. 11:195-198 '65.

Postoperative complications in the surgical treatment of bi- and triventricular cardiac defects. G. I. Tsukerman, A. D. Levant, L. A. Danilejan. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR. 11:199-92 '65.

SURGERY, PLASTIC

Functional evaluation of a correction of aortic insufficiency by means of a new valve from the aortic lamina. S.S. Zabolzaev. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:137-142 '65.

SURGICAL INSTRUMENTS AND APPARATUS

Anatomicophysiological substantiation of dextral mitral commissurotomy with a dilator on a flexible cable. K.V. Lapkin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 11:22-24 '65.

SURVEYING

Baran, P.I., G.N. Kozlov, and I.P. Sovershenniy. [Surveying and mapping underground engineering systems; a concise handbook] S'emka i kartografirovaniye podzemnykh inzhenernykh setei; kratkoe rukovodstvo. Kiev, Budiveln'nyk, 1966. 94 p.

Uspenskiy, M.S. [Studies in the stabilization of geodetic points in the U.S.S.R.]. Issledovaniya po zakrepleniyu geodezicheskikh punktov na territorii SSSR. Moskva, Nedra, 1966. 191 p. (Moscow, Tsentral'nyi nauchno-issledovatel'skiy institut geodezii, aerost'emki i kartografi. Trudy, no. 167)

SUSPENSIONS (CHEMISTRY)

Theory of the process of centrifugal separation of suspensions in separators. R.I.A. Iashvili, S.A. Pliushkin, P.G. Romanov. Zhur. prikl. khim. 39 no.5:1085-1070 My '66.

SVAVITSKAIA, ZINAIDA MIKHAILOVNA, 1887-1966

Z.M. Svavitskaia; obituary. Vest. stat. no.6:85-86 '66.

SYVERDLOVSK—INDUSTRIAL MANAGEMENT

Production analysis is before everything. A. Zusman. Sots. trud 11 no.6:62-67 Je '66.

Scientific labor organization; problems and prospects. V. Gotlober, and others. Nauch. dokl. vya. shkoly; ekon. nauki 9 no.3:73-81 '66.

SYVERDLOVSK—PETROLEUM—STORAGE

Rationalization of production in the Syverdlovsk tank farm. K.I. Kirilushkin. Transp. i khim. nefli i nefteprod. no.3:29-32 '65.

SYVERDLOVSK—THEATER AUDIENCES

1499 answers. L. Kogan, A. Kerner. Teatr 25 no.10:3-10 O '64.

SYVERDLOVSK—TURBOMACHINES

Production analysis is before everything. A. Zusman. Sots. trud 11 no.6:62-67 Je '66.

SYVERDLOVSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[The party group in an enterprise] Partinialna gruppa na predpriyatii. Syverdlovsk, Sredne-Ural'skoe knuzhnoe izd-vo, 1965. 65 p. (CSU-H)

SYVERDLOVSK PROVINCE—CONSTRUCTION INDUSTRY—FINANCE

Consolidated payments in construction. I. Khzhanovskii. Fin. SSSR 40 no.6:90-90 Je '66.

SYVERDLOVSK PROVINCE—MACHINERY INDUSTRY—MANAGEMENT

Promoting saving. B.E. Velikanov. Mashinostroi'tel' no.5:2 Je '66.

SYVERDLOVSK PROVINCE—YOUTH

Voluntary participation in community work as the subject of an investigation. V. Mordkovich, L. Arkhangel'skii, IU. Volkov. Mol. komm. no.8:75-81 Ag '64.

SWANS see subdivision under Buryat A. S. S. R.

SWEDEN—HARBORS—REGULATIONS

Leningrad, Tsentral'nyi nauchno-issledovatel'skiy institut morskogo flota. [Regulations, customs and practices in Swedish sea ports] Pravila, obychai i praktika morskikh portov Shvetsii. Moskva, Transport, Pt. 4, 1965. 90 p. (Its Sbornik materialov, no. 147. Uslovia kommercheskoi ekspluatatsii morskogo flota v zagrannichnom plavanii, no. 24)

Leningrad, Tsentral'nyi nauchno-issledovatel'skiy institut morskogo flota. [Regulations, customs and practices of Swedish sea ports] Pravila, obychai i praktika morskikh portov Shvetsii. Moskva, Transport, Pt. 5, 1965. 71 p. (Its Sbornik materialov, no. 146. Uslovia kommercheskoi ekspluatatsii morskogo flota v zagrannichnom plavanii, no. 25)

SWEDEN—THEATER

Swedish theaters. D. Milekhina, N. Shirinaeva. Teatr 25 no.10:110 O '64.

SWEET COLTSFOOT see subdivision under Siberia

SWELLING (CHEMISTRY)

Swelling of polyurethanes. N.P. Apukhtina, E.G. Erenburg, L.I.A. Rappoport. Vysokom. soed. 8 no.6:1057-1062 Je '66.

SWERTIA

Swerelia species of the U.S.S.R. and their role in the history of its mountain flora. V.V. Piskunova, Uch. zap. Ped. inst. Gerts. 310 5-166 '66.

SWERTIA—CLASSIFICATION

Importance of the anatomical structure of species of the genus Swertia, family Gentianaceae Dumort. in the classification of the genus. L.K. Shabes. Uch. zap. Ped. inst. Gerts. 310 251-262 '66.

SWIMMING

Self-control of the underwater swimmer. V. Surovikin. Voen. znan. 42 no.6:44 Je '66.

A skill necessary for life. N. Butovich. Voen. znan. 42 no.6:42 Je '66.

Special strength development for swimmers. M.I.A. Nabatnikova. Teor. i prak. fiz. kult. 29 no.6:27-29 Je '66.

SWIMMING POOLS

Sanitary indices of water quality in covered swimming pools. F.M. Voznesenskaya. Teor. i prak. fiz. kult. 29 no.6:65-66 Je '66.

SWINE

(see also subdivision under Kazakhstan; Vladimir Province)

Chemical composition of swine embryos. I.O. Shevchenko. Nauk. pratsi zootekh. fak. UASHN 15 no.2:64-68 '61.

Productivity of the swine of various body types. IU. K. Sviechin. Nauk. pratsi zootekh. fak. UASHN 15 no.2:17-22 '61.

Savich, I.A. [Swine raising] Svinovodstvo. Izd. 2., perer. Moskva, Kolos, 1966. 358 p. (Uchebnyy i uchebno-pособniy dlia sel'skokhoziaistvennykh tekhnikumov) (DNAL)

SWINE—DISEASES AND PESTS

Clinical and hematological changes in experimental fusaric acidosis in swine. N.A. Akulina. Izv. Kulb. SKHII 17:231-255 '65.

Edema in swine. V.V. Vasilunin. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:54-55 '65.

Effect of deoxyribonucleic acid from a calf kidney on some indices of L cells and their sensitivity to the swine influenza virus. F.V. Sushkov and others. Vop. vet. virus. 2:90-92 '66.

Isolation and cultivation of the swine gastroenteritis virus. V.A. Fetisov, S.G. Iamashev. Vop. vet. virus. 2:114-117 '66.

Study of the swine gastroenteritis virus by the use of tissue cultures. V.V. Nikol'skii, E.A. Krasnobayev, V.O. Platonenko. Vop. vet. virus. 2:335-344 '66.

Therapeutic and prophylactic effectiveness of furazolidone against enteritis in suckling pigs. P.N. Anan'ev, L.A. Tiurina, N.V. Poluev. Vest. sel'khoz. nauki [Kazakh.] 8 no.6:58-62 Je '66.

SWINE—FEEDING AND FEEDS

(see also subdivision under Pskov Province)

Characteristics of the growth and development of swine as related to the level of feeding during the various periods of growing. D.I. Savchuk. Nauk. pratsi zootekh. fak. UASHN 15 no.2:69-76 '61.

Digestibility and feed value of beet-corn-pea rations in fattening swine for meat. N.K. Shipenko. Izv. Kulb. SKHII 17:267-273 '65.

Effect of feeding microelements on the productivity of replacement sows. V.I. Voronova. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:82-85 '65.

Effect of microelements and vitamins of the B group on the growth and development of suckling pigs. V.V. Cherepanova. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:21-29 '65.

Effect of various amounts of copper on weaned pigs and one-litter sows. I.V. Petrukhin. Khim. v sel'khoz. 4 no.2:59-63 F '66.

SWINE—PARASITES see Parasites—Swine

SWINE—PHYSIOLOGY

Change in the temperature of the stomach mucosa in swine under the effect of feed stimulants. S.IU. Krasoslav and others. Nauk. pratsi zootekh. fak. UASHN 15 no.2:109-112 '61.

Effect of different states of the cerebral cortex on the secretion of intestinal juice in swine. A.I. Korshun. Trudy TVI 9:88-92 '65.

Excretory function of the intestinal glands in swine. A.I. Korshun, E.I. Surikova. Trudy TVI 9:84-87 '65.

Regularity in the development of the vascular system of the gastrointestinal tract in swine. IU. P. Antypchuk. Nauk. pratsi zootekh. fak. UASHN 15 no.2:105-108 '61.

Thermovascular reaction of the skin in swine in local hypothermia. K.S. Iermolova, O.L. Bedrata, G.F. Odosnikina. Nauk. pratsi zootekh. fak. UASHN 15 no.2:99-104 '61.

SWINE BREEDING

(see also subdivision under Polesye)

Histological structure of the muscles of purebred swine and of the offspring of swine crossed for market production. A.T. Trov, N.G. Lebedeva. Vest. sel'khoz. nauki [Kazakh.] 9 no.5:33-40 My '66.

SWITCHING CIRCUITS

Moscow, Institut avtomatiki i telemekhaniki. [Abstract and structural theory of relay devices] Abstraktnaya i strukturalnaya teoriya rel'nykh ustroystv. Moskva, Nauka, 1966. 308 p.

Tracing of switching circuits. S.P. Abramov. Elektro-tekhnika 37 no.5:60 My '66.

SWITCHING THEORY

Method for the synthesis of switching devices insensitive to asymmetrical failures. V.Z. Krivshin. Avtom. i telem. no.5:103-118 '66.

Moscow, Institut avtomatiki i telemekhaniki. [Abstract and structural theory of relay devices] Abstraktnaya i strukturalnaya teoriya rel'nykh ustroystv. Moskva, Nauka, 1966. 308 p.

SYMMETRY (BIOLOGY)

Properties of D and L Modifications of biological objects. IU. A. Urmantsev. Usp. sovr. biol. 61 no.3:374-389 My-Je '66.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOMIMETIC AGENTS

Distribution of catechol amines in the blood vessel walls of warm-blooded animals. G.R. Leonova. Arkh. anat., giat. i embr. 50 no.3:35-41 Mr '66.

SYMPATHOMIMETIC AGENTS—PHYSIOLOGICAL EFFECT

Role of adrenoactive structures in signal conduction in the retina of frogs. V.B. Val'tsev. Zhur. vya. narv. deint. 16 no.3:535-537 My-Je '66.

SYNAPSES

The synaptic architectonics of the superior colliculus. I.V. Viktorov. Dokl. AN SSSR 169 no.4:924-925 Je '66.

SYNCHRONOUS ELECTRIC MACHINERY see Electric machinery, Synchronous

SYNCHRONOUS ELECTRIC MOTORS see Electric motors, Synchronous

SYNCHROTRON

Starting new accelerator-symmetrical ring phasotron of the P.N. Lebedev Physical Institute of the Academy of Sciences of the U.S.S.R. A.A. Kolomenaki and others. Atom. energ. 20 no.6:513-514 Je '66.

SYDNONES

Sydnonyl derivatives of serin and 6-aminopentilalanine acid. S.A. Zotova and others. Zhur. org. khim. 2 no.4:728-731 Ap '66.

SYNERESIS

Syneresis of dynamic foam. V.M. Vilenkii, V.IA. Khentov. Zhur. prikl. khim. 30 no.5:1103-1111 My '66.

SYNOVIAL MEMBRANES

Treatment of patients with posttraumatic synovitis. V.Kh. Shereshevskii, A.M. Zelgerman. Voen. med. zhur. no.12:15-18 D '65.

SYNTHETIC FABRICS see subdivision under Armenia

SYNTHETIC PRODUCTS

Substitutes for edible products in the manufacture of adhesives for shoe production. V.M. Ustinova. Kozh.-obuv. prom. 7 no.2:25-26 F '65.

SYNTHETIC RESINS see Resins, Synthetic

SYNTHETIC RUBBER see Rubber, Synthetic

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

SYR DARYA VALLEY—INSCRIPTIONS, TURKISH (OLD)

The Syr Darya inscription. G.G. Musabiev, G.Aldarov. Vest. AN Kazakh. SSR 22 no.6:85-86 Je '66.

SYR DARYA VALLEY—MOSQUITOES

Seasonal and diurnal activity of bloodsucking mosquitoes in the Syr Darya basin. A.M. Dubitskii, N.D. Deshevskiy. Trudy Inst. zool. AN Kazakh. SSR 25:37-44 '66.

SYRACUSE—SCHOOLS, UKRAINIAN

Syracuse, New York. Shkola Ukrainoznavstva im. Lesi Ukrainky. [Flower of the Ukraine; an almanac published by the Lesia Ukrainka School of Ukrainian Studies in Syracuse, 1954-1964] Tsvit Ukrainy; al'manakh... 1954-1964. Syracuse, Vyd-vo Shkoly ukrainoznavstva im. Lesi Ukrainky, 1965. 81 p.

SYRIA—POLITICS AND GOVERNMENT

Damascus on guard. P. Demchenko. Nov. vrem. 24 no. 30:15-16 JI '66.

Syria after the February events. L. Medvedko. Mezhdunar. zhizn' 13 no. 7:98-95 '66.

SYRPHUS FLIES see subdivision under Gal'chiya Mountain

SYSTEMS (CHEMISTRY)

Binary system NaF - HF₄. I. M. Shelko, V. T. Mal'tsev, H. O. Bukhalova. Dop. AN URSR no. 5:628-631 '66.
Mass transfer in the system I₂ - CCl₄ - H₂O - KI studied by means of isotope exchange. V. M. Makhinov. B. Z. Jofa. Dokl. AN SSSR 160 no. 4:954-956 Je '66.

Metastability of magnesium diborate in the ternary system MgO - B₂O₃ - H₂O at 24°C. P. P. Rzazade, G. Bagirov, G. S. Sedel'nikov. Azerb. khim. zhur. no. 2:117-125 '64.

Phase equilibrium in the system Ti - Co - Si. V. I. A. Mak'ev, E. I. Gladyshevskii, T. I. Fedoruk. Izv. AN SSSR, Met. no. 3:179-182 Mj-Je '66.

Physicochemical analysis of binary liquid systems with exchange interaction. Esterification. IU, IA. Fialkov, G. N. Fenerli. Zhur. ob. khim. 36 no. 6: 907-912 Je '66.

Physicochemical analysis of binary systems with exchange interaction. Formation of acetals. IU, IA. Fialkov, G. N. Fenerli. Zhur. ob. khim. 36 no. 6: 913-918 Je '66.

Physicochemical analysis of the systems aniline acetate-indifferent solvent. IU, IA. Fialkov, IU, A. Parasenko, IU, A. Borovikov. Zhur. ob. khim. 36 no. 6:95.-987 Je '66.

Pressure and composition of saturated vapor in binary systems with chemical interaction of components in the vapor phase. Part 5. N. L. Ilyum-Agaev, Zhur. fiz. khim. 40 no. 5:992-990 Mj '66.

Quaternary reciprocal system Na, Mg²⁺ SO₄, HCO₃-H₂O at 0° and varying partial pressures of CO₂. I. A. Moshkin, IU, P. Nikol'skii. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:41-52 '66.

Some regularities in the arrangement of isothermal-isobaric surfaces in multicomponent systems. IU, I. Malenka, M. V. Lutugina. Vest. LGU 21 no. 10:81-80 '66.

SYSTEMS (CHEMISTRY)—THERMODYNAMICS

Entropy and temperature of nonequilibrium states. IA. M. Buzhdan. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:3-15 '66.

Theory of anisothermal processes. Part 1. A. M. Matkevich. Arm. khim. zhur. 19 no. 2:111-122 '66.

Thermodynamics of transcritical region phenomena in condensed systems. V. K. Semenchenko, E. D. Soldatova. Zhur. fiz. khim. 40 no. 5:1082-1085 Mj '66.

SYSTEMS ENGINEERING

Method for reducing the degrees of freedom in rated flow sheets of chain and branched systems. E. I. Rivin. Vest. mashinost. 46 no. 5:38-41 Mj '66.

SYZHAN' (KUYBYSHEV PROVINCE)—ADMINISTRATIVE REMEDIES

Some thoughts about "incoming" and "outgoing" papers. G. Kalugin. Part. zhizn' no. 15:41-45 Ag '66.

TABLES

Technology of the manufacture of tables from groundwood. T. I. A. Samus', T. I. Todorchik. Der. prom. 15 no. 5:26-27 Mj '66.

TABULATING MACHINES see subdivision under Belfay (Moldavia)

TABULATING MACHINES—ATTACHMENTS

Improving the operational reliability of an electronic multiplying attachment to the T-3MU tabulator. I. Babanov. Shor. inform. mat. Glav. upr. vych. rub. no. 3:41-53 '65.

TACHINIDAE

New species of the genus Hypocretina Schin. (Diptera, Larvaevoridae). K. B. Borisova-Zinov'eva. Trudy Zool. inst. 37:272-276 '66.

Review of the tribe Gymnosomatini (Diptera, Tachinidae) of the U.S.S.R., parasitizing in phytophagous bugs. L. S. Zimin. Ent. oboz. 45 no. 2:434-450 '66.

TAHITI—DESCRIPTION AND TRAVEL

On Tahiti Island. V. Grinberg. Az. i Afr. seg. 10 no. 7:41 JI '66.

TAIROV, ALEKSANDR IAKOVLEVICH, 1895-1950

From A. I. Tairov's notebook. Teatr 25 no. 10:73-80 O '64.

TAJK DEPRESSION—GEOLOGY, STRATIGRAPHIC

Epigenetic zoning of Lower Cretaceous sediments in the Tajik Depression. Sh. Babnev. Dokl. AN SSSR 168 no. 4:895-899 Je '66.

TAJKISTAN—ALFALFA

Methods of alfalfa soil cultivation. M. Asrorov, E. Kh. Moldavanova. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1:3-16 '66.

TAJKISTAN—BANKS AND BANKING—ACCOUNTING

On the efficient use of accounting machines. A. Pak. Den. i kred. 24 no. 6:62-63 Je '66.

TAJKISTAN—CRIMINAL LAW

Mullaev, M. M., and I. A. M. Iakovlev, eds. [Problems of criminal law and criminal procedure] Voprosy ugolovno-go i ugolovno-protsessual'nogo zakonodatel'stva. Dushanbe, Irif, 1964. 172 p. (CSI-II)

TAJKISTAN—FRUIT TREES

Anatomical study of annual shoots of some wild fruit trees of Tajikistan. A. A. Ashurov. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1:17-32 '66.

TAJKISTAN—GEOLOGY, STRUCTURAL

Some characteristics of the geology of Adyr structures in the Tajik Depression. T. A. Andieva. Trudy VNIGRI no. 237:142-150 '64.

Study of the slanting lamination of Lower Cretaceous sediments in the Tajik Depression. G. F. Rozhkov. Trudy VNIGRI no. 237:162-169 '64.

TAJKISTAN—LADYBIRDS

Study of Palearctic Hyperaspis (Coleoptera, Coccinellidae). V. A. Zaslavskii. Trudy Zool. inst. 37:60-61 '66.

TAJKISTAN—MILK VETCH

Materials on the flora of the Pamir-Alay region. Report No. 2: New species and a brief review of the section Pendulina Gontsch. of the genus Astragalus L. R. V. Kamelin. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1:48-53 '66.

TAJKISTAN—ORE DEPOSITS

Dilumens in fluorite from hydrothermal deposits in Tajikistan. V. V. Mogarovsky, A. B. Markov. Geokhimiya no. 4:459-463 Ap '66.

TAJKISTAN—ORNITHOLOGICAL RESEARCH

Main problems of ornithological research in Tajikistan. I. A. Abdusalimov. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1:125-127 '66.

TAJKISTAN—PARASITES—SHEEP

Fasciolosis and dicercariasis of sheep in Tajikistan. M. P. Sirotenko. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1:97-103 '66.

TAJKISTAN—RED SPIDER

Biology and ecology of Schizotetranychus pruni Oudemans (Acarina, Tetranychidae) in Tajikistan. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1:93-98 '66.

TAJKISTAN—SHEEP

Age-related changes in the muscles of the axial part and hind legs of Gissar sheep. A. S. Samlev. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1:104-110 '66.

TAJKISTAN—STATISTICS

Tajik S. S. R. Statisticheskoe upravlenie. [Tajikistan for the last 40 years: a statistical abstract] Tadjikistan za 40 let; statisticheskii sbornik. Dushanbe, Statistika, 1964. 241 p. (CSI-II)

TAJKISTAN—TILLAGE

Methods of alfalfa soil cultivation. M. Asrorov, E. Kh. Moldavanova. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1: 3-16 '66.

TAJKISTAN—WEEDS

More on the weed flora of the cotton zone in southern Tajikistan. A. Seldov. Izv. Old. biol. nauk. AN Tadjh. SSR no. 1:33-47 '66.

TALASS VALLEY—AGRICULTURE

Talass Valley. M. M. Kartavov. Izv. Kir. fil. Geog. ob-ya SSR no. 5:25-47 '65.

TALOVKA GAS FIELD—GAS, NATURAL—GEOLOGY

Talovka gas field in the northwestern part of the Caspian Lowland. A. S. Suvorov, V. A. Kuznetsov. Gaz. delo no. 6:6 '66.

TANK WARFARE

Armored power of our country; for Tanker's Day. V. Zhelezov. Agitator no. 16:19-20 Ag '64.
Konoplin, P. I., and N. A. Mal'kov. [The tank battalion in combat] Tankovyi batal'on v boiu. Moskva, Voenizdat, 1960. 109 p.

With a crimson cap band. F. Gavrikov. Voen. znani. 42 no. 6:10 Je '66.

TANKS

Building and operating floating roof tanks. N. R. Valiev. Transp. i khim. nefu i nefteprod. no. 3:22-25 '65.

Reducing the losses of easily evaporating petroleum products by selecting economical systems of steel reservoirs. M. I. Ashkinazi. Transp. i khim. nefu i nefteprod. no. 3:10-22 '65.

TANKS—CORROSION

Protecting steel tanks from corrosion caused by drain water. P. B. Finkel'shtein. Gas. delo no. 5:20-32 '66.

TANKS—DESIGN AND CONSTRUCTION

Gumite construction of tanks. B. A. Grigor'ev. Transp. stroit. 16 no. 6:30-31 Je '66.

TANKS—STANDARDS

Russia (1923 - U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction norms and regulations] Stroitel'nye normy i pravila. Moskva, Stroizdat. Pt. 2. Sec. G. Ch. 12. [Gas supply. Gas-distribution stations. Liquefied gas bottling and tank installations; design specifications] Gazosnabzhenie. Gazorazdatochnye stantsii. Ballonye i rezervuarye ustanovki skhizhennogo gaza; normy proekirovaniia (SNIP II-G. 12-95). 1966. 29 p.

TANKS (MILITARY SCIENCE)

At full speed. E. Orekhov. Voen. znani. 42 no. 6: 36 Je '66.

TANNING

One more effect of tanning. G. I. Kutlanin. Kozh. - obuv. prom. 7 no. 2:23-25 F '65.

TANNING—RESEARCH

At the seminars of the Scientific and Technical Society of Light Industry. Kozh. - obuv. prom. 7 no. 2:38-40 F '66.

TANNING MATERIALS

Effect of the length of the time of preliminary steeping of raw material in the percolator on dynamics of the extraction of tanning substances from the rootstock and roots of sanguisorba during percolation. V. F. Vinsova. Lek. i syr. res. Irk. obl. no. 4:127-130 '65.

Tanning properties of zirconium sulfate. Report No. 1. V. F. Dikhota, N. P. Kotov. Izv. vys. ucheb. zav. i tekhn. leg. prom. no. 2:76-107 '65.

TANNU-TUVA see Tuva A. S. S. R.

TANTALUM

Separation of niobium and tantalum in HCl-HF and H₂SO₄ - HF solutions by means of strongly basic AV-17 anion exchanger. V. S. Pakholkov, I. E. Maksimov. Zhur. prikl. khim. 39 no. 6:1170-1182 Mj '66.

TANTALUM—ANALYSIS

Determination of microgram amounts of tantalum in natural and industrial waste waters. L. I. Pets, V. D. Aleskovskii, A. D. Miller. Zhur. prikl. khim. 39 no. 5:1100-1102 Mj '66.

TANTALUM ISOTOPES—DECAY

Decay of Ta¹⁸². E. P. Grigor'ev and others. Izd. fiz. 4 no. 1:9-21 JI '66.

TANTALUM SALTS

Anodic dissolution of tantalum in fused chloride and chloride-fluoride electrolytes. L. E. Ivanovskii, V. N. Diev. Trudy Inst. elektrokhim. UFAI SSSR no. 7:73-76 '65.

TANZANIA—MANUFACTURES

The manufacturing industry of Kenya, Uganda, and the United Republic of Tanzania. BIKI [Prilozh.] no. 5: 15-35 JI '66.

TAPE AND WIRE RECORDERS AND RECORDING see Magnetic recorders and recording

TARASOV, DMITRII ALEKSANDROVICH, 1902-1966

D. A. Tarasov; obituary. Prom. energ. 21 no. 5:63 Mj '66.

TARKHANKUT PENINSULA—GAS, NATURAL—GEOLOGY

Prospects for finding gas in the Bakal area in the Tarkhankut Peninsula based on hydrogeological conditions. A. F. Kirichenko, I. D. Galtan. Nef. i gaz. prom. no. 3:9-11 Mj-Je '66.

TARNOVSKII, VENIAMIN MIKHAILOVICH, 1937-1966

Arkhangelski, S. P., V. M. Tarnovskii. [Leningrad] Meditsina, 1966. 68 p.

TASHKENT—EARTHQUAKES

Extend to Tashkent the fraternal help of the entire country. Sov. profsoyuzny 22 no. 13:14-15 JI '66.

Tashkent in June 1966. Vest. vys. shkoly 24 no. 6:16-10 Je '66.

TASHKENT—ELECTRIC ENGINEERING—STUDY AND TEACHING

Tenth anniversary of the Electrical Engineering Institute of Tashkent. M. I. Astakhov. Vest. svyazi 26 no. 3:20-30 Mj '65.

TASHKENT—HISTORY

Sokolov, IU. A. [Tashkent, its citizens, and Russia] Tashkent, tashkent i Rossiia, Tashkent, Izd-vo "Uzbekistan," 1965. 187 p. fold. map (in pocket) (CSI-II)

TASHKENT—INFLUENZA

Dynamics of anti-influenza antihemagglutinins in the population related to the epidemic waves of influenza. I. A. Shifrin, L. I. Shironin, I. I. Kamalov. Voen.-med. zhur. no. 12:53-54 D '65.

- TASHAKA CANAL—SEDIMENTATION AND DEPOSITION**
In situ studies of ripple-type movement of sediments. D. D. La, Raskovich, Trudy GGI no. 132:139-148 '66.
- TATAR A. S. S. R.—SHEEP BREEDING**
Economic and biological characteristics of French Merino crosses with coarse-wool sheep in Tatarstan. A. P. Soldatov, Trudy Mosk. vet. akad. 14:183-188 '66.
- TAX ADMINISTRATION** see subdivision under Donetsk Province
- TAXATION** see subdivision under United States
- TAXICABS**
Advance orders of taxicabs in trains. O. M. Krivenko, G. Zubrit, Avt. transp. 44 no. 6:9 Je '66.
- TAYLOR'S SERIES** see Series, Taylor's
- TBILISI** see Tiflis
- TEA**
(see also subdivision under Georgia)
Akademika nauk SSSR, Institut biokhimi. [Biochemistry and the progressive technology of tea production] Biokhimiya i progressivnaya tekhnologiya chaina proizvodstva. Moskva, Nauka, 1966, 401 p.
- TEACHERS**
How the problem of teaching personnel was solved during the first five-year plan. O. M. Filippov, Nauk. pratsi z ist. KPRF no. 5:94-101 '63.
Progressive traditions of our university teachers. N. L. Safrazhan, Vest. vys. shkoly 24 no. 6:72-75 Je '66.
The role of teachers in my life. Nar. obr. no. 6:39-46 Je '66.
- TEACHERS—SALARIES, PENSIONS, ETC.**
Legal advice. I. Bakhtanin, Nar. obr. no. 7:128 Ji '66.
- TEACHERS, TRAINING OF**
Are our teachers well-prepared for the education of children? V. Popov, Nar. obr. no. 6:89-90 Je '66.
Future teachers of the institutions of higher technical education master the art of skillful teaching. A. J. Novodvorskiy, Vest. vys. shkoly 24 no. 6:53-58 Je '66.
Give constant attention to young specialists! Nar. obr. no. 6:9-12 Je '66.
Raising the methodological level of teaching is the problem of utmost importance; work and plans of institutes for raising the qualifications of university teachers. I. L. Marinko, Vest. vys. shkoly 24 no. 6:59-62 Je '66.
We should raise the qualifications of educational personnel. Nar. obr. no. 7:1-7 Ji '66.
- TEACHING**
Conversation with a young school principal. V. Sukhomlinskiy, Nar. obr. no. 7:28-38 Ji '66.
How Soviet teachers use their time. I. Rachenko, Nar. obr. no. 7:16-19 Ji '66.
- TEACHING MACHINES**
Logical teaching device. V. Stremeln, B. Shishkin, Tekh. v sel'khoz. 26 no. 5:85-88 My '66.
- TECHNICAL ASSISTANCE, RUSSIAN** see subdivision under Burma; Egypt; India; Underdeveloped Areas; Vietnam, North
- TECHNICAL EDUCATION**
(see also subdivision under Turkmenistan)
[Admission rules and examination requirements for those entering special secondary (technical, vocational and normal) schools of the U. S. S. R. in 1966.] Pravila priema i programy vstupitel'nykh ekzamenov dlia postupaushchikh v srednie spetsial'nye uchebnye zavedeniya SSSR (tekhnicheskii, uchilishchskii, shkoly) v 1966. godu. Moskva, Vysshaya shkola, 1966, 63 p.
Future teachers of the institutions of higher technical education master the art of skillful teaching. A. J. Novodvorskiy, Vest. vys. shkoly 24 no. 6:53-58 Je '66.
How to improve the teaching of students in correspondence and evening schools. A. A. Iabonskiy, Vest. vys. shkoly 24 no. 5:39-43 My '66.
Some problems of the training of skilled labor force. I. D. Alkin, Trudy INKH no. 28:45-55 '65.
What type of automation engineers we need today. I. I. Petrov, B. G. Men'shov, Vest. vys. shkoly 24 no. 5:46-50 My '66.
The work of methodological conferences attended by the teachers of the institutions of higher education located in the same city. V. N. Shchelkachev, Vest. vys. shkoly 24 no. 5:43-45 My '66.
- TECHNICAL LIBRARIES** see subdivision under Kirov Province
- TECHNICAL SOCIETIES**
(see also subdivision under Armenia; White Russia)
The Fourth Congress of the Scientific and Technological Society of the Communal Economy and Automotive Transportation. B. Pevzner, Avt. dor. 29 no. 2:21-31 F '66.
- The second plenum of the Central Board of the Scientific and Technological Society of the Machinery Industry. N. S. Fedotenko, Vest. mashinost. 46 no. 5:87 My '66.
- TECHNOLOGICAL INNOVATIONS**
(see also subdivision under Armenia; White Russia)
[Academic generalization of progressive practice] Nauchnoe obshchenie poredovogo opyta. Moskva, Ekonomika, 1966, 168 p. (Ekononicheskii eksperiment, poredovoi opyt)
Basic principles of the system of material stimulation of inventors and innovators. E. P. Torkanovskii, Vop. izobr. no. 1:8-12 Ja '66.
Efficiency experts suggest. Transp. stol. 16 no. 6:53 Je '66.
Healthy risk and exact calculation. O. Zhelondkovskii, Sov. profsoyuzy 22 no. 12:12-13 Je '66.
In the Soviet Union. Prom. Arm. 9 no. 6:69-70 '66.
Inventions and innovations. Prom. Bel. 9 no. 4:49-50 Ap '66.
Monetary awards for supporting the introduction of technological innovations. F. P. Torkanovskii, Sov. gos. i pravo 36 no. 7:89-93 Ji '66.
The novelty of an innovation. B. N. Mukhin, Vop. izobr. no. 1:13-15 Ja '66.
Technical information. Prom. Bel. 9 no. 4:63 Ap '66.
This can be used in your enterprise. Mashinostroitel' no. 6:46-47 Je '66.
Use these yourself. Zhil.-kom. khoz. 14 no. 5:27 My '64.
- TECHNOLOGY**
Karpenko, A. V. [In key positions; the party organization in the fight for technological progress.] Na klichovykh postitsakh; partorganizatsiya v bor'bu za tekhnicheskii progress. [Kursk] Kurskoe kuzhnoe izd-vo, 1963, 35 p. (CS-II)
Technological progress and material self-interest. K. Kedrova, Plan. khoz. 43 no. 6:10-18 Je '68.
Technological progress and the time factor. E. Rakovskii, Plan. khoz. 43 no. 7:14-19 Ji '66.
- TECHNOLOGY—BIBLIOGRAPHY** see Bibliography—Technology
- TECHNOLOGY—DICTIONARIES**
Baron, L. I., ed. [German-Russian technical dictionary. About 40,000 terms] Nemetsko-russkii tekhnicheskii slovar'. Okolo 40 000 terminov. Moskva, Sovetskaya Entsiklopediya, 1966, 725 p.
- TECHNOLOGY—INFORMATION SERVICES**
Measures helping to improve the effectiveness of schools of advanced practice. I. I. Semkin, NTI no. 5:4 '66.
"NTI-66." Mekh. i avtom. proizv. 20 no. 6:46 Je '66.
Plan of the experimental and research work of the State Scientific Research Institute for Scientific and Technical Information. NTI no. 5:34 '66.
Planning the economic effect of using information at industrial enterprises. A. N. Polovnichik, NTI no. 5:3 '66.
Technical information service. I. U. Efremova, M. Baranova, Agitator no. 16:59 Ag '64.
- TECHNOLOGY AND CIVILIZATION**
Man of new horizon. A. Mikhalevich, Agitator no. 8:45-47 Ap '64.
- TEETH**
Mechanism of the penetrating radiation injury of hard tooth tissues. S. E. Manolov, I. A. Fedorov, Radiobiologiya 6 no. 3:387-390 '66.
- TELECOMMUNICATION**
Distribution of the envelope of a signal and noise sum with random angle modulation. V. V. Bykov, A. N. Fedoseev, Radiotekh. i elektron. 11 no. 6:1121-1122 Je '66.
Efficient work in honor of the party congress. Vest. svyazi 26 no. 3:3-4 Mr '66.
[Equipment for measurements in long-distance communication systems] Apparatura dlia izmerenii v dal'noi svyazi; informatsionnyi sbornik. Moskva, Svyaz', 1966, 156 p. (Tekhnika svyazi)
We should move still faster along the path of technological progress. N. D. Psurtsev, Vest. svyazi 26 no. 3:1-2 Mr '66.
- TELECOMMUNICATION—ABSTRACTS**
[Radio engineering and telecommunication] Ref. zhur.; Radiotekh. i elektron. svyaz' no. 5 My '66.
- TELECOMMUNICATION—EMPLOYEES**
Educate the telecommunication workers to respond to work as true communists should. Vest. svyazi 26 no. 4:13-21 Ap '66.
Following the Lenin path to communism. Vest. svyazi 26 no. 4:1-2 Ap '66.
In a friendly family. N. S. Gorina, Vest. svyazi 26 no. 3:27-28 Mr '66.
- Supply future communication specialists with a profound knowledge of economics. V. N. Lebedev, Vest. svyazi 26 no. 3:5-6 Mr '66.
To perform work of outstanding quality in the primary obligation of telecommunication employees. Z. S. Mel'vedev, N. M. Lashov, Vest. svyazi 26 no. 3:20-24 Mr '66.
- TELECOMMUNICATION—FINANCE**
Introducing business accounting within industry. M. P. Marchenko, Vest. svyazi 26 no. 3:10 Mr '66.
Standardize the planning and accounting for the profit index. A. M. Malokhiev, K. P. Chertvaenko, Vest. svyazi 26 no. 3:9-10 Mr '66.
- To fulfill the economic objectives of the 1966 plan and increase the profitability of the telecommunication enterprises. V. M. Koutudova, Vest. svyazi 26 no. 4:3-5 Ap '66.
- TELEGRAPH**
Device for semiautomatic servicing of the channels of voice-frequency telegraphy systems. L. N. Korotkiy, B. E. Plafimov, L. I. Aronovskii, Vest. svyazi 26 no. 3:15-17 Mr '66.
Mushkat, M. I. [Operation of voice-frequency telegraphy apparatus with frequency modulation] Tekhnicheskaya eksplanatsiya apparatury tonnoy telegrafirovaniya s chastotnoi modulatsiei. [Moskva] Svyaz', 1966, 97 p.
- TELEGRAPH—EQUIPMENT AND SUPPLIES**
Points (transducer) of a telegraphy apparatus. A. I. Kulikov, A. V. Litvinenko, Avtom., telem. i elektron. 10 no. 5:33 My '66.
- TELEMETER**
Using the DD-3 differential telemeter. A. Kolov, Avt. dor. 29 no. 6:28 Je '66.
- TELEMETERING**
Accuracy in establishing the time moment of events in telemetering systems with time division of channels. V. L. Feldman, Izv. vuz. ucheb. zav. i energ. 9 no. 5:22-27 My '66.
- Svecharkin, D. V. [Distance-type transmission systems, telemetering and remote control systems] Distantsionnye peredachi; sistemy izmereniia i upravleniia avtomatizatsionnoi. Izd. 2., perer. i dop. Moskva, Energiya, 1966, 479 p.
- TELEPHONE**
Telephone communication in cities and rural areas. P. N. Vinogradov, Vest. svyazi 26 no. 4:10 Ap '66.
Telephone communication should contribute to the solution of new problems. L. A. Gusev, Vest. svyazi 26 no. 4:7-8 Ap '66.
When the economic aspects receive adequate attention. S. G. Volkov, L. A. Iakovlev, Vest. svyazi 26 no. 3:11-26 Mr '66.
- TELEPHONE—EMPLOYEES**
Akub, N. I. [Job training of the electricians of municipal telephone exchanges] Proizvodstvennoe obucheniye mestnykh gorodskikh telefonnykh stantsii; metodicheskie posobie. Moskva, Vysshaya shkola, 1966, 107 p.
Method for evaluating the complexity of the work load of long-distance switchboard operators. A. U. Trosker, Vest. svyazi 26 no. 3:22-23 Mr '66.
- TELEPHONE—EQUIPMENT AND SUPPLIES**
Briukov, V. A., I. T. Kim, and E. Z. Rapoport. [V-2 multiplexing apparatus for rural telephone communication] Apparatura uplosheniia V-2 dlia sel'skoi telefonnoi svyazi. Moskva, Svyaz', 1966, 90 p. (Novoe v tekhnike svyazi)
Long-distance pay telephone. V. S. Irakov, N. V. Priglas, Vest. svyazi 26 no. 4:13-17 Ap '66.
- TELEPHONE—EXHIBITIONS** see subdivision under Leipzig
- TELEPHONE LINES**
The blame is on the coil loading box. P. N. Ivanenko, Avtom., telem. i elektron. 10 no. 5:36-37 My '66.
- TELEPHONE STATIONS**
Lysitskiy, B. S., and G. I. Grigor'ev. [Principles of telephony and telephone stations of rural and long-distance telephone exchanges] Osnovy telefonii i telefonnykh stantsii sel'skoi i mezhgorodnoi svyazi. [Moskva] Svyaz', 1966, 486 p.
New long-distance telephone exchange. Vest. svyazi 26 no. 3:30 Mr '66.
- TELEPHONE STATIONS—MAINTENANCE AND REPAIR**
Akub, N. I. [Job training of the electricians of municipal telephone exchanges] Proizvodstvennoe obucheniye mestnykh gorodskikh telefonnykh stantsii; metodicheskie posobie. Moskva, Vysshaya shkola, 1966, 107 p.
- TELEPHONE STATIONS—MANAGEMENT**
Capital assets of municipal telephone stations and their utilization. M. G. Karmazov, Vest. svyazi 26 no. 4:29-31 Ap '66.
We are preparing to transfer to new conditions of management. A. E. Ivchenko, Vest. svyazi 26 no. 4:31 Ap '66.

TELESCOPE—SAFETY APPLIANCES

Preservation from moisture and frosting of lenses of telescopes used for tracking artificial earth satellites. V.V. Shmel'g. Biol. sta. opt. nabl. isk. spul. Zem. no. 40:30-32 '64.

TELEVISION

Kazink, M. L., and N. A. Safroshin. [Fundamentals of television] Osnovy televideniia. Moskva, Vysshaya shkola, 1968. 183 p.

TELEVISION—ANTENNAS

"Shprengel'" support towers. A. A. Voevodin. Vest. svyazi 26 no. 4:9-12 Ap '66.

TELEVISION—EQUIPMENT AND SUPPLIES

Collection of primary video data using small frame television apparatus. V. I. Konchik, L. I. Kurovov. Radiotekhnika 21 no. 5:39-46 My '66.

TELEVISION—RECEIVERS AND RECEPTION

(see also subdivision under Lvov)

Modernization of old types of television receivers. S. Sol'nikov. Radio no. 5:26-28 My '66.

Sol'nikov, S. K. [Conversion of television receivers] Peredelka televizorov. Izd. 2, perer. i dop. Moskva, Energiya, 1966. 110 p. (Maassovaia radiotekhnika, no. 595)

TELEVISION IN EDUCATION

Educational role of the sky-blue screen. L. Pressman. Nar. obr. no. 7:67-71 Ji '66.

TELEVISION PLAYS see subdivision under Poland

TELLURIUM see subdivision under Uzbekistan

TELLURIUM—ANALYSIS

Extraction-photometric determination of microgram amounts of tellurium by tetramethylthiuram disulfide. V. E. Tutkayev, E. J. Ramanuskas. Zhur. anal. khim. 21 no. 5:564-567 '66.

Mercaptobenzothiazole as a reagent for the photometric determination of tellurium. E. J. Ramanuskas, V. E. Tutkayev. Zhur. V KHO 11 no. 3:335-350 '66.

TELLURIUM—CHROMIUM ALLOYS see Chromium-tellurium alloys

TEMPERATURE—EFFECT ON ALUMINUM see

Aluminum, Effect of temperature on

TEMPERATURE—EFFECT ON CADMIUM see

Cadmium, Effect of temperature on

TEMPERATURE—EFFECT ON COPPER see Copper,

Effect of temperature on

TEMPERATURE—EFFECT ON GLASS see Glass,

Effect of temperature on

TEMPERATURE—EFFECT ON MAGNETIZATION see

Magnetization, Effect of temperature on

TEMPERATURE—EFFECT ON METALS see Metals,

Effect of temperature on

TEMPERATURE—EFFECT ON PLANTS see Plants,

Effect of temperature on

TEMPERATURE—PHYSIOLOGICAL EFFECT

Acclimatization of white rats under the condition of chronic intermittent unfavorable temperatures. R. A. Katsnel'son, L. G. Babushkina. Biol. eksp. biol. i med. 61 no. 5:40-43 My '66.

Differential sensitivity of the phases of the mitotic cycle to the action of temperature in two types of cell populations in one-day-old rats. G. S. Lebedeva, A. A. Zvereva. Arkh. anat., gist. i embr. 50 no. 5:21-28 My '66.

Effect of high sublethal temperature on inbred lines and interlinear hybrids of the mulberry silkworm and the Chinese tussah moth. V. G. Shukhbarov, A. T. Popel'. Uch. zap. KHGU 140:25-28 '63.

Effect of rapid cooling and heating on blood pressure and respiration. G. I. A. Odishvili, G. V. Khvedelidze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:310-332 '59.

Effect of temperature on the mitotic cycle of nephron cells. A. V. Dhanet. Arkh. anat., gist. i embr. 50 no. 5:29-33 My '66.

Protective effect of polymers of ethylene oxide on the human erythrocytes during freezing. O. M. Vorotilin, M. I. Shraha. Dop. AN URSSR no. 5:638-643 '66.

Significance of light and temperature in the reproduction of some species of Lepidoptera (Porhietria dispar L. and Bombyx mori L.). A. V. Bohach, I. M. Zolotoverkha, O. I. Kyrychenko. Dop. AN URSSR no. 8:825-827 '66.

TEMPERATURE FIELDS

Temperature field of a slender square rod under conditions of free cooling. E. S. Platonov. Teplofiz. vys. temp. 4 no. 1:108-114 Ja-F '66.

TEMPERATURE REGULATORS

Automatic temperature regulation in induction pipe welding. I. M. Aronov, A. A. Kostenevich. Mekh. i avtom. prozv. 20 no. 8:28-28 Je '66.

Investigating temperature regulation of molds in die casting. V. P. Novikov, G. F. Balandin. Avt. prom. 32 no. 6:36-36 Je '66.

The RTK-2-type automatic pulse regulator of air temperature in coal mine shafts. M. G. Pogibko. Ugol' 41 no. 6:47-49 Je '66.

TEMPORAL ARTERIES

Diagnostic significance of the reactions of temporal arteries in acute closed cerebral trauma. M. S. Shindler. Voen.-med. zhur. no. 5:30-31 My '66.

TENCH see subdivision under Voronezh Province

TENDONS

The lymphatics of the tendons of the upper extremity in man. M. D. Gatsalov. Arkh. anat., gist. i embr. 50 no. 3:73-81 Mr '66.

TEN'GA, LAKE

Lakes Aya, Menzherok and Ten'ga in the Gornyy Altai. N. G. Sedukhov. Izv. Alt. otd. Geog. ob-va SSSR no. 2: 54-73 '63.

TENSIMETERS

Pressure tensiometer gauge. Transp. i khran. nefti i nefteprod no. 3:35 '65.

TENT CATERPILLARS—FEEDING AND FEEDS

Growth of tent caterpillar Malacosoma neustria L. as related to various feeding plants. T. M. Romanenko. Dop. AN URSSR no. 5:676-678 '66.

TERBIUM ISOTOPES—DECAY

K-forbidden β -transitions in Tb^{160} decay. B. S. Dzhelepoev and others. Izv. AN SSSR. Ser. fiz. 30 no. 7:1159-1166 Ji '66.

TEREK VALLEY—REVOLUTION, 1917-1921

Ekati, B. P. [Bol'sheviki of the Terek Valley at the forefront of the struggle against interventionists and the internal counterrevolution, summer 1918-early 1919] Bol'sheviki Tereka vo glave bor'by protiv interventov i vnutrennei kontrrevoliutsii (leta 1918-nachalo 1919 gg.) Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1964. 54 p.

TEREKHOV, PETR GRIGOR'EVICH, 1904-1964

Modest man of science; in memory of P. G. Terekhov. Vest. LGU no. 9:152-153 '66.

TERENIN, ALEKSANDR NIKOLAEVICH, 1896-

Academician A. N. Terenin; on his seventieth birthday. A. A. Krasnovskii. Zhur. fiz. khim. 40 no. 5:1163-1165 My '66.

Academician Aleksandr Nikolaevich Terenin; on his 70th birthday. Opt. i spekt. 20 no. 5:927-928 My '66.

Aleksandr Nikolaevich Terenin; on his seventieth birthday. Vest. LGU 21 no. 10:9-14 '66.

TERNOPOL' PROVINCE—CITIES AND TOWNS

Problems in the further development of the cities of Ternopol' Province. N. A. Petruga. Ekon. geog. no. 2:53-62 '64.

TERNOPOL' PROVINCE—SCYTHIAN ANTIQUITIES

A settlement of the Scythian period near the village of Ivane-Puste. O. D. Hanina. Arkheologia 10:106-117 '65.

TERRACES (GEOLOGY)

Vdurnia, E. A. [Cryogenic sloping terraces] Kriogeniya sklonovye terrasy. Moskva, Nauka, 1966. 94 p.

TERRESTRIAL MAGNETISM see Magnetism,

Terrestrial

TESTICLE

Changes in the nucleic acid concentration in the liver and testes of rabbits following intervarietal crossings. M. P. Volovik, I. P. Filippova. Uch. zap. KHGU 140:5-11 '63.

TESTICLE—CANCER

Etiology and the pathogenesis of malignant tumors of the testicle. G. A. Gzishvili. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:103-111 '59.

Histogenesis and morphology of malignant tumors of the testicle. G. A. Gzishvili. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:113-124 '59.

TESTING MACHINES

Dement'ev, Kh. N. [Devices and units for testing friction pairs and joints used in the manufacture of machinery] Priboi i ustanovki dlia ispytaniia par trenia i soedinenii, primeniamykh v mashinostroenii. Rostov-na-Donu, 1964. 91 p. (Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov, no. 49)

Devices for testing small quantities of polymeric materials. V. M. Rubinstein and others. Zav. lab. 32 no. 5:609-611 '66.

Machine for testing materials for mechanical wear. A. P. Doroshuk. Zav. lab. 32 no. 5:621-622 '66.

TESTING MACHINES—ATTACHMENTS

Comparative characteristics of devices used for fixing specimens on the M-type friction-testing machine. Sh. Z. Zakirov. Trudy Tadzh. sel'khoz. inst. 7:52-55 '65.

TETANUS

Activity of cholinesterase of the central nervous system and muscles in the dynamics of experimental tetanus intoxication. L. V. Donskaia, N. E. Zhebrovskaya, G. N. Tsybuliak. Biol. eksp. biol. i med. 61 no. 5: 34-35 My '66.

Compound treatment of tetanus in children. Z. M. Kerimov. Azerb. med. zhur. 43 no. 4:85-88 Ap '66.

TETEREV VALLEY—CHEMICAL ELEMENTS

Distribution of accessory elements in the rocks of the middle Teterov Valley. E. I. Lohvin. Geol. zhur. 26 no. 3:20-28 '66.

TETEREV VALLEY—GEOMORPHOLOGY

Geomorphological structure of the Teterov Valley. I. O. Koshyk. Dop. AN URSSR no. 6:807-809 '66.

TETKINO (KURSK PROVINCE)—FLOUR MILLS

Leading workers of the Tetkino Milling Combine. A. Zubarev. Muk.-elev. prom. 32 no. 5:4 My '66.

TETRACYCLINE

Direct quantitative evidence of the primary localization of tetracycline in cell mitochondria. N. M. Smol'nikova, G. I. Kivmon. Antibiotiki 11 no. 5:426-429 My '66.

Experimental study of glycine methyltetracycline (glycoeycline). A. M. Savell'son, E. K. Borzina, V. K. Vasil'ev. Antibiotiki 9 no. 10:910-914 O '64.

Radiation sterilization of preparations of the tetracycline group and some other antibiotics. V. I. Pochapskii, Z. V. Ermolova, A. Kh. Breger. Antibiotiki 9 no. 10: 928-930 O '64.

Some characteristics of the binding of antibiotics of the tetracycline group by organ homogenates of kittens with experimental dysentery. K. V. Klimov. Antibiotiki 11 no. 5:464-467 My '66.

TETRACYCLINE—THERAPEUTIC USE

Use of tetracyclines in oncology. V. A. Filov, T. V. Shemakina, N. A. Levitskaia. Vop. onk. 12 no. 6: 99-103 '66.

TETRADECANOL

Lipids. Part 31: Synthesis of α -1-tetradecenyl ether glycerol. E. A. Parfenov, G. A. Serchbrennikova, N. A. Preobrazhenskii. Zhur. org. khim. 2 no. 4:629-632 Ap '66.

TEXTBOOKS

Textbooks for the schools of general education. V. Grigor'ev. Knizh. torg. 17 no. 6:20-29 Je '66.

TEXTILE FABRICS—TESTING

Effect of structure on the quality indices of products with pile applied in the electric field. E. M. Bershev, M. I. Sukharev. Izv. vys. ucheb. zav. i tekhn. log. prom. no. 2: 61-66 '66.

Selecting abrasives for the abrasion testing of shoe fabrics. N. A. Gumenyil, V. V. Rybal'chenko. Izv. vys. ucheb. zav. i tekhn. log. prom. no. 2:55-60 '66.

TEXTILE FACTORIES—FIRES AND FIRE PREVENTION

Alekseev, M. V., and A. G. Ispravnikova. [Fire prevention in the production of plastics and synthetic fibers] Pozharnaya profilaktika pri proizvodstve plasticheskikh mass i khimicheskikh volokon. Pod red. M. V. Alekseeva. Moskva, Stroizdat, 1966. 179 p.

TEXTILE FACTORIES—SAFETY MEASURES

Artemenko, M. A. [Safety measures in the production of man-made fibers] Tekhnika bezopasnosti pri proizvodstve khimicheskikh volokon. Moskva, Khimlia, 1966. 145 p.

TEXTILE FIBERS, SYNTHETIC

(see also subdivision under Kalinin)

Aging and stabilization of synthetic fibers. L. G. Tokareva, N. V. Mikhailov. Zhur. V KHO 11 no. 3:293-302 '66.

Artemenko, M. A. [Safety measures in the production of man-made fibers] Tekhnika bezopasnosti pri proizvodstve khimicheskikh volokon. Moskva, Khimlia, 1966. 145 p.

Konkin, A. A., and M. P. Zverev. [Polyolefin fibers] Poliolefinovye volokna. Moskva, Khimlia, 1966. 278 p.

Synthetic fibers. Za tekhn. prog. 4 no. 11:48 N '64.

TEXTILE FIBERS, SYNTHETIC—ELASTIC PROPERTIES

Elastic and relaxation characteristics of polyvinyl alcohol fibers. A. M. Stalevich and others. Izv. vys. ucheb. zav. i tekhn. log. prom. no. 2:69-77 '66.

TEXTILE INDUSTRY see subdivision under Minsk

TEXTILE INDUSTRY—MANAGEMENT

(see also subdivision under Ivanovo; Leningrad)

Malizin, L. A. [Planning in the textile industry] Planirovaniye v tekstil'noi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry legkoj promyshl., 1963. 274 p.

(CROTU)

THAELMAN, ERNST, 1886-1944

Beginning of a remarkable career. A. Varshavskii, Mol. komm. no. 8:82-89 Ag '64.

THAILAND—VILLAGE COMMUNITIES

Village community traditions in Central Thailand. E. V. Ivanova, Nar. Az i Afr. no. 3:70-73 '66.

THALLIUM—ANALYSIS

Determination of impurities in thallium by the neutron activation method. V. A. Pronin, E. N. Glibbert, P. I. Artukhin. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:88-90 '66.

THALLIUM COMPOUNDS

Potentiometric analysis of trivalent thallium chloride complexes. F. I. A. Kul'ba, I. B. Iakovlev, V. E. Mironov. Zhur. ob. khim. 36 no. 6:1003-1008 Je '66.

Spectrophotometry of complexes in the system thallium (III) - nitrotriacetic acid. V. I. Kornev, K. V. Astakhov, V. I. Rybina. Zhur. fiz. khim. 40 no. 5:1106-1111 My '66.

THANT, U, 1900-

People and events: Kumaraswamy Kamaraj; U Thant; Miguel Angel Asturias. Nov. vrem. 24 no. 31:4, 8, 11 Ji '66.

THAWING

Characteristics of freshly thawed water. P. A. Shershev, N. I. Vilutis. Lek. i syr. res. Irk. obl. no. 4:204-205 '65.

Dynamics of soil thawing. V. V. Salazanov. Meteor. i gidrol. no. 6:40-44 Je '66.

THEATER

(see also subdivision under Algeria; Gorky; London; Moscow; Orel; Paris; Sweden; Ukraine; White Russia)

Novskii, L. A. [Birth of an actor] Rozhdenie aktera. Moskva, Molodai gvardia, 1965. 128 p. (Ncu)

Theater of the Absurd. Jim Victor. Teatr 25 no. 10: 114-118 O '64.

THEATER—PRODUCTION AND DIRECTION

Eighteen thousand battles. I. Shok. Teatr 25 no. 10: 54-57 O '64.

The fourth. V. Simon'ian. Teatr 25 no. 10:87 O '64. Leningrad. Gosudarstvennyi institut teatra, muzyki i kine-matografi. [Stage direction in progress] Rozhissura v puti; sbornik statei. Leningrad, Iskusstvo [1960] 212 p.

The play remains unread. Millisa Kon. Teatr 25. no. 10:11-15 O '64.

THEATER AUDIENCES see subdivision under Moscow; Nikolayev; Sverdlovsk

THEATERS—STAGE SETTING AND SCENERY

An artist on a tour. E. Rakitina. Teatr 25 no. 10:99-100 O '64.

THEILERIASIS

Epizootiology and prophylaxis of theileriasis in cattle in southern Kyzyl-Orda Province. S. K. Svanbaev, I. Isakov. Vest. sel'khoz. nauki [Kazakh], 9 no. 6: 53-58 Je '66.

THEOLOGICAL SEMINARIES

Admission rules for entrance to the theological institutions of the Moscow Patriarchate for the 1966/67 academic year. Zhur. Mosk. Patr. no. 5:25-26 '66.

THEORY OF COMBUSTION see Combustion, Theory of**THEORY OF GROUPS** see Groups, Theory of

E see Knowledge, Theory of

THEORY OF STABILITY OF MOTION see Stability of motion, Theory of**THEOTOCOPULI, DOMINICO, Called El Greco, d. 1614**

Kaplerova, T. P. [El Greco; a monographic sketch] El Greco; monograficheski ocherk. Moskva, Iskusstvo, 1965. 184 p. illus., plates. (MN)

THERAPEUTICS

Kassirskii, I. A., and I. U. L. Mitovskaya. [Studies on present-day clinical therapy] Ocherki sovremennoi klinicheskoi terapii. Tashkent, Izd-vo Meditsina Uzbekskoi SSR, 1966. 309 p. (DNLM)

Treatment of parkinsonian akinesia. I. A. Travenets. Zhur. nevr. i psikh. 66 no. 5:703-706 '66.

THERAPEUTICS, PHYSIOLOGICAL

Dynamics of plethysmographic data in patients with pulmonary tuberculosis in the compound sanatorial and climatic treatment including heliotherapy. I. U. M. Guzev, E. P. Ozhogina. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:121-124 Mr-Apr '66.

Limits of biological therapy in pediatric psychiatry. C. Koupernik. Zhur. nevr. i psikh. 66 no. 7:1082-1088 '66.

State of protein fractions, glycoproteins and lipoproteins of the blood serum in chronic nonspecific pneumonia in children and their changes under the effect of sanatorium and health resort treatment. S. M. Gavalov, V. V. Tkach. Zhur. eksper. i klin. med. 6 no. 2:19-24 '66.

THERMAL ANALYSIS

Study of the binary system KF - HfF₄. I. M. Sheiko, H. O. Bulukhova, V. T. Mal'tsev. Dop. AN URSS no. 6:752-784 '65.

THERMAL DIFFUSIVITY

Thermal diffusion during free convection. V. P. Kashka-rov. Probl. teploenerg. i prikl. teplotiz. no. 2:214-217 '65.

THERMAL STRESSES

Stability of elastic rods under thermal stresses. A. N. Bozhinskii, A. S. Vol'nir, A. T. Ponomarev. Izv. vys. ucheb. zav.; mashinost. no. 4:34-38 '66. Temperature deformations of a coating. R. I. Medvedskii, G. K. Mamedov. Za tekhn. prog. 4 no. 11:20-32 N '64.

THERMAL WATERS

Natural conditions governing the formation of thermal waters and their deposits. B. F. Mavritskii. Izv. AN SSSR. Ser. geol. 31 no. 6:72-83 Je '66.

Vymorkov, B. M. [Geothermal electric power plants] Geotermalnye elektrostani. Moskva, Energiia, 1966. 110 p. (Biblioteka teplotekhnika, no. 14)

THERMIONIC EMISSION

Electronic work function of germanium samples of different types of conductivity under conditions of a catalytic reaction. V. M. Frolov. Kin. i kat. 7 no. 3: 564-565 My-Je '66.

Probing of plasmas in thermionic converters with high cesium vapor pressure. Part 1. G. A. Duzhev and others. Zhur. tekhn. fiz. 36 no. 4:679-691 Ap '66.

Probing of plasmas in thermionic converters with high cesium vapor pressure. Part 2. G. A. Duzhev and others. Zhur. tekhn. fiz. 36 no. 4:692-703 Ap '66.

Thermionic emission from uranium dodecaboride. S. V. Ermakov, B. M. Tsarev. Atom. energ. 20 no. 5:439-440 My '66.

THERMISTORS

Standard links of automatic control systems using thermistors. V. N. Stanishovskii, V. A. Palagin. Izv. vys. ucheb. zav.; energ. 9 no. 5:116-119 My '66.

THERMOCHEMISTRY

Kulikov, I. S. [Thermal dissociation of compounds] Termicheskaia disotsiatsiia soedinenii. [Moskva] Metallurgiya, 1966. 250 p.

Thermochimistry of molten iron and nickel-base alloys. Abu el-Khasan and others. Izv. AN SSSR. Mat. no. 3: 19-30 My-Je '66.

THERMODYNAMICS

Moscow. Energeticheskii institut imeni G. M. Krzhizhanskogo. [Heat exchange in power engineering systems] Teploobmen v elementakh ustanovok. Moskva, Nauka, 1966. 221 p.

Thermodynamic characteristics of irreversible natural processes. V. A. Zharikov. Geokhimiia no. 10:1191-1206 O '65.

Velnik, A. I. [New system of the thermodynamics of reversible and irreversible processes] Novaya sistema termodinamiki obratimyykh i neobratimyykh protsessov. Minsk, Vysshaya shkola, 1966. 45 p.

THERMOMAGNETISM

Theory of the thermomagnetic treatment of highly coercive Ticonal-type alloys. A. S. Ermolenko. Izv. AN SSSR. Ser. fiz. 30 no. 6:1046-1040 Ju '66.

THERMOMETRY

Factors affecting the temperature of rails. S. P. Pershin. Puti i put. khoz. 10 no. 6:37-39 '66.

THERMOSTAT

Microcanonical system distribution in a thermostat. V. P. Milant'ev. Trudy Un. druzh. nar. 11. Fiz. no. 1: 90-103 '65.

THIA-AZABICYCLOHEPTANECARBOXYLIC ACID

Induction of the synthesis of staphylococcal penicillinase by the semisynthetic penicillins cloxacillin and naphcillin. V. G. Dubova. Antibiotiki 11 no. 5:405-410 My '66.

THIA-AZABICYCLOHEPTANECARBOXYLIC ACID—THERAPEUTIC USE

Chemotherapeutic properties of methicillin. A. I. Samelch, M. A. Petrova. Antibiotiki 9 no. 10:899-902 O '64.

THIAZINE—SPECTRA

Spectral investigation of the nonionic form of thiazine dyes and its photoreduction. Kh. L. Arvan. Zhur. fiz. khim. 40 no. 5:972-976 My '66.

THICKHEADED FLIES see subdivision under Voronezh Province**THIOCYANOGEN**

Reactivity of p-substituted styrenes containing IV B group elements in the reaction of thiocyanogen addition. E. A. Chernyshev, A. A. Zelenetskaya, T. I. Krasnova. Izv. AN SSSR. Ser. khim. no. 6:1118-1120 '66.

THIONIC ACIDS

Relationship between the structure and the activity of ammonium ions as catalysts for the conversion of thionitric acid to polythionic acids. N. P. Volynskii, N. K. Druzhnina. Zhur. org. khim. 2 no. 4:507-509 Ap '66.

THIONINE—SPECTRA

Spectral investigation of the nonionic form of thiazine dyes and its photoreduction. Kh. L. Arvan. Zhur. fiz. khim. 40 no. 5:972-976 My '66.

THIOSTREPTON

Description of the organism producing the antibiotic 21-31 of the thiostrepton group and the conditions for its production. S. M. Rudala, M. M. Bychkova. Antibiotiki 11 no. 5:410-414 My '66.

THIOSULFATES—THERAPEUTIC USE

Use of sodium thiosulfate in laryngeal. F. I. Parin, M. G. Peltsov. Voen.-med. zhur. no. 5:38-40 My '66.

THIOSULFURIC ACID

Relationship between the structure and the activity of ammonium ions as catalysts for the conversion of thiosulfuric acid to polythionic acids. N. P. Volynskii, N. K. Druzhnina. Zhur. org. khim. 2 no. 4:507-509 Ap '66.

THIRST

Cardiac activity and the functional state of the respiratory center in thirst. A. I. Lakomkin, L. S. Muraya. Biol. Ob-va estestvoispyt. 13:99-104 '64.

Reflex influences on the cardiovascular and respiratory systems under various water supply conditions of the organism. A. I. Lakomkin. Biol. Ob-va estestvoispyt. 13:94-98 '64.

THURAM DISULFIDE

Extraction-photometric determination of microgram amounts of tellurium by tetramethylthiuram disulfide. V. E. Tutuvine, E. J. Ramonaukas. Zhur. anal. khim. 21 no. 5:564-567 '66.

THORIUM IN THE BODY

Natural content and distribution of thorium in the human body. N. A. Pavlovskaya. Med. rad. 11 no. 5:28-30 My '66.

THORIUM NITRATES

Solubility of tellurium in the system $\text{Th(NO}_3)_4 - \text{HNO}_3 - \text{H}_2\text{O}$ and $\text{UO}_2(\text{NO}_3)_2 - \text{Th(NO}_3)_4 - (\text{C}_2\text{H}_5\text{OH})_2\text{HNO}_3 - \text{H}_2\text{O}$ at 25°C. A. V. Nikolov, A. I. Babich, W. A. Afanas'ev. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:129-131 '66.

THOUGHT AND THINKING

Rylak, L. A. [Thinking in images and the literature lesson] Obraznoe myshlenie i urok literatury. Moskva, Prosveshchenie, 1966. 202 p.

THRIFT (PLANT) see subdivision under Luga District**THROMBOEMBOLISM**

Thromboembolism of the large blood vessels. M. E. Komakhidze. Trudy Inst. okup. i klin. khir. i gemat. AN Gruz. SSR 8:385-411 '59.

THROMBOSIS

Effect of hemolysate on the retraction of a blood clot in acute radiation sickness. D. N. Ishmukhametova. Med. rad. 11 no. 6:54-57 Ju '66.

Panchenko, V. M. [Coagulation and anticoagulation systems in the pathogenesis and treatment of intravascular thromboses] Svyerlyvalushchala, protivosvyerlyvalushchala sistemy v patogeneze i lechenii vnutrisuditsykh trombozov. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1966. 31 p. (DNLM)

THRUSHES see subdivision under Azerbaijan**THUNDERSTORMS**

(see also subdivision under Turkmenistan)

Device for locating near acats of the formation of thunderstorms from a single point. P. S. Lydaar. Trudy GGO no. 188:29-33 '66.

Once more on the relation between the potential gradient and thunderstorms. I. A. M. Shvart, S. I. Anikreva. Trudy GGO no. 188:51-54 '66.

THYMOL—SPECTRA

Dependence of infrared spectra of thymol on the state of aggregation. A. I. Mardasova, A. V. Bulgakov. Opt. i spekt. 20 no. 5:912-913 My '66.

THYMOLPHTHALEIN

Change in some properties of phenolphthalein and thymolphthalein as a result of plastic deformation under high pressure. M. G. Gungiberg, A. A. Petrov. Dzh. N. Anell. Izv. AN SSSR. Ser. khim. no. 5:1060-1061 '66.

THYMUS GLAND

Effect of the epithelial stroma of the thymus on the differentiation of lymphocytes. E. A. Lurid, A. E. Smirnova. *Izvestiya Akad. nauk, biol. i med.* 61 no. 5:103-107 My '66.

General plasmacytic reaction in the thymus of rats in acute radiation sickness. I. U. P. Khossar. *Arkh. anat., gist. i embriol.* 50 no. 3:49-55 Mr '66.

Morphological changes in the thymus and spleen in mice exposed at birth to local irradiation with a massive X-ray dose. I. M. Goucharenko, A. I. Fridmanstein. *Izvestiya Akad. nauk, biol. i med.* 61 no. 6:103-107 Ju '66.

THYROID GLAND

Function of the thyroid gland and basal metabolism in various forms and some complications of diabetes mellitus. V. G. Amaturian, V. M. Arutunian, N. N. Sakandian. *Zhur. eksp. i klin. med.* 6 no. 2:99-98 '66.

High-sensitivity collimators for scanning the thyroid gland. V. F. Smirnov, L. F. Ivanova, E. G. Matveenko. *Med. rad.* 11 no. 6:33-37 Je '66.

THYROID GLAND—CANCER

Immunological changes in cancer of the thyroid gland. K. A. Sidorov, L. P. Vinnik. *Vop. onk.* 12 no. 6:46-50 '66.

THYROID GLAND—SURGERY

Phagocytic capacity of leucocytes during different functional states of the thyroid gland. N. N. Kobadze, Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 8:315-318 '59.

THYROID HORMONES

Effect of insufficiency and excess of thyroid hormones in rabbit body on the activity of a nonspecific hyaluronidase inhibitor. P. I. Fogel. *Izvestiya Akad. nauk, biol. i med.* 61 no. 5:51-53 My '66.

TICKS AS CARRIERS OF DISEASE

Prolonged preservation of the foot-and-mouth disease virus in the hemolymph of the tick *Dermacentor pictus* Herms. A. M. Larkin. *Vop. vet. virus.* 2:609-614 '66.

TIDES

Atishuler, V. M. [Practical problems of the analysis and calculation of oceanic tides] *Prakticheskie voprosy analiza i rascheta morskikh prilivov*. Leningrad, GIMIZ, 1966. 310 p.

TIAN SHAN—AVALANCHES

Method of forecasting the hazard of avalanches based on the intensity of snowfalls in the T'ien Shan. M. P. Shcherbakov. *Izv. AN SSSR. Ser. geog.* no. 3:100-111 My '66.

TIFLS—CONCRETE CONSTRUCTION—FORMWORK

Correcting the technology of the production of curing chambers in the Tiflis Housing Construction Combine. I. D. Bekhadze, G. Kh. Gevorkian. *Ist. i zhel. -bet. [Tiflis]* 1:79-86 '65.

TIKHENKO SERGEI IVANOVICH, 1896-

S. I. Tikhenko; on his 70th birthday. *Rad. pravo* 29 no. 8:89 Je '66.

TILES—PERMEABILITY

Steam permeability of a facing layer of ceramic tiles with various methods of laying them. A. V. Zhukov and others. *Stek. i ker.* 23 no. 6:25-27 Je '66.

TILLAGE

(See also subdivision under Kuybyshev Province; Novosibirsk Province; Tajikistan)

Soil density and tillage. I. I. Kosheva. *Uch. zap. Ped. inst. Gerts.* 312: 132-146 '66.

TILLAGE—EQUIPMENT AND SUPPLIES

Some results of studying the traction of tillage implements on stubble fields. V. P. Litvin. *Vest. sel'khoz. nauk (Kazakh.)* 9 no. 6:69-73 Je '66.

TIMAN RANGE—GAS, NATURAL—GEOLOGY

Basic characteristics of the distribution of oil and gas fields in the southern part of the Timan-Pechora basin and the methodology of prospecting. V. I. Bogatki, M. Sh. Modyevskii, N. D. Matyevskii. *Trudy VNIGI* no. 237:33-41 '64.

TIMAN RANGE—PETROLEUM GEOLOGY

Basic characteristics of the distribution of oil and gas fields in the southern part of the Timan-Pechora basin and the methodology of prospecting. V. I. Bogatki, M. Sh. Modyevskii, N. D. Matyevskii. *Trudy VNIGI* no. 237:33-41 '64.

TIMAN RANGE—PROSPECTING

Geological and economic efficiency of prospecting for oil and gas in the Timan-Pechora oil- and gas-bearing area. A. E. Bibik. *Trudy VNIGI* no. 237:303-311 '64.

TIME AND ECONOMIC REACTIONS

Evaluation of the time factor in determining the economic efficiency of prospecting for gas and oil. P. T. Kozlov, M. B. Dobrovolskii. *Ekon. netdoh. prom.* no. 1:18-23 '66.

Technological progress and the time factor. E. Rakovskii. *Plan. khoz.* 43 no. 7:14-19 Ji '66.

TIME SIGNALS

[Official time at mean moments of radio signal transmissions] *Etal. vrem. v sred. mom. pered. radioizg.* O-D '65.

TIME STUDY—BIBLIOGRAPHY see Bibliography—Time study

TIMOFEEV, MIKHAIL PAVLOVICH, 1912-1966

Mikhail Pavlovich Timofeev, 1912-1966; obituary. *Meteor. i gidrol.* no. 6:70 Je '66.

TIN ORES see subdivision under Azov Sea region

TIN ORGANIC COMPOUNDS see Organotin compounds

TIRES, RUBBER—RETHREADING AND RECAPPING see subdivision under Slonim (Ukraine)

TISSUE CULTURE

Biocytological and morphological changes of tissues surviving in various culture media. A. V. Teterina and others. *Vop. vet. virus.* 2:99-109 '66.

Comparative evaluation of the effectiveness of some media used for tissue cultures. P. A. Sergeeva, N. Z. Khazipov, T. N. Romanovich. *Vop. vet. virus.* 2:10-113 '66.

Comparative evaluation of the methods of trypsinizing the kidney tissues of young swine with heating or refrigeration. B. V. Gorskii, P. A. Sergeeva, T. N. Romanovich. *Vop. vet. virus.* 2:630 '66.

Cytological changes in kidney tissue cultures of swine embryos. D. V. Gorskii. *Vop. vet. virus.* 2:643-644 '66.

Determination of the effectiveness of destruction of viruses by the use of tissue cultures. M. A. Zolotarevskii. *Voen.-med. zhur.* no. 12:47-50 D '65.

Effect of deoxyribonucleic acid from a calf thymus on the cells of the kidney of a young pig and chicken embryos in tissue culture. F. V. Sushkov and others. *Vop. vet. virus.* 2:63-68 '66.

Electron microscopy of plant cells and tissues cultivated in vitro. Report No. 1: Selection of adequate fixation methods for plant tissue cultures. P. H. Sydorenko, O. M. Nedukha. *Ukr. bot. zhur.* 23 no. 3:117-119 '66.

Karyological studies of transplantable cells obtained from swine tissues. F. V. Sushkov and others. *Vop. vet. virus.* 2:80-85 '66.

Mechanism of the cytopathic effect of pertussis microbes on tissue culture. T. N. Remova, M. S. Zakharova. *Zhur. mikrobiol., epid. i immun.* 43 no. 5:69-73 My '66.

Relation of the growth of kidney tissue cultures of swine embryos to the concentration of explanted cells. M. A. Ushenina. *Vop. vet. virus.* 2:640 '66.

Synchronization of mitosis in tissue cultures. F. V. Sushkov, T. N. Nadezhkina, V. A. Sokova. *Vop. vet. virus.* 2:86-89 '66.

Three lines of transplantable cells obtained from swine tissues, their cytological characteristics and sensitivity to some viruses. D. F. Ostid and others. *Vop. vet. virus.* 2:64-70 '66.

TISSUES—PERMEABILITY

Tissue permeability to antibiotics under pathological, chiefly infectious conditions. G. I. Kivman, V. P. Iakovlev. *Antibiotiki* 11 no. 5:476-486 My '66.

TISSUES—PRESERVATION

Conditions and length of the preservation of kidney tissues of cattle. I. U. M. Shostakov, V. P. Karasev, I. F. Vashniakov. *Vop. vet. virus.* 2:641-642 '66.

Conditions and length of the preservation of kidney tissue of swine embryos. B. V. Gorskii and others. *Vop. vet. virus.* 2:645-646 '66.

Kovalenko, P. P., and V. A. Eneil'yanov. [Preservation and transplantation of cartilage; experimental clinical research] *Konservirovaniye i peresadka khroshchega; eksperimental'no-klinicheskie issledovaniya*. Moscow, Meditsina, 1966. 106 p. (Biblioteka prakticheskogo vracha) (DNLM)

TITANIUM

Material balance of titanium during the electric smelting of stainless steel. V. A. Kamardin, E. I. Kadnikov, E. I. Mosheveich. *Izv. vys. ucheb. zav.; chem. met.* 9 no. 6: 80-87 '66.

TITANIUM—ANALYSIS

Photometric determination of niobium microimpurity in titanium and titanium tetrachloride. G. I. Agnaltinskii, V. A. Nazarenko. *Zav. lab.* 32 no. 5: 510-512 '66.

TITANIUM—CORROSION

Certain characteristics of the process of titanium oxidation. D. I. Lainer and others. *Flz. met. i metalloved.* 20 no. 6:664-667 D '65.

TITANIUM ALLOYS

Conditions of hot and warm rolling of certain titanium alloys. I. M. Pavlov and others. *Trudy MEI* no. 61 pt. 1:181-193 '65.

TITANIUM ALLOYS—ANALYSIS

Use of complexon III in a rapid analysis of ferrotitanium. E. S. Brulle. *Zhur. prikl. khim.* 39 no. 5:1102-1104 My '66.

TITANIUM ALLOYS—HARDENING

Application of high-temperature thermomechanical treatment in the production of extruded tubes of the VT15 titanium alloy. S. T. Kishkin and others. *Izv. AN SSSR. Met.* no. 3:125-129 My-Je '66.

TITANIUM ALLOYS—METALLOGRAPHY

Effect of phase recrystallization on the structure and mechanical properties of single-phase titanium alloy castings. S. S. Ushkov. *Flz. met. i metalloved.* 20 no. 6:668-674 D '65.

TITANIUM CHLORIDES

Effect of lower titanium chlorides on the electrode potentials of some metals in fused salts. N. I. Anufrieva. *Elektrokhemija* 2 no. 5:729-731 Je '66.

TITANIUM CRYSTALS—GROWTH

Kinetics of TiIV thermal hydrolysis and growth of TiO₂ particles. I. U. D. Dolmatov, I. I. A. Bolyanenko, A. I. Sheinkman. *Zhur. V KHO* 11 no. 3:351-352 '66.

TITANIUM ELECTRODES see Electrodes, Titanium

TITANIUM-NIOBIUM-CHROMIUM ALLOYS—ELECTRIC PROPERTIES

Electric resistance and heat expansion of alloys in the system Ti - Nb - Cr. I. I. Kornilov, K. I. Shakhova, P. B. Budberg. *Izv. AN SSSR. Met.* no. 3:172-178 My-Je '66.

TITANIUM NITRIDES

Enthalpy of formation of titanium nitrides as related to their composition. M. P. Morozova, M. M. Khernburg. *Zhur. fiz. khim.* 40 no. 5:1125-1126 My '66.

TITANIUM OXIDES

Spectral manifestations of electron transfer between adsorbed molecules and the titanium dioxide surface. I. U. D. Pimenov, V. E. Kholmogorov. *Vest. LGU* 21 no. 10:21-25 '66.

Study of oxygen adsorption on titanium dioxide by means of electron paramagnetic resonance. Li Tun-shin [Li Tung-hsing]. *Vest. LGU* 21 no. 10:45-50 '66.

TITANIUM SALTS

Equilibrium constant of the reaction 2Ti(III) fused + Ti solid \rightleftharpoons 3Ti(II) fused and the thermodynamics of titanium di- and trichloride formation in fused alkali metal chlorides. B. G. Rossekhin, M. V. Smirnov, N. A. Logunov. *Trudy Inst. elektrokhim. UFAN SSSR* no. 7:17-19 '65.

Kinetics of TiIV thermal hydrolysis and growth of TiO₂ particles. I. U. D. Dolmatov, I. I. A. Bolyanenko, A. I. Sheinkman. *Zhur. V KHO* 11 no. 3:351-352 '66.

TITRATION

Rapid method of sulfate determination in cryolite. L. K. Ponomareva, A. T. Goucharenko. [Trudy] *UNIGIM* no. 11:54-58 '64.

Rapid titrimetric method of determining a sulfate ion in phosphoric acid with the indicator nitrochromazo. N. N. Basargin, N. A. Nikitina. *Zav. lab.* 32 no. 5: 517-519 '66.

TOBACCO

Tobacco. D. Chakvetadze. *Zakup. sel'khoz. prod.* no. 5: 23-25 My '66.

TOBACCO PROCESSING MACHINERY

Coefficient of friction of tobacco. V. S. Fashkov, A. S. Tsvintarnyi. *Izv. vys. ucheb. zav.; pishch. tekhn.* no. 3: 131-133 '66.

TOKYO—VIEWS

Tokyo. Az. i Afr. seg. 9 no. 6:32-33 Je '66.

TOLSTOI, ALEKSEI NIKOLAEVICH, 1892-1945

Osklanski, I. M. [A noisy god-forsaken place; from the life of two writers] *Shumnoe zakhoiust'e; iz zhizni dvukh pisatelei*. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1965. 233 p.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Androev, I. M. [The excommunication of Leo Tolstoy by the Orthodox Church] *Otkhachenie L'va Tolstogo ot Pravoslavlno Tserkvi*. Jordanville, N.Y., Russian Orthodox Monastery, 1961. 15 p. (NIC)

Feln, G. N. [L. N. Tolstoy's novel "War and peace"; an integral analysis. From a teacher's work experience] *Roman L. N. Tolstogo "Volna i mir"; istochnyi analiz. Iz opyta raboty uchitelia*. Moskva, Prosveshchenie, 1966. 273 p.

[Yanaya Polynna collection; articles, materials, and publications] *IAsenopolianski sbornik, stat'i, materialy, publikatsii*. Yuta, Priokskoe knizhnoe izd-vo, [No. 5] 1965. 225 p.

TOLUENE

Condensation of chlorobenzene and o-chlorotoluene with allyl alcohol. N.I. Shulkin, N.A. Pozdniak, T.P. Dobrylnina. Izv. AN SSSR. Ser. Khim. no. 6:1100-1102 '66.

Interaction of α -alkyl-4-hydroxy-3,5-di-tert-butylbenzyl halides with some nucleophilic agents. A.A. Volod'kin and others. Izv. AN SSSR. Ser. Khim. no. 6:1081-1083 '66.

Liquid-phase oxidation of ethyltoluene to hydroperoxide, and some ways of its utilization. A.V. Riazanova and others. Neftekhimiya 6 no. 2:227-234 Mr-Apr '66.

TOLUENE—PHYSIOLOGICAL EFFECT

Effect of accessory nonspecific irritations on the induction of tumors. G.E. Georgadze, N.V. Dzhibladze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:79-85 '59.

TOMATOES—ANALYSIS

Dry substances content of tomatoes designated for industrial processing. B.M. Vladimirov. Izv. vyz. ucheb. zav.; pishch. tekhn. no. 3:18-20 '66.

TOMATOES—FERTILIZERS AND MANURES see sub-division under Moscow Province

TOMSK—HISTORICAL RESEARCH

Scholarly studies of the historians of V.V. Kuibyshev University in Tomsk. V.A. Gavrilichev. Vop. ist. 41 no. 7:139-143 Ji '66.

TONSILS—DISEASES

Treatment of patients with chronic tonsillitis and chronic nonspecific diseases of the respiratory organs on the south coast of the Crimea. L.L. Vigura. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:132-135 Mr-Apr '65.

TOOL STEEL

Industrial use of P12 steel. M.N. Fadlushina, E.I. Ma'inkina. Stal. i instr. 37 no. 6:30-31 Je '66.

TOOL STEEL—HEAT TREATMENT

Magnetic quality control of the hardening and quenching of high-speed steels. I.K. Kupalova. Fiz. met. i metalloved. 18 no. 1:39-46 Ji '64.

TOOLS

Trusov, A.A. [Hard-alloy tools; a handbook] Tverdosplavnyy instrument; spravochnik. Moskva, Mashinostroenie, 1966. 273 p.

TOPCHIKHA (ALTAI TERRITORY)—GRAIN—STORAGE

We are getting ready to receive the grain of the new harvest. S. Bondarenko. Zakup. sel'khoz. prod. no. 5: 33-34 My '66.

TOPOLOGY

Topology of functional spaces. S.I. Al'ber. Dokl. AN SSSR 168 no. 5:727-730 Je '61.

TORYMIDAE see sub-division under Kirghizistan

TOUCH

Localization of the tactile-kinesthetic analyzer in rats. Dang Thu. Zhur. vyz. nerv. delat. 16 no. 3:552-553 My-Je '66.

TOURISM

(see also sub-division under Pechora Valley)

Kolesov, A.N., comp. [Manual for army tourists] Spravochnik armyskogo turista. Moskva, Voenizdat, 1966. 231 p. (Tourist USSR)

[Tourist routes for 1966] Turistskie marshruty na 1966 god. [Moskva] Profizdat, 1966. 174 p. illus.

Vasil'ev, I.V. [Aid for a tourist instructor] V pomoshch' instruktoru turizma. [Moskva] Profizdat, 1966. 150 p.

A well-attended meeting of the students of local history. I. Rastorguev. Nar. obr. no. 6:125-126 Je '66.

TOURISM—CONGRESSES

International Conference on Problems in the Geography of Tourism Abroad held in Dresden. G.I. Akob. Izv. Vses. geog. ob-va 98 no. 3:283-284 My-Je '66.

TOURMALINE

Spectral method of boron determination in tourmaline V.I. Zubliako, T.I. Kardonen. [Trudy] UNIKHIM no. 11:91-92 '64.

TOWING

Prevent the breakage of wire ropes during navigation on reservoirs. G. Brodetskiy. Rech. transp. 23 no. 4:39-40 Ap '64.

TOXEMIA

Thanatogenesis in acute intestinal obstruction. G.P. Buzhidze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:221-230 '59.

TOXICOLOGY

Effect of aggressive liquids on the upper respiratory tract. D.M. Skudnev. Voen.-med. zhur. no. 12:69-70 D '66.

TOXICOLOGY—ABSTRACTS

[Pharmacology. Chemotherapeutics. Toxicology] Ref. zhur.; Farm. Khimioterap. sred. Toks. Avtorskii ukazatel' za 1965 g.

TOXINS AND ANTITOXINS

Antigen composition of preparations of purified erythrotoxic toxin. I.S. Kazdolina, V.V. Akinova, V.A. Barshstein. Zhur. mikrobiol., epid. i immun. 43 no. 5: 111-116 My '66.

TOXOPLASMOSIS

Cyrtographic picture of toxoplasmosis. I.S. Manna-nov. Zhur. nevro. i psikh. 66 no. 7:1076-1080 '66.

Some data on the effect of toxoplasmosis invasion into the placenta. Kh.M. Medzhidova-Mamedova. Azerb. med. zhur. 43 no. 4:33-37 Ap '66.

[Toxoplasmosis; its epidemiology, clinical aspects, treatment and prevention] Toksoplazmoz; epidemiologiya, klinika, terapiya i profilaktika. [By] L.K. Korovitskiy i dr. 2., perer. i dop. izd. Kiev, Zdorov'ia, 1966. 267 p. (Biblioteka prakticheskogo vracha) (DNLM)

TRACE ELEMENTS

(see also sub-division under Russian Platform; Siberian Platform; Sivash region, Ukraine; Soviet Central Asia)

Conference on trace elements and the natural radioactivity of soils. E.V. Tonkonozhenko. Khim. v sel'khoz. 4 no. 2:79-80 F '66.

TRACE ELEMENTS—EFFECT ON PLANTS see Plants, Effect of trace elements on

TRACE ELEMENTS—PHYSIOLOGICAL EFFECT

Effect of cobalt and manganese on the phosphorus content of serum, urine and milk in disorders of phosphorus and calcium metabolism in cattle. A.A. Kabysh. Trudy TVI 92:65-171 '65.

Effect of feeding microelements on the productivity of replacement sows. V.I. Voronova. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:82-85 '65.

Effect of microelements and vitamins of the B group on the growth and development of suckling pigs. V.V. Cherepanova. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:21-29 '65.

TRACERS (BIOLOGY)

Purification of the foot-and-mouth disease virus tagged with the radioisotopes P³² and S³⁵. I.A. Chistinkov and others. Vop. vet. virus. 2:31-37 '66.

TRACHEA—INTUBATION

Changes in the cardiogram during tracheal intubation in patients with mitral stenosis. N.G. Tsybanova, V.A. Chibunovskiy. Trudy Kazakh. inst. klin. i eksp. khir. AN SSSR 11:37-39 '65.

TRACTOR INDUSTRY

Tractor and agricultural industry on the new rise. Trakt. i sel'khoz. mash. no. 6:1-2 Je '66.

TRACTOR INDUSTRY—EQUIPMENT AND SUPPLIES see sub-division under Chelyabinsk; Volgograd

TRACTOR INDUSTRY—MANAGEMENT see sub-division under Minsk

TRACTOR INDUSTRY—STANDARDS see sub-division under Minsk

TRACTOR TRAINS

Driving a tractor train with long semitrailers on curved roads. B. Kulik. Avt. transp. 44 no. 6:15-16 Je '66.

TRACTORS

Effect of angular deviation of the guiding wheels on the controllability of a tractor. M.S. Krinko. Trakt. i sel'khoz. mash. no. 6:26-27 Je '66.

Make changes in the guide to the operation of the "Belarus" tractor. A. Babenko. Tekh. v sel'khoz. 25 no. 3:80 Mr '65.

"Rioni" tractors in school plots. E. Lesin. Nar. obr. no. 7:59-62 Ji '66.

K-700 tractor. M. Penkin. Tekh. v sel'khoz. 25 no. 3: 42-40 Mr '65.

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery and equipment] Ref. zhur.; Trakt. i sel'khoz. mash. i orud. no. 5 My '66.

TRACTORS—DESIGN AND CONSTRUCTION

Antlovich, V.A., and IU. T. Vodotazhenko. [Design and calculations of farm tractors; a manual] Konstrukirovanie i raschet sel'skokhoziaistvennykh traktorov; spravochnoe posobie. Pod red. B.P. Kashuba. Moskva, Mashinostroenie, 1966. 520 p.

TRACTORS—DYNAMICS

Tossing of a wheel over a deforming surface with a side deviation. V.E. Krasnitskiy. Trakt. i sel'khoz. mash. no. 6:21-23 Je '66.

TRACTORS—ENGINES

Cases for parts of engines being repaired V. Tkachova. Tekh. v sel'khoz. 26 no. 5:81-82 My '66.

Effect of counterweights on the wear resistance of crankshafts of the DT-54 tractor engine. M.M. Beyezovskiy. Trudy Tadzh. sel'khoz. inst. 7:77-85 '65.

Hopping-up the D-54A engine. Z. Eimbeil'it. Tekh. v sel'khoz. 25 no. 3:54-56 Mr '65.

TRACTORS—EXHIBITIONS

Tractors. M.D. Startikov, V.N. Frankov. Trakt. i sel'khoz. mash. no. 6:3-5 Je '66.

TRACTORS—HYDRAULIC EQUIPMENT

Regulating the distribution of tractor hydraulic systems. I. Popov. Tekh. v sel'khoz. 25 no. 3:67-69 Mr '65.

TRACTORS—LUBRICATION

Device for washing the lubrication systems of tractor engines. V. Bova. Tekh. v sel'khoz. 25 no. 3:60-61 Mr '65.

Improving the lubrication of a tractor transmission. V.S. Obruchev. Trudy Tadzh. sel'khoz. inst. 7:71-73 '65.

Unit for a centralized lubrication of the DT-54 tractor engine. V.S. Obruchev. Trudy Tadzh. sel'khoz. inst. 7:74-76 '65.

TRACTORS—MAINTENANCE AND REPAIR

(see also sub-division under Auce, Latvia; Pakay Province)

Perovo. Gosudarstvennyi vnesoluznyi nauchno-issledovatel'skiy tekhnologicheskii institut remonta i ekspluatatsii mashinno-traktorogo parka. [Album of technological charts for the repair of DT-20 and DT-14H tractor parts] Al'bom tekhnologicheskikh kart na remont detalей traktorov DT-20 i DT-14H. Moskva, Kolos, 1966. 277 p. (Tipovaya tekhnologiya remonta traktorov)

Perovo. Gosudarstvennyi vnesoluznyi nauchno-issledovatel'skiy tekhnologicheskii institut remonta i ekspluatatsii mashinno-traktorogo parka. [Album of technological charts for the repair of MTZ-51 and MTZ-5M tractor parts] Al'bom tekhnologicheskikh kart na remont detalей traktorov MTZ-51 i MTZ-5M. Moskva, 1966. 109 p. (Tipovaya tekhnologiya remonta traktorov)

Perovo. Gosudarstvennyi vnesoluznyi nauchno-issledovatel'skiy tekhnologicheskii institut remonta i ekspluatatsii mashinno-traktorogo parka. [Album of technological charts for the repair of S-80 and S-100 tractor parts] Al'bom tekhnologicheskikh kart na remont detalей traktorov S-80 i S-100. Moskva, Kolos, 1966. 274 p. (Tipovaya tekhnologiya remonta traktorov)

Repairing tractor parts by the use of epoxy resin. M. Krichkevskiy. Tekh. v sel'khoz. 25 no. 3:69-71 Mr '65.

Restoring a rear axle. D. Zinatlullin. Tekh. v sel'khoz. 25 no. 3:87 Mr '65.

TRACTORS—SAFETY MEASURES see sub-division under White Russia

TRACTORS—TIRES

Evaluating the efficiency of tractor pneumatic tires with different wear of tread design. A.S. Gal'perin, I.D. Revitskiy. Trakt. i sel'khoz. mash. no. 6:27-30 Je '66.

TRACTORS—TRAILERS

Practices in using tractor trailers on a collective farm. V. Shaikovskiy, V. Vrublevskiy. Tekh. v sel'khoz. 26 no. 5:72-74 My '66.

Studying the fatigue strength of tractor trailers. S.S. Dmitriyenko and others. Trakt. i sel'khoz. mash. no. 6: 15-19 Je '66.

TRACTORS—TRANSMISSION DEVICES

Selecting the design and technology in the manufacture of conical cogwheels with zero angle of helix for tractor transmissions. A.G. Skundin. Trakt. i sel'khoz. mash. no. 6:24-26 Je '66.

Studying operating conditions of the power transmission of the TDT-60 tractor in lumber skidding. Sh. M. Gekbman, IU. L. Kovalev. Izv. vyz. ucheb. zav.; Ion. khir. 8 no. 2:73-77 '66.

TRACTORS—VIBRATION

Vibration of a wheeled tractor coupled with mounted equipment. A.A. Goloborod'ko, A.I. Burkovskiy. Trakt. i sel'khoz. mash. no. 6:18-20 Je '66.

TRADE UNIONS

(see also sub-division under Africa; Algeria; Azerbaijan; Hungary; Italy; Kilsman District; Lokhvitsa District; Moldavia; Novorossiysk; Novosibirsk Province; South Africa, Republic of; Spain; Ukraine; United States)

According to the law of the working man's honor. V. Malkov. Sov. profsoyuzy 22 no. 12:29-23 Je '66.

Cold war, polemic or dialogue. Louis Sallant. Vsem. prof. dvizh. no. 3:1-2 My '66.

Concern for the welfare of the people an important task of trade unions. K. Gushakov. Sov. profsoyuzy 22 no. 13:3-5 Ji '66.

[Decisions of the All-Union Central Council of Trade Unions] Sbor. post. VTSSPS Ji-S '65.

TRADE UNIONS (Continued)

- [For rural trade-union activist workers about business accounting] Sel'skomu profakтиву o khozinstvennom raschete. [Moskva] Profizdat, 1964. 36 p. (Biblioteka sel'skogo profslozhnogo aktivista, no. 6 (30))
- Friendship knows no bounds. I. Kushkova. Zhil.-kom. khoz. 14 no. 5:10-11 My '64.
- Guarding discipline and order. Sov. profslozuy 22 no. 12:18-19 Je '66.
- High duty of rural trade unions. I. Shkuratov. Sov. profslozuy 22 no. 12:1-3 Je '66.
- Joint committee of the World Federation Trade Unions and the General Council of Japanese Trade Unions. Vses. prof. dvizh. no. 3:36 My '66.
- Leonov, I. E. [Participation of the trade-union committee in planning for agricultural production] Uchastvie profslozhnogo komiteta v planirovani sel'skokhoziaistvennogo proizvodstva. [Moskva] Profizdat, 1965. 77 p. (Biblioteka sel'skogo profslozhnogo aktivista, no. 4 (28))
- Let us realize the decisions of the party congress. Sov. profslozuy 22 no. 10:1-3 My '66.
- Nikulin, M. L. [The workers committee as an organizer of socialist competition] Rabochii komitet—organizator sotsialisticheskogo sorevnovaniia. [Moskva] Profizdat, 1964. 37 p. (Biblioteka sel'skogo profslozhnogo aktivista, no. 8 (32))
- "Nonunion" workers. G. Shcheglov. Sov. profslozuy 22 no. 13:30-31 Ji '66.
- Participation of Soviet trade unions in the struggle of the Communist Party against the Trotskyists in 1926 and 1927. IU. V. Voskresenskii, D. T. Subbotin. Vop. ist. KPSS 19 no. 7:113-119 Ji '66.
- Party bureaus and the trade-union committees of industrial enterprises. M. Melkonian. Part. zhizn' no. 15: 50-54 Apr '66.
- Reach everybody. A. Temnokhud. Sov. profslozuy 22 no. 13:27 Ji '66.
- Recorded and checked. V. Moiseev. Sov. profslozuy 22 no. 11:8-10 Je '66.
- Ships are going out to sea. A. Kotliar. Sov. profslozuy 22 no. 13:21-22 Ji '66.
- Shoulder to shoulder. S. Kolobov. Sov. profslozuy 22 no. 13:37 Ji '66.
- Strengthening the party guidance of trade unions in the early phase of industrialization. G. S. Es'kov. Vop. ist. KPSS 10 no. 7:56-68 Ji '66.
- Timonov, N. A. [Labor discipline in a collective] Trudovaya disiplina v kollektive. [Moskva] Profizdat, 1966. 44 p. (Biblioteka profslozhnogo aktivista, no. 7 (127))
- Work and needs of a "forest workshop." IA. Karpov. Sov. profslozuy 22 no. 13:13-15 Ji '66.
- Your rights and your duties. Sov. profslozuy 22 no. 11: 18-19 Je '66.

TRADE UNIONS—OFFICERS see subdivision under Pansio District

TRADEMARKS

- [Inventions, industrial samples, trademarks] Izobr., prom. obraz., tov. znak. 43 nos. 10-11 '66.

TRADITION (COMMUNISM) see subdivision under White Russia

TRAFFIC ACCIDENTS

- Investigative experiments in the examination of traffic accidents. M. Romanov. Rad. pravo 29 no. 5:32-37 My '66.

TRAFFIC REGULATIONS

- Through whose fault? P. Kirenenkov. Sov. profslozuy 22 no. 11:34-35 Je '66.

TRAFFIC SAFETY

- Operating a motor vehicle with a single-axle trailer and traffic safety. V. Korolev. Avi. transp. 44 no. 6:49-50 Je '66.
- Our experience in preventing traffic accidents. I. Aliev. Avi. transp. 44 no. 6:50-51 Je '66.
- Our practice in preventing traffic accidents. V. Ginezdilov, I. Kulikov. Avi. transp. 44 no. 5:41-43 My '66.
- Safety education of drivers. T. Aleksandrova. Avi. transp. 44 no. 6:49 Je '66.
- Seminar on traffic safety. Avi. transp. 44 no. 5:56 My '66.

TRAFFIC SAFETY—LAWS AND LEGISLATION

- Revision of the laws on liability for violations of traffic safety rules. F. S. Razarenov. Uch. zap. VNISZ no. 5: 72-77 '65.

TRAFFIC VIOLATIONS

- Kichigina, E. V. [Liability for the violation of traffic safety in city transportation] Otvetsvennost' za narusheniye bezopasnosti dvizheniia gorodskogo transporta. Moskva, Iuridicheskaya literatura, 1966. 123 p.

TRAINING OF TEACHERS see Teachers, Training of

TRACTORIES

- Model of an automaton for selecting the coefficients of a tracking system. J. Olazewski. Kibernetika no. 2:26-33 Mr-Apr '66.

- Statistically optimal pulse correction in space flight. I. A. Boguslavskii. Kibernetika no. 1:52-64 Ja-F '66.

TRANQUILIZING DRUGS

- Results of the use of tranquilizers in the treatment of stammering in children. V. A. Ribik. Zhur. nevro. i psikh. 66 no. 7:1089-1090 '66.

TRANS-ILI ALATAU—FLOOD FORECASTING

- Determining the levels for the setting of transmitters of flash flood radio warning devices. I. V. Bogolubova. Trudy GGI no. 132:126-138 '66.

TRANS-ILI ALATAU—FORAGE PLANTS

- Some methods of cultivation practices in growing stubble crops for feed and green manuring. R. M. Ernekova. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6:102-104 Je '66.

TRANS-ILI ALATAU—GREEN MANURING

- Some methods of cultivation practices in growing stubble crops for feed and green manuring. R. M. Ernekova. Vest. sel'khoz. nauki [Kazakh.] 9 no. 6:102-104 Je '66.

TRANS-ILI ALATAU—SOIL TEMPERATURE

- Some characteristics of the temperature conditions of soil according to data of the expedition to the Trans-Il Alatau. N. G. Goryshina. Trudy GGO no. 190:58-64 '66.

TRANSBAIKALIA—GALLIUM

- Distribution of gallium in the Paleozoic granitoids of the Dzhalda region (western Transbaikalia). Z. I. Petrova, L. V. Kusakina. Geokhimiia no. 10:1261-1264 O '65.

TRANSBAIKALIA—MINERALS

- Characteristics of dark-colored minerals from metabasites and some ultrametamorphic rocks. R. IA. Bielevtsev. Geol. zhur. 26 no. 2:43-57 '66.

TRANSBAIKALIA—PEASANTRY

- History of the colonization of Transbaikalia by Russian peasants from the 18th to the early 19th century. E. M. Zakladin. Trudy BKNII no. 10:73-83 '62.

TRANSBAIKALIA—PYRITES

- New pyrite province in western Transbaikalia. V. S. Kormilitshyn. Dokl. AN SSSR 168 no. 4:878-881 Je '66.

TRANSBAIKALIA—ROCKS, CRYSTALLINE AND METAMORPHIC

- Characteristics of dark-colored minerals from metabasites and some ultrametamorphic rocks. R. IA. Bielevtsev. Geol. zhur. 26 no. 2:43-57 '66.

TRANSBAIKALIA—SHEEP BREEDING

- Ways for increasing the wool yields of sheep in Transbaikalia. N. G. Lopatin. Trudy Mosk. vet. akad. 14:109-204 '66.

TRANSCARPATIA—POTATO BEETLE—MICRO-BIOLOGY

- Study of the microflora of the larvae of the Colorado beetle Leptinotarsa decemlineata Say (Coleoptera, Chrysomelidae). V. P. Pristavko. Ent. obozr. 45 no. 2:302-318 '65.

TRANSCARPATIA—UKRAINIANS

- Uzhgorod. Zakarpats'ka derzhavna oblastna biblioteka dlia doroslykh. [Writers of Soviet Transcarpathia; a short index to the literature] Pys'monnyky Radian's'koho Zakarpattia; korotkyi pokazhyk literatury. Vyd. 2. Uzhgorod, Zakarpats'ke obl. vyd.-vo, 1960. 69 p.

(MI)

TRANSCARPATIA—VITICULTURE

- Prospects for the development of viticulture in Transcarpathia. O. M. Gutsuliak. Ekon. geog. no. 2:130-137 '64.

TRANSCAUCASIA—PRECIPITATION (METEOROLOGY)

- Statistical method of forecasting the monthly amount of precipitation for Transcaucasia. D. I. Vachnadze. Trudy TSIP no. 153:41-46 '66.

TRANSDUCERS

- Atsiukovskii, V. A. [Capacitive displacement transducers] Emkostnye preobrazovatel' poremescheniia. Moskva, Energiia, 1966. 277 p.
- Choice of optimal parameters of an acoustic system with an echo locating level transducer. V. A. Markelov. Avtomatika 10 [i.e. 11] no. 3:81-93 '66.
- Design and investigation of the rod-type magnetoelastic transducer for frequency systems of teledynamometry. F. I. Mamedov. Za tekhn. prog. 4 no. 11:3-5 N '64.
- Measuring converter with galvanic separation of input and output. V. IU. Vorobkevich, M. A. Rakov. Avtomatika 10 [i.e. 11] no. 3:72-77 '66.
- Semilautomatic tray for calibrating transducers of low speeds of a water flow. K. Kh. Ovseplian, R. E. Adamian. Izv. AN Arm. SSR. Ser. tekhn. nauk 19 no. 2:35-39 '66.
- Transducers of inductance and magnetization of magnetically hard materials. V. V. Martynov. Izv. vys. ucheb. zav. elektromekh. 9 no. 8:549-552 '66.

TRANSFORMATIONS (MATHEMATICS)

- Integral transformations in a class of p-analytic functions with the characteristic $p = x^h$. N. O. Pakharieva, N. O. Virchenko. Dop. AN URSS no. 5:588-592 '66.

TRANSISTOR AMPLIFIERS

- In foreign countries. Radio no. 5:50-61 My '66.
- Popov, P. A. [Translator as a four-terminal network] Transistor kak chetyrekhpolusnik. Moskva, Energiia, 1966. 39 p. (Massovaya radiobiblioteka, no. 597 p.)
- Possibility for constructing chain-type frequency doublers with tunnel diodes without intermediate amplifiers. IU. L. Simonov, A. I. Fainer. Radiotekh. i elektron. 11 no. 7:1345-1346 Ji '66.
- Problems of stability of the individual amplifier stages and multiple-stage amplifiers using transistors. K. G. Skachko. Izv. vys. ucheb. zav. i energ. 9 no. 5:33-39 My '69.

TRANSISTOR CIRCUITS

- Effect of the mode of operation and the form of the voltampere characteristic of a tunnel diode on the noise factor of a mixer. V. V. Kukushkin, V. G. Shinkarenko. Radiotekh. i elektron. 11 no. 7:1337-1340 Ji '66.
- Frequency dependence of the noise factor of a tunnel diode mixer. V. G. Shinkarenko. Radiotekh. i elektron. 11 no. 7:1340-1342 Ji '66.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTORS

- Approximation of the output characteristics of a transistor in saturation mode. IU. E. Naumov, N. N. Shuklin. Radiotekh. i elektron. 11 no. 7:1342-1344 Ji '66.

TRANSISTORS—WELDING

- Pressure microwelding in the manufacture of semiconductor devices. K. K. Krienov, V. D. Tabelev, A. A. Rossushinskii. Dop. AN URSS no. 5:615-618 '60.

TRANSITION METAL COMPOUNDS

- Reaction of nitrogen with systems based on phosphine complexes of transition metals. M. E. Vol'pin, N. K. Chuprovskaya, V. B. Shur. Izv. AN SSSR. Ser. khim. no. 8:1083-1084 '66.
- Ternary compounds with a $TiMn_{12}$ superstructure in the system yttrium - transition metal - aluminum. O. S. Zarechniuk. Dop. AN URSS no. 6:767-769 '66.

TRANSITION METALS

- Kishinev. Politehnicheskii Institut. [Side subgroup elements; transition elements. A methodological manual for students in "General and inorganic chemistry." Elementy pobochnykh podgrup; perekhodnye elementy. Uchebno-metodicheskoe posobie dlia studentov, izuchaiushchikh kurs "Obshchii i neorganicheskii khimii." Kishinev, 1965. 26 p.]

TRANSLATORS

- Kalashnikova, N. IA. [Guarantees of the rights of the witness, expert witness, interpreter and official witness in Soviet criminal procedure] Garantii prav svidetelia, eksperta, perovodchika i pontatogo v sovetskoi ugolovnoi protsessie. [Moskva] Izd.-vo Mosk. univ., 1966. 38 p.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

- Changes in the blood system in tissue therapy. N. V. Dzhibladze. Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 3:357-365 '60.

TRANSPORT THEORY

- Characteristics equation of the theory of radiation transfer. M. V. Maslennikov. Dokl. AN SSSR 168 no. 4: 747-750 Je '66.

TRANSPORTATION

- (see also subdivision under Chernigov Province; Communist countries; Europe, Eastern)
- Expansion of the transportation network of the Soviet Union. E. F. Kozhevnikov. Nov. vrem. 24 no. 26: 15-17 Je '66.

TRANSPORTATION—ABSTRACTS

- [Container shipments and the interaction of various types of transportation] Ref. zhur.: Vzaimeotn. raz. vld. transp. i kont. perv. no. 5 My '66.
- [Industrial transportation] Ref. zhur.: Prom. transp. no. 6 Je '66. Predmetnyi ukazatel' za 1965 g.

TRANSPORTATION—LAWS AND REGULATIONS

- Legal regulation of the dispatch of goods in the U.S.S.R. and ways to improve it. V. Kobliakov, V. Zhukov. Rad. pravo 29 no. 5:41-44 My '66.

TRANSPORTATION—MATHEMATICAL MODELS

- Solution of multinetwork transportation problems. IU. M. Iermol'iev, N. I. Rosina. Dop. AN URSS no. 5: 685-688 '66.

TRANSPORTATION—RESEARCH

- Basic scientific problems in transportation development. A. P. Petrov. Vest. TSNI MPS 25 no. 3:8-11 '66.
- The 23d Congress of the CPSU and tasks of transportation science. Vest. TSNI MPS 25 no. 3:3-5 '66.

TRANSPORTATION—SCHEDULING

Mathematical methods for planning mixed water and highway transportation. A. Palkin, M. Zlotnikov. *Avi. transp.* 44 no.8:35-36 Je '66.

TRANSPORTATION—STATISTICS

The years of great achievements; industry, construction, transportation. *Agitator* no.8:10-19 Ap '64.

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Armenia)

About what are the numbers talking? IU. Arkhangel'ski. *Avi. transp.* 44 no.5:4-5 Je '66.

Information. *Avi. transp.* 44 no.6:56 Je '66.

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS

[Automotive and city transportation] Ref. zhur.: *Avi. i gor. transp.* no.6 Je '66.

TRANSPORTATION, AUTOMOTIVE—COSTS

Analyzing the profitability of an automotive transportation unit. Z. Aksanova. *Avi. transp.* 44 no.5:12-15 My '66.

TRANSPORTATION, AUTOMOTIVE—FINANCE

Technical progress and the State Bank credit. G. Rudakov. *Avi. transp.* 44 no.6:30-37 Je '66.

TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

(see also subdivision under Donetsk Basin; Moscow; White Russia)

Automotive transportation unit and a self-supporting central dispatcher service. B. Vasil'ev. *Avi. transp.* 44 no.5:19-20 My '66.

Chertok, E. A., and E. A. Tselykovskaya. [The new methods of planning in enterprises of automobile transport and the clothing industry] *Novye metody planirovaniia na predpriatiakh avtomobil'nogo transporta i shveinoi promyshlennosti.* [Moskva, Ekonomika, 1966] 19 p. (Ekon. i prom. zhurn. i dokl. gosstat. kom. SSSR, no.9)

Contract relations between automotive transportation units, patrons, and the central dispatcher service. V. Bulanov. *Avi. transp.* 44 no.5:17-19 My '66.

Improve the use of basic production funds. A. Shul'man. *Avi. transp.* 44 no.5:9-11 My '66.

Seminar of the managers of automotive transportation enterprises. A. Lishin. *Avi. transp.* 44 no.5:54-55 My '66.

Using a traffic table for reducing idle runs in interurban freight haulage. V. Kizub. *Avi. transp.* 44 no.6:11-12 Je '66.

TRANSPORTATION, AUTOMOTIVE—RATES

Regulate the rates for freight haulage in special-purpose motor trucks. S. Rogachevskii. *Avi. transp.* 44 no.6:33-34 Je '66.

TRANSPORTATION, AUTOMOTIVE—TECHNOLOGICAL INNOVATIONS

Creative activity of innovators. M. Kabanov. *Avi. transp.* 44 no.6:8 Je '66.

TRAUMATISM

Rare case of contusion. E. P. Kokhan, V. S. Feil'sov. *Voen.-med. zhur.* no.5:70 My '66.

Some problems of the methodology of the study of traumatism on ships. A. A. Shmarov. *Voen.-med. zhur.* no.12:59-61 D '65.

Treatment of patients with posttraumatic synovitis. V. Kh. Shereshevskii, A. M. Zeigerman. *Voen.-med. zhur.* no.12:58-18 D '65.

TRAVELING-WAVE TUBES

Approximation analysis of the nonlinear equations of a traveling-wave tube taking into account relativistic effects. N. M. Sovetov, E. N. Shubina. *Radiotekh. i elektron.* 11 no.7:1266-1274 Ji '66.

Beginning of the mutual overlap of bands covered by lasers and traveling-wave tube. M. B. Golant and others. *Radiotekh. i elektron.* 11 no.7:1321-1322 Ji '66.

Linear spiration with M-type projector. K. G. Naldov-Zhelezov, A. L. Platonova. 11 no.7:1322-1324 Ji '66.

TRAVELING LIBRARIES see Libraries, Traveling

TRAWLS AND TRAWLING

Methods of determining the optimum speed of bottom trawling. M. M. Rozenshtein. *Ryb. khoz.* 42 no.5:24-27 '66.

More effective use of fixed assets of the trawling fleet of the Northern basin. B. N. Akimov. *Ryb. khoz.* 42 no.5:73-74 '66.

TRAWLS AND TRAWLING—EQUIPMENT AND SUPPLIES

Rope measurements. E. A. Lebedev. *Ryb. khoz.* 42 no.5:35-37 '66.

TREES see subdivision under Kiev Province

TREES—DISEASES AND PESTS see subdivision under Moscow

TREES—PHYSIOLOGY

Time of bud setting and formation in some trees. M. A. Efimova. *Uch. zap. Ped. inst. Gork.* 310 224-237 '66.

TREMATODA

Fasciolosis and microcoelium lanceatum Skiles et M. P. Sirotenko. *Izv. Otd. biol. nauk. AN Tadzh. SSR* no.1:97-103 '66.

TREMATODA—HOST ANIMALS

Secondary host of *Microcoelium lanceatum* Skiles et Hassel 1896 in southeastern Kazakhstan. D. K. Karaev, I. S. De ment'ev. *Vest. sel'khoz. nauki [Kazakh.]* 9 no.5:44-46 My '66.

TREMOLITE

Mn²⁺ electron paramagnetic resonance in tremolite. L. V. Bershov, A. S. Marfuntin, R. M. Mineeva. *Geokhimiia* no.4:464-466 Ap '66.

TRENCHING MACHINERY

Rotary cutter for trenching drainage canals. Z. Mamnaev. *Tekhn. v sel'khoz.* 25 no.3:35-37 Mr '66.

TRENEV, KONSTANTIN ANDREEVICH, 1878-1945

K. A. Trenev as teacher. B. Perzke. *Nar. obr.* no.6:96-97 Je '66.

TRIAZENE

Triazene chelates. Part I: Synthesis and properties of mercury arylidiazocammines. A. P. Terent'ev, T. V. Ershova, E. G. Rukhadze. *Zhur. ob. khim.* 36 no.6:1046-1051 Je '66.

TRIAZINE

Effect of herbicides and some physiological and biochemical indices of corn plants. T. A. Balda, Zh. L. Lukpanov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no.5:97 My '66.

Sinazine and atrazine as a reliable means for weed control in cornfields. A. F. Mitatkin. *Izv. Kult. SKH* 17:150-153 '65.

Ternary system m-dinitrobenzene - 2,4,6-trinitro-m-xylene - hexogen. O. F. Bogush. *Izv. AN SSSR. Ser. khim.* no.6:1086-1087 '66.

TRIAZINE—THERAPEUTIC USE

Results of clinical study of benzodet and oxetybenzodet. B. A. Kosarev. *Vop. onk.* 12 no.6:51-56 '66.

TRIBES AND TRIBAL SYSTEM see subdivision under Kirghizistan

TRIETHYLAMINE

Action of triethylamine on hexafluoroisobutyric acid fluoride. I. L. Kunitsina, I. A. Cheburkov, M. D. Borgomova. *Izv. AN SSSR. Ser. khim.* no.6:1048-1057 '66.

TRIMETHYLAMINE

Reaction of atomic hydrogen with dimethyl and trimethylamines. K. T. Oganesian, A. M. Nalbandian. *Arm. khim. zhur.* 19 no.2:150-158 '66.

TRIODES

Volt-ampere characteristics, transconductance, and internal resistance of film-type dielectric analogue triodes. I. U. S. Rishinkin. *Zhur. tekhn. fiz.* 36 no.4:735-738 Ap '66.

TROLLEYBUSES

Fainberg, A. I., ed. [Economics, organization and planning of municipal electric transportation] *Ekonomika, organizatsiia i planirovaniie gorodskogo elektrottransporta.* Moskva, Stroiizdat, 1966. 233 p.

TROLLEYBUSES—ELECTRIC EQUIPMENT

Efremov, I. S., and G. V. Kosarov. [Electrical equipment and automatic control of the rolling stock of urban transportation] *Elektricheskoe oborudovanie i avtomatizatsiia podvyezhnogo sostava gorodskogo transporta.* Moskva, Stroiizdat, 1965. 335 p.

TROPINONE

Stereochemistry of tropinone reduction catalyzed by sodium alcohols. I. Weiss and others. *Izv. AN SSSR. Ser. khim.* no.6:1120-1121 '66.

TROTSKYISM

Participation of Soviet trade unions in the struggle of the Communist Party against the Trotskyists in 1920 and 1927. I. V. Voskresenskii, D. T. Subbotin. *Vop. ist. KPSS* 19 no.7:113-110 Ji '66.

TROUT—DISEASES AND PESTS

Characteristics of the blood of rainbow-trout in connection with the fatty regeneration of liver. N. F. Zubina. *Izv. vys. ucheb. zav.; pishev. tekhn.* no.3:69-71 '66.

Experimental analysis of the nature of relationship between the toxic resistance of rainbow trout and its age and weight using the model of phenol poisoning. V. I. Lukhtanenko, B. A. Flerov. *Vop. ikht.* 6 no.2:375-380 '66.

TRUCK TRAILERS

(see also subdivision under Germany, West)

Improving the turn kinematics of long semitrailers used for the transportation of reinforced concrete parts. S. S. Ataev, B. F. Kulik. *Avi. prom.* 32 no.6:20-32 Je '66.

Using regular semitrailers. V. Sidorenko. *Avi. transp.* 44 no.5:20-21 My '66.

TRUCK TRAILERS—BRAKES

Braking systems of trailers and semitrailers. I. Orzhivskii. *Avi. transp.* 44 no.6:30-42 Je '66.

Results of experimental investigation of the drives for brake systems of long trailers. A. P. Zharov. *Avi. prom.* 32 no.6:26-29 Je '66.

TRUSSES

Fatigue-induced breakdowns of trusses of steel spans of railroad bridges. V. N. Kolokolov. *Trudy MII* no.22:154-165 '66.

TRUSTS, INDUSTRIAL

(see also subdivision under France; Germany, West; Italy)

Dikanski, M. G., and V. A. Shil'dkret. [International monopolies; the origin and development of the most important international cartels] *Mezhdunarodnye monopolii; vozni-knoveniia i razvitiie vazhnikh mezhnunarodnykh kartelol.* Moskva, Mysl', 1966. 270 p.

TRYPTAMINE

Analysis of the protective action of mesamine following irradiation of mice with 200 kv X rays and in linear accelerator of 4.3 Mev. I. B. Ilychkovskii, A. V. Bogatyrev. *Radiobiologiya* 6 no.3:440-445 '66.

TSELINOGRAD PROVINCE—PEAS

Planting time for peas in the dry steppe zone of Tselinograd Province. P. S. Skorebogatov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no.5:21-25 My '66.

TSELINOGRAD PROVINCE—WHEAT—FERTILIZERS AND MANURES

Some characteristics of the formation of reproductive organs in spring wheat on related to various planting times and the use of fertilizers in brown chestnut soils of Tselinograd Province. V. A. Kudachitshev, V. M. Pastukhova. *Vest. sel'khoz. nauki [Kazakh.]* 9 no.6:17-24 Je '66.

TSIMLYANSK RESERVOIR—WATER—COMPOSITION

Tentative balance of organic substances in the Tsimlyansk Reservoir. V. G. Datsko, V. L. Vasil'eva. *Gidrokhim. mat.* 30:122-131 '65.

TUBERCULOSIS

Dynamics of plethymographic data in patients with pulmonary tuberculosis in the compound sanatorial and climatic treatment including heliotherapy. I. M. Gusev, E. P. Ozhogina. *Vop. kur., fizioter. i lech. fiz. kul't.* 31 no.2:121-124 Mr-Apr '66.

Experimental analysis of mixed tuberculous and atypical coccid infection in white mice. D. P. Shirer. *Blud. okup. biol. i med.* 61 no.5:99-91 My '66.

Khar'kov. *Ukrainskii nauchno-issledovatel'skii institut tuberkuleza.* [Scientific session of the Institute; summaries of reports, June 16-17] *Nauchnata sessiia instituta; tozisy dokladov.* 16-17 tishin. Khar'kov, Obshchestvo ob-vo fiziatrov, 1964. 113 p. (DNLM)

TUBERCULOSIS—PREVENTION

Experience in the combined work of the phthisiological and sanitary-epidemiological service. M. V. Gaidin, L. G. Bystritskaya, T. I. Nazarova. *Zhur. mikrobiol., epid. i immun.* 43 no.5:140-143 My '66.

Organization of the fluorographic examination of persons in a district. G. A. Villanova and others. *Voen.-med. zhur.* no.6:20-22 Je '66.

TUBERCULOSIS—PREVENTIVE INOCULATION

Present problems of the immunoprophylaxis of tuberculosis. G. G. Karapetian. *Zhur. okup. i klin. med.* 0 no.2:80-85 '66.

TUGBOATS—EQUIPMENT AND SUPPLIES

Captain's bridge and pilothouse of modern vessels. I. U. Loukin, A. Kobinok, B. Bogdanov. *Tekhn. transp.* 22 no.5:54-55 Ag '64.

TULA—ARMS AND ARMOR—EXHIBITIONS

Ashurkov, V. N. [The Tula Museum of Weapons; a guidebook] *Tul'skii muzei oruzhiia; putevoditel'.* Tula, Priokskoe knizhnoe izd-vo, 1965. 04 p. (CSU-H)

TULA—FEED INDUSTRY

Sections for the granulation of mixed feeds at the Salsk and Tula Mixed Feed Plants. N. Chudakovskii, M. Bakshtan. *Muk.-olev. prom.* 32 no.5:20-22 My '66.

TULA PROVINCE—CHEMICAL INDUSTRIES

For an all-Union fund for large-scale chemical industry. Zhil.-kom. khoz. 14 no.5:1 My '64.

TULA PROVINCE—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Tiklin, F.I., comp. [Do you remember, comrade: reminiscences of the fighters and commanders of the Tula partisan detachments] Ty pomnish' tovarishch; vospominaniya boitsov i komandirov to'skikh partizan-skikh otriadov. Tula, Priokskoe knizhnoe izd-vo, 1965. 238 p.
(MI)

TULAREMIA see subdivision under Orenburg Province

TUMANYAN (ARMENIA)—REFRACTORIES INDUSTRY

High-quality chromite refractory materials. E. Alaverdova, R. Postogova. Prom. Arm. 9 no. 6:55-58 '66.

TUMORS

Cytological analysis of DNA concentration in the cells of ascitic tumors. M. L. Efimov, T. S. Kleinbok. Vop. onk. 12 no. 6:67-70 '66.
Spontaneous regression of hemangioma in children. A. I. Solovko. Vop. onk. 12 no. 6:17-20 '66.

TUMORS—INNERVATION

Nerve-cell interrelations in tumors. L. K. Sharashidze, T. D. Godeladze. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 8:63-66 '59.

TUNGSTEN see subdivision under Asta, Central

TUNGSTEN ISOTOPES

Spectrum of internal conversion electrons emitted in the reaction $W^{186} (n, \gamma) W^{187}$. P. T. Prokofiev, L. I. Simonova. Izv. AN SSSR, Ser. fiz. 30 no. 7:1210-1212 JI '66.

TUNGSTEN-MOLYBDENUM ALLOYS see Molybdenum-tungsten alloys

TUNGSTEN-MOLYBDENUM STEEL

Cutting tools made of tungsten-molybdenum steels. G. A. Kossovich, V. D. Nesterov. Mashinostroitel' no. 6: 20-23 Je '66.

TUNGSTEN ORES

Basic characteristics of the geochemistry of tungsten in underground and surface waters in the regions of tungsten deposits. S. R. Krainov, S. D. Kapranov, N. G. Petrova. Geokhimiya no. 10:1234-1245 O '65.

TUNGUS LANGUAGE—DIALECTS

Ronzhova, A. V. [Sketches of the Uchur, Maya, and Tofa dialects] Ocherki uchurskogo, mayskogo i tofinskogo govorov. Pod red. G. M. Vastelich. Leningrad, Nauka, 1964. 169 p. (Dialektologicheskoe materialy po govoram evenkov Iakutskoi ASSR, no. 2)
(CaOTU)

TUNGUSKA, NIZHNYAYA see Lower Tunguska Valley

TUNGUSKA, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNISIA—DESCRIPTION AND TRAVEL

Chistov, A. A. [Through Tunisia and Libya] Po Tunisu i Libii. Moskva, Nauka, 1966. 128 p. (Puteshestviya po stranam Vostoka)

TUNISIA—INVESTMENTS, FOREIGN

The keys of one's house. I. Mikhailenko. Az. i Afr. seg. 9 no. 6:22-23 Je '66.

TUNISIA—PETROLEUM INDUSTRY

The keys of one's house. I. Mikhailenko. Az. i Afr. seg. 9 no. 6:22-23 Je '66.

TUNNEL DIODES

Distribution of impurities in p-n junctions of heavily doped germanium. N. A. Belova, P. E. Zil'berman, V. E. Luchchenko. Radiotekh. i elektron. 11 no. 6: 1107-1111 Je '66.

Effect of the mode of operation and the form of the voltampere characteristic of a tunnel diode on the noise factor of a mixer. V. V. Kukuashkin, V. G. Shinkarenko. Radiotekh. i elektron. 11 no. 7:1337-1340 JI '66.

Frequency dependence of the noise factor of a tunnel diode mixer. V. G. Shinkarenko. Radiotekh. i elektron. 11 no. 7:1340-1342 JI '66.

Possibility for constructing chain-type frequency doublers with tunnel diodes without intermediate amplifiers. I. U. L. Simov, A. I. Fainer. Radiotekh. i elektron. 11 no. 7:1345-1346 JI '66.

TUNNELS

Painting the inner surface of tunnels. V. S. Aramonov. Transp. stol. 16 no. 6:20-21 Je '66.

TURBINES

Choice of the cascade of guide blades. S. P. Sobolev, R. A. Akadiev. Energomashinostroenie 12 no. 6: 7-9 My '66.

Turbines of the new five-year plan. L. Ioffe, I. Gol'dina. Voen. i torg. 46 no. 6:10-12 '66.

TURBINES—ABSTRACTS

[Turbine manufacture] Ref. zhur. i Turbostr. no. 5 My '66. Predmetnyy ukazatel' za 1965 g.

TURBINES—TESTING

Method for decoding oscillograms in the ultrasonic control of turbine blades and compressors. B. I. Vykhovov. Zav. lab. 32 no. 5:560-564 '66.

TURBOBLOWERS

Turbojet snowplow. Del. i obog. rud. zav. i met. no. 3: 46-47 '64.

TURBOGENERATORS

ARY-2061 automatic excitation controller with strong action and problems of its adjustment. G. B. Lazarev, A. A. Fioletov, S. A. Amatskanian. Energ. i elek. no. 1:23-27 Ja-F '66.

Automatic excitation controllers with strong action for hydraulic turbine and generator units, turbogenerators, and synchronous compensators with electronic excitation systems. L. F. Alekseev and others. Trudy VEl no. 73:11-32 '66.

Excitation controllers for large turbogenerators with electrochemical exciters. G. M. Burmova, V. M. Iudin. Trudy VEl no. 73:32-49 '66.

Experience in the adjustment of excitation controllers with strong action in the Bratsk Hydroelectric Power Station. V. A. Babulin. Trudy VEl no. 73:72-83 '66.

System for testing automatic hydrogenerator excitation regulators with strong action in the Bratsk Hydroelectric Power Station. G. R. Gertsenberg and others. Trudy VEl no. 73:155-170 '66.

TURBOMACHINES

(see also subdivision under Sverdlovsk)

Method for decreasing energy losses due to secondary currents in the cascade systems of axial-flow turbomachines. V. G. Staritskiy, N. S. Chechel'. Izv. vys. ucheb. zav. i energ. 9 no. 3:195-199 My '66.

TURBOMACHINES—BLADES

Link damper wire coupling of moving blades. V. N. Mukarov. Energomashinostroenie 12 no. 5:43 My '66.

TURBULENCE

Heterogeneous and isotropic turbulence in weakly compressible media. V. I. Kilitakin. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 5:474-485 My '66.

Petrovskiy, V. S. [Hydrodynamic problems of turbulent noise] Gidrodinamicheskie problemy turbulentnogo shuma. Leningrad, Sudostroenie, 1966. 251 p.

Turbulence and turbidity in the shore areas of reservoirs and seas. A. V. Kazarushev. Trudy GGI no. 132:45-56 '66.

Turbulent fluctuations in the movement of a liquid and sediments. V. M. Makhavcev. Trudy GGI no. 132: 5-17 '66.

TURKEY—INVESTMENTS, FOREIGN

The people protest. L. Frolova. Az. i Afr. seg. 9 no. 6:21 Je '66.

TURKEY—PETROLEUM INDUSTRY

The people protest. L. Frolova. Az. i Afr. seg. 9 no. 6:21 Je '66.

TURKIC STUDIES—BIBLIOGRAPHY see Bibliography—Turkic studies

TURKISH LITERATURE—HISTORY AND CRITICISM

Literature in creation. Melih Cevdet Andaz. Az. i Afr. seg. 10 no. 7:43-44 JI '66.

TURKMENISTAN—COMMUNIST PARTY OF THE SOVIET UNION

Ashkhabad. Institut istorii partii. [Studies in the history of the Communist Party of Turkmenistan] Ocherki istorii Kommunisticheskoi partii Turkmenistana. Red. kollektiva: Sh. Tashiev i dr. Izd. 2., dop. Ashkhabad, Turkmenistan, 1965. 815 p.

TURKMENISTAN—DARKLING BEETLES

New genus and species of darkling beetles (Coleoptera, Tenebrionidae) from Turkmenia. G. S. Medvedev. Trudy Zool. inst. 37:88-99 '66.

TURKMENISTAN—GEOLOGY, STRUCTURAL

Geological structure of the southern part of central Turkmenistan based on the results obtained by the refraction correlation method. M. E. Starobinets. Neftgaz, geol. i geofiz. no. 5:22-27 '66.

TURKMENISTAN—PENICILLIUM

Antagonistic properties of the fungi from the genus Penicillium Link. isolated from the soils of the Turkmen S.S.R. Kh. N. Orazov, T. P. Sizova. Biol. MOIP, Otd. biol. 71 no. 2:118-130 Mr.-Ap '66.

TURKMENISTAN—SAND DUNES

Mechanism of the formation of barchan chains (based on experimental data). S. Vellsov. Izv. AN SSSR. Ser. geog. no. 3:66-70 My-Je '66.

TURKMENISTAN—SHEPHERDS

Ascent. G. Shcheglov. Sov. profsoyuzy 22 no. 10:11-12 My '66.

TURKMENISTAN—TECHNICAL EDUCATION

For an integral solution of problems in the development of the institutions of higher education. A. M. Akhundov. Vest. vyz. shkoly 24 no. 6:12-15 Je '66.

TURKMENISTAN—THUNDERSTORMS

Use of a device for determining the position of thunderstorms from a single point in Turkmenistan. M. I. Abimbolov. Trudy GGO no. 188:53-58 '66.

TURKMENISTAN—VIEWS

Flourish, Turkmenistan! (Through the Soviet land.) Sov. profsoyuzy 22 no. 11:22-24 Je '66.

TURKMENISTAN—WATER—COMPOSITION

Composition of the main ions of the surface waters of Turkmenia and problems of studying them further. I. A. Davydov. Gidrokhim. nat. 39:8-14 '65.

TURNING

Manufacturing alloyed chilled cast iron with high-rigidity cutting tools. G. S. Lazarev. Stan. i instr. 37 no. 6: 24-25 Je '66.

TURPENTINING

(see also subdivision under Russia, Northwestern)

Kolosko, S. I. [Technology and organization of tapping] Tekhnologiya i organizatsiya podsochki. Moskva, Lesnaya promyshlennost', 1966. 158 p. (DNL)

TUVA A. S. S. R.—BLACK FLIES

Rubtsov, I. A., and N. A. Vichovich. [Blackflies of Tuva] Moshi Tuvy. Novosibirsk, Nauka, 1965. 63 p.

TUVA A. S. S. R.—URANINITE

Accessory thoriumite-uraninite from nepheline syenites of Tuva. I. L. Kapustin. Atom. energ. 20 no. 6:501-505 Je '66.

TUVINIAN LITERATURE—HISTORY AND CRITICISM

Kyzyl. Tuvinskiy nauchno-issledovatel'skiy institut yazyka, literatury i istorii. [Tuvlian literature; a short history. Tuvinskaia literatura; kratkaya istoriya. Kyzyl, Tuvknigizdat] 1964. 238 p. [in Tuvlian] (MI)

TWILIGHT

Reduction of photometric measurements of the zodiacal light for the influence of twilight radiation. N. B. Divari. Astron. zhur. 43 no. 3:503-507 My-Je '66.

TWINS

Gemellary method in studying oligophrenia. I. A. Gurevich. Zhur. nev. i psikh. 66 no. 7:1038-1040 '66.

TYMPANAL ORGAN—SURGERY

Comparative morphological and functional results of trans tympanal and transmastoid radical surgery on the ear with tympanoplasty. I. S. Uanchev. Voen.-med. zhur. no. 6:43-42 Je '66.

TYPHOID FEVER

Combined treatment of typhoid fever with levomycesin, apilicium, monovalent vaccine and total ultraviolet irradiation. E. S. Normanski and others. Antibiotiki 11 no. 5:471-475 My '66.

Characteristics of the clinical course of present-day typhoid fever and problems of early diagnosis of typhoid and paratyphoid diseases. P. A. Alisov, A. P. Kazantsev. Voen.-med. zhur. no. 6:25-30 Je '66.

Methodological recommendations for the use of fluorescent antibodies for accelerated early laboratory diagnosis of typhoid fever and paratyphoids. S. I. Diakov, M. L. Orechkin. Voen.-med. zhur. no. 6: 55-58 Je '66.

TYPHOID FEVER—CONGRESSES

Moscow. Nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii. [Typhoid fever; specific prevention, immunity and serological diagnosis. Materials of the scientific conference organized by the Moscow Scientific Research Institute of Epidemiology and Microbiology of the Ministry of Public Health of the R. S. F. S. R., the Problem Commission on Epidemiology, Microbiology and Virology of the Scientific Council of the Ministry of Public Health of R. S. F. S. R., and the All-Russian Scientific Medical Society of Epidemiologists, Microbiologists and Infectious Disease Specialists] Bruchnoy tip; spetsificheskaya profilaktika, immunitet i serologicheskaya diagnostika. Materialy nauchnoi konferentsii, organizovannoi Moskovskim nauchno-issledovatel'skim institutom epidemiologii i mikrobiologii. Ministerstva zdoravookhraneniya RSFSR. Problemy kontrolya po epidemiologii, mikrobiologii i virusologii Uchenogo soveta Ministerstva zdoravookhraneniya RSFSR i Vsesoyuznogo nauchno-meditsinskogo obshchestva epidemiologov, mikrobiologov i infektionistov. Moskva, 1965. 240 p. (DNL)

TYPHOID FEVER—PREVENTIVE INOCULATION

Comparative study of immunological indices in rabbits immunized with typhoid culture and alcohol monovaccine. M. E. Biant. Zhur. mikrobiol., epid. i immun. 43 no. 5:48-52 My '66.

Effectiveness of vaccination against typhoid fever in children aged 3-7, using a purified preparation of Salmonella typhi Vi-antigen; materials of controlled epidemiological experiment. L. I. Shatrov and others. Zhur. mikrobiol., epid. i immun. 43 no. 5:39-43 My '66.

Research of a dry tabletted typhoid vaccine for enteral immunization. A. N. Meshalova and others. Zhur. mikrobiol., epid. i immun. 43 no. 5:137-138 My '66.

TYUMEN' PROVINCE—BORING MACHINERY

Gas turbine engines for drillers. I. Davletshin. *Neftanik* 10 no. 7:24 JI '63.

TYUMEN' PROVINCE—BUDGET

Province budget and its potentialities. L. Lukoshkov. *Fin. SSSR* 40 no. 6:52-55 Je '66.

TYUMEN' PROVINCE—DIKES (ENGINEERING)

Trestles or alluvial dikes. A. A. Kevorkov. *Avt. dor.* 29 no. 6:7 Je '66.

TYUMEN' PROVINCE—GEOLOGY, STRUCTURAL

Structural characteristics of local uplifts in the northern part of Western Siberia (Tyumen' Province). I. N. Karogodin. *Neftgaz. geol. i geofiz.* no. 5:3-7 '66.

TYUMEN' PROVINCE—PRODUCE TRADE

Let the quality of agricultural products be higher! N. Malykhin. *Zakup. sel'khoz. prod.* no. 5:26-27 My '66.

UDMURT A. S. S. R.

Perevoshchikov, A. P. [Nature of Udmurtia; textbook for grade 4] *Priroda Udmurtii; uchebnoe posobie dlia 4-go klassa.* Izd. 2., ispr. i dop. Izhevsk, Udmurtia, 1965. 49 p.

UFA—DISTILLING INDUSTRIES

Preparing for the introduction of the new methods of work. O. Lukavishnikov. *Part. zhizn'* no. 13:46-49 JI '66.

UGANDA—MANUFACTURES

The manufacturing industry of Kenya, Uganda and the United Republic of Tanzania. BIKI [Prilozh.] no. 5: 15-35 JI '66.

UGANDA—POLITICS AND GOVERNMENT

Important defeat of the feudal lords. K. M'khallov. *Mech. dunar. zhizn'* 13 no. 7:104 '66.

UKRAINE—ADMINISTRATIVE LAW—CODIFICATION

Fundamental aims of the systematic compilation of laws on administrative liability in the Ukrainian S. S. R. O. M. Iakuba. *Uch. zap. VNIISZ* no. 3:27-33 '65.

UKRAINE—ALCOHOLISM AND CRIME

Measures in the administration of justice and education against alcoholism. I. Kh. Golovchenko. *Sov. gos. i pravo* 36 no. 6:61-66 Je '66.

UKRAINE—ALGAE, FOSSIL

Lithological composition of Sarmatian algal formations in the southern part of the Ukraine. L. S. Bilokrysa. *Dop. AN URSR* no. 6:797-800 '66.

UKRAINE—ANNELIDA, FOSSIL

Mass finds of Middle Miocene Spirorbis in the southern Ukraine. I. M. Barh. *Dop. AN URSR* no. 6:795-797 '66.

UKRAINE—ARBITRATION AND AWARD

Decisions of arbitration agencies. *Rad. pravo* 20 no. 5: 96-97 My '66.

Decisions of arbitration agencies. *Rad. pravo* 20 no. 6:99-100 Je '66.

UKRAINE—ARBORETUMS

Present state and future development of arboretums of the Academy of Sciences of the Ukrainian S. S. R. *Dop. AN URSR* no. 5:693 '66.

UKRAINE—ARCHAEOLOGICAL RESEARCH

New construction projects and the development of archaeological studies in the Ukraine. I. U. M. Zakharuk. *Arkheologiya* 10:4-13 '65.

The 12th Conference of the Institute of Archaeology of the Academy of Sciences of the Ukrainian S. S. R. M. M. Shumilii. *Arkheologiya* 19:222-228 '65.

UKRAINE—BENTONITE—CONGRESSES

Ukrainsko-Chekhoslovatska konferentsiia po bentonitam, Uzhgorod, 1965. [Bentonite clays of Czechoslovakia and the Ukraine; transactions] *Bentonitovye gliny Chekhoslovaki i Ukrainy; trudy.* Kiev, Naukova dumka, 1966, 200 p.

UKRAINE—BIBLIOGRAPHICAL SERVICES

Bibliographical work in the CPSU Library of the Ukrainian S. S. R. G. M. Aleksandrova, N. M. Reva. *Sov. bibl.* no. 2:52-59 '66.

UKRAINE—BIOLOGICAL RESEARCH

Plan of scientific research work of the institutions of the Department of Chemical Technology and Biology for 1966 and means for carrying it out. *Dop. AN URSR* no. 5:688-689 '66.

UKRAINE—BLISTER BEETLES

Blister beetles (Coleoptera, Meloidae) of the eastern part of the motley type grass-fescue-feather grass steppe in the left-bank Ukraine. G. N. Levchinskaja. *Uch. zap. KHGU* 14:161-167 '63.

UKRAINE—BOOKSELLERS AND BOOKSELLING

Let us carry out the decisions of the 23d Congress of the CPSU. *Knizh. tor.* 17 no. 6:4 Je '66.

UKRAINE—BOTANICAL RESEARCH

Coordinating conference on the problem "Biological foundations of the efficient use, modification, and conservation of the plant world." H. O. Kuznetsova. *Ukr. bot. zhur.* 23 no. 3:125-128 '66.

UKRAINE—BOTANICAL SOCIETIES

Work of the Ukrainian Botanical Society in 1965. P. H. Sydorenko. V. I. Chapyk. *Ukr. bot. zhur.* 23 no. 3:120-123 '66.

UKRAINE—BREEDING—CONGRESSES

Genetic foundations of breeding; conference in Kiev. L. I. Kokhanova. *Vest. AN SSSR* 38 no. 6:91 Je '66.

UKRAINE—BROTHERHOODS

Isalevyeh, I. A. D. [Brotherhoods and their role in the development of Ukrainian culture from the 16th to the 18th centuries]. *Bratstva ta ikh rol' v rozvytku ukrains'koi kul'tury XVI-XVIII st.* Kyiv, Vyd-vo Naukova dumka, 1966. 248 p.

UKRAINE—CHEMISTRY, TECHNICAL

Plan of scientific research work of the institutions of the Department of Chemical Technology and Biology for 1966 and means for carrying it out. *Dop. AN URSR* no. 5:688-689 '66.

UKRAINE—CHURCH HISTORY

Bellaev, V. P. [Night birds; pamphlets] *Nochnye ptitsy; pamflety.* Moskva, Politizdat, 1965. 182 p. (CSI-II)

UKRAINE—COAL MINES AND MINING—MANAGEMENT

Potentialities for increasing labor productivity in development workings in mines of the Ukrzypadugol' Combine. I. U. K. Epifantsev and others. *Ugol'* 41 no. 6:52-55 Je '66.

UKRAINE—COLLECTIVE FARMS

Talan, I. E. P. [Collective farms of the Ukrainian S. S. R. during the completion period of the building of socialism, 1951-1958] *Kolhospy Ukrainy kol'ISR v period zavershenia budivnytstva sotsializmu (1951-1958 rr.)*. Kyiv, Naukova dumka, 1966. 157 p.

UKRAINE—COLLECTIVE FARMS—FINANCE

Panchenko, M. P., and I. V. Nikolenko. [Accumulation and collective farm production] *Nahromadzhennia i kolhospane vyrobnytstvo.* Kyiv, Naukova dumka, 1966. 118 p. (Naukovo-populiarna literatura)

UKRAINE—CRIMINAL INVESTIGATION

We should amend Article 110 of the criminal procedure code of the Ukrainian S. S. R. M. Volod'ko. *Rad. pravo* 29 no. 5:55-58 My '66.

UKRAINE—DRUNKENNESS (CRIMINAL LAW)

Measures in the administration of justice and education against alcoholism. I. Kh. Golovchenko. *Sov. gos. i pravo* 36 no. 6:61-66 Je '66.

UKRAINE—EDUCATION

The development of Soviet schools and public education in the Ukraine in 1926-1932. L. P. Tenderes. *Nauk. pratsi z ist. KPRS* no. 5:83-93 '63.

How the Communist Party of the Ukraine tried to develop the system of general education and supply it with teaching personnel, 1921-1925. P. I. Bukumenko, H. I. Iasnyts'kyi. *Nauk. pratsi z ist. KPRS* no. 5: 39-43 '65.

How the Communist Party tried to preserve and develop Soviet Ukrainian schools during the Great Patriotic War, 1941-1945. M. O. Buta'ko, M. V. Kovall'. *Nauk. pratsi z ist. KPRS* no. 5:145-150 '63.

Leading role of the Communist Party of the Ukraine (Bolshevik) in the development of public education during the general offensive of socialism, 1926-1929. I. I. Kolomiichenko. *Nauk. pratsi z ist. KPRS* no. 5:72-82 '65.

Leading role of the Communist Party of the Ukraine (Bolshevik) in the "Ukrainization" of public education in 1917-1927. P. P. Bachyns'kyi. *Nauk. pratsi z ist. KPRS* no. 5:44-54 '63.

The October Revolution and the radical reorganization of public education in the Ukraine, 1917-1921. V. I. U. Niz'salenko. *Nauk. pratsi z ist. KPRS* no. 5:13-29 '63.

Role of Ukrainian trade unions in the struggle for the development of public education during the prewar five-year plans. M. I. Horlach. *Nauk. pratsi z ist. KPRS* no. 5:113-124 '63.

UKRAINE—EDUCATION—FINANCE

How the Communist Party of the Ukraine financially supported the school system in the period of reconstruction, 1921-1925. O. P. Drozdova. *Nauk. pratsi z ist. KPRS* no. 5:55-60 '63.

UKRAINE—EDUCATION, RURAL

Efforts of the party organizations of the Ukraine to develop public education in rural areas during the collectivization of agriculture. O. O. Mykhailov, L. K. Shendryk. *Nauk. pratsi z ist. KPRS* no. 5:102-112 '63.

Leading role of the Communist Party of the Ukraine (Bolshevik) in the school reform and the establishment of compulsory seven-year education in rural areas, 1933-1937. O. O. Mykhailov. *Nauk. pratsi z ist. KPRS* no. 5:134-144 '63.

Role of the schools of general education in raising the cultural level of Ukrainian peasants in the prewar period. L. I. Horlach. *Nauk. pratsi z ist. KPRS* no. 5:125-133 '65.

The struggle of the committees of the poor for the development of public education in rural areas in 1921-1925. M. D. Berezovchuk. *Nauk. pratsi z ist. KPRS* no. 5:61-71 '65.

UKRAINE—ELECTIONS

Ukraine. Laws, statutes, etc. [Statute on elections to province, district, town, rural, and settlement associations of workers' deputies of the Ukrainian S. S. R. Approved by the Decree of the Presidium of the Supreme Soviet of the Ukrainian S. S. R. of October 3, 1939, with changes and additions. . . of January 11, 1953] *Polozhenie o vyborakh v oblastiye, raiony, gorodskije, sel'skie i poselkovye Sovety deputatov trudiasheichkha Ukrainy kol' SSR.* Utverzheno Ukazom Prezidiuma Verkhovnogo Soveta Ukrainy kol' SSR at 3 oktabriia 1950 g., s izmeneniami i dopolneniami. . . of 11 ianvaria 1963 g. Kiev, Izd-vo polit. lit-ry Ukrainy, 1965. 31 p. (CSI-II)

UKRAINE—ELECTRIC EQUIPMENT INDUSTRY

Electric equipment industry of the Ukraine helps our country during the seven-year plan. V. E. Antafiev, N. N. Skvortsov. *Energ. i elek.* no. 1:49-50 Ja-F '66.

UKRAINE—ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Modernization of thermal power equipment in electric power stations in the Ukrainian S. S. R. A. S. Dupak. *Energ. i elek.* no. 1:45-48 Ja-F '66.

UKRAINE—ENTOMOLOGY

Species of the genus *Entoloma* in the Ukrainian S. S. R. M. I. A. Zverova, H. L. Rozhenko. *Ukr. bot. zhur.* 23 no. 3: 79-85 '66.

UKRAINE—ETHNOLOGY

The Commission for Description of the Governments (Gubernii) of the Kiev Educational District. V. F. Gorlenko. *Trudy Inst. etn.* 91:8-36 '65.

UKRAINE—EUGLENIDAE

Colorless Euglenidae of the Ukraine. Z. I. Asanul. *Ukr. bot. zhur.* 23 no. 3:67-71 '66.

UKRAINE—FARM BUILDINGS—DESIGN AND CONSTRUCTION

On the sites of experimental construction. V. I. Holosov. *Sti. bud.* 14 no. 11:12-13 N '64.

UKRAINE—FERTILIZERS AND MANURES

Raw material resources of peat-human fertilizer in the Ukraine. V. T. Stabinski, L. M. Vihorshchuk, K. I. Sushko. *Geol. zhur.* 26 no. 3:40-44 '66.

UKRAINE—GAHNITE

Gahnite from Tertiary sands of the Ukraine. L. L. Morozova. *Dop. AN URSR* no. 6:816-818 '66.

UKRAINE—GAS FIELD DEVELOPMENT

Reserves of Upper Cretaceous gas pools in the Ugorsko and Bil'che-Volitsa fields, their regime, and character of interference. E. V. Soletskii. *Gaz. prom.* 11 no. 5:4-9 '66.

UKRAINE—GAS RESEARCH

Present state and prospective utilization of the research conducted by the Gas Institute of the Academy of Sciences of the Ukrainian S. S. R. in national economy. *Dop. AN URSR* no. 6:829-830 '66.

UKRAINE—GEOLOGY

Practice in the reconstruction of Pre-Cambrian physico-geographical conditions on the basis of studying the rocks of the Lower suite of the Krivoy Rog series. N. P. Hrechishnikov, Z. M. Hrechishnikova. *Geol. zhur.* 26 no. 2:3-17 '66.

[Study of the geology of the U. S. S. R.] *Geologicheskaja izuchennost' SSSR.* Kiev, Naukova dumka. Vol. 32. [Ukrainian S. S. R.; central and eastern provinces. Period 1946-1950] *Ukrainskaja SSSR; tsentral'no i vostochnye oblasti. Period 1946-1950.*

No. 1. [Published literature and notations] *Opublikovaniye raboty o obzornye glavy.* 1966. 241 p.

UKRAINE—GEOLOGY, STRATIGRAPHIC

Karev sediments in the Chepel' and Aydar Valleys. S. A. Moroz, N. N. Tikhots'ka. *Geol. zhur.* 26 no. 2:107-112 '66.

UKRAINE—GEOLOGY, STRUCTURAL

Chebanenko, I. I. [Fracture tectonics of the Ukraine] *Izobrazheniia tektonika Ukrainy.* Kyiv, Naukova dumka, 1968. 177 p.

Overlap of structural patterns. V. H. Konashov and others. *Geol. zhur.* 26 no. 2:118-119 '66.

UKRAINE—GERMAN OCCUPATION, 1941-1944

Bellaev, V. P. [Night birds; pamphlets] *Nochnye ptitsy; pamflety.* Moskva, Politizdat, 1965. 182 p. (CSI-II)

UKRAINE—HISTORY

[History of the Ukraine for children of school age] Istorii Ukrainy; dlia diti shkil'noho viku. Peredruk z neznachymy skorochennamy, i'vys'koho vydannia "Syku Dytny," 1934 rik. Winnepg, Vydavnycha spitsa Tryzub, 1966. 226 p.

Maksymenko, M., M. Davydiak, and O. Verhun. [Agent provocateurs in the West continue their work] Provokatory na Zakhodi prodovzhut' dilaty. Kyiv, T-va kultur-nykh zv'yazky z ukrainskamy za kordonom, 1963. 40 p. (CaOTU)

[Pereiaslav legend] Pereiaslavs'ka legenda. London, Kom-ty dlia vidznachennia 300-lit'ia borot'by Ukrainy proty Moskovshchyny, 1954. 32 p. (IU)

UKRAINE—HISTORY, MILITARY

[For independence; materials on the history of the Ukrainian Army] Za derzhavnist'; materialy do istorii vits'ka ukraina'koho. Toronto, Ukrain's'kyi volenno-istorychnyi in-t.

Vol. 10. 1964. 254 p.

UKRAINE—HOTELS, TAVERNS, ETC.

Community hotels in the Ukraine. IU, Petrovskii, Zhil.-kon.khoz. 14 no. 5:26 My '64.

UKRAINE—INSECTS, INJURIOUS AND BENEFICIAL

Brief information about the entomofauna of swamps in the northeastern Ukraine. S.I. Medvedev. Uch.zap.KHGU 140:75-81 '63.

UKRAINE—IRON INDUSTRY—FINANCE

Katsen, L. G., and M. R. Luk'ianov. [Fixed assets and working capital in ferrous metallurgy in the Ukraine] Osnovnye i oborotnye fondy chernoi metallurgii USSR. Kiev, Tekhnika, 1965. 190 p.

UKRAINE—JUSTICE, ADMINISTRATION OF

Brief news. Rad.pravo 29 no. 5:105-112 My '66.

Brief news. Rad.pravo 29 no. 6:110-112 Je '66.

From the supervisory work of public prosecutors. Rad.pravo 29 no. 6:98 Je '66.

UKRAINE—LABOR AND LABORING CLASSES—EDUCATION

Everyday attention to the training of specialists. V.I. Skrynnyk. Razved.i okh.nedr 32 no. 5:54-56 My '66.

UKRAINE—LAW

Recent legislative enactments. Rad.pravo 29 no. 6:101-105 Je '66.

UKRAINE—LAW—CASES

Decisions of the Supreme Court of the Ukrainian S.S.R. Rad.pravo 29 no. 5:86-94 My '66.

Decisions of the Supreme Court of the Ukrainian S.S.R. Rad.pravo 29 no. 6:90-97 Je '66.

From the supervisory work of public prosecutors. Rad.pravo 29 no. 6:95 My '66.

UKRAINE—LAW ENFORCEMENT

Fundamental aims of the systematic compilation of laws on administrative liability in the Ukrainian S.S.R. O. M. Lakuba. Uch.zap. VNIISZ no. 5:27-33 '66.

UKRAINE—LIBRARY ADMINISTRATION

Some problems concerning the organizational and methodological guidance of the libraries of the Ukraine. Z. A. Pechenzhskina. I. V. Shazhko. Bibliot. SSSR no. 30:83-103 '65.

UKRAINE—MAN, PREHISTORIC

Slavs and the tribes of the Saltov cultural type. D. T. Berezhovets. Arkheologiya 19:47-57 '65.

UKRAINE—MATERIALS HANDLING

Problems of industrial transport. I. Tonkoshkur. Plan.khoz. 43 no. 7:76-81 Ji '66.

UKRAINE—METALLURGY

Urgent tasks facing metallurgists of the Ukraine. I. A. P. Kulikov. Met.i gornorud.prom. no. 3:3-5 My-Je '66.

UKRAINE—MIGRATION, INTERNAL

Characteristics of the migration of the population of the Ukrainian S.S.R. B. A. Iankovskina. Ekon.geog. no. 2:38-45 '64.

UKRAINE—MINERALOGY

Determining the chemical composition and distribution of some elements in minerals, using electron microscopes. O. P. Shkariy, V. A. Stul'chikov. Geol.zhur. 26 no. 2:119-121 '66.

UKRAINE—MYCOLOGICAL RESEARCH

Present state and future development of mycological research in the Academy of Sciences of the Ukrainian S.S.R. Dop. AN URSSR no. 6:820 '66.

UKRAINE—OIL WELL DRILLING

Using "Uralmash-5D" drilling installations for drilling prospect wells 3500-3700m. deep. V. I. Zil'berman, I. V. Rakhmanin, A. T. Levchenko. Neft.i gaz.prom. no. 3:19-20 My-Je '66.

UKRAINE—PALEOGEOGRAPHY

Akademii nauk URSS, Kiev. Sektor geografii. [Pliocene and Quaternary paleogeography of the Ukraine] Paleogeografichni umovy terytorii Ukrainy v plitsentia antropogen. Kyiv, Naukova dumka, 1966. 124 p. (Respublikans'kyi mizhvidomchyi zbirnyk. Fizychna geografiia ta geomorfologiya)

UKRAINE—PETROLEUM—ANALYSIS

Ash composition of crudes from the Strel'bichy oil field. V. O. Kravushkin, S. B. Kazakov, V. I. Pavlovych. Dop. AN URSSR no. 6:810-812 '66.

UKRAINE—PHILOSOPHY

Present state of research on problems of logic and methodology of contemporary science in the Institute of Philosophy of the Academy of Sciences of the Ukrainian S.S.R. Dop. AN URSSR no. 5:692 '66.

UKRAINE—PIPE MILLS—MANAGEMENT

Scientific and technical conference on the intensification and automation of production processes in pipe mills of the Ukraine. P. G. Shengur. Met.i gornorud.prom. no. 3:89-91 My-Je '66.

UKRAINE—PLANT LICE

Xeromorphic plant lice (Homoptera, Aphidoidea) of the steppe zone of the Ukraine and some thought on their origin. M. P. Bozhko. Uch.zap. KHGU 140:108-113 '63.

UKRAINE—POLITICS AND GOVERNMENT

Work of the standing committees of the Soviets. P. Shabatkin. Rad.pravo 29 no. 6:22-24 Je '66.

UKRAINE—POWER ENGINEERING

Power engineering of the Ukraine at the threshold of the five-year plan. Energ.i elektr. no. 1:3-5 Ja-F '66.

UKRAINE—POWER ENGINEERING—EMPLOYEES

Rewarding the power engineering workers of the Ukrainian S.S.R. Energetik 14 no. 6:37 Je '66.

UKRAINE—PRODUCE TRADE

The work is difficult and troublesome. IU, Mitin. Zakup.sel'khoz.prod. no. 5:56-57 My '66.

UKRAINE—PUBLIC HEALTH

Khoroshi, I. D. [First years of the development of Soviet public health programs in the Ukraine, 1918-1920] Per-vye gody razvitiia sovetskogo zdoravokhraneniia na Ukraine (1918-1920). Kiev, Gos.med.izd-vo URSS, 1963. 206 p. (NIC)

UKRAINE—PUBLISHERS AND PUBLISHING

Ukrainian publishing houses in the 10th and early 20th centuries. A. I. Del. Kniga: issl.i mat. 10:163-191 '65.

UKRAINE—RESEARCH

Plan of scientific research work of the institutions of the Department of Physicochemical and Mathematical Sciences for 1966 and means for carrying it out. Dop. AN URSSR no. 5:687-688 '66.

Present state and measures for the improvement of scientific research work in the field of natural and social sciences in the institutions of high and higher vocational education of the Ukrainian S.S.R. Dop. AN URSSR no. 5:690-692 '66.

UKRAINE—REVOLUTION, 1917-1921

[For independence; materials on the history of the Ukrainian Army] Za derzhavnist'; materialy do istorii vits'ka ukraina'koho. Toronto, Ukrain's'kyi volenno-istorychnyi in-t.

Vol. 10. 1964. 254 p.

The October Revolution and the radical reorganization of public education in the Ukraine, 1917-1921. V. IU. Nikolashenko. Nauk. pratsi z ist. KPRS no. 3:13-29 '63.

UKRAINE—ROLLING (METALWORK)—QUALITY CONTROL

Changes in the selection and improvement of the quality of rolling in the Ukraine in the seven-year plan. N. A. Tereshchenko, D. E. Gal'perina. Met.i gornorud.prom. no. 3:78-81 My-Je '66.

UKRAINE—RURAL CONSTRUCTION

Secure the fulfillment of rural construction by technical documentation. V. Tytov. Sil'.bud. 14 no. 11:21 N '64.

UKRAINE—STEEL INDUSTRY—FINANCE

Katsen, L. G., and M. R. Luk'ianov. [Fixed assets and working capital in ferrous metallurgy in the Ukraine] Osnovnye i oborotnye fondy chernoi metallurgii USSR. Kiev, Tekhnika, 1965. 190 p.

UKRAINE—SUGAR BEETS

Growing sugar beets in the eastern forest-steppe of the Ukraine. V. Virovets. Tekh.v sel'khoz. 26 no. 5:43-48 My '66.

UKRAINE—THEATER

Staffs of the theaters of the Ukrainian S.S.R. (to be continued). Teatr 25 no. 10:160-191 O '64.

UKRAINE—TRADE UNIONS

Role of Ukrainian trade unions in the struggle for the development of public education during the prewar five-year plans. M. I. Horlach. Nauk. pratsi z ist. KPRS no. 5:113-124 '66.

UKRAINE—UNIVERSITIES AND COLLEGES

[Handbook for students entering institutions of higher education of the Ukrainian S.S.R. in 1966] Dovidnyk dlia vstupyvnyk do vysshchykh uchbovykh zakladiv Ukrain's'koi RSR na 1966 rik. [Kyiv] Vyd-vo Kyivs'koho univ., 1966. 254 p.

UKRAINE—VIROLOGY

Present state and future development of virological research in the Academy of Sciences of the Ukrainian S.S.R. Dop. AN URSSR no. 6:829 '66.

UKRAINE—WAGES—HOUSING MANAGEMENT

Gun'ko, E. I., B. M. Dzhan', and V. A. Televskaia. [Labor and wages in communal housing and services; a manual] Trud i zarobotna plata v zhylisheino-kommunal'nom khoziaistve; spravochnik. Kiev, Budivelnik, 1966. 357 p.

UKRAINE—WAGES—MUNICIPAL SERVICES

Gun'ko, E. I., B. M. Dzhan', and V. A. Televskaia. [Labor and wages in communal housing and services; a manual] Trud i zarobotna plata v zhylisheino-kommunal'nom khoziaistve; spravochnik. Kiev, Budivelnik, 1966. 357 p.

UKRAINE—WATER, UNDERGROUND

Utilization and conservation of the underground waters in the Dnieper artesian basin. N. H. Huzhva. Geol. zhur. 26 no. 2:91-94 '66.

UKRAINE—WEEVILS

Ecologic and faunistic characteristics of seed weevils of the genus Apton (Coleoptera, Curculionidae) of the steppe zone of the eastern Ukraine. V. S. Solovienkova. Uch.zap. KHGU 140:144-153 '63.

UKRAINE—WORLD WAR, 1939-1945

Ilyiduk, M. A. [Jump into a legend] Pryzhok v legendu. Kiev, Molod', 1966. 330 p.

UKRAINE, WESTERN—COMMUNICABLE DISEASES

Neural infections as natural focus diseases. T. I. Anoshenko, V. T. Bakhar, I. V. Seppel. Voenn.-med. zhur. no. 6:35-36 Je '66.

UKRAINE, WESTERN—GEOLOGY

[Study of geology of the U.S.S.R.] Geologicheskaya izucheniost' SSSR. Kiev, Naukova dumka, Vol. 31. [Ukrainian SSR; western provinces. Period 1940-1950] Ukrain's'ka SSR; zapadnye oblasti. Period 1940-1950. No. 1. [Published literature and notations] Opublikovanyye raboty i obzornyye glavy. 1966. 148 p.

UKRAINE, WESTERN—NERVOUS SYSTEM—DISEASES

Neural infections as natural focus diseases. T. I. Anoshenko, V. T. Bakhar, I. V. Seppel. Voenn.-med. zhur. no. 6:35-36 Je '66.

UKRAINIAN FOLK DANCING see Folk dancing, Ukrainian

UKRAINIAN LANGUAGE

Akademii nauk URSS, Kiev. Institut movoznavstva, [Ukrainian manuscripts of the 15th century] Ukrain's'ki hranyty XV st. Kyiv, Naukova dumka, 1965. 162 p. (Pam'iatky ukraina'koi movy XV st. Seriya ludychnoi literatury)

Leading role of the Communist Party of the Ukraine (Bolshevik) in the "Ukrainization" of public education in 1917-1927. P. P. Bachyn's'kyi. Nauk. pratsi z ist. KPRS no. 5:41-54 '65.

UKRAINIAN LANGUAGE—ETYMOLOGY—NAMES

Akademii nauk URSS, Kiev. Ukrain's'ka onomastychna komisiia. [Onomastics] Onomastyka. Kyiv, Naukova dumka, 1966. 160 p. (Respublikans'kyi mizhvidomchyi zbirnyk. Seriya "Pytannia movoznavstva")

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Bilets'kyi, O. I. [Collected works in five volumes] Zibrannia pratsi u p'iaty tomakh. Red.kolegiia: M. K. Hudzil ta inshi. Kyiv, Naukova dumka, Vol. 3. [Soviet Ukrainian literature, theory of literature] Ukrain's'ka radiatsiia literatura, teoriia literatury, 1966. 606 p.

Yuryniak, Anatol. [Creative components of literary creation] Tvorchii komponenty literaturnoho tvor. Chicago, 1964. 67 p. (CoU)

UKRAINIAN MANUSCRIPTS see Manuscripts, Ukrainian

UKRAINIAN NAMES see Names, Ukrainian

UKRAINIAN WOMEN see Women, Ukrainian

UKRAINIANS see subdivision under Canada; San Valley; Transcarpathia

ULAN-UDE—INDUSTRIES

Efforts of the party organizations of industrial plants to use the internal potentialities of their enterprises. TS. TS. Mitupov, Trudy BKNi no. 10:15-26 '62.

ULAN-UDE—LIBRARIES, WORKINGMEN'S

The place of reading in the structure of leisure time of Ulan-Ude workers; based on the example of three industrial enterprises in Ulan-Ude. N. S. Kartashov, Bibliot. SSSR no. 30:21-34 '65.

ULTRABASITE

Genesis of deep-seated basic rocks and ultrabasites. G. M. Zaridze, Izv. AN SSSR, Ser. geol. 31 no. 6:27-38 Je '66.

Temperature of the emplacement of ultrabasic intrusions. A. T. Bazilevskii, Geokhimiia no. 4:404-409 Ap '66.

ULTRASONIC TESTING

Izshcheli vagonostroitel'nyi zavod, Riga. [Ultrasonic testing of welded joints in the manufacture of electric cars] Ul'trazvukovoi kontrol' svarynykh soedinenii v elektro-vagonostroenii. Riga, Latsvskii respubl. in-t nauchno-tekhn. informatsii i propagandy, 1965, 10 p.

ULTRASONIC WAVES—EFFECT ON SEEDS see Seeds, Effect of ultrasonic waves on

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Effect of ultrasonic waves on the decomposition of the residual austenite in KhVG steel. E. G. Aizenson, A. I. Uvarov, Izv. vys. ucheb. zav., Chern. met. 9 no. 6:121-124 '66.

Effect of ultrasonic waves on the process of electrochemical oxidation of potassium manganate to permanganate. A. P. Gindis, Elektrokimiia 2 no. 6:737-738 Je '66.

Effect of ultrasound on the plasticity of high boron stainless steels. L. E. Al'shevskii and others, Atom. energ. 20 no. 5:440-442 My '66.

Increasing the wear resistance of punches by means of ultrasonic cold hardening. IU. M. Golubev, N. E. Mirakhin, Stan. i instr. 37 no. 6:27-28 Je '66.

Oxidation of ferrous oxide in magnetite melts in the ultrasonic field. A. S. Blit'sh, V. N. Krylov, Zhur. prikl. khim. 39 no. 5:1194-1195 My '66.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Ultrasound and the cell. I. E. El'piner, Priroda 55 no. 7:23-32 '66.

ULTRASONIC WAVES—SPEED

Special dispersion of the velocity of ultrasound in ferromagnetics having a domain structure. K. B. Vlasov, Izv. AN SSSR, Ser. fiz. 30 no. 6:943-944 Je '66.

ULTRASONIC WAVES—THERAPEUTIC USE

Use of UHF pulse electric field and terramycin electrophoresis in the compound treatment of acute inflammatory and suppurative diseases. A. M. Landu, M. N. Starkova, Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:155-158 Mr.-Ap '66.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Effect of ultraviolet irradiation of incubation eggs on the hatching, viability, and growth of baby chicks. L. S. Motorkina, Sbor. nauch. rab. stud. Ser. zootekh. vet. inst. 3:90-94 '65.

ULTRAVIOLET RAYS—THERAPEUTIC USE

Effect of infrared and ultraviolet rays on the healing process of skin wounds caused by X-ray irradiation. V. D. Abdullaev, Azerb. med. zhur. 43 no. 4:23-27 Ap '66.

UNDERDEVELOPED AREAS

The myth about "bourgeois" and "proletarian" nations. E. Arab-Odey, Mirovaia ekonomika i statistika 1966, no. 1:10-11.

UNDERDEVELOPED AREAS—ILLITERACY

Learning to change the world. Helene Dazy, Vsem. prof. dvizh. no. 3:28-31 My '66.

UNDERDEVELOPED AREAS—INDUSTRIES

The U.S.S.R. and the development of the industries of the new states. I. Kapranov, Mezhdunar. zhizn' 13 no. 6:53-61 '66.

UNDERDEVELOPED AREAS—INVESTMENTS, AMERICAN

Aggressive policy of the imperialists, Mezhdunar. zhizn' 13 no. 7:3-7 '66.

UNDERDEVELOPED AREAS—IRRIGATION

Return to life. S. Ivanov, Az. i Afr. seg. 10 no. 7:26-29 Ji '66.

UNDERDEVELOPED AREAS—PETROLEUM INDUSTRY

Intrigues of the oil kings. D. Kasatkina, Az. i Afr. seg. 9 no. 6:4-6 Je '66.

UNDERDEVELOPED AREAS—POLITICS

Bondar', V. I. A. [The national liberation movement] Nacional'no-osvoboditel'noe dvizhenie. [Moskva] Izd-vo Mosk. univ., 1965, 34 p.

UNDERDEVELOPED AREAS—TECHNICAL ASSISTANCE, RUSSIAN

Return to life. S. Ivanov, Az. i Afr. seg. 10 no. 7:26-29 Ji '66.

UNDERGROUND CONSTRUCTION

Nifontov, B. I., and others. [Construction of underground structures] Stroitel'stvo podzemnykh sooruzhenii, Moskva, Nedra, 1966, 293 p.

UNDERGROUND STRUCTURES

Baltur, A. I. [Large underground structures for metallurgy] Krupnogebaritnye podzemnye sooruzhenia metallurgicheskoi promyshlennosti. Kiev, Budivelnik. 1964, 41 p.

UNDERGROUND WATER see Water, Underground

UNDERWATER ACOUSTICS

Observation of a sound signal in the ocean in the presence of internal waves. S. D. Chuprov, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 5:551-552 My '66.

Subsurface cavitation as a source of noise in the ocean. A. V. Furduev, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 5:523-533 My '66.

UNDERWATER PIPELINES see subdivision under Azerbaijan

UNGULATA see subdivision under Voronezh Province

UNION REPUBLICS

Demarcation of powers between the organs of the U.S.S.R. and the Union Republics in the province of economic leadership. A. I. Lepeshkin, Sov. gos. i pravo 36 no. 6:3-11 Je '66.

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED NATIONS

(see also subdivision under Germany, East)

Traveling sessions of the 24-Nation Committee, V. Sidenko, Nov. vrem. 24 no. 20:21 Je '66.

UNITED NATIONS—MEMBERSHIP

Louis Saillant on the petition of the government of the Democratic Republic of Germany for admission to the U.N., Vsem. prof. dvizh. no. 3:35-36 My '66.

UNITED REPUBLIC OF TANGANYIKA AND ZANZIBAR

LMANACS, UKRAINIAN

Shkola Ukrainoznavstva Im. Lesi ukraїnky, an almanac published by the School of Ukrainian Studies in 64] Tsvit Ukrainy; al'manakh... use, Vyd-vo Shkoly ukrainoznavstva, 1965, 81 p.

SLAN STUDIES

Asian studies and the results of Sharikov, Vop. ist. 41 no. 6:186-190.

of Asia in the U.S.A.: purpose, zation. A. Sharikov, Mir. ekon. 10. 6:133-141 '66.

COMMUNIST PARTY

erican Communists, I. Lapitskii, 20:10-11 Ji '66.

DESCRIPTION

ngerous virus; feultitons] stony. Moskva, Pravda, 1966, 19. 6:10-11.

POPOUTS

ion schools. B. Kntzhnikov, Nar. i osv. 1966, no. 1:10-11.

UNITED STATES—ECONOMIC CONDITIONS

The U.S.A., the most important country of present-day imperialism. Canada, R. Gridanov, Koms. Voprosy. SU. 47 no. 14:77-82 Ji '66.

UNITED STATES—ELECTRICITY IN AGRICULTURE

Rumov, B. A. [Electrification and mechanization of livestock farms in the U.S.A.] Elektromekhanizatsiia zhivotnovodcheskikh ferm v SSHA. Izd. 2, pererab. i dop. Moskva, Kolos, 1966, 188 p. (DNAL)

UNITED STATES—EMIGRATION AND IMMIGRATION

Shlepakov, A. N. [Immigration and the American working class in the epoch of imperialism] Immigratsiia i amerikanskii rabochii klass v epokhu imperiatizma. Moskva, Mysl', 1966, 500 p.

UNITED STATES—FARM MECHANIZATION

Rumov, B. A. [Electrification and mechanization of livestock farms in the U.S.A.] Elektromekhanizatsiia zhivotnovodcheskikh ferm v SSHA. Izd. 2, pererab. i dop. Moskva, Kolos, 1966, 188 p. (DNAL)

UNITED STATES—FINANCE, PUBLIC

Financial contradictions and government regulation of the American economy. V. Perlo, Mir. ekon. i mezhdunar. otn. no. 6:82-94 '66.

UNITED STATES—FOREIGN RELATIONS

Aggressive policy of the imperialists, Mezhdunar. zhizn' 13 no. 7:3-7 '66.

Washington's new tactics. IU. Bochkarev, Nov. vrem. 24 no. 27:4-6 Ji '66.

UNITED STATES—FOREIGN RELATIONS—ARAB COUNTRIES

Imperialism and reaction become more active. E. Kraslov, Mezhdunar. zhizn' 13 no. 6:120-121 '66.

UNITED STATES—FOREIGN RELATIONS—CENTRAL AMERICA

Where the cars of imperialists are sticking out, E. Kraslov, E. Lapshchev, Mezhdunar. zhizn' 13 no. 6:112-113 '66.

UNITED STATES—FOREIGN RELATIONS—CUBA

What the United States is plotting, M. Artushchuk, Mezhdunar. zhizn' 13 no. 7:99 '66.

UNITED STATES—FOREIGN RELATIONS—JAPAN

For East: Dangerous winds. D. Vol'nik, Nov. vrem. 24 no. 30:18 Ji '66.

UNITED STATES—FOREIGN RELATIONS—GERMANY, WEST

Dangerous agreement between Bonn and Washington, L. Pastusniak, Mezhdunar. zhizn' 13 no. 7:65-70 '66.

UNITED STATES—FOREIGN RELATIONS—GREAT BRITAIN

An ally or a satellite? M. Kobrin, Nov. vrem. 24 no. 33:14 Ag '66.

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA

NATO for the Western Hemisphere, S. Gontonskii, Nov. vrem. 24 no. 33:11-13 Ag '66.

The Pentagon in Latin America, L. Parker, Mezhdunar. zhizn' 13 no. 8:115-119 '66.

UNITED STATES—GEOGRAPHICAL RESEARCH

Report on the development of American geography, A. A. Mints, Izv. AN SSSR, Ser. geog. no. 3:112-117 My-Je '66.

UNITED STATES—INDUSTRIAL MANAGEMENT

Intrafirm planning in the U.S.A., IU. Vasil'ev, Plan. khoz. 43 no. 9:173-82 Je '66.

UNITED STATES—LABOR AND LABORING CLASSES

Escalation of the war in Vietnam and the antiworking class policy in the U.S.A., G. Tarasova, Mir. ekon. i mezhdunar. otn. no. 6:95-96 '66.

Shlepakov, A. N. [Immigration and the American working class in the epoch of imperialism] Immigratsiia i amerikanskii rabochii klass v epokhu imperiatizma. Moskva, Mysl', 1966, 500 p.

UNITED STATES—MILITARY POLICY

The face of Washington, N. Kurdiunov, Nov. vrem. 24 no. 26:28-30 Je '66.

Mochalov, V. V. [The big lie about small wars; the bourgeois theory of limited wars] Bol'shaya lzh' o mal'kikh voynakh; o burzhuaznoi teorii ogranichennykh vojn. Moskva, Voennoe izd-vo, 1965, 100 p. (CS-11)

War and the golden rain. T. TSarapkina, Az. i Afr. seg. 9 no. 6:26-27 Je '66.

Washington's infamy, Nov. vrem. 24 no. 28:1-3 Ji '66.

UNITED STATES—NEGROES

Another "long hot summer." Svetlana Sergeeva. Nov. vrem. 24 no. 26:23-24 JI '66.

UNITED STATES—PATENT LAWS AND LEGISLATION

Drawing up of applications for inventions in the U.S.A. A.G. Novozhilov. Vop. izobr. no. 1:15-21 Ja '66.

UNITED STATES—PATENTS—INFORMATION SERVICES

Patent literature in the U.S.A. and methods for its searching. N.P. Zmichevskaya. Vop. izobr. no. 1: 21-26 Ja '66.

UNITED STATES—POLITICS AND GOVERNMENT

"The tragedy of the Republicans or the tragedy of the Americans? A. Butlitskii. Nov. vrem. 24 no. 32:10-20 Ag '66.

The U.S.A., the most important country of present-day imperialism. Canada. R. Girdasov. Komm. Vooruzh. Sil 47 no. 14:77-82 JI '66.

Uncertainty in the rear of the aggressors in the U.S.A. V. Nazarevskii. Mezhdunar. zhizn' 13 no. 8:60-69 '66.

When the dollar casts its vote. E. Kuz'min. Sov. iust. 30 no. 13:28-29 JI '66.

UNITED STATES—PRISONS

Painted from nature. Nov. vrem. 24 no. 33:31-32 Ag '66.

UNITED STATES—PUBLIC OPINION

Americans and the Vietnamese War; a letter to the editor. F. Rose. Nov. vrem. 24 no. 27:17 JI '66.

"Revolt of reason." I.U. Shvedkov. Mezhdunar. zhizn' 13 no. 6:44-52 '66.

UNITED STATES—RACE PROBLEMS

"Something new is happening." G. North. Mezhdunar. zhizn' 13 no. 8:93-100 '66.

UNITED STATES—RELATIONS (GENERAL) WITH INDIA

Dangerous concession. I. Silnev. Az. i Afr. seg. 10 no. 7:54 JI '66.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

The truth is the path to friendship. K. Severinov. Mol. komm. no. 8:15-16 Ag '64.

UNITED STATES—RELATIONS (MILITARY) WITH SOUTH KOREA

Solidarity with the Korean people. Nov. vrem. 24 no. 28:3 Je '66.

UNITED STATES—RELATIONS (MILITARY) WITH SOUTHEASTERN ASIA

Keep aggressors in check and preserve peace. N. Potanov. Kommunist 43 no. 11:89-97 JI '66.

The war in Vietnam and the "global strategy" of Washington. I.U. Bochkarev. Kommunist 43 no. 11: 110-112 JI '66.

UNITED STATES—RODENTS—EXTERMINATION

Control of synanthropic rodents in the U.S.A.: a review of the literature. V.A. Vilkovskii, T.V. Sakharova, Zhur. mikrobiol., epid. i immun. 43 no. 5:22-25 My '66.

UNITED STATES—SOCIAL CONDITIONS

"Something new is happening." G. North. Mezhdunar. zhizn' 13 no. 8:93-100 '66.

UNITED STATES—SOCIAL SCIENCES

In search of new paths. I.A. Golosenko. Vop. filos. 20 no. 6:108-112 '64.

Present-day bourgeois sociology as a historically transitory form of social knowledge. N.V. Novikov. Vop. filos. 20 no. 6:102-106 '66.

UNITED STATES—STATISTICS, VITAL

American statistics of the social structure of the population of the U.S.A. A. Mel'nikov. Vest. stat. no. 7: 38-46 '66.

UNITED STATES—STRATEGY

Development of armaments and the strategic concepts of the U.S.A. V. Laktionov. Mir. ekon. i mezhdunar. otn. no. 6:74-81 '66.

UNITED STATES—TAXATION

In the interest of the monopoly capital of the U.S.A. E. Kuznetsova. Fin. SSSR 40 no. 5:79-82 My '66.

UNITED STATES—TRADE UNIONS

"Appropriated for the split...." I. Gorev. Sov. profsoyuzy 22 no. 13:41 JI '66.

UNITED STATES—WOMEN AND PEACE

We understood that the most important thing was.... Mary Clark. Nov. vrem. 24 no. 27:16-17 JI '66.

UNITS

Bringing the ventilation parameters into the International System of Units. K.A. Korepanov. Ugol' 41 no. 6: 62-64 Je '66.

UNIVERSAL DECIMAL CLASSIFICATION see Classification, Universal Decimal

UNIVERSITIES AND COLLEGES

(see also subdivisions under Italy; Kazan; Ukraine)
Komsomol members in the institutions of higher education will carry out the plans of the party. M.I. Zhuravleva. Vest. vys. shkoly 24 no. 5:3-9 My '66.

Party work in the institutions of higher education. V. Alchulov. Kommunist 43 no. 10:34-42 JI '66.

University students read scientific periodicals. A.A. Kiselev. Vest. vys. shkoly 24 no. 6:69-70 Je '66.

UNIVERSITIES AND COLLEGES—EXAMINATIONS

Examinations in the whole course and credit tests in practical training. B.O. Solonuts. Vest. vys. shkoly 24 no. 6:46-52 Je '66.

UNSATURATED COMPOUNDS

Behavior of some unsaturated hydrocarbons on a platinum catalyst. T.M. Belosladova, D.V. Sokol'skii. Elektrokhimia 2 no. 6:704-707 Je '66.

Condensation of unsaturated ketones of the Δ^3 -cyclohexane and cyclohexane series with acetoacetic ester. G.P. Kugatova-Sheniakina, V.I. Vidugirene. Zhur. org. khim. 2 no. 4:665-669 Ap '66.

Copolymers of unsaturated polyarylates containing side allyl groups with vinyl and allyl monomers. V.V. Korshak, S.V. Vinogradova, V.I. Kul'chitskii. Vysokom. soed. 3 no. 6:1080-1084 Je '66.

Interaction of nitrogen oxides with unsaturated compounds at low temperatures. G.B. Sergeev and others. Neftekhimia 6 no. 2:302-308 Mr.-Ap '66.

Polyamides from higher unsaturated dicarboxylic acids. O.I.A. Fedotova and others. Vysokom. soed. 3 no. 6: 1094-1097 Je '66.

UNSATURATED COMPOUNDS—SPECTRA

Infrared and ultraviolet spectra of conjugated enyne compounds. G.N. Gorskova and others. Zhur. fiz. khim. 40 no. 3:1157-1162 My '66.

UPPER ATMOSPHERE see Atmosphere, Upper

UPPER TULOMA HYDROELECTRIC POWER STATION

Settlement of the Upper Tuloma Hydroelectric Power Station. A. Antonov. Arkhit. SSSR no. 5:47-49 '66.

URACIL—PHYSIOLOGICAL EFFECT

Change in the sensitivity of bacterial cells to external agents caused by the incorporation of 5-bromouracil into their DNA. A.G. Skavronskaya, L.A. Zamechuk, V.N. Nizovtseva. Zhur. mikrobiol., epid. i immun. 43 no. 5:34-39 My '66.

URAL MOUNTAIN REGION—CHICKEN CHOLERA

Some data on the study of atypical forms of chicken cholera in the zone of the Southern Urals. F.N. Valeev. Trudy TVI 9:110-114 '65.

URAL MOUNTAIN REGION—DEFICIENCY DISEASES IN CATTLE

Study of carotene in cattle excrements in the biogeochemical province of the Southern Urals. A.A. Kapralov. Trudy TVI 9:172-175 '65.

URAL MOUNTAIN REGION—LAKES

State of the level of the trans-Ural lakes as a soil salinization indicator. M.A. Man'ko. Izv. Vses. geog. ob.-va 98 no. 3:255-259 My-Je '66.

URAL MOUNTAIN REGION—PINE

Variations of the color of generative organs in Scotch pine and their correlations with the morphological characters of the tree. S.A. Mamaev. Trudy inst. biol. UFAN SSSR no. 47:3-40 '65.

URAL MOUNTAIN REGION—SALINE AND ALKALI SOILS

State of the level of the trans-Ural lakes as a soil salinization indicator. M.A. Man'ko. Izv. Vses. geog. ob.-va 98 no. 3:255-259 My-Je '66.

URAL MOUNTAINS—CLIMATE

Stepanov, N.D. [Is the climate of the Urals changing?] Monografiia II klimat Urata. [Sverdlovsk] Sredne-Uralskoe knizhnoe izd-vo, 1964. 81 p.

URAL MOUNTAINS—COPPER MINES AND MINING

Experience in adopting blasting operations in mining at the Krasnogvardeysk mine. M.F. Kharebin. Dob. i obog. rud. tsvet. met. no. 3:21-24 '64.

URAL MOUNTAINS—GEOLOGICAL SOCIETIES

Work of the primary organization of the Scientific and Technical Mining Society of the Ural Hydrogeological Expedition. A.A. Sheiko, I.U.V. Nechaev. Razved. i okh. nedr. 32 no. 5:57-58 My '60.

URAL MOUNTAINS—MIAKITE

Rosenzon, B.M. [Origin of miaskites and rare-metal mineralization connected with them] Proiskhozhdenie miaskitov i svyaz' s nimi redkometal'nogo orudneniia. Moskva, Nedra, 1966. 173 p. (Geologiya mestorozhdenii redkikh elementov, no. 28)

URAL MOUNTAINS—ONOSMA

New species of Onosma (Onosma guberlinense Dobrocz. et Vinogr.) from the southern Ural mountain region. D.M. Dobrochaleva, V.M. Vinogradova. Ukr. bot. zhur. 23 no. 3:86-88 '66.

URAL MOUNTAINS—ORE DEPOSITS

Rosenzon, B.M. [Origin of miaskites and rare-metal mineralization connected with them] Proiskhozhdenie miaskitov i svyaz' s nimi redkometal'nogo orudneniia. Moskva, Nedra, 1966. 173 p. (Geologiya mestorozhdenii redkikh elementov, no. 28)

URAL MOUNTAINS—PINE

Some characteristics of the anatomical structure of the needles of Scotch pine in the Northern Urals. V.M. Iatsenko. Trudy inst. biol. UFAN SSSR no. 47:67-70 '65.

URAL MOUNTAINS—PLANTS, ORNAMENTAL

Ornamental forms of some shrubs in the Central Urals. T.R. Rii'. Trudy inst. biol. UFAN SSSR no. 47:71-77 '65.

URAL MOUNTAINS—POPLAR

Parallel variability in the genus Populus L. N.A. Konovalov, B.S. Koniakhin, F.R. Solov'eva. Trudy inst. biol. UFAN SSSR no. 47:59-62 '65.

URAL MOUNTAINS—WATER SUPPLY

Work of the primary organization of the Scientific and Technical Mining Society of the Ural Hydrogeological Expedition. A.A. Sheiko, I.U.V. Nechaev. Razved. i okh. nedr. 32 no. 5:57-58 My '66.

URAL'SK REGION—FOREST INSECTS

Pests of young forest improvement plantations in the Ural'sk region. I.A. Petrenko, E.S. Petrenko. Sbor. rab. MLTI no. 11:136-146 '64.

URAL-VOLGA PETROLEUM REGION see Second Baku

URANINITE see subdivision under Tuva A.S.S.R.

URANIUM

(see also subdivision under Gul'shad region, Kazakhstan)
Effect of irradiation on uranium-plutonium fuel. S.T. Konobeevskii. Atom. energ. 20 no. 5:528-530 Je '66.

Measurement of the uranium content based on gamma-ray emission in radiometric analyses of solutions and concentrates. V.S. Volvenkova. Zav. lab. 32 no. 5: 578-579 '68.

URANIUM COMPOUNDS—SPECTRA

Oscillatory structure of the ground level and excited levels of UO_2^{++} in $K_2[UO_2(CO_3)_3]$. D.S. Gorbunov, R.A. Zenkova. Opt. i spekt. 20 no. 5:842-847 My '66.

URANIUM FLUORIDES

Binary system $UF_4 - UO_2$. L.A. Khripin, L.A. Luk'ina. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1: 131-133 '66.

URANIUM ORES

Movement mechanism of hydrothermal solutions (by the example of uranium deposits). E.N. Baranov, S.V. Gri-gorian. Atom. energ. 20 no. 6:498-501 Je '66.

URANIUM OXIDES

Binary system $UF_4 - UO_2$. L.A. Khripin, L.A. Luk'ina. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1: 131-133 '66.

URANYL NITRATE

Infrared spectra of water in uranyl nitrate hydrates. A.V. Kariakin and others. Dokl. AN SSSR 168 no. 4: 817-820 Je '66.

Solubility isotherms in the systems $Th(NO_3)_4 - HNO_3 - H_2O$ and $UO_2(NO_3)_2 - Th(NO_3)_4 - (1,5)HNO_3 - H_2O$ at 25°C. A.V. Nikolaev, A.I. Riabinin, I.U.A. Afanas'ev. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1: 129-131 '66.

URANYL NITRATE—PHYSIOLOGICAL EFFECT

Effect of uranyl nitrate on hemolysis and hexokinase activity of anuclear erythrocytes. A.I. Fedorova. Lek. i ayr. res. Irk. obl. no. 4:197-198 '65.

URANYL SALTS

Extraction of uranyl salts by tri-n-octylamine oxide. V.G. Torgov and others. Dokl. AN SSSR 168 no. 4: 836-839 Je '66.

UREA

Effect of urea on enzymatic processes occurring in the rumen of cows. M.P. Kovalev. Khim. v sel'khoz. 4 no. 2:68-68 F '66.

Method for analyzing herbicides obtained on the basis of urea derivatives. S.M. Shogun, E.I. Kusnirovich. Khim. v sel'khoz. 4 no. 2:56-58 F '66.

UREA—SPECTRA

Spectral examination of urea crystals in polarized light. A. V. Nefedov, O. V. Fialkovskaya, Opt. i spektr. 20 no. 5:798-801 My '66.

UREA AS FEED

Effectiveness of the use of urea in feeding lactating cows. V. G. Gudilov, A. N. Tarasova, Izv. Kuzb. SKhN 17:236-243 '65.

Preparation of the mixture of molasses with urea. D. Tur'yan, Tekhn. sel'khoz. 25 no. 3:27-29 My '65.

Protein feeding to farm animals and the use of carbamide. D. V. Elpat'evskii, Uch. zap. Ped. inst. Gerts. 312:260-269 '66.

Results of the use of carbamide in feeding milk cows. R. Kh. Shapitov, Sbor. nauch. rab. stud. Sar. zootekh. -vet. inst. 3:85-89 '65.

Use of corn silage enriched with urea in feeding young cattle. E. A. Doronin, Sbor. nauch. rab. stud. Sar. zootekh. -vet. inst. 3:78-81 '65.

URETHANES

Swelling of polyurethanes. N. P. Apukhtina, E. G. Erenburg, L. A. Rappoport, Vysokom. soed. 8 no. 6:1057-1062 Je '66.

URETHANES—PHYSIOLOGICAL EFFECT

Effect of pillar cycles and preliminary administration of urethane on changes in the skin produced by beta radiation. E. N. Karnaukhova, V. S. Turasov, Arkh. anat., gist. i embriol. 50 no. 3:95-97 My '66.

URINARY CALCULI see Calculi, Urinary

URINARY ORGANS—MOTILITY

Changes in the motor capacity of the renal pelvis and the ureter in nephrolithiasis. A. Z. Gzrishtvili, Trudy Inst. eksp. i klin. khim. i gemat. AN Gruz. SSR 8:297-313 '59.

URINE—ANALYSIS AND PATHOLOGY

Effect of histamine and antidiuretic hormone on the diuresis and excretion of hyaluronidase by the kidney. M. S. Ilyumenskii, N. P. Kusekh, Biol. eksp. biol. i med. 61 no. 5:15-18 My '66.

Method for determining Po²¹⁰ in specimens of human urine. J. Tibor, T. Arpad, U. Aladar, Med. rad. 11 no. 5:56-60 My '66.

Study of urinary electrolytes as indices of the functional state of the adrenal cortex in young children with various forms of intestinal infection. M. M. Agazade, Azerb. med. zhur. 43 no. 4:40-46 Ap '66.

URINE—INCONTINENCE

Laskov, B. I. [Problems of enuresis] Problemy enureza. Izd. 2. Moskva, Meditsina, 1966, 288 p. (DNLM)

UROLOGY

Lymphography in urology. M. D. Dzhabadze, S. B. Imanverdiev, Azerb. med. zhur. 43 no. 4:13-23 Ap '66.

Perel'man, V. M. [X-ray diagnosis in urological practice] Rentgenologiya v urologicheskoi praktike. Moskva, Tsent. in-t usovershenstvovaniia vrachei, 1966, 50 p. (DNLM)

USATENKO, IURII IVANOVICH, 1906-

Iurii Ivanovich Usatenko; on his sixtieth birthday. Zhur. anal. khim. 21 no. 5:645-646 '66.

USPENSKII, GLEB IVANOVICH, 1843-1902

Smirnov, V. B. [Gleb Uspenskii and Saitkov-Shechedrin; G. I. Uspenskii in the "Otechestvennye zapiski"] Gleb Uspenskii i Saitkov-Shechedrin; G. I. Uspenskii v "Otechestvennykh zapiskakh," [Saratov] Izd-vo Saratovskogo univ., 1964, 137 p. (CU)

USTINOV, DMITRII FEDOROVICH, 1908-

D. F. Ustinov, V. I. Skorodumov. Soob. Inst. po izuch. SSSR no. 4:77-79 '65.

USTYURT—GEOLOGY, STRUCTURAL

Some characteristics of the deep geological structure of the southern Ustyurt and northern Kara Kum. V. V. Ishtin, E. S. Markarov, R. I. Abramson, Neftgaz. geol. i geofiz. no. 5:19-22 '66.

UTERINE HEMORRHAGE see Hemorrhage, Uterine

UTERUS—BLOOD SUPPLY

Blood supply of the uterus in sheep. N. F. Safonov, Izv. Kuzb. SKhN 17:220-225 '65.

UTERUS—CANCER

Changes in the phagocytic activity of the leucocytes in patients with cancer of the cervix uteri following radiotherapy. N. M. Sokolova, L. Z. Kichikov, E. K. Siridzhinskaya, Vop. onk. 12 no. 6:32-35 '66.

Local complications in radiotherapy of patients with cancer of the cervix uteri. S. V. Strutsinskaya, Vop. onk. 12 no. 6:26-31 '66.

UTERUS—INNERVATION

Mechanisms of interreception of the uterus. L. I. Lebedeva, Trudy Inst. fiziol. 11:213-224 '65.

UZBEKISTAN—COLLECTIVE FARMS—FINANCE

Proportions between accumulation and consumption on collective farms. S. S. Nasreddinova, Trudy INKH no. 28:91-107 '65.

UZBEKISTAN—ECONOMIC ASSISTANCE, DOMESTIC

Gentshke, L. V. [Patronage aid of the workers of Uzbekistan to the kishlaks, 1924-1930] Shefstvo rabochikh Uzbekistana nad kishlakom, 1924-1930 gg. Tashkent, Izd-vo SamGU, 1963, 151 p. (Tashkent. Universitet. Nauchnye trudy, no. 227. Istoricheskie nauki, no. 40)

UZBEKISTAN—GAS, NATURAL—GEOLOGY

New geochemical data on the nature of petroleum and gas in the carbonate formation of the Upper Jurassic in western Uzbekistan. Sh. Kh. Amirhanov, M. Kh. Arifdzhonov, Kh. K. Kasymov, Neftgaz. geol. i geofiz. no. 5:23-30 '66.

UZBEKISTAN—HORSEFLIES

Effect of Scellonidae on the abundance of horseflies. A. S. Lutta, Trudy Inst. zool. AN Kazakh. SSR 25:115-120 '66.

UZBEKISTAN—PETROLEUM GEOLOGY

New geochemical data on the nature of petroleum and gas in the carbonate formation of the Upper Jurassic in western Uzbekistan. Sh. Kh. Amirhanov, M. Kh. Arifdzhonov, Kh. K. Kasymov, Neftgaz. geol. i geofiz. no. 5:23-30 '66.

UZBEKISTAN—SELENIUM

Selenium and tellurium distribution in the sulfides of the tungsten-molybdenum deposits in the Zirabulak and Nuratau Mountains. M. I. Ismailov, Geokhimiia no. 10:1067-1069 O '64.

UZBEKISTAN—STATE FARMS—ACCOUNTING

For rural trade-union activist workers about business accounting] Sel'skoiu profektiva o khozishvennom raschete. [Moskva] Profizdat, 1964, 39 p. (Biblioteka sel'skogo proizvolnogo aktivista, no. 6 (30))

UZBEKISTAN—TELLURIUM

Selenium and tellurium distribution in the sulfides of the tungsten-molybdenum deposits in the Zirabulak and Nuratau Mountains. M. I. Ismailov, Geokhimiia no. 10:1067-1069 O '64.

UZHOROD—HIGHWAY TRANSPORT WORKERS

Outstanding competitor. N. Korshinskii, Avi. transp. 44 no. 6:5 Je '66.

VACATIONS

Some results of the "fifth quarter." S. Ziganshin, D. Iakovleva, Nar. obr. no. 6:61-66 Je '66.

VACCINES

Comparative study of immunological indices in rabbits immunized with typhoid culture and alcohol mono-vaccine. M. E. Blant, Zhur. mikrobiol., epid. i immun. 43 no. 5:40-52 My '66.

Effectiveness of combined treatment of progressive paralysis with penicillin and tetracycline. A. G. Brednev, N. V. Kallenskii, Zhur. nevro. i psikh. 60 no. 5:768-772 '66.

Research of a dry tableted typhoid vaccine for enteral immunization. A. N. Meshalova and others, Zhur. mikrobiol., epid. i immun. 43 no. 5:137-139 My '66.

Significance of regional lymph nodes in the immunogenesis of rabbits immunized with dry live brucella vaccine. V. S. Stepin, Zhur. mikrobiol., epid. i immun. 43 no. 5:93-98 My '66.

VACCINIA

Outbreak of vaccinia. I. B. Otaraev, B. S. Nagoev, M. Kh. Aguzarova, Zhur. mikrobiol., epid. i immun. 43 no. 5:143-145 My '66.

VACUUM APPARATUS

Glass high-temperature vacuum cell for studying infrared spectra of molecules adsorbed on solids. L. I. Lafer, V. I. Iakerson, Zhur. prikl. spektr. 4 no. 5:468-470 My '66.

VACUUM GAUGES

Bulyga, A. V. [Semiconductor thermoelectric vacuum meters] Poluprovodnikovye termoelektricheskie vakuummetry. Moskva, Energiia, 1966, 151 p. (Biblioteka po avtomatike, no. 177)

Device for checking and controlling low-pressure manometers and manovacuum gauges. Transp. i khran. nefit i nefteprod. no. 3:35-36 '65.

VACUUM METALLURGY

Calculation of the vacuum distillation of alloys. Part 1. B. I. Kildarov, Zhur. fiz. khim. 40 no. 5:1131-1134 My '66.

VACUUM TECHNOLOGY

Exhibition of high-vacuum equipment. M. A. Shvarts, Vest. mashinostr. 46 no. 6:91 Je '66.

VAKHSH VALLEY—IRRIGATION

Capillary fringe of ground waters and the regulation of moisture conditions of soils in the Karakumskiy area of the Vakhsh Valley. A. I. Ildeshev, Trudy Tadzh. sel'khoz. inst. 7:132-141 '65.

VALAAM ISLAND—LIGHTNING

Results of observations on lightning discharges in Vaygorkovo and on Valaam Island in 1964. K. A. Semenov, Trudy GGO no. 106:21-23 '66.

VALENCE (THEORETICAL CHEMISTRY)

Approximate dependence between the energy characteristics of valency state of atoms and their effective charges in diatomic molecule with an ordinary bond. V. S. Urusov, Zhur. struk. khim. 7 no. 2:245-251 Mr-Apr '66.

VALUE

Leont'ev, L. A. [Plan and value] Plan i stolnost'. Moskva, Ekonomika, 1965, 31 p. (Reshenia sentral'nogo plenuma TsK KPSS - v zhizni)

VALVES

Device for use as a temporary end cap for hollow elements. Transp. i khran. nefit i nefteprod. no. 4:34-35 '65.

Solenoid valve. M. M. Shumail, Khim. i khand. prom. 10 no. 5:36-37 My '66.

Study of the damage of cone safety valve balls. R. M. Gofman, G. N. Ponomareva, Energetik 14 no. 6:7-9 Je '66.

Unflow valves for piston compressors. N. I. Riabov and others, Prom. energ. 21 no. 5:10-14 My '66.

VANADIUM

Effect of vanadium on the structure and superconductive properties of niobium-zirconium alloys. E. M. Savitskii, V. V. Baron, D. V. Efimov, Izv. AN SSSR, Met. no. 3:156-166 My-Je '66.

VANADIUM COMPOUNDS

Oxidation of dicyclopentadienylvanadium tetrachloride. S. Ia. Skachkova, A. V. Savitskii, R. Ia. Vaskina, Zhur. ob. khim. 36 no. 6:1059-1060 Je '66.

VANADIUM FLUORIDES

Mass spectrometric determination of the composition and vapor pressure of vanadium trifluoride. L. N. Sidorov and others, Zhur. fiz. khim. 40 no. 5:1151-1154 My '66.

VANADIUM-IRON ALLOYS see Iron-vanadium alloys

VANADIUM OXIDES

Effect of vanadium oxides on the activity of chromium oxide catalyst of polymerization. N. A. Dantlova and others, Azerb. khim. zhur. no. 3:136-138 '66.

VANADIUM-TANTALUM ALLOYS—METALLOGRAPHY

Effect of niobium on transformation in alloys of the system vanadium - tantalum in the solid state. A. T. Grigor'ev and others, Izv. AN SSSR, Met. no. 3:133-142 My-Je '66.

VAPOR-LIQUID EQUILIBRIUM

Liquid - vapor equilibrium in the three-component system cyclohexane - benzene - carbon tetrachloride. N. V. Lotvina, O. P. Kovalev, Vest. LGU 21 no. 10:91-96 '66.

Liquid-vapor phase equilibria in the system lactic acid - acrylonitrile at various pressures. N. M. Sokolov, N. N. Selezneva, N. M. Zhavoronkov, Zhur. fiz. khim. 40 no. 5:1066-1090 My '66.

VAPOR PRESSURE

Electric conductivity of oxides as dependent on oxygen partial pressure. V. N. Chebotin, Z. B. Vokshenkova, S. P. Pad'guv, Trudy Inst. elektrokhim. UFA SSSR no. 7:133-145 '65.

Mass spectrometric determination of the composition and vapor pressure of vanadium trifluoride. L. N. Sidorov and others, Zhur. fiz. khim. 40 no. 5:1151-1154 My '66.

Pressure and composition of saturated vapor in binary systems with chemical interaction of components in the vapor phase. Part 5. N. I. Aiyun-Agaev, Zhur. fiz. khim. 40 no. 5:992-998 My '66.

Pressure and composition of vapor in the system LiCl - CuCl. A. V. Tarasov, A. B. Pospelov, G. I. Novikov, Vest. LGU 21 no. 10:87-105 '66.

VARIABLE STARS see Stars, Variable

VARNISH AND VARNISHING

Semiautomatic line for varnishing panel furniture. I. K. Stankovskii, Der. prom. 15 no. 5:20-23 My '66.

VARSILAVANS, FRANCISK, 1808-

Lapins, A. [Francisks Varsilavans; his life and work] Francisks Varsilavans; dzive un darbs. Riga, Liscma, 1965, 40 p., 48 plates. [In Latvian]

VASICINE—PHYSIOLOGICAL EFFECT

Effect of pegantho on the motor and secretory function of the gastrointestinal tract. M. I. Rabnovich, I. G. Parlik, Trudy TVI 8:79-83 '65.

VASIL'EV, ILIARION ROMANOVICH

One out of twenty-eight. P. Mironov. Voen. znan. 42 no. 6:29 Je '66.

VASIL'EV, LEONID LEONIDOVICH, 1891-1906

Prominent Soviet physiologist; in memory of Leonid Leonidovich Vasil'ev. Vest. LGU no. 9:150-151 '66.

VASIL'CHENKO, STEPAN VASIL'OVYCH, 1878-1932

Hrushevskiy, I. L. [S. V. Vasil'chenko's pedagogic activity and works] Pedagogicheskii dlia 'nisi i pedagogicheskii poilitadi S. V. Vasil'chenka. Kyiv, Radlans'ka shkola, 1961. 61 p. (U)

VATICAN COUNCIL, 1963-1965

After the Vatican Council. A. Kazem-Bek. Zhur. Mosk. Patr. no. 4:64-73 '66.

VAVILOV, SERGEI IVANOVICH, 1891-1951

Outstanding scientist and patriot; 75th anniversary of S. I. Vavilov's birth. Vest. AN SSSR 36 no. 6:191-195 Je '66.

VECTON ANALYSIS

Liber, A. E., and N. F. Rzhikhina. [Fundamentals of vector analysis] Osnovy vektornogo analiza. [Saratov] Izd-vo Saratovskogo univ., 1966. 82 p.

VEGETABLE BREEDING--CONGRESSES

Vesoluznyi seminar po metodike selektsii i semenovodstva ovoshchnykh kul'tur. Leningrad. [Methodology of the breeding and seed production of vegetable crops; materials] Metodika selektsii i semenovodstva ovoshchnykh kul'tur; materialy. Pod obshch. red. D. D. Brezhneva. Leningrad, Koles, 1964. 311 p. (DNAL)

VEGETABLE JUICES

Electric methods of extracting juices from vegetable raw materials. E. V. Rastet'ko, A. A. Mamakov. Elek. obr. mat. no. 3:71-76 '65.

VEGETABLE TRADE see subdivision under Voronezh Province

VEGETABLES--FERTILIZERS AND MANURES see subdivision under Kuybyshev Province

VEGETABLES--GRADING

Several suggestions. I. Kuznetsov. Zakup. sel'khoz. prod. no. 5:38-39 My '66.

VEGETABLES--STORAGE

Efficient organization of potato and vegetable storage. Sov. torg. 39 no. 6:46 Je '66.

VENOM--PHYSIOLOGICAL EFFECT

Study of the general effect and toxicity of the venom of Vipera ursini. V. K. Luzhinskii, S. R. Semenov. Lek. i syr. res. Irk. obl. no. 4:162-164 '65.

Study of the general effect and toxicity of the venom of vipers of the Ametodon genus. V. K. Luzhinskii, S. R. Semenov. Lek. i syr. res. Irk. obl. no. 4:158-161 '65.

VENUS (PLANET)

Measurements of the brightness temperature and polarization of the radio emission of Venus on the 3.75 cm. wave length. A. D. Kuz'min, U. Dent. Astron. zhur. 43 no. 3:692-694 My-Je '66.

VERKHOYANSK RANGE--GEOLOGY

Geological interpretation of Mesozoic sediments in the Western Verkhoyansk Range. N. A. Susarova. Trudy VNGRI no. 237:192-199 '64.

VERKHOYANSK RANGE--GEOLOGY, STRATIGRAPHIC

Stratigraphy of Lower Cretaceous sediments in the central part of the Western Verkhoyansk Range. I. U. L. Slanetsov. Trudy VNGRI no. 237:177-191 '64.

Stratigraphy of Mesozoic sediments in the northwestern margin of the Kelt Trough in the Western Verkhoyansk Range. I. U. L. Slanetsov, N. A. Susarova. Trudy VNGRI no. 237:200-210 '64.

VERKHOYANSK RANGE REGION--GAS, NATURAL--GEOLOGY

Prospects for finding oil and gas in Mesozoic sediments in the western part of the Verkhoyansk Range region. D. P. Sidorov, L. A. Grubov. Trudy VNGRI no. 237:103-112 '64.

VERKHOYANSK RANGE REGION--PETROLEUM GEOLOGY

Prospects for finding oil and gas in Mesozoic sediments in the western part of the Verkhoyansk Range region. D. P. Sidorov, L. A. Grubov. Trudy VNGRI no. 237:103-112 '64.

VERMICULITE see subdivision under Kola Peninsula

VERNALIZATION

Shifts of the isoelectric point of the cytoplasm, nucleus, and nucleolus in the vegetative cones of wheat during seed vernalization. L. P. Cheltsova, N. I. Lebedeva. Fiziol. rast. 13 no. 3:525-527 My-Je '66.

VERTEBRAL ARTERY--WOUNDS AND INJURIES

Traumatic aneurysm of the vertebral artery. K. D. Eristavi, A. R. Gvanchava. Trudy Inst. eksp. i klin. khir. i genat. AN Gruz. SSR 8:93-102 '65.

VESELOVSKOYE RESERVOIR--WATER--COMPOSITION

Content and dynamics of organic and biogenous substances in the Veselovskoye Reservoir. V. G. Datsko, V. L. Vasil'eva. Gidrokhim. mat. 39:91-105 '65.

VES'YEGONSK REGION (KALININ PROVINCE)--COMMUNIST EDUCATION

Educate to the love of the land. E. Aletina. Agitator no. 16:35 Ag '64.

VETERINARY EMBRYOLOGY

Chemical composition of swine embryos. L. O. Shevchenko. Nauk. pratsi zootekh. fak. UASIN 15 no. 2: 64-68 '61.

Growth and development of internal organs, tissues, and some systems of the organism of cattle during the embryonic and postembryonic periods. N. G. Karmanov. Izv. Kub. SKH 17:237-266 '65.

VETERINARY HEMATOLOGY

Clinical and hematological changes in experimental fusariosis in swine. N. A. Akulin. Izv. Kub. SKH 17:231-256 '65.

Morphological changes in the blood in listeriosis of sheep. V. I. Gershin. Trudy TVI 9:152-154 '65.

Relation of the color index of the blood of geese to the quantity of erythrocytes and their saturation with hemoglobin. N. K. Zhvaiova. Trudy TVI 9:192-195 '65.

Sedimentation rate of geese erythrocytes in inclined pipettes. V. M. Sen'kin. Trudy TVI 9:196-199 '65.

VETERINARY HISTOLOGY

Histological structure of the muscles of purebred swine and of the offspring of swine crossed for market production. A. I. Ilov, N. G. Lebedeva. Vest. sel'khoz. nauki [Kazakh. i] 9 no. 5:33-40 My '66.

VETERINARY IMMUNOLOGY

Development of optimal conditions for the purification of the laphulized virus of foot-and-mouth disease. A. P. Prostakov and others. Vop. vet. virus. 2:24-30 '66.

Immunogenic relationship of viruses of infectious laryngotracheitis of poultry and fowl pox. M. T. Prokof'eva, E. I. Gurava, A. V. Kachakhidze. Vop. vet. virus. 2:615-617 '66.

Postinfection and postvaccination immunity of sheep in foot-and-mouth disease. V. K. Murav'ev, V. P. Chufriev. Vop. vet. virus. 2:455-463 '66.

Precipitating activity of serum protein fractions in foot-and-mouth disease. A. I. Dudnikov and others. Vop. vet. virus. 2:469-475 '66.

VETERINARY INSTRUMENTS AND APPARATUS

Improved needle used in obtaining bone marrow. M. I. Matochkin. Trudy TVI 9:165-167 '65.

VETERINARY MEDICINE

Diagnosis of diseases of the extremities in cattle and horses with the aid of the kymographic method. G. I. Chirkov. Trudy TVI 9:158-164 '65.

VETERINARY MEDICINE--FORMULAE, RECEIPTS, PRESCRIPTIONS

Artemichov, M. A. [Prescription manual on poultry diseases] Recepturnyi spravochnik po bolezniam ptits. Moskva, Koles, 1966. 151 p. (DNAL)

VETERINARY PARASITOLOGY see subdivision under Buryat A. S. S. R.

VETERINARY PHYSIOLOGY

Slonim, A. D. [Physiology of thermoregulation and the thermal adaptation of farm animals] Fiziologiya termoregulatsii i termicheskoi adaptatsii u sel'skokhoziaistvennykh zhivotnykh. Moskva, Nauka, 1966. 144 p. (DNAL)

Some results achieved and problems of further study of minerals in zootechny and veterinary medicine. E. F. Dymko, A. K. Rosilskov. Vest. AN Kazakh. SSR 22 no. 6:8-12 Je '66.

VETERINARY SURGERY

Method of obtaining a bone marrow punctate in sheep. M. I. Matochkin. Trudy TVI 9:185-191 '65.

VETERINARY TOXICOLOGY

Poisoning of farm animals by zinc phosphide. V. S. Ivanov. Shor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3: 13-17 '65.

VIBRATION

Sekhnasivili, E. [Vibrations of elastic systems] Kolebania uprugikh sistem. Tbilisi, Sabchota Sakartvelo, 1966. 546 p.

Zhilonitskiy, V. K. [Mechanical vibrations and practice in eliminating them] Mekhanicheskie kolebania i praktika ikh ustraneniia. Moskva, Mashinostroenie, 1966. 174 p.

VIBRATION--PHYSIOLOGICAL EFFECT

Effect of vibration as a factor associated with space flights on the lysogenic structure of Escherichia coli K-12 (A). N. I. Rybakov, V. A. Kozlov. Biol. eksp. biol. i med. 61 no. 5:64-67 My '66.

VIDGAL'M, IGNATII MARTYNOVICH, 1835-1903

Ignatii Martynovich Vidgal'm, 1835-1903. T. M. Gol'd, Ent. oboz. 45 no. 2:357-460 '66.

VIENNA--ORTHODOX EASTERN CHURCH

News from the Orthodox Church in Vienna. M. Razumovskaya. Zhur. Mosk. Patr. no. 5:23-25 '66.

VIETNAM--HISTORY

Burchett, Wilfred G. [Under the canopy of the jungles. Translated from the English] Pod sen'iu dzhunglei. Moskva, Pravda, 1965. 46 p. (Biblioteka Ogoniek, no. 40) (MH)

VIETNAM, NORTH--MILITARY ASSISTANCE, RUSSIAN

Vietnam Days. Nov. vrem. 24 no. 30: 1-2 Ji '66.

VIETNAM, NORTH--TECHNICAL ASSISTANCE, RUSSIAN

On a nameless hill. I. Andronov. Nov. vrem. 24 no. 33: 28-30 Ag '66.

VIETNAM, SOUTH--LAND TENURE

For freedom and land. Nguyen Khoai An. Mezhdunar. zhizn' 13 no. 6:87-90 '66.

VIETNAM, SOUTH--MILITARY ASSISTANCE, AMERICAN see Vietnamese War

VIETNAM, SOUTH--POLITICS AND GOVERNMENT

Crisis of the Saigon regime. Z. Mirskii. Nov. vrem. 24 no. 32:21-22 Ag '66.

The military junta of South Vietnam. V. L'vov. Mezhdunar. zhizn' 13 no. 7:134-136 '66.

VIETNAMESE ART see Art, Vietnamese

VIETNAMESE WAR

The aggressors will not escape punishment! Tran-cong-Chuong. Mezhdunar. zhizn' 13 no. 7:71-74 '66.

Americans and the Vietnamese War; a letter to the editor. F. Rose. Nov. vrem. 24 no. 27:17 Ji '66.

A "black book." Nov. vrem. 24 no. 33:3-4 Ag '66.

Conference of the states of the Warsaw Pact. Nov. vrem. 24 no. 26:1-3 Ji '66.

Documentary material prepared by the Committee for the Denunciation of American War Crimes in Vietnam. Nov. vrem. 24 no. 33:33-40 Ag '66.

Escalation of the war in Vietnam and the antiworking class policy in the U. S. A. G. Tarasova. Mir, ekon. i mezhdunar. otn. no. 6:95-98 '66.

For freedom and land. Nguyen Khoai An. Mezhdunar. zhizn' 13 no. 6:87-90 '66.

Great Britain: In bondage of false conceptions. M. Kobrin. Nov. vrem. 24 no. 30:18-19 Ji '66.

Guests of the 23rd Congress of the CPSU speak. Az. i Afr. seg. 10 no. 7:5 Ji '66.

Ho-chi-Minh about the situation in the country and the struggle of his people; an interview. I. Andronov. Nov. vrem. 24 no. 28:6-8 Ji '66.

In a circle of nationwide resistance. E. Makukhin. Sov. profsoyuz 22 no. 12:32-35 Je '66.

Italy: Strange shyness. V. Ralskii. Nov. vrem. 24 no. 30:10-20 Ji '66.

Japanese rear of the American aggression. V. Dal'nov. Nov. vrem. 24 no. 28:16-18 Ji '66.

Just cause of the Vietnamese people will triumph. V. Zolentsov. Kommunist 43 no. 10:112-116 Ji '66.

Keep aggressors in check and preserve peace! N. P. Iliashov. Kommunist 43 no. 11:89-97 Ji '66.

Life under the bombs. I. Andronova. Nov. vrem. 24 no. 31:27-29 Ji '66.

Military operations in South Vietnam. Nov. vrem. 24 no. 30:13-14 Ji '66.

On a nameless hill. I. Andronov. Nov. vrem. 24 no. 33: 28-30 Ag '66.

On the banks of the Mekong River. I. Shatalov. Mezhdunar. zhizn' 13 no. 8:83-92 '66.

A powerful manifestation of unity and solidarity. Part. zhizn' no. 14:8-10 Ji '66.

"Revolt of reason." I. U. Svedkov. Mezhdunar. zhizn' 13 no. 6:44-52 '66.

The situation in South Vietnam. A. Leont'ev. Nov. vrem. 24 no. 26:7-9 Je '66.

VIETNAMESE WAR (Continued)

- "Something new is happening." G. North. *Mezhdunar. zhizn'* 13 no. 8:93-100 '66.
- Stop playing with fire. N. Agaiants. *Agitator* no. 16:57 Ag '64.
- The theory of "strategic persuasion" and the practice of military brigandage. B. Teplinskii. *Nov. vrem.* 24 no. 32:4-6 Ag '66.
- The tragedy of Phat Diem. I. Andronov. *Nov. vrem.* 24 no. 29:26-28 JI '66.
- Uneasiness in the rear of the aggressors in the U.S.A. V. Nazarevskii. *Mezhdunar. zhizn'* 13 no. 8:60-69 '66.
- Vietnam Days. *Nov. vrem.* 24 no. 30:1-2 JI '66.
- Vietnam is in our hearts; a photomontage. Vsem. prof. dvizh. no. 3:16-17 My '66.
- War and the golden rain. T. T. Sarapkina. *Az. i Afr. seg.* 9 no. 6:26-27 Je '66.
- The war in Vietnam and the "global strategy" of Washington. I. U. Bockharev. *Kommunist* 43 no. 11:110-112 JI '66.
- Washington's infamy. *Nov. vrem.* 24 no. 28:1-3 JI '66.

VIETNAMESE WAR—FOREIGN PUBLIC OPINION

- Revolt of the left wing in Westminster. M. Kobrin. *Nov. vrem.* 24 no. 29:18-20 JI '66.
- William Kristensen's declaration. E. Vorob'ev. *Nov. vrem.* 24 no. 30:14 JI '66.

VIETNAMESE WAR—PUBLIC OPINION

- Appeal to the leaders of the land churches in the Federal Republic of Germany. *Zhur. Mosk. Patr.* no. 4:32 '66.
- Peoples demand: hands off Vietnam! E. Makukhin. *Sov. profsoiuzy* 22 no. 10:37-39 My '63.
- Resolution of the Working Committee of the Christian Peace Conference on Vietnam (Prague, March 25, 1965). *Zhur. Mosk. Patr.* no. 4:30-31 '66.

VILLAGE COMMUNITIES see subdivision under Thailand

VILLAGES see subdivision under Kuban; Osh Province

VILNIUS—ARCHITECTURE

- "Old city" of Vilnius. I. G. Iamzha. *Arkhitekt. SSSR* no. 5:53-55 '66.

VILNIUS—PUNCHED CARD SYSTEMS—EQUIPMENT AND SUPPLIES

- Set of reducer cap removers of a punching mechanism for punched card machines (the "Schetmash" Plant, Vilnius). I. Balabanov. *Shor. inform. mat. Glav. upr. vych. rab.* no. 3:54-57 '63.

VIMBA

- Repeated utilization of vimba breeders. I. T. Safonov. *Ryb. khoz.* 42 no. 5:19-20 '66.

VINE CROPS

- Structure of the leaf, internode, and node in some species of the family Cucurbitaceae. T. M. Dugaeva. *Uch. zap. Ped. inst. Gerts.* 310 287-289 '66.

VINITSIA PROVINCE—CONCRETE PLANTS

- High-production plant manufacturing precast reinforced concrete. K. Okalenko, L. Vilents. *Sti. bud.* 14 no. 11:14-15 N '64.

VINITSIA PROVINCE—CRIME PREVENTION

- The work of courts in the field of crime prevention. F. Torshtat'ko. *Rad. pravo* 29 no. 6:37-40 Je '66.

VINITSIA PROVINCE—FARM MECHANIZATION

- Actively propagandize the new and advanced. *Agitator* no. 16:3-5 Ag '64.

VINYL ACETATE

- Advanced methods in the production of vinyl acetate. G. Kostanian, L. Ustian. *Prom. Arm.* 9 no. 6:56-59 '66.

VINYL ALCOHOL POLYMERS

- Crystallization of polyvinyl alcohol during gel formation. S. P. Papkov and others. *Vysokom. soed.* 8 no. 6:1035-1039 Je '66.
- Elastic and relaxation characteristics of polyvinyl alcohol fibers. A. M. Stalevich and others. *Izv. vys. ucheb. zav.; tekhn. iek. prom.* no. 2:69-77 '66.

VINYL COMPOUND POLYMERS—THERMAL PROPERTIES

- Estimation of the thermal resistance of polyvinyl chloride and of effectiveness of heat stabilizers. K. S. Minsker and others. *Vysokom. soed.* 8 no. 6:1028-1034 Je '66.

VINYL COMPOUNDS

- β -Phosphinated vinyl esters of carboxylic acids. G. B. Postnikova, A. S. Kostuk, I. F. Lutsenko. *Zhur. ob. khim.* 36 no. 6:1129-1133 Je '66.

Determination of alkenyl derivatives of naphthalene in the process of liquid-phase oxidation of alkyl-naphthalenes. A. P. Kreshkov and others. *Neftekhimika* 6 no. 2:329-332 Mr-Apr '66.

Experimental investigation of the dehydrochlorination of dichloroethane for the production of vinyl chloride in a reactor with a stationary catalyst bed. M. F. Nagiev and others. *Azerb. khim. zhur.* no. 2:41-47 '64.

Structure and reactivity of some vinyl aromatic monomers in initiated polymerization. A. V. Chernobai, Zh. S. Tirkhants, R. I. A. Dellatitskaia. *Vysokom. soed.* 8 no. 6:997-1002 Je '66.

VINYL ETHERS

Copolymerization of vinyl alkyl ethers. A. M. Khomutov, A. P. Alimov. *Vysokom. soed.* 8 no. 6:1069-1072 Je '66.

Dialkylaminomethoxy-substituted vinyl ethers. M. F. Shostakovskii and others. *Zhur. org. khim.* 2 no. 4:597-600 Ap '66.

VINYL POLYMERS

Use of dry cable terminal seals made from a polyvinyl chloride tape (decision E-1/66). *Prom. energ.* 21 no. 5:51 May '66.

VINYL POLYMERS—DIELECTRIC PROPERTIES

Study of molecular motion in polydivinyl acetals by the dielectric methods. G. P. Mikhailov, T. I. Borisova, A. S. Nigmankhodzaev. *Vysokom. soed.* 8 no. 6:991-996 Je '66.

VIROLOGY

(see also subdivision under Ukraine)

Encephalitic and myelitic syndromes of enteroviral etiology in children. I. M. Sysoeva, E. I. Iampol'skaia. *Zhur. nevro. i psikh.* 66 no. 7:972-976 '66.

Epidemiological and virological characteristics of an influenza outbreak in Western Siberia. T. A. Sivachenko and others. *Voen.-med. zhur.* no. 12:50-53 D '65.

Symplasmotrophic activity of the Venezuelan horse encephalomyelitis virus. F. I. Ershov. *Biokh. i med. biol. med.* 61 no. 5:87-89 My '66.

VIROLOGY—TECHNIQUE

Determination of the effectiveness of destruction of viruses by the use of tissue cultures. M. A. Zolotarevskii. *Voen.-med. zhur.* no. 12:47-50 D '65.

VIRUS DISEASES

Significance of virus infections in intrauterine pathology. V. D. Solov'ev. *Vest. AMN SSSR* 21 no. 6:53-57 '66.

VIRUS DISEASES OF PLANTS

Akademii nauk SSSR. Dal'novostochnyi filial, Vladivostok. Biologo-pochvennyi institut. [Virus diseases of potatoes] Virusnye bolezni kartofelia. Moskva, Nauka, 1966, 211 p. (DNAL)

Effect of some virus diseases on the yield and quality of potatoes in mountain areas. Z. N. Eliseeva, E. D. Korzunova. *Vest. sel'khoz. nauk [Kazakh.]* 9 no. 6:33-36 Je '66.

Insects, carriers of the virus diseases of potatoes, in Kuybyshev Province. B. S. Gernatnov. *Izv. Kulb. SKH* 17:158-162 '65.

Virus diseases and their effect on the seed quality of potatoes. I. U. A. Leont'eva. *Izv. Kulb. SKH* 17:166-173 '63.

VIRUS RESEARCH

Use of dispersion analysis in statistical processing of virological data. R. F. Gagina, I. A. Chistiakov, V. I. Riabov. *Vop. vet. virus.* 2:150-151 '66.

VIRUSES

Akademii nauk SSSR. Nauchnyi sovet po problemam molekularnoi biologii. [Molecular principles of the biology of viruses] Molekuliarnye osnovy biologii virusov. Moskva, Nauka, 1966, 400 p.

Inclusion of host antigens into the structure of viruses. Z. I. Rovnova. *Usp. sov. biol.* 61 no. 3:415-425 My-Je '66.

Isolation of cytopathogenic agents from the intestinal contents of swine. L. M. Limbina. *Vop. vet. virus.* 2:124-128 '66.

Structure of DNA isolated from silkworms infected with nucleic polyhedrosis virus. A. V. Chystakova, H. M. Dobrovolska, I. P. Kok. *Dop. AN URSSR* no. 5:843-846 '66.

Thermoresistance and hemagglutinative activity of smallpox viruses. V. V. Gumenkov, V. N. Sturin. *Vop. vet. virus.* 2:388-391 '66.

VIRUSES—CULTURES AND CULTURE MEDIA

Adaptation of the hog cholera virus to chicken embryos. A. S. Grishenkova and others. *Vop. vet. virus.* 2:610-619 '66.

Adaptation of the type O foot-and-mouth disease virus to the culture of rabbit kidney cells. V. T. Nogina. *Vop. vet. virus.* 2:352-359 '66.

Attenuation of the type SAT-1 foot-and-mouth disease virus in a culture of transmissible SIVEX cells. T. E. Kalugina and others. *Vop. vet. virus.* 2:368-371 '66.

Attenuation of the type SAT-1 foot-and-mouth disease virus in the organism of rabbits and in the culture of primary trypsinized cells of a rabbit's kidney. V. P. Gantsev and others. *Vop. vet. virus.* 2:360-368 '66.

Characteristics of the growth of transmissible cells of a swine embryo kidney and the multiplication of the foot-and-mouth disease virus in them. S. Kh. Khaertynov, K. S. Kulikova. *Vop. vet. virus.* 2:357-264 '66.

Comparative cytopathology of tissue cultures infected by the foot-and-mouth disease virus. F. V. Smolkov, G. P. Kornilevskaya, T. S. Lavrova. *Vop. vet. virus.* 2:380-292 '66.

Cultivation of the Auda-1 type foot-and-mouth disease virus in the tissue cultures of kitten and rabbit kidneys. M. B. Karpovich, A. I. Alekseenko, T. I. A. Shustukina. *Vop. vet. virus.* 2:388-395 '66.

Cultivation of the SAT-1 type foot-and-mouth disease virus in the tissue culture of a rabbit's kidney and the study of its immunobiological properties. S. I. Vohov, L. A. Zhidkova, L. I. Motuzkin. *Vop. vet. virus.* 2:293-297 '66.

Cultural-morphological and immunobiological properties of avian strains of the chicken and pigeon types of the fowl pox virus. L. G. Gritina and others. *Vop. vet. virus.* 2:591-601 '66.

Cytopathogenic action of the virus of duck hepatitis in the tissue culture of its natural host. I. Skovmanova. *Vop. vet. virus.* 2:631-632 '66.

Dynamics of the penetration of the foot-and-mouth disease virus tagged with radioactive phosphorus (32 P) into tissue culture cells. A. A. Akhunov, A. I. A. Shustukina, I. A. Chistiakov. *Vop. vet. virus.* 2:352-235 '66.

Dynamics of the reproduction of the foot-and-mouth disease virus in the kidney cells of a swine embryo and the morphological changes in them. S. Kh. Khaertynov, K. S. Kulikova. *Vop. vet. virus.* 2:264-270 '66.

Enzymatic activity of the extraembryonic fluid of chicken embryos infected by the virus of European chicken plague. N. V. Krutova, G. A. Ivanova, S. I. Logvinov. *Vop. vet. virus.* 2:179-183 '66.

Further study of the cultivation conditions for the foot-and-mouth disease virus in a suspension of kidney cells. M. S. Shustukina, A. A. Shustukina, R. I. Lebedeva. *Vop. vet. virus.* 2:376-383 '66.

Isolation and cultivation of the sacbrood virus. N. I. Smirnova. *Vop. vet. virus.* 2:118-123 '66.

Isolation and cultivation of the swine gastroenteritis virus. V. A. Potomelner, S. G. Iannashev. *Vop. vet. virus.* 2:114-117 '66.

Nitrogen metabolism of a surviving tissue culture during the reproduction of the hog cholera virus. A. V. Teterina and others. *Vop. vet. virus.* 2:313-324 '66.

Reproduction and changes in the pathogenicity of the hog cholera virus in a surviving tissue culture. S. K. Mikhailov, V. A. Sergeev. *Vop. vet. virus.* 2:308-312 '66.

Sensitivity of some diploid and other transmissible cells to the foot-and-mouth disease virus. S. Kh. Khaertynov, K. S. Kulikova. *Vop. vet. virus.* 2:352-257 '66.

Sensitivity of some transmissible cells to the foot-and-mouth disease virus. T. E. Kalugina and others. *Vop. vet. virus.* 2:245-251 '66.

Sensitivity of transmissible cells cultivated in a medium containing lactalbumin hydrolysate to some animal viruses. N. G. Oskitza, V. A. Sergeev. *Vop. vet. virus.* 2:336-344 '66.

Spectrum of the sensitivity of tissue cultures and the chorioallantois of chicken embryos to various smallpox viruses. V. V. Gumenkov, V. N. Sturin. *Vop. vet. virus.* 2:380-388 '66.

Study of the swine gastroenteritis virus by the use of tissue cultures. V. V. Nikol'skii, E. A. Kravchenko, V. O. Platonsenko. *Vop. vet. virus.* 2:335-344 '66.

Study of the type A foot-and-mouth disease virus adapted to the tissue culture of a cattle kidney. A. A. Shustukina and others. *Vop. vet. virus.* 2:264-269 '66.

Survival of primary trypsinized kidney cells in a suspension during the cultivation of the foot-and-mouth disease virus. G. A. Kudravinova, A. A. Shustukina. *Vop. vet. virus.* 2:271-275 '66.

Survival of tissue cells of a chicken embryo in a suspension and the reproduction of the Newcastle disease virus. A. A. Pozdnyakov and others. *Vop. vet. virus.* 2:325-334 '66.

Three lines of transmissible cells obtained from swine tissues, their cytological characteristics and sensitivity to some viruses. D. F. Oskitza and others. *Vop. vet. virus.* 2:64-70 '66.

Use of primary cultures of carp kidney cells in the cultivation of cytopathogenic agents of fish. E. F. Osadchaya. *Vop. vet. virus.* 2:345-351 '66.

VIRUSES, EFFECT OF DRUGS ON

Viral properties of the antibiotic 1036/I. K.Y. Germanova, A. M. Savet'eva, T. I. A. Goncharova. Antibiotiki 9 no. 10:914-191 O '64.

VISCOSIMETER

Continuous viscosimeter. I. V. Provintsev, B. M. Gershkovich. Zav. lab. 32 no. 5:630-631 '66.

VISCOSIMETRY

Connection between the structure of crystallized blast furnace slags and the physical properties of their melts. N. L. Zhilo, L. I. Bol'shakova. Izv. AN SSSR, Met. no. 3:67-72 My-Je '66.

VISCOSITY

Experimental study of the viscosity and heat conductivity of sodium and potassium vapors. B. I. Stefanov and others. Teplofiz. vys. temp. 4 no. 1: 141-142 Ja-F '66.

Viscosity and density of anisole, phenetole, chlorox and their complexes with BF₃. L. I. Pechalin, G. M. Panchenkov. Zhur. fiz. khim. 40 no. 5:1140-1141 My '66.

Viscosity of liquid methanol at high pressures. N. P. Isakova, L. A. Oshueva. Zhur. fiz. khim. 40 no. 5: 1130-1131 My '66.

VISCOSITY—MEASUREMENT

Electrical method for measuring viscosity. L. N. Chugunov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 5: 565-567 '66.

VISES

Turning vises for machine tools. A. V. Antropov. Mashinostroitel' no. 6:35 Je '66.

VISHNEVSKII, ALEKSANDR ALEKSANDROVICH, 1906-

Outstanding surgeon of our times. Voen.-med. zhur. no. 5:84-85 My '66.

VISITORS, JAPANESE see subdivision under Sakhalin

VISITORS, RUSSIAN see subdivision under Germany, West

VISUAL AIDS

Serlin, V. A. [Equipment of training centers in construction organizations] Oborudovanie uchebnykh kabinetov v stroitel'nykh organizatsiyakh. Moskva, Vysshaya shkola, 1966. 77 p.

VISUAL DISCRIMINATION

Participation of giant pyramidal areas of the cerebral hemispheres in visual space analysis. M. P. Egorova. Vest. LGU no. 9:84-93 '66.

VITAMINS

Combined effect of penicillin, levomycetin, and some water-soluble vitamins on aseptic inflammation and phagocytosis. E. M. Chakichev. Antibiotiki 11 no. 5: 442-446 My '66.

Establishing norms for vitamin feeding and the generalization of vitamin norms. D. V. Elpat'evskii. Uch. zap. Ped. inst. Gorki. 312:270-287 '66.

Some vitamin content in wheat germ. V. F. Guretskaya, E. V. Kravchenko, V. A. Vadova. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:13-14 '66.

VITAMINS—PHYSIOLOGICAL EFFECT

Effect of vitaminization in strenuous intellectual work. N. M. Machekhin. Voen.-med. zhur. no. 5:50-52 My '66.

VITAMINS—D

Effect of microelements and vitamins of the B group on the growth and development of suckling pigs. V. V. Cherepanova. Sbor. nauch. rab. stud. Sar. zootekh.-vet. inst. 3:21-20 '65.

VITAMINS—B₂ see Riboflavin

VITAMINS—B₁₂ see Cyanocobalamin

VITAMINS—C see Ascorbic acid

VITAMINS—G see Riboflavin

VITEBSK—ELECTRIC EQUIPMENT INDUSTRY—SCHEDULING

Network planning in a network design bureau. D. G. Semenov, S. G. Sued. Prom. Bel. 9 no. 5:55-55 My '66.

VITEBSK—RUGS AND CARPETS

Eliminate uncoordination between production areas. A. A. Khvostov. Prom. Bel. 9 no. 4:12-13 Ap '66.

VITEBSK—SHOE INDUSTRY

Working for the good of our country. A. A. Golubkova. Prom. Bel. 9 no. 4:3 Ap '66.

Working for the good of our country. A. Golubkova. Prom. Arm. 9 no. 6:12-13 '66.

VITEBSK PROVINCE—RURAL CONSTRUCTION

On an industrial basis. R. Alimov. SU'bud. 14 no. 11: 22-23 N '64.

VITICULTURE

(see also subdivision under Transcarpathia)

Kondion, A. K. [Grapes; growing, processing, and storage in domestic conditions] Vinograd; vyrashchivanie, pererabotka, khranenie v domashnikh usloviyakh. Alma-Ata, Kazakhskoe gos. izd-vo, 1964. 186 p. (CU)

VITIM PLATEAU—BIRDS

Zoogeographical study of the Vitim Plateau. I. V. Izmailov. Uch. zap. Bur. gos. ped. inst. no. 24:65-68 '61.

VITREOUS HUMOR

Comparative study of the amolytic activity of vitreous humor and blood. U. I. Atakishieva. Trudy Azerb. nauch.-issl. inst. oft. 4:121-123 '63.

VITREOUS STATE

Effect of bismuth and copper on the dissolution rate of vitreous arsenic selenide. I. A. Savan, Z. U. Borisova, O. V. D'vinskaya. Vest. LGU 21 no. 10:118-124 '66.

Glass formation in the system arsenic - germanium - tellurium. V. R. Panus, Z. U. Borisova, Zhur. prikl. khim. 39 no. 5:987-991 My '66.

Studying the mechanism of vitrification of water in plant cells. I. I. Yumanov, O. A. Krasavtsev. Fiziol. rast. 13 no. 3:487-493 My-Je '66.

VITREOUS STATE—CONGRESSES

All-Union Conference "Boron-free, and low-alkali vitreous systems and technical glasses based on them." M. A. Matveev, B. N. Frenkel'. Zhur. VKhO 11 no. 3:332-334 '66.

VLADIMIR PRINCIPALITY—CITIES AND TOWNS

Vorozhin, N. N. [Vladimir, Bogolubovo, Suzdal', Iur'ev-Polskoi. [Izd. 2. perer. Moskva, Iskusstvo, 1965] 310 p. (CaOTU)

VLADIMIR PROVINCE—EDUCATION

In a little town. N. Naumov. Nar. obr. no. 7:70-65 JI '66.

VLADIMIR PROVINCE—MACHINERY INDUSTRY—MANAGEMENT

Preparing for the 50th anniversary of the Soviet regime. V. P. Kuznetsov. Mashinostroitel' no. 6:44 Je '66.

VLADIMIR PROVINCE—SWINE

We dedicate our labor to the motherland! A. Savet'eva. Sov. profsoyuz 22 no. 12:9-9 Je '66.

VLASOV, PAVEL ALEKSEEVICH, 1857-1935

Ryndina, O. M. Pavel Alekseevich Vlasov, 1857-1935. Leningrad, Kuznetzhnik RSFSR, 1965. 64 p. illus. (MI)

VOCATIONAL EDUCATION

(see also subdivision under Kabardino-Balkar A.S.S.R.)

[Admission rules and examination requirements for those entering special secondary (technical, vocational and normal) schools of the U.S.S.R. in 1966.] Pravila priema i programmy vstupitel'nykh ekzamenov dlia postupalushchikh v srednie spetsial'nye uchebnye zavedeniya SSSR (tekhnicheskyye, uchilishchnye, shkoly) v 1966 godu. Moskva, Vysshaya shkola, 1966. 63 p.

VOCATIONAL GUIDANCE

A conference on vocational guidance. A. Golomshtok. Nar. obr. no. 7:125-126 JI '66.

"For those who begin their careers." Part. zhizni' no. 14:53-57 JI '66.

A period of expectations, plans and decisions. I. U. Petrov, F. Filippov. Nar. obr. no. 6:22-24 Je '66.

VOICE

Prolov, I. P. [Song and speech in the light of I. P. Pavlov's theory] Penie i rech' v svetle ucheniya I. P. Pavlova. Moskva, Muzyka, 1966. 97 p. (V pomoshch' pedagoga-muzykantu)

VOLCANIC ASH, TUFF, ETC. see subdivision under Gorelka region (Voronezh Province)

VOLCANOES

(see also subdivision under Kamchatka; Sredniy Range)

Studying volcanic tremor. A. I. Farberov, S. T. Balesin. Bul. vulk. sta. no. 40:45-60 '66.

VOLGA-BALTIC SEA WATERWAY—SHIPPING

Increase the efficiency of bulk cargo movement lines. K. Krutikov. Rech. transp. 23 no. 4:5-7 Ap '64.

VOLGA DELTA—STURGEONS

Rearing young sturgeons in pike perch spawning and rearing farms. D. P. Karpanin, R. I. A. Kosyeva, V. V. Mil'shtein. Ryb. khoz. 42 no. 5:20-21 '66.

VOLGA-DON CANAL—SHIPPING

Conducting a semi-integrated barge train through the Volga-Don Canal. N. Koniassarov. Rech. transp. 23 no. 4:11-13 Ap '64.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)

Experience in adjustment and operation of excitation controllers with strong action in the Volga Hydroelectric Power Station (22d Congress of the CPSU). V. M. Iushin. Trudy VEl no. 73:63-72 '64.

VOLGA RIVER—AIDS TO NAVIGATION

The new SPOM-1 type visual pulsed signaling device. N. Galashov, B. Lobov. Rech. transp. 23 no. 4:43 Ap '64.

VOLGA RIVER—DREDGING MACHINERY

We are struggling for an honorary title. G. Bellaev. Rech. transp. 23 no. 4:32-34 Ap '64.

VOLGA RIVER—HYDROGRAPHY

Stabilizing mean daily water discharges through the Gorky Hydroelectric Power Station. A. Shmyrov, P. Lisovskii. Rech. transp. 22 no. 8:34-35 Ag '64.

VOLGA RIVER—NAVIGATION

Problems facing the Volga River engineers and workers in the navigation season of 1964. V. Ivanitskii. Rech. transp. 23 no. 4:30-32 Ap '64.

VOLGA RIVER—REGULATION

Speed up the regulation of the upper reaches of the Volga River for shipping purposes. G. Vitkov. Rech. transp. 22 no. 8:53-54 Ag '64.

VOLGA RIVER—SHIPPING

Coal reserves for the annual shipping period. V. Mikhailov. Rech. transp. 23 no. 4:10-11 Ap '64.

Develop in every way possible the shipping of petroleum products. V. Kurdin. Rech. transp. 23 no. 4:7-10 Ap '64.

The seven-year plan has been completed ahead of time. V. Kuz'min. Rech. transp. 23 no. 4:14-15 Ap '64.

VOLGA RIVER—WATER—COMPOSITION

Carbonate-calcium equilibrium in the water of the Volga River and its reservoirs. N. P. Moricheva. Gidrokhim. mat. 39:44-50 '65.

Content of organic acids in some natural and waste waters. V. A. Bryzgalo, A. D. Semenov. Gidrokhim. mat. 39:106-112 '65.

VOLGA RIVER—WATER FLEAS

Macrothricidae and Skidac in Volga reservoirs. N. N. Smirnov. Trudy Inst. biol. vnutr. vod. no. 6:54-57 '65.

VOLGA RIVER WATERSHED—WATER—COMPOSITION

Fluorine, bromine, iodine, manganese, copper, and zinc in the Volga River basin. G. S. Konovalov and others. Gidrokhim. mat. 39:51-73 '65.

VOLGA-URAL PETROLEUM REGION see Second Baku

VOLGA VALLEY—MACHINERY INDUSTRY—AUDITING AND INSPECTION

Recommendations for conducting the investigation work. A. Pisarev. Sots. trud 11 no. 6:67-71 Je '66.

VOLGA VALLEY—PALEOBOTANY, STRATIGRAPHIC

Kuznetsova, T. A. [Upper Pliocene flora in the middle Volga Valley and its stratigraphic significance] Flora verkhnepliocenovykh otlozhenii Srednego Povolzh'ya i ee stratigraficheskoe znachenie. Kazan', 1964. 185 p. (Akademiya nauk SSSR. Kazanskii filial. Trudy, no. 10)

VOLGA-VYATKA ECONOMIC REGION—CITIES AND TOWNS—GROWTH

Population changes in the cities of the Volga-Vyatka Economic Region during the Soviet regime and problems concerning their development. L. L. Trube. Izv. Vses. geog. ob-va 98 no. 3:223-229 My-Je '66.

VOLGOGRAD—LIBRARIES AND READERS

We try to work effectively. L. Mel'nikova. Bibliotekar' 43 no. 7:5-7 JI '66.

VOLGOGRAD—STEEL INDUSTRY

Careful preparations ensure success. D. Nikitin, A. Galenko. Part. zhizni' no. 14:18-25 JI '66.

The role of experimentation in the economic reform. L. Lopatinov. Kommunist 43 no. 10:43-53 JI '66.

- VOLGOGRAD—STEEL INDUSTRY—MANAGEMENT**
Artamonov, I. S. [Initiative and responsibility; the party committee as the organizer of an economic experiment] *Initiativna i otvetstvennost'*; partkom—organizator ekonomicheskogo eksperimenta. Moskva, Politizdat, 1966. 46 p.
- VOLGOGRAD—STORES, RETAIL—DESIGN AND CONSTRUCTION**
What prevents putting enterprises into operation rapidly. A. Sokolovskii. *Sov. torg.* 39 no. 6:31-35 Je '66.
- VOLGOGRAD—TRACTOR INDUSTRY—EQUIPMENT AND SUPPLIES**
Advanced design of tools at the Volgograd Tractor Plant. S. V. Golubev, V. A. Ol'khov, V. A. Savenko. *Mashinostroitel'* no. 6:29-30 Je '66.
- VOLGOGRAD PROVINCE—ECONOMICS—STUDY AND TEACHING**
Train auditing office workers in economics. E. Khanchin. *Vest. stat.* no. 9:59-62 '66.
- VOLGOGRAD PROVINCE—OIL WELL DRILLING**
Technological significance of dissimulated water seepage in wells and methods for controlling it. A. F. Gaintsev. *Burenie* no. 3:29-30 '66.
- VOLGOGRAD RESERVOIR—METEOROLOGY**
Some data on the horizontal distribution of meteorological elements over Volgograd Reservoir. M. D. Dvorkina. *Trudy GGO* no. 187:149-158 '66.
- VOLOSIUK, GEORGI KORNEEVICH, 1905-**
Georgii Korneevich Volosuk on his 60th birthday. *Razved. i okh. nedr.* 31 no. 10:64 O '65.
- VOLTAIRE, FRANCOIS MARIE AROUET DE, 1694-1778**
Mirimskii, I. V. [Studies of the classics: Defoe, Voltaire, Goethe, Hoffmann, Heine, German poets of the 1648 Revolution, Heinrich Mann] *Stat' o klassikakh: Defo, Vol'ter, Gete, Gofman, Geline, Nemetskii poety Revoliutsii 1648 goda, Genrikh Mann.* Moskva, Khudozhestvennaya literatura, 1966. 250 p.
- VOLUMETRIC ANALYSIS** see Titration
- VOLYN' PROVINCE—RURAL CONSTRUCTION**
By the conscientious industry of the rural construction workers. M. Kondrashov. *Sil'. bud.* 14 no. 11:5 N '64.
- VORONEZH—COMMUNIST YOUTH LEAGUE**
Such is our work. T. Bratkova. *Mol. komm.* no. 8:1-13 Ag '64.
- VORONEZH—ELECTRIC EQUIPMENT INDUSTRY—MANAGEMENT**
We are striving for the carrying out of decisions. A. Kozlov. *Sov. profsoyuzy* 22 no. 11:18-21 Je '66.
- VORONEZH—RODENTS—EXTERMINATION**
Organizing deratization in towns. T. V. Dmitrieva, S. L. Oreshnikova. *Okhr. prir. TSentr.* -Chern. pol. no. 5: 217-231 '64.
- VORONEZH PROVINCE—AGRICULTURAL EDUCATION**
Their path toward themselves. A. Chirva. *Mol. komm.* no. 8:56-60 Ag '64.
- VORONEZH PROVINCE—BEE FLIES**
Materials on the parasitic bee flies and thickheaded flies (Diptera: Bombyliidae, Conopidae) of Voronezh Province. K. V. Skufin. *Biol. Ob-va estestvoispyt.* 13:69-74 '64.
- VORONEZH PROVINCE—BOULDERS**
Boulder rocks of Voronezh Province and their effect on soil formation and fertility. M. S. Tsyganov. *Okhr. prir. TSentr.* -Chern. pol. no. 5:53-61 '64.
- VORONEZH PROVINCE—CULICIDES**
Some data on the distribution of Culicoides larvae in the biotopes of various landforms of Voronezh Province. K. T. Korneva. *Okhr. prir. TSentr.* -Chern. pol. no. 5: 267-270 '64.
- VORONEZH PROVINCE—ECONOMIC POLICY**
[Our seven-year plan, 1959-1965] *Nasha semiletka, 1959-1965.* [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 1 v. (MH)
- VORONEZH PROVINCE—EROSION**
Soil erosion in Voronezh Province and measures for its control. A. S. Krasnobayev, V. V. Protopenov. *Okhr. prir. TSentr.* -Chern. pol. no. 5:3-12 '64.
- VORONEZH PROVINCE—FLEAS**
Study of the ecology of fleas of the genus *Leptopsylla* J. et R. (Ceratophyllidae, Suctoria) in Voronezh Province. V. P. Negrobov, V. I. Volkov. *Biol. Ob-va estestvoispyt.* 13:83-90 '64.
- VORONEZH PROVINCE—HOUSEFLIES**
Seasonal flight and physiological age of mass species of houseflies (Diptera, Tabanidae) in the river floodplains of eastern Voronezh Province. R. V. Kolycheva, N. K. Paenko. *Okhr. prir. TSentr.* -Chern. pol. no. 5:232-236 '64.
- VORONEZH PROVINCE—HYMENOPTERA**
Materials on Hymenoptera of Voronezh Province. G. E. Bodrenkov. *Okhr. prir. TSentr.* -Chern. pol. no. 5:237-245 '64.
- VORONEZH PROVINCE—LOAM SOILS**
Microelements in blanket loams of Voronezh Province. V. M. Dadykin. *Okhr. prir. TSentr.* -Chern. pol. no. 5: 75-78 '64.
- VORONEZH PROVINCE—MICE**
Mapping distribution and population dynamics of murine rodents. I. I. Barabash-Nikiforov and others. *Okhr. prir. TSentr.* -Chern. pol. no. 5:261-262 '64.
- VORONEZH PROVINCE—MOLE CRICKETS**
Observations on the mole cricket migration in forestless and afforested floodplains of Voronezh Province. E. R. Kleckovskii. *Okhr. prir. TSentr.* -Chern. pol. no. 5: 136-139 '64.
- VORONEZH PROVINCE—MOSQUITOES**
Uncontrolled malarial mosquito population growth in Voronezh Province. G. I. Ermolaev. *Okhr. prir. TSentr.* -Chern. pol. no. 5:213-216 '64.
- VORONEZH PROVINCE—OAK**
Restoration of seeded oak forests. M. S. Chernobrovisev. *Okhr. prir. TSentr.* -Chern. pol. no. 5:111-116 '64.
State and productivity of oak forests of the Kalachyevskiy Forest District of Voronezh Province. V. A. Bugaev, V. D. Novosel'tsev. *Okhr. prir. TSentr.* -Chern. pol. no. 5:117-121 '64.
- VORONEZH PROVINCE—POPLAR—DISEASES AND PESTS**
Polioomyzus passerinii Sign., a poplar pest. P. A. Polozhentsev, L. A. Bulavin. *Okhr. prir. TSentr.* -Chern. pol. no. 5:122-125 '64.
- VORONEZH PROVINCE—PROMINENTS (INSECTS)**
Characteristics of the fly of the oak notodontid moth in Voronezh Province. I. Tudor. *Sbor. rab. MLTI* no. 11: 125-131 '64.
- VORONEZH PROVINCE—RADIOBROADCASTING**
Fifteen minutes of radiobroadcasting in a district. P. Tolstobrov. *Part. zhizn'* no. 13:77-78 Ji '66.
- VORONEZH PROVINCE—RODENTS**
Murine rodents of rural populated places of Voronezh Province. T. V. Dmitrieva. *Biol. Ob-va estestvoispyt.* 13:91-93 '64.
- VORONEZH PROVINCE—RUBBER, SYNTHETIC**
Future sanitary protection of the Voronezh and Don Rivers in relation to the development of the Voronezh synthetic rubber industry. V. A. Ivanov. *Okhr. prir. TSentr.* -Chern. pol. no. 5:126-132 '64.
- VORONEZH PROVINCE—SOIL FERTILITY**
Effect of relief on the soil fertility in the subzone of the common Chernozem. M. S. Tsyganov, A. I. Trushchii. *Okhr. prir. TSentr.* -Chern. pol. no. 5:26-30 '64.
- VORONEZH PROVINCE—SOLONCHETZ SOILS**
Boulder rocks of Voronezh Province and their effect on soil formation and fertility. M. S. Tsyganov. *Okhr. prir. TSentr.* -Chern. pol. no. 5:53-61 '64.
- VORONEZH PROVINCE—TENCH**
Some data on the growth of tench (*Tinca tinca* L.) in the bodies of water of Voronezh Province in relation to its piscicultural significance. S. D. Romantsova. *Okhr. prir. TSentr.* -Chern. pol. no. 5:152-158 '64.
- VORONEZH PROVINCE—THICKHEADED FLIES**
Materials on the parasitic bee flies and thickheaded flies (Diptera: Bombyliidae, Conopidae) of Voronezh Province. K. V. Skufin. *Biol. Ob-va estestvoispyt.* 13:69-74 '64.
- VORONEZH PROVINCE—UNGULATA**
Wild ungulate population control in Voronezh Province. L. S. Riabov, S. L. Oreshnikova. *Okhr. prir. TSentr.* -Chern. pol. no. 5:173-185 '64.
- VORONEZH PROVINCE—VEGETABLE TRADE**
Who should purchase surplus potatoes and vegetables from collective and state farms? A. Stant'ev. *Zakup. sel'khoz. prod.* no. 5:49 My '66.
- VOROSHILOVGRAD** see Lugansk
- VOROSHILOVGRAD PROVINCE** see Lugansk Province
- VOSKRESENSK (MOSCOW PROVINCE)—CHEMICAL INDUSTRIES—MANAGEMENT**
Practice of the Voskresensk Chemical Combine. M. Fedman, K. Zhironkin. *Sots. trud* 11 no. 6:11-23 Jo '68.
- VOTKINSK RESERVOIR—SNOW—COMPOSITION**
Chemical composition of snow on the water area of the Kama and Volzhsk Reservoirs. I. A. Pecherkin, E. A. Burmanova. *Gidrokhit. mnt.* 30:3-7 '66.
- VOYAGES AROUND THE WORLD**
Sutchev, G. [There are Magellans in Russia; notes on the circumnavigatory voyages of Soviet atomic submarines] *Zhivut magellany v Rossi; zametki o krugosvetnom plovani sovetskikh atomnykh podvoynnykh lodok.* Moskva, Izd-vo gazety "Krasnaya zvezda," 1966. 31 p. (Biblioteka "Krasnaya zvezda," no. 11(101))
- VOYEYKOVO (LENINGRAD PROVINCE)—LIGHTNING**
Results of observations on lightning discharges in Voeyskovo and on Valaam Island in 1964. E. A. Antonov. *Trudy GGO* no. 188:21-23 '66.
- VULCANIZATION**
Siliconous porous fibers, carriers of gaseous volcanic agents and accelerators. A. F. Nosnikov and others. *Zhurn. VNIIO* 11 no. 3:348-350 '66.
- VULCANIZATION—EQUIPMENT AND SUPPLIES**
Automatic line for continuous vulcanization of papers and monolithic rubber. L. D. Babin, M. S. Morozov, S. A. Pavlov. *Kosh. ekonom. prom.* 7 no. 2:65-17 '64.
- WAGE PAYMENT SYSTEMS** see subdivision under Pay
- WAGES—AUTOMOBILE INDUSTRY** see subdivision under Minsk
- WAGES—BEARING INDUSTRY** see subdivision under Moscow
- WAGES—HIGHWAY TRANSPORT WORKERS**
New stage of an experiment. M. Bush. *Aviatsiya.* 44 no. 5:15-16 My '66.
- WAGES—HOUSING MANAGEMENT** see subdivision under Ukraine
- WAGES—LUMBERMEN** see subdivision under White Russia
- WAGES—MACHINE-TOOL INDUSTRY**
Organization of wages for work on automatic machines-tool lines. M. Friedman. *Voprosy ekon.* no. 6:13-14 Ji '66.
- WAGES—MACHINERY INDUSTRY**
(see also subdivision under Zhukovskiy)
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. *Sots. trud* 11 no. 6:143-145 Je '66.
- WAGES—MUNICIPAL SERVICES** see subdivision under Ukraine
- WAGES—PETROLEUM INDUSTRY**
Bonuses for workers of tank farms and agencies supplying petroleum products. *Sots. trud* 11 no. 6: 122-123 Je '66.
- WAGES—PETROLEUM WORKERS** see subdivision under Kenya
- WAGES—POWER ENGINEERING**
Payment for overtime. *Energizh* 14 no. 6:34 Je '66.
- WAGES—RETAIL TRADE**
Payment of bonuses to store workers. *Sov. torg.* 39 no. 6:45 Je '66.
- WAGES—TRACTOR INDUSTRY** see subdivision under Minsk
- WAGES AND LABOR PRODUCTIVITY**
Correspondence between the rate of growth of labor productivity and wages. G. Razdorskii. *Nauch. dokl. vyz. shkoly; ekon. nauki* 9 no. 3:22-37 '66.
Distribution and the workers' standard of living. G. Sarkisyan. *Nauch. dokl. vyz. shkoly; ekon. nauki* 9 no. 3: 26-36 '66.
- WALL NEWSPAPERS**
[Guide for the wall newspaper activist] *Spudnik aktivista stenoizvestiya.* [Moskva] Moskovskii rabochii. 1959. 193 p.
Making a wall newspaper. *Zhurnal ekon. khoz.* 16 no. 5: 15-16 Ji '65.
- WAR**
Karpyev, G. D. [Ideological sabotage by the enemies of peaceful coexistence] *Ideologicheskie diverzii protivnikov mirovogo sushchestvovaniia.* Moskva, Mezhdunarodnye otnosheniia, 1965. 140 p.
Mochalov, V. V. [The big lie about armistice wars; the bourgeois theory of limited wars] *Boi'shalia lozh' o mnygkh voynakh; o burzhuaznoi teorii ogranichennykh voyn.* Moskva, Voennoe izd-vo, 1965. 100 p. (CS-11)

WAREHOUSES

Automatic storeroom. A.Kh.Komashenko. Mekh. i avtom. protzv. 20 no. 6:12-14 Je '66.

Demichev, G. M. [Storing and packing facilities] Skladskoe i tsnovno khoz. delo. Moskva, Vysshaya shkola, 1966, 244 p.

WARRANTY

Significance of the length of guaranty for the improvement of the quality of manufactured goods. N. A. Iakhmina. Sov. gos. i pravo 36 no. 7:93-98 Ji '66.

WARSAW PACT, 1955

Conference of the states of the Warsaw Pact, Nov. vrem. 24 no. 29:1-3 Ji '66.

Program of ensuring peace in Europe and the whole world. Mezhdunar. zhizn' 13 no. 8:3-10 '66.

WASHINGTON, D. C.—DESCRIPTION

The face of Washington. N. Kurdumov. Nov. vrem. 24 no. 29:28-30 Je '66.

WATER

Adabashov, I. I. [Conquering the "sky-blue continent."] Pokorenie "golubogo kontinenta." Moskva, Znanie, 1966, 46 p. (Novoe v zhizni, nauka, tekhnika, XII Seriya: Estestvoznaniye i religiya, no. 6)

WATER—ANALYSIS see subdivision under Aldan Plateau

WATER—COMPOSITION

(see also subdivision under Chukchi Peninsula; Kakhovka Reservoir; Kazakhstan; Kremenchug Reservoir; Tsimlyansk Reservoir; Turkmenistan; Veselovskoye Reservoir; Volga River; Volga River Watershed)

Basic characteristics of the geochemistry of tungsten in underground and surface waters in the regions of tungsten deposits. S. R. Krainov, S. D. Kapranov, N. G. Petrova. Geokhimiya no. 10:234-245 O '65.

Content of organic carbon, organic nitrogen, amino acids, and reducing sugars in some bodies of water of the northeast of the European territory of the U.S.S.R. T. A. Vinsova. Gidrokhim. mat. 39:113-121 '65.

Determination of microgram amounts of tantalum in natural and industrial waste waters. L. I. Peta, V. B. Aleksovskii, A. D. Miller. Zhur. prikl. khim. 39 no. 5:1190-1192 My '66.

Determination of silicon in low-mineral waters. A. A. Matveev, O. I. Bashinkova. Gidrokhim. mat. 39:153-157 '65.

Goncharov, V. M., and L. G. Murzin. [Fuel, lubricant, water] Toplivo, smazka, voda. Izd. 3., perer. i dop. Moskva, Transport, 1966, 175 p.

Information report on the Nineteenth Hydrochemical Conference. Zhur. VKHO 11 no. 3:330 '66.

Methodology of separate determination of organic acids in natural waters; a survey of works available in the literature. I. A. Goncharova, A. G. Stradomskaya. Gidrokhim. mat. 39:103-160 '65.

Self-purification of natural waters from lead ions. G. A. Solomin, T. O. Goncharova, N. G. Posenko. Gidrokhim. mat. 39:145-152 '65.

Separate determination of butyric, propionic, and acetic acids in natural waters by partition chromatography on silica gel. A. G. Stradomskaya, I. A. Goncharova. Gidrokhim. mat. 39:160-174 '65.

WATER—EFFECT ON PLANTS see Plants, Effect of water on

WATER—PHYSIOLOGICAL EFFECT

Characteristics of freshly thawed water. P. A. Sherstnev, N. I. Vilutis. Lek. i syr. res. Irk. obl. no. 4:204-205 '65.

WATER—POLLUTION

Calculating the variation in radioisotope concentration in a closed water basin with isotope absorption by the bottom layer. V. M. Prokhorov. Atom. energ. 20 no. 5:448-449 My '66.

WATER—PURIFICATION

(see also subdivision under Central Chernozem region)

Dogadov, V. S., and B. D. Sadyrev. [Purifying the water used for conveying and washing nit sugar plants] Ochistka transportno-mochnykh vod na sakharnykh zavodakh. Moskva, TsINTIPishcheprom, 1965, 33 p.

Mechanized sand filters in water purification stations. V. Samoilov. Zhur. i kom. khoz. 16 no. 7:23 Ji '65.

WATER—SPECTRA

Infrared spectra of water in uranyl nitrate hydrates. A. V. Karlinkin and others. Dokl. AN SSSR 168 no. 4: 817-820 Je '66.

WATER (IN RELIGION, FOLKLORE, ETC.)

Adabashov, I. I. [Conquering the "sky-blue continent."] Pokorenie "golubogo kontinenta." Moskva, Znanie, 1966, 46 p. (Novoe v zhizni, nauka, tekhnika, XII Seriya: Estestvoznaniye i religiya, no. 6)

WATER, UNDERGROUND

(see also subdivision under Donets Valley; Groznyy Province; Polesye; Ukraine)

Bogomolov, G. V., and A. I. Shiba-Bekchurina. [Underground waters and their study] Podzemnye vody i ikh izuchenie. Minsk, Nauka i tekhnika, 1966, 252 p.

Capillary fringe of ground waters and the regulation of moisture conditions of soils in the Karafangsly area of the Vakhsh Valley. A. I. Uldashev. Trudy Tadzh. sel'khoz. inst. 7:132-141 '65.

Efficient parameters of the performance of walking excavators in thick water-soaked rocks. I. I. Plaskin, T. I. Mautianbaev. Dob. i obog. rud. tsvet. met. no. 3:12-14 '64.

Evaluation of the economic efficiency of prospecting for underground waters. A. I. Artsev. Razved. i okh. nedr 31 no. 10:29-31 O '65.

Evaluation of the exploitable resources of underground waters on the basis of generalized parameters. V. A. Grabovnikov, B. M. Zilbershtein. Razved. i okh. nedr 32 no. 5:43-48 My '66.

Evaluation of the water loss and active porosity of loose-detrital soils based on the seepage coefficient. I. I. Grinbaum. Razved. i okh. nedr 31 no. 10:45-51 O '65.

Field capillary meter. P. I. Fadeev. Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:107-108 My-Je '65.

For closer contact of science and production. V. M. Fomin. Razved. i okh. nedr 31 no. 10:41-44 O '65.

Mathematical analysis of the characteristics of the formation of vein-type hydrothermal ore bodies. I. A. M. Bichevskiy, I. U. P. Molnyk, A. M. Samoilenko. Geol. zhur. 26 no. 3:3-12 '65.

New method of the calculation of flat flow in the steady nonuniform movement of underground waters and dipping confining stratum. V. M. Nekhoroshev. Geol. zhur. 26 no. 2:83-91 '66.

Regulating the moisture and salt conditions of a cotton field with various depths of the level of mineralized ground waters. A. I. Uldashev. Trudy Tadzh. sel'khoz. inst. 7:142-153 '65.

Using the method of advanced testing of water-bearing horizons. V. K. Vystorop. Razved. i okh. nedr 32 no. 5:50-52 My '66.

WATER, UNDERGROUND—ANALYSIS see subdivision under Anadyr' Lowland

WATER, UNDERGROUND—CLASSIFICATION see subdivision under Maritime Territory

WATER, UNDERGROUND—COMPOSITION

(see also subdivision under Azov Lowland; Second Baku; Zhetybay Oil Field)

Some physicochemical factors of the formation of the chemical composition of natural waters. E. V. Posokhov. Gidrokhim. mat. 39:132-144 '65.

WATER BIRDS see subdivision under Samur-Divleli Canal region

WATER CLOSETS

How to prevent leakage of water from flushing tanks. M. Akkerman, I. U. Safonov. Zhur. i kom. khoz. 16 no. 7:24-28 Ji '65.

WATER FLEAS see subdivision under Volga River

WATER HAMMER

Effect of a water hammer in the system of branched piping on the optimal control of hydraulic turbines. V. K. Brutian. Izv. AN Arm. SSR, Ser. tekhn. nauk 10 no. 2:10-10 '66.

WATER HEATERS

Operation and repair of the KGI-36 water heater. V. Bagdasarov. Zhur. i kom. khoz. 16 no. 7:23-24 Ji '65.

WATER IN PLANTS see Plants, Water in

WATER IN THE BODY

Regulation of appetite for water and salt in repeated saturation of the organism with sodium chloride. M. V. Arkhad, A. M. Ugolev. Trudy Inst. fiziol. 11:160-174 '65.

Structurally bonded water and biological macromolecules. K. S. Trinchler. Usp. sov. biol. 61 no. 3:338-353 My-Je '66.

WATER METABOLISM

Alimentary behavior of dogs in normal and experimental changing water-salt exchange. I. P. Nikitina. Vest. LGU no. 9:94-105 '66.

Effect of the change in water and salt metabolism on the reception of the digestive tract. I. P. Nikitina. Trudy Inst. fiziol. 11:246-257 '65.

WATER MITES see subdivision under Rybinsk Reservoir

WATER PIPES

(see also subdivision under Kalinin)

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet podol'zham stroitel'stva. [Instructions on designing and assembling dolomite filters for stabilizing water in internal water-supply systems] Ukazaniya po proektirovaniyu i montazhu nagnomassovykh fil'trov dlya stabilizatsii vody vnutrennikh sistem vodopostavleniya (SN 332-65). Moskva, Stroizdat, 1966, 28 p.

WATER POLO

GU'd. A. P., B. A. Galkman, and F. M. Talyshov. [Water polo training] Trenirovka vaterpolista. Moskva, Fizkultura i sport, 1966, 160 p.

WATER SUPPLY see subdivision under India; Moscow; Ural Mountains; Yemen

WATER-SUPPLY ENGINEERING—SAFETY MEASURES

Russia (1923- U.S.S.R.) Ministerstvo melioratsii i vodnogo khoz. [Materials on labor protection and safety engineering in water management construction] Sbornik materialov po okhrane truda i tekhnike bezopasnosti v vodokhoz. i stroitel'stvennom stroitel'stve. Moskva, Kolos, 1966, 390 p.

WATER TOWERS

Automating a water tower. I. Berson. Tekh. v sel'khoz. 25 no. 3:63 Mr '65.

WATER VAPOR

Effect of initial gas dilution by water vapor in the electrocracking of methane. D. T. Il'in, E. N. Eremin, V. I. Sidorov. Zhur. prikl. khim. 39 no. 5:1141-1147 My '66.

Effect of water vapors on the electric conductivity, photoconductivity, and photo-electromotive force of copper polyphenylacetylide. V. S. Mylnikov. Zhur. fiz. khim. 40 no. 5:979-984 My '66.

WATERPROOFING

Sokolovskii, V. T. [Insulating operations] Izolatsionnye raboty. 2. Izd., perer. i dop. Leningrad, Stroizdat, 1966, 268 p. (Seriya posobi dlya nachalnashchikh rabochikh)

Waterproofing of peat insulating slabs by organosilicon compounds. V. P. Zykova, G. A. Pankratova, N. G. Morozov. Stroim. mat. 12 no. 2:28 F '66.

WAVE FUNCTIONS

Elastic scattering of fast electrons on nuclei with Fermi distribution of charge density. I. Zh. Fetkov, V. K. Lul'manov, I. U. S. Pol'. Izd. fiz. 4 no. 1:57-65 Ji '66.

WAVE GUIDES

Calculation of nonuniformities in waveguides using a curvilinear orthogonal coordinate technique. V. M. Dashenkov, V. S. Il'in, I. U. N. Navrotskaya. Radiotekh. i elektron. 11 no. 6:1135-1142 Je '66.

Methods for precise calculation of uniform-cell wave guides. P. E. Krausshkin, S. P. Lomov. Radiotekh. i elektron. 11 no. 6:1051-1065 Je '66.

Nonuniformities in rectangular wave guides. Double ribbon barriers. V. P. Shestopalov, V. V. Shcherbak. Radiotekh. i elektron. 11 no. 6:1066-1075 Je '66.

Optimization of the radiation characteristic from the open end of a wave guide. M. V. Persikov. Radiotekh. i elektron. 11 no. 6:1046-1050 Je '66.

Slot couplings of one-mode rectangular wave guides. Numerical results. I. B. Levinson, P. Sh. Fridberg. Radiotekh. i elektron. 11 no. 6:1076-1085 Je '66.

Vainshtein, L. A. [Diffraction theory and the factorization method] Teoriya difraktsii i metod faktorizatsii. Moskva, Sovetskoe radio, 1966, 430 p.

WAVE THEORY OF LIGHT see Light, Wave theory of

WAVES

Livshits, M. S. [Operators, oscillations, waves; open systems] Operatory, kolebaniya, volny; otkrytye sistemy. Moskva, Nauka, 1966, 298 p.

Study of the dynamic stability of submerged sandy slopes. D. Rashe. Rech. transp. 22 no. 8:42-43 Ag '64.

Wave regimen of the outer harbor. M. Plakida. Rech. transp. 22 no. 8:36-38 Ag '64.

WAVES—DIFFRACTION

Reduction of problems of diffraction on open surfaces to integral equations of the second order. I. A. M. Fel'd, I. V. Sukharevskii. Radiotekh. i elektron. 11 no. 7: 1159-1168 Ji '66.

WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS

Changeability of the weather and its evaluation in the medical characteristics of the climate. E. M. Babakova and others. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 2:145-150 My-Apr '66.

Effect of weather factors on the effectiveness of treating patients with chronic coronary insufficiency at the seaside health resort Mardakyan. N. M. Mamedov. Azerb. med. zhur. 43 no. 4:52-56 Ap '66.

WEATHER CONTROL

Effect of fog dissipation caused by dynamic influences. S. S. Zilitinkevich. Trudy GGO no. 187:217-220 '66.

Regulation of the intensity of winter steam fogs. M. P. Timofeev. Trudy GGO no. 187:131-138 '66.

Use of practices influencing the radiation balance as a method of changing the meteorological conditions of the lower atmospheric layers. D. L. Laikhtman. Trudy GGO no. 187:115-121 '66.

WEATHER FORECASTING

- Experience in constructing the synoptic and statistical methodology of forecasting anomalies of seasonal precipitation. N.A. Aniskina, I.B. Lipunova. Meteor. i gidrol. no.6:31-35 Je '66.
- Forecasting the anomaly of the mean monthly temperature of the air 10 days ahead of time. K.A. Vastukov, N.I. Zverev, D.A. Ped'. Trudy TSIP no.147:3-9 '66.
- Formation of extremely warm and cold autumn months in Western Siberia and northern Kazakhstan. A.V. Babkin. Trudy TSIP no.147:138-154 '66.
- Method of forecasting the anomaly of mean monthly temperature of the air with an account of information of the northern hemisphere. M.A. Dultsev, D.A. Ped'. Trudy TSIP no.147:68-137 '66.
- Method of forecasting the ten-day amount of precipitation. D.A. Ped'. Trudy TSIP no.147:27-52 '66.
- Methodology of forecasting the monthly amount of precipitation. D.A. Ped'. Trudy TSIP no.147:53-67 '66.
- Study of historical variations in the anomaly of air temperature for the purpose of forecasting it. D.A. Drogaitsev. Trudy TSIP no.147:10-26 '66.

WEATHERING see subdivision under Avacha, Sopka; Kola Peninsula; Omsk Province

WEED CONTROL

- Chemical weed control in sugar beet plantations in Kuybyshev Province. G.E. Gonik, I.A. V. Shaposhnikov. Izv. Kuzb. SKHI 17:144-149 '65.
- Effectiveness of the tillage and planting methods for agricultural crops in controlling the common reed. Kh.H. Aryngaziev. Vest. sel'khoz. nauki [Kazakh.] 9 no.5:86-88 My '66.

WEED KILLERS see Herbicides

WEEDS see subdivision under Tajikistan

WEEVILS

- (see also subdivision under Crimean Mountains; Kazakhstan; Ukraine)
- Fir weevil as a pest of the Caucasus fir. T.M. Gur'lanova. Sbor. rab. MLTI no.11:79-82 '64.
- New and little-known species of Hyperini (Coleoptera, Curculionidae). V.A. Zaslavskii. Trudy Zool. inst. 37:106-110 '65.

WEIGHT LIFTING

- Strength application law in the process of carrying out weight-lifting exercises. I.P. Zhekov. Teor. i prak. fiz. kul't. 29 no.6:35-37 Je '66.

WELDED ALUMINUM STRUCTURES

- Study of the base metal and the welded joints of Al industrial aluminum. S.A. Popov, V.I. Sivortsov. Trudy MIT no.227:125-132 '66.

WELDED STEEL STRUCTURES—TESTING

- Nikolaev, G.A., ed. [Strength of welded structures] Prochnost' svarnykh konstruktsii. Moskva, Mashinostroenie, 1966. 254 p.

WELDING

- Heating truck and tractor parts before welding. I.V. Kamoiskii. Uch. zap. Ped. inst. Gerts. 312:192-206 '66.
- Some regularities of stress formation caused by welding. V.A. Vinokurov. Izv. vys. ucheb. zav.; mashinostr. no.4:145-150 '66.

WELDING—HYGIENIC ASPECTS

- Calculation of ventilation in mine workings using the factor of welding operations. N.P. Iakushin, N.K. Berdnik. Shakht. stroi. no.5:14-15 My '66.

WELLS—HANDBOOKS, MANUALS, ETC.

- Maloian, A.V., and V.I. Plokhov. [Water well drilling; a brief handbook] Buroie skvazhin na vodu; kratnii spravochnik. Moskva, Nedra, 1966. 302 p.

WEST GERMANY see Germany, West

WEST SIBERIAN PLAIN—PROSPECTING

- Analysis of the basic indexes of the geological and economic efficiency of prospecting for oil and gas in the West Siberian Plain in 1948-1961. V.I. Nazarov. Trudy VNIGRI no.237:312-318 '64.

WESTERN EUROPE see Europe, Western

WESTERN POLAND see Oder-Neisse Area

WESTERN SIBERIA see Siberia, Western

WETTING

- Unit for studying the wettability of solid bodies by liquid high-melting metals and compounds. V.P. Elutin. Zav. lab. 32 no.5:626-627 '66.

WHARVES

- Building of ports and wharves for industrial enterprises. I. Kraev. Rech. transp. 22 no.8:11-12 Ag '64.
- Unused traffic capacities of timber shipping wharves. A. Bernatskii. Rech. transp. 22 no.8:17-18 Ag '64.

WHEAT

- (see also subdivision under Kuybyshev Province)
- Correlation of the individual fractions of the wheat stem in connection with the lignification of the plant. M.I. Zvereva. Trudy TVI 9:209-211 '65.
- Effect of the generation of certified seed on the yield of spring wheat. A.A. Almantazov, A.A. Smetanin. Vest. sel'khoz. nauki [Kazakh.] 9 no.5:11-14 My '66.

WHEAT—FERTILIZERS AND MANURES see subdivision under Kuybyshev Province; Tselinograd Province

WHEAT BREEDING see subdivision under Kazakhstan; Kinel' (Kuybyshev Province)

WHEAT CERM

- Some vitamin content in wheat germ. V.F. Guretskaya, E.V. Kravchenko, V.A. Vadova. Izv. vys. ucheb. zav.; pisheh. tekhn. no.3:13-14 '66.

WHITE RUSSIA—BIBLIOGRAPHY—EARLY PRINTED BOOKS

- Spiridon Sobol', a White Russian printer. A.S. Zernova. Kniga, issl. i nat. 10:126-145 '65.

WHITE RUSSIA—BONUS SYSTEM

- Awarding bonuses under new conditions. A.IU. Khoten-chik. Prom. Bel. 9 no.5:17-19 My '66.
- Issuing bonuses to the workers of lumbering enterprises under new conditions. V.A. Voltsukhovskii. Prom. Bel. 9 no.4:25-26 Ap '66.

WHITE RUSSIA—BUILDING MATERIALS

- All resources should be used. Kh.D. Levin, K.I. Bellat, Z.S. Belkin. Prom. Bel. 9 no.5:41-42 My '66.

WHITE RUSSIA—CHEESE INDUSTRY

- Reducing weight loss in making crustless cheese. N.A. Orlova, A.B. Trancheva. Prom. Bel. 9 no.4:18 Ap '66.

WHITE RUSSIA—COLLECTIVE FARMS—PENSIONS

- Control the awarding of pensions to collective farmers. G. Volod'ko, M. Grigorovich. Fin. SSSR 49 no.6:60-63 Je '66.

WHITE RUSSIA—DRAINAGE

- Sobolevskii, R.A. [Stability of the slopes of drainage canals] Ustoychivost' otkosov meliorativnykh kanalov. Minsk, Urozhai, 1965. 211 p.

(DNAL)

WHITE RUSSIA—ECONOMIC POLICY

- Carry out the decisions of the 23d Congress of the CPSU. Prom. Bel. 9 no.5:1-2 My '66.
- Economic reform, research, innovations. Prom. Bel. 9 no.3:59-60 My '66.
- White Russian industry is our guest. Prom. Arm. 9 no.6:10 '66.

WHITE RUSSIA—ELECTRIC POWER PLANTS—FUEL SUPPLY

- Increasing the economic efficiency of new peat electric power plants. B.D. Paremshik, G.B. Pekelis, I.A. S. Opman. Prom. Bel. 9 no.4:21-23 Ap '66.

WHITE RUSSIA—FLOUR MILLS

- Use of sorting aspirators at flour mills in White Russia. I. Klelev. Muk. elev. prom. 32 no.5:12-13 My '66.

WHITE RUSSIA—FOOD INDUSTRY

- According to the year-round schedule. B. L. Kaler. Prom. Bel. 9 no.4:16-17 Ap '66.

WHITE RUSSIA—GLASS MANUFACTURE—MANAGEMENT

- Effect of efficient labor distribution. S.I. Sakharov. Prom. Bel. 9 no.4:20 Ap '66.

WHITE RUSSIA—INDUSTRIAL MANAGEMENT

- Direct relations and the efficiency of production. V.P. Lakhtin. Prom. Bel. 9 no.5:28-29 My '66.
- Formation of funds for the adaptation and promotion of the output of new and improved broad-consumption goods. A.S. Zhdanovich. Prom. Bel. 9 no.5:32-33 My '66.
- Improve the utilization of basic production funds. E.K. Kasperovich, N.S. Timofeeva. Prom. Bel. 9 no.5:34-36 My '66.
- Organization of interplant cost accounting under new conditions. A.I. Iafinskii. Prom. Bel. 9 no.5:23-25 My '66.
- Revolutionary reforms in 1917-1920. M.G. Matusovich. Prom. Bel. 9 no.4:4-6 Ap '66.
- Role of prices in the transition to a new planning system. B.D. Paremshik. Prom. Bel. 9 no.5:21-22 My '66.

Scientific labor organization in permanently used. Prom. Bel. 9 no.5:40-50 My '66.

Some problems in the transition of industry to a new management system. G.I. Bulgakov. Prom. Bel. 9 no.5:3-12 My '66.

WHITE RUSSIA—INDUSTRIAL MANAGEMENT—ECONOMIC ASPECTS

- Economic service under new conditions. A.P. Seka-zhnik. Prom. Bel. 9 no.5:25-27 My '66.

WHITE RUSSIA—INDUSTRIES

- White Russia. Statisticheskoe upravlenie. [Industry of the White Russian S.S.R.; a statistical abstract] Promyshlennost' Belorusskoi SSR; statisticheski sbornik. Minsk, Statistika, 1965. 470 p.

WHITE RUSSIA—LABOR SUPPLY

- We should improve the work of the job placement agencies of the U.S.S.R. K.P. Drzhinskii. Sov. gos. i pravo 36 no.7:133-137 Ji '66.

WHITE RUSSIA—LIME INDUSTRY

- Effect of calcination conditions and calcareous raw materials on technological properties of lime. R. I. Kantor and others. Prom. Bel. 9 no.4:19-20 Ap '66.

WHITE RUSSIA—PEAT INDUSTRY

- For you, workers in peat enterprises! Prom. Bel. 9 no.4:44-45 Ap '66.

WHITE RUSSIA—PENSIONS

- Give more attention to machine accounting for pension coverage. A. Matveeva. Vest. stat. no.7:72-73 '66.

WHITE RUSSIA—PLASTICS INDUSTRY

- Plastic articles are on the production line. P.G. Savvateev. Prom. Bel. 9 no.4:46 Ap '66.

WHITE RUSSIA—PRECISION CASTING

- Real measures for reducing expenditures in investment casting. I.A. Gol'din, N.N. Kaudurav, S.M. Derba. Prom. Bel. 9 no.4:7-8 Ap '66.

WHITE RUSSIA—PRICES

- Role of prices in the transition to a new planning system. B.D. Paremshik. Prom. Bel. 9 no.5:21-22 My '66.

WHITE RUSSIA—PUNCHED CARD SYSTEMS

- Compilation of consolidated balances by agencies with the aid of the "Minsk-2" electronic computer. B. Velen'ko, E. Khotashov. Sbor. inform. mat. Glav. upr. vych. rab. no.3:13-30 '66.

WHITE RUSSIA—RADIO PROGRAMS

- The "Day of books," a radio program. V.V. Ilovskii. Kuzh. tovg. 17 no.6:25 Je '66.

WHITE RUSSIA—STATE FARMS—FINANCE

- Mobilize the internal potentialities of state farms. V. Mikholap. Fin. SSSR 49 no.6:29-33 Je '66.

WHITE RUSSIA—TECHNICAL SOCIETIES

- Heading the campaign for economic efficiency and saving. Prom. Bel. 9 no.4:51 Ap '66.

WHITE RUSSIA—TECHNOLOGICAL INNOVATIONS

- Made in White Russia. Prom. Bel. 9 no.5:1 insert:1-2 My '66.
- Promoters of the fight for technical progress. A. B. Eysat'lev. Prom. Bel. 9 no.4:53-53 Ap '66.

WHITE RUSSIA—THEATER

- Our author. V. Stel'makh. Teatr 25 no.10:16-18 O '64.

WHITE RUSSIA—TRACTORS—SAFETY MEASURES

- Through whose fault? P. Kireenkov. Sov. profsoiuzy 22 no.11:34-35 Je '66.

WHITE RUSSIA—TRADITION (COMMUNISM)

- Preserving our battle traditions. G. Zhabitskii. Part. zhizn' no.19:50-55 Ji '66.

WHITE RUSSIA—TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

- Automotive transportation units operate under new planning conditions. A.I. Menzhinskii. Prom. Bel. 9 no.5:43-46 My '66.

WHITE RUSSIA—WAGES—LUMBERMEN

- Issuing bonuses to the workers of lumbering enterprises under new conditions. V.A. Voltsukhovskii. Prom. Bel. 9 no.4:25-26 Ap '66.

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

- Miloradova, K.A. [A reconnaissance mission] V razvedke. Moskva, DOSAAF, 1966. 61 p.

WHITE RUSSIAN DRAMA—HISTORY AND CRITICISM

Our author. V. Stel'makh. Teatr 25 no. 10:16-18 O '64.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Akademii nauk BSSR, Minsk, Institut Literatury. [History of Soviet White Russian literature in two volumes] Istoriya belaruskaj savetskaj literatury u dykhi ta-makh. Minsk, Navuka i tekhnika, Vol. 2. [1941-1964] 1941-1964 hh. 1966. 605 p.

WHITE RUSSIAN NAMES see Names, White Russian

WHITE SEA—CODFISH

Changes in feeding habits of the White Sea codfish (*Gadus morhua maris albi* Derjagin) as related to its size and intraspecific feeding relationships. L. A. Kaderskij. Vop. ikht. 6 no. 2:34-35 '65.

WHITE WHALE—PRESERVATION

Qualitative changes of the fresh muscular tissue of beluga during storage. V. V. Bal', O. V. Mironova. Izv. vys. ucheb. zav.; pishch. tekhn. no. 3:29-32 '65.

WHITEFLIES see subdivision under Maritime Territory

WHOLESALE TRADE

Sell goods in small wholesale lots without a limit. V. Nikitin. Sov. tor. 39 no. 6:35-37 Je '66.

WILD BOAR see subdivision under Azerbaijan

WILLOWS

Anatomic and morphologic structure of *Salix polaris* Wahlen. and *Salix phetophylla* Anderss. T. G. Derjagin-Sokolova. Biol. MOIP, Old. biol. 71 no. 2:28-38 Mr-Apr '66.

WILNO see Vilnius

WINDBREAKS, SHELTERBELTS, ETC.—VALUATION

Evaluation method for determining the density of shelterbelts. A. V. Ershov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:34-37 '66.

WINDING MACHINES

Winding machine. I. Stepanov. Radio no. 5:33 My '66.

WINDLASS—TRANSMISSION DEVICES

Modernized elastic friction clutch. I. Danilov. Rech. transp. 23 no. 4:43-44 Ap '64.

WINDS

(see also subdivision under Kazakhstan; Soviet Central Asia)

Calculation of winds and tangential stresses on a water surface. R. S. Bozhovskij, J. R. Orlenko, G. Kh. Tsaltin. Trudy GGO no. 107:13-43 '66.

Distribution of winds in the boundary layer. Z. M. Uilina. Trudy GGO no. 107:143-148 '66.

Effect of temperature differences on the wind field in the boundary layer. A. S. Zaitsev. Trudy GGO no. 107:139-145 '66.

Systems of winds in the lower ionosphere. E. S. Kazimirovskij. Ion. issl. no. 14:48-70 '65.

Theoretical wind velocity profile under nonstationary conditions. G. Kh. Tsaltin. Trudy GGO no. 107:54-68 '66.

WINDS—MEASUREMENT

Estimating the error of wind velocity measurements made by an anemometer set on a buoy. R. S. Kortkovskij. Trudy GGO no. 107:163-166 '66.

WINE AND WINE MAKING

Okhremenko, N. S., and N. K. Kurakina. [Technology of the making of semi-sweet wines] Tekhnologiya prigotovleniya polosladkikh vin. Simferopol', Krymizdat, 1961. 71 p. (Nauchnye dostizhenia - v proizvodstvo) (CU-A)

WINGS

Skeleton of the thoracic girdle and wing of a chicken, a guinea fowl, a turkey, a duck and a goose in comparative anatomical illumination. T. S. Siburova. Trudy TVI 94:1-50 '65.

WINSTON, HENRI, 1911-

People and events: Henri Winston; Gus Hall; Zham-sarangin Samba. Nov. vrem. 24 no. 28:12, 30 Ji '66.

WINTER SPORTS

[Laurel crown] Velka blagorodnogo lavra. Moskva, Pravda, 1960. 63 p. (Biblioteka "Komsomol'skoi pravdy," no. 8)

WIRE—TESTING

Characteristics of the structure and properties of patented, cobalt-alloyed wire. V. I. Zubov, V. R. Baraz. Izv. vys. ucheb. zav.; Chern. met. 9 no. 0:131-136 '66.

Effect of the conditions of heat treatment, degree of reduction and the chemical composition of wire on its mechanical properties. E. S. Tsvetkovskij. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:151-155 '66.

WIRE ROPE

Gushko, M. F. [Steel hoisting ropes] Stal'nye pod'emnye kanaty. Kiev, Tekhnika, 1966. 327 p.

Prevent the breakage of wire ropes during navigation on reservoirs. G. Brodetskiy. Rech. transp. 23 no. 4:39-40 Ap '64.

WIREDRAWING

Effect of the conditions of heat treatment, degree of reduction and the chemical composition of wire on its mechanical properties. E. S. Tsvetkovskij. Izv. vys. ucheb. zav.; Chern. met. 9 no. 6:151-155 '66.

WIREWORMS—EXTERMINATION

Use of rogor for protecting corn from wireworms. K. M. Logunova, L. F. Rimova. Khim. v sel'. khoz. 4 no. 2:27-28 F '66.

WITNESSES

Kalashnikova, N. I. A. [Guarantees of the rights of the witness, expert witness, interpreter and official witness in Soviet criminal procedure] Garantii prav svidetelja, eksperta, perevodchika i posnogo v sovetskom ugolevnom protsesse. [Moskva] Izd-vo Mosk. univ., 1966. 38 p.

WOMEN see subdivision under Kuban

WOMEN—EMPLOYMENT

Women in the building of a new society. T. Nikolaeva. Vsem. prof. dvizh. no. 3:18-20 My '66.

WOMEN, UKRAINIAN

Pavlykova, I. A. [The path of social work; on the 70th anniversary of the Ukrainian women's movement] Na hromadu kyj shitakh; z nadohy 70-tilia ukrains'koho zhinochoho roku. Philadelphia, Naki. Svitalo federatsii ukrains'kykh zhinochykh organizatsii, 1966. 78 p. (NN)

WOMEN AND PEACE see subdivision under United States

WOMEN AS PUBLISHERS

History of Russian progressive publishing houses in the 1860's; the publishing house of the women's cooperative organized by M. V. Trubnikov and N. V. Stasova. I. E. Barenbaum. Kniga; issl. i mat. 11:223-241 '65.

WOMEN IN AGRICULTURE see subdivision under Ivanovo Province

WOOD

Modernization of the wooden and plastic elements [Konsruktsii iz dereva i plastmass. Leningrad, Stroizdat, 1966. 352 p.

Regularity in the deformation and rheologic coefficients of beechwood. B. N. Ugolev, A. M. Manlava, V. I. Pimenova. Der. prom. 15 no. 5:14-15 My '66.

WOOD—CHEMISTRY

Pyrolysis of wood fines in a fluoridized bed. V. V. Fofilov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:130-133 '66.

Resistance of the components of fluoro-chromium-arsenic preparations to washing out of wood as related to their ratio. B. I. Teliatnikova. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:122-126 '66.

WOOD—DRYING

Modernization of the ejector-type kiln for the high-temperature drying of wood. G. I. Markushev. Der. prom. 15 no. 5:18-19 My '66.

WOOD—PRESERVATION

Evaluating the toxicity of antiseptics from the probability of wood protection. D. A. Helenkov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:94-98 '66.

WOOD, COMPRESSED

Future substitute for ferrous and nonferrous metals. V. Belyi and others. Prom. Arm. 9 no. 6:14 '66.

Possible substitute for ferrous and nonferrous metals. V. A. Belyi and others. Prom. Bel. 9 no. 4:46-47 Ap '66.

WOOD ALCOHOL see Methanol

WOOD-DECAYING FUNGI

Rates of heartrot in firs of Krasnoyarsk Territory. A. V. Kravskova. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:15-17 '66.

WOOD DISTILLATION

Shavlanskiy, A. K. [New methods of wood pyrolysis] Novye metody piroliza drevessiny. Moskva, Lesnaya promyshlennost', 1965. 252 p.

WOOD FINISHING

Mechanization of the polishing of varnished coatings. V. P. Bukharov. Der. prom. 15 no. 5:5-7 My '66. Practices in finishing TV cabinets, using polyester varnish. V. F. Alukhov. Der. prom. 15 no. 5:21-22 My '66.

WOOD PRODUCTS

Sylatkov, S. N. [Pneumatic transportation of ground wood] Pnevmaticheskiy transport izmel'chennoi drevessiny. Moskva, Lesnaya promyshlennost', 1966. 318 p.

WOOD TAR

Mechanism of the distillation of wood pyrolytic tar in tubular furnaces. Report No. 1. N. N. Kallina, A. I. Kiprianov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:139-141 '66.

WOOD-USING INDUSTRIES

Basic trends in the development of automatic and semi-automatic lines in the production of wooden structural parts. Der. prom. 15 no. 5:3-5 My '66.

Diversified and complete utilization of wood as a basic trend in increasing the effectiveness of the lumbering and wood processing industries. P. I. Koperin. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:3-6 '66.

WOODEN BUILDING see Building, Wooden

WOODPULP

Kuznetsov, V. A. [Production of sulfate pulp for the manufacture of extremely strong cord fiber] Proizvodstvo sulfatnoi tsellulozy dlia vyrobottki sverkh-prochnogo kordnogo volokna. Moskva, TSentr. nauchno-issl. i informatsii i tekhniko-ekon. issledovani po lesnoi, tsellulozno-bumazhnoi, derevoobrabatvalushchei promyshl. i lesnomu khoz., 1965. 17 p. (Bumaga i tselluloza)

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhur.; Tekh. i obor. tsel., bum. i poligr. proizv. no. 5 My '66.

WOODWORK

Dynamics of wood boring. V. V. Antonov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:107-111 '66.

Vaisman, B. A. [Advanced technology of the production of wooden chests] Progressivnaya tekhnologiya proizvodstva dereviannykh ishekhirov. Moskva, TSentr. nauchno-issl. i informatsii i tekhniko-ekon. issledovani po lesnoi, tsellulozno-bumazhnoi, derevoobrabatvalushchei promyshl. i lesnomu khoz., 1965. 46 p. (Derevoobrabotka)

WOODWORKING INDUSTRIES

Woodworking industry in the new five-year plan. Der. prom. 15 no. 5:1-2 My '66.

WOODWORKING MACHINERY

Remote control drive for adjusting woodworking machines and lines. M. D. Gosenput, I. G. Dmitriev. Der. prom. 15 no. 5:9-11 My '66.

Semiautomatic machine unit. A. I. Vorob'ev, I. G. Lobanovskij. Der. prom. 15 no. 5:25-26 My '66.

WOODWORKING MACHINERY—NOISE

Effect of the form of knives on the formation of noise in cylindrical rotary cutting. L. P. Kuleshov, V. P. Grin'kov. Der. prom. 15 no. 5:11-12 My '66.

WOODY PLANTS see subdivision under Central Chernozem region

WOOL

Examining the fleece of unimproved kurdik and Saradzh sheep and their crosses. O. Denisova, V. Kuzina, L. Sovetokina. Trudy Mosk. vet. akad. 14:240-242 '66.

Interruption between the live weight and the clip of wool, as well as between the clip and the length of wool in sheep. A. P. Lavrenchenko. Sbor. nauch. rab. stud. Sar. zotekh.-vet. inst. 3:107-111 '65.

Some characteristics of the growth of wool in kurdik sheep. V. I. Kirilukhina. Trudy Mosk. vet. akad. 14:234-239 '66.

WOOL—GRADING

Obligations exist, but what about rights? O. Sheifer. Zakup. sel'khoz. prod. no. 5:50-51 My '66.

WOOLEN AND WORSTED MANUFACTURE see subdivision under Minsk

WORK

Transformation of work into the first necessity of man, builder of communism. O. I. Borozdkina. Uch. zap. Ped. inst. Gerk. 289:134-148 '66.

WORK—PSYCHOLOGICAL ASPECTS

Kudelin, E. G. [Work is the necessity and joy of life] Trud - potrebnost' i radost' zhizni. Moskva, Mysl', 1966. 196 p.

WORK—PSYCHOLOGICAL ASPECTS (Continued)

Man at the conveyor. V. Pekelis. Sov. profsoyuzy 22 no. 13:34-36 JI '66.
On the aesthetic nature of work. P. L. Ivanov. Uch. zap. Ped. inst. Gerts. 286:149-168 '66.

WORKS COUNCILS

(see also subdivision under Khabarovsk)

A line from the resolution. A. Borisov. Sov. profsoyuzy 22 no. 13:16-17 JI '66.
New tasks, new demands. V. Riabov. Sov. profsoyuzy 22 no. 10:6-8 My '66.
The plant committee and the five-year plan. N. Karina. Sov. profsoyuzy 22 no. 10:9-10 My '66.
We are striving for the carrying out of decisions. A. Kozlov. Sov. profsoyuzy 22 no. 11:18-21 Je '66.

WORLD HISTORY—HISTORIOGRAPHY

Akademiya nauk SSSR. Institut istorii. [History and historiography; the historiography of world history] Istoriya i istoriki; istoriografiya vserossiyskoy istorii. Sbornik statei. Moskva, Nauka, 1966. 390 p.

WORLD MAPS

The 1:2,500,000 international world map. K. A. Saltsheev. Izv. AN SSSR. Ser. geog. no. 3:129-132 My-Je '66.
Shiger, A. G. [Political map of the world, 1900-1965; a reference book] Politicheskaya karta mira (1900-1965); spravochnik. Izd. 2. dop. [Moskva, Politizdat, 1966. 207 p. map (insert)]

WORLD POLITICS

At the "round table." Sh. Sanakoev. Mezhdunar. zhizn' 13 no. 6:121-123 '66.
Communist movement and world politics. Gyuia Kalai. Kommunist 43 no. 10:101-111 JI '66.
From the editor's mail. Nov. vrem. 24 no. 33:27 Ag '66.
International notes. Nov. vrem. 24 no. 26:24-25 Je '66.
International notes. Nov. vrem. 24 no. 27:25-26 JI '66.
International notes. Nov. vrem. 24 no. 28:25-26 JI '66.
International notes. Nov. vrem. 24 no. 29:24-25 JI '66.
International notes. Nov. vrem. 24 no. 30:22-24 JI '66.
International notes. Nov. vrem. 24 no. 31:22-23 JI '66.
International notes. Nov. vrem. 24 no. 32:23-24 Ag '66.
International notes. Nov. vrem. 24 no. 33:23-24 Ag '66.
International review. A. Afanas'eva, N. Khomutov. Mezhdunar. zhizn' 13 no. 8:132-140 '66.
International review. I. U. Bochkarev. Mezhdunar. zhizn' 13 no. 6:138-146 '66.
Program of ensuring peace in Europe and the whole world. Mezhdunar. zhizn' 13 no. 8:3-10 '66.
Resolutions of the Meeting of the World Council of Peace, Geneva, June 13-16, 1966; documents. Nov. vrem. 24 no. 28:35-47 JI '66.
Semiannual balance sheet. Nov. vrem. 24 no. 27:1-2 JI '66.
The 23d Congress of the CPSU and the propaganda of actual problems of world development. Mezhdunar. zhizn' 13 no. 7:130-134 '66.
Vukobrevskii, A. L. [One day spent by the planet; notes on the work of a lecturer and internationalist] Den' prozhivaniya planet; zametki o trude lektsionno-mezhdunarodnika. Izd. 2. ispr. i dop. Petrozavodsk, Karelskoye knizhnoe izd-vo, 1965. 52 p. (CS-H)

The World Peace Council in Geneva. A. Sedin. Nov. vrem. 24 no. 26:4-5 Je '66.

WORLD POLITICS—BIBLIOGRAPHY see Bibliography—World politics

WORLD WAR, 1939-1945

(see also subdivision under Albania; Azov Sea region; Baltic region; Baltic States; Crimea; Donets Basin; Karelia; Oleron, France; Rovno Province; Slovakia; Tula Province; Ukraine; White Russia; Yugoslavia)

Akademiya nauk SSSR. Institut istorii. [The recent history of Western Europe and America, 1939-1945] Novelskaya istoriya stran Zapadnoy Evropy i Ameriki, 1939-1945. Moskva, Mysl'. Vol. 2. 1966. 556 p.
[Map inserts] Karty - vkladki.

Belov, K. S., and others. [From the Volga to Prague] Ot Volgi do Pragi. Moskva, Voenizdat, 1966. 285 p.

[The first day, the last day; June 22, 1941-May 9, 1945] Den' pervyy, den' posledniy, 22 VI - 1941, 9 V - 1945. Moskva, Sovetskaya Rossiya, 1966. 309 p. illus.

The Great Patriotic War and historical science. P. Zhitlin. Kommunist 43 no. 11:63-74 JI '66.

Heroic deeds of Buryat servicemen in the frontline regions of the Great Patriotic War; documentary materials. A. K. Zolotov. Trudy BKNH no. 10:84-91 '62.

Peysner, M. N. [Two banners] Dva znamen. Moskva, Izd-vo DOSAAF, 1966. 158 p.

Soviet home front areas during the Great Patriotic War. A. P. Vasil'ev. Vop. ist. 41 no. 6:138-147 Je '66.

With a crimson cap band. F. Gavrilov. Voen. znani. 42 no. 6:10 Je '66.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

His place is in the sky. D. Syrtsov. Av. i kosm. no. 6: 82-84 Je '66.

History of a medal. N. Shimanov. Nov. vrem. 24 no. 26:17-18 Je '66.

Shmelev, N. A. [From low altitudes] S mal'kikh vysot. Moskva, Voenizdat, 1966. 214 p. (Voennoye memuary)

Ten hours behind the front line. S. Ushakov. Av. i kosm. no. 6:73-78 Je '66.

Wings of the Soviet motherland; materials for reports and talks on Soviet Air Force Day. Komm. Voen. zhizn' 47 no. 14:41-47 JI '66.

WORLD WAR, 1939-1945—CHILDREN

How the Communist Party tried to preserve and develop Soviet Ukrainian schools during the Great Patriotic War, 1941-1945. M. V. Koval'. Nauk. pratsi z ist. KPRS no. 5:143-156 '63.

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

Unwarranted calculations of Japanese imperialism. S. Budkevich. Mezhdunar. zhizn' 13 no. 6:94-102 '66.

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

Party political work in the hospitals of Soviet Armed Forces in the years of the Great Patriotic War. A. P. Berezhniak. Voen.-med. zhur. no. 5:81-83 My '66.

WORLD WAR, 1939-1945—NAVAL OPERATIONS—SUBMARINE

Memory of the heart. A. Evdokimov. Voen. znani. 42 no. 6:11-15 Je '66.

WORLD WAR, 1939-1945—NAVAL OPERATIONS, AMERICAN

Carler, Worrall Reed. [Far from bases; material and technological supplying of U.S. warships in the Pacific Ocean during the Second World War. Abridged translation of the author's "Beans, bullets, and black oil" Vydai ot baz; material'no-tekhnicheskoye obespecheniye VMS SSHA na Tikhom okeano v gody Vtoroy Mirovoy volny. Moskva, Voennoe izd-vo, 1965. 274 p. (CS-II)]

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Andreev, V. L. [The heroes of Oleron] Gerol Olerona. Minsk, Belarus', 1965. 103 p. (MI)

Korotchev, N. I. [Three heroic deeds] Tri podviga. Moskva, DOSAAF, 1966. 20 p.

Neustroev, S. A. [Path to the Reichstag] Put' k Reikhsstagu. 2. dop. i perer. izd. Voronezh, Tsentral'no-Chernozemnoye knizhnoe izd-vo, 1965. 103 p. (CS-II)

Pollitov, Z. N., ed. [Soldiers' letters] Soldatskie pis'ma. Moskva, Politizdat, 1965. 479 p. (MI)

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN

Kotlarov, I. S. [I shall come back to you, Russia!] IA vernus' k tebe, Rossiya! [Kemerovo] Kemerovskoye knizhnoe izd-vo, 1965. 59 p. (CS-II)

Litvinenko, S. N. [I bequeath implacability; testimony of a man who survived his own death] Zaveshechayu neprimirnost'; svidetel'stvo cheloveka, perezhivshogo svoju smert'. Literaturnaya zapiska Igoria Minutko. Tula, Priksknoye knizhnoe izd-vo, 1965. 46 p. (CS-II)

WORLD WAR, 1939-1945—REGIMENTAL HISTORIES

Ainutdinov, S. Kh. [There were no retreats] Ostanavlili ne bylo. Sverdlovsk, Sredno-Ural'skoye knizhnoe izd-vo, 1965. 78 p. (CS-II)

[The Perm rocket regiment] Permskiye minometchiki. [Perm] Permskoye knizhnoe izd-vo, 1964. 139 p. (CS-II)

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Aleksandrovskii, P. I., and A. N. Egorov. [Partisan Fris] Partizan Fris. [Moskva] Molodaya gvardiya, 1965. 155 p. (Chest', otvaga, muzhestvo) (CS-II)

Krutikov, I. I. [In the forests along the front; diary of a partisan] U prifrontov'kikh lesakh; zapiski partizana. [Leningrad] Lenizdat, 1965. 318 p. (NIC)

Sokolov, V. M. [A jump into the unknown] Pryzhek v neizvestnoe. Moskva, Voenizdat, 1966. 54 p. (Biblioteka soldata i munitsa)

WORMWOOD

Pharmacological study of the wormwood Artemisia vulgaris L. S. R. Semenov, V. K. Lazhinskiy. Lek. i syr. res. Irk. obl. no. 4:172-175 '63.

WORMS, INTESTINAL AND PARASITIC see subdivisions under Kharkov Province

WOUNDS

Karinkin, V. I. A. [Forensic medical examination of lesions inflicted by stabbing and cutting instruments] Sudbomeditsinskoye issledovanie povrezhdenii kolushche-rezhushchimi orudiyami. Moskva, Meditsina, 1966. 226 p.

WOUNDS—TREATMENT

Principles of the treatment of wounds combined with burns; a review of the literature. V. V. Vinnov. Voen.-med. zhur. no. 5:31-35 My '66.

WRENCHES

Wrenches made of 45Kh steel. M. A. Sholin. Mashinostroitel' no. 6:40 Je '66.

WRESTLING

Characteristics of the physical preparation for wrestling. V. T. Nutenko, P. A. Steshenko. Teor. i prak. fiz. kul't. 20 no. 6:23-24 Je '66.

Functional capacity of the respiratory apparatus in senior wrestlers. L. L. Shishanov, G. S. Tumanov. Teor. i prak. fiz. kul't. 20 no. 6:40-51 Je '66.

Method of studying motor reaction in wrestling. V. G. Solov'ev. Teor. i prak. fiz. kul't. 20 no. 6:54-55 Je '66.

Morphological foundations of the starting time for studying complex wrestling grips from a bridge position. F. V. Sudzlovskii, O. P. Khromov. Teor. i prak. fiz. kul't. 20 no. 6:38-39 Je '66.

Nature of the changes in the neuromuscular apparatus of a wrestler during a training bout. V. L. Fedorov. Teor. i prak. fiz. kul't. 20 no. 6:47-49 Je '66.

X-RAY CRYSTALLOGRAPHY

Compounds EuNi₂, TiNi₂, and LaNi₂ and their crystalline structures. P. I. Krup'nikov, E. I. Gulyanov. Dokl. AN URSR no. 6:768-771 '66.
Crystal structure of the compounds Zr₂Ni₂Si₂ and Zr₂Co₂Si₂. I. U. R. Kuz'min and others. Dokl. AN URSR no. 6:772-774 '66.

X-RAY DIFFRACTION EXAMINATION

Change of crystallinity in the radiation chlorination of polypropylene in the solid phase. R. V. Dzhangaladze and others. Vysokom. neod. 0 no. 6:103-108 Je '66.
Mechanism of the interaction of nepheline with limestone. K. I. Khazanov, S. A. Stukhova, G. V. Kuz'mina. Syr. res. leg. met. Vest. Sib. 5:3-10 '65.

Skraychevskii, A. F. [Röntgenography of liquids] Rentgenografiya zhidkostei. Kiev, Izd-vo Kievskogo univ., 1966. 122 p.

Study of the structure of polyacrylamide by the X-ray diffraction method. E. H. Kulav'nyi, Z. O. Samchenko, E. P. Nekrasov. Dokl. AN URSR no. 5:624-626 '66.

Ternary compounds with a ThMg₁₂ superstructure in the system yttrium - transition metal - aluminum. O. S. Zarechinskii. Dokl. AN URSR no. 6:767-769 '66.

Use of the X-ray diffraction method of investigating the molecular structure of sulfide acid hydrates. I. M. Mituk and others. Zhur. struk. khim. 7 no. 2:246-254 Mr-Ap '66.

X-ray diffraction examination of the structure of polymethylene salts. N. V. Gligor'ev and others. Zhur. struk. khim. 7 no. 2:270-280 Mr-Ap '66.

X-ray diffraction method for determining the grain size in tempered steels from intensity fluctuations. V. A. Landa, R. P. Leschinskaya. Zav. lab. 32 no. 5:561-566 '66.

X-RAY SPECTROSCOPY

Contributions to the theory of short-wave region of X-ray absorption spectra in single crystals and in polycrystalline samples. L. K. Izrael'skiy. Dokl. AN URSR no. 4:777-780 Je '66.

Quantitative determination of silicon distribution in maltenite cast iron. K. P. Babin, E. E. Lev, I. P. Fedorova. Izv. vya. ucheb. zav.; chem. met. 11 no. 6: 161-166 '66.

Quantitative X-ray spectral microanalysis. N. P. Il'in, L. E. Loseva. Zav. lab. 32 no. 5:543-550 '66.

X-ray potassium absorption K-spectra in mixed crystals of the system KCl - KBr and KI - KBr. L. N. Mazurek, E. E. Vainshteyn, L. N. Trushchikova. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:42-47 '66.

X RAYS—PHYSIOLOGICAL EFFECT

Beta-aminobutyric acid content in the liver of irradiated rats. V. K. Mazurek. Radiobiologiya 6 no. 3: 402-483 '66.

X RAYS—PHYSIOLOGICAL EFFECT (Continued)

- Changes in the volume of nucleus and cytoplasm of the Purkinje's cells following local X-ray irradiation of the cerebellum. V.I. Kantorova, Radiobiologiya 6 no. 3: 434-439 '66.
- Characteristics of the blood injury in little rats at their early age following whole-body X-ray irradiation. V.V. Kholin, T.F. Ivanova, Radiobiologiya 6 no. 3: 399-402 '66.
- Cytochemical changes in rabbits exposed to X-ray irradiation. M.P. Volovik, Uch. zap. KHGU 140:19-24 '63.
- Effect of general X-ray irradiation on the histological structure of shielded adrenal glands. A.S. Molotkova, Med. rad. 11 no. 6:69-74 Je '66.
- Effect of local X-ray irradiation of the medulla oblongata region on the state of the central link of depressor reflex. A.N. Balashova, Radiobiologiya 6 no. 3:403-412 '66.
- Injury of the retina by X-ray irradiation. R.K. Marmur, N.A. Manturo, Radiobiologiya 6 no. 3:431-433 '66.
- Intensification of glycogen autolysis in the marrow of rats subjected to the whole-body X-ray irradiation. V.N. Filipova, L.I. Soldatenkova, I.F. Selts, Radiobiologiya 6 no. 3:373-376 '66.
- Mechanism of the penetrating radiation injury of hard tooth tissues. S.E. Manolov, I.U. A. Fedorov, Radiobiologiya 6 no. 3:397-399 '66.
- Mechanisms of postirradiation restoration of the hemopoietic tissue. N.F. Brankina, M.I. Lushchinskaya, Radiobiologiya 6 no. 3:391-396 '66.
- Relationship between the radiation and enzyme injury of the membrane of erythrocytes in adult and newborn rats. L.V. Orlova, Radiobiologiya 6 no. 3:356-361 '66.

X RAYS—THERAPEUTIC USE

- Experimental study of the dosage in the gonad region in small distance X-ray therapy of angionas in children. E.L. Podlashuk, M.M. Khrushchev, Med. rad. 11 no. 5:15-21 My '66.
- Irradiation with soft and hard X rays in inflammatory eye diseases and painful glaucoma absolutum. S.B. Akhmedova, Trudy Azerb. nauch.-issl. inst. oft. 4:113-117 '63.

XENON

- Measuring the recombination coefficient of xenon in a disintegrating plasma. V.H. Bradskii, S.F. Zagik, V.A. Litomskii, Zhur. tekhn. fiz. 36 no. 4:640-642 Ap '66.

XENON ISOTOPES

- Xenon and argon isotopes in the oldest rocks of the earth. I.U. A. Shukolukov, I.N. Tolstikhin, Geokhimiya no. 10: 1179-1185 O '65.

XYLENE

- Developing the methods of efficient technology for conducting the process of oxidation of o-xylene to phthalic anhydride. V.S. Aliev, M.I. Rustamov, E.M. Seid-Rzaeva, Azerb. khim. zhur. no. 2:7-14 '64.
- Effect of water on the process of liquid-phase catalytic oxidation of xylenes. S.S. Gitis, V.N. Aleksandrov, P.I. Saikov, Zhur. org. khim. 2 no. 4:666-669 Ap '66.
- Synthesis of alkenyl-substituted xylene isomers. I.U. G. Mamedaliev and others. Azerb. khim. zhur. no. 2:19-22 '64.
- Ternary system m-dinitrobenzene - 2,4,6-trinitro-m-xylene - hexogen. O.F. Bogush, Izv. AN SSSR. Ser. khim. no. 6:1086-1087 '66.
- Ternary system m-dinitrobenzene - 2,4,6-trinitro-m-xylene - tetranitropentaerythritol. O.F. Bogush, Izv. AN SSSR. Ser. khim. no. 6:1084-1086 '66.

XYLITOL

- Fluorine derivatives of polyhydric alcohols. Part 3: Trifluoroacetone ketals of 1,4-anhydroxyllitol. G.M. Zarubinskii, A.I. Kol'tsov, S.N. Danilov, Zhur. ob. khim. 36 no. 6:1013-1017 Je '66.
- Fluorine derivatives of polyhydric alcohols. Part 4: Position of ketal rings of bis (trifluoroisopropylidene) xylitol. G.M. Zarubinskii, A.I. Kol'tsov, S.N. Danilov, Zhur. ob. khim. 36 no. 6:1018-1020 Je '66.

XYLOSE

- Catalytic effect of salts on the decomposition of xylose and the yield of furfural. V.K. Kononov, V.I. Sharikov, Izv. vys. ucheb. zav.; les. zhur. 9 no. 2:142-150 '66.

YAKUTIA—DIAMONDS

- Diamonds of Yakutia. B.M. Krutov, Priroda 55 no. 8:100-105 '66.

YAKUTIA—FORAGE PLANTS

- Usanova, V.M., and V.I. Porfil'ova. [Guide to forage plants in Yakutia]: grasses, sedges, legumes. Opredelitel' kornykh rastenii Yakutii; Zlakovy, Osokovy, Bobovy, Moskva, Nauka, 1966, 116 p. (DNL)

YAKUTIA—KIMBERLITE

- Principles of the evaluation of kimberlite pipes in the stage of preliminary prospecting. I.U. F. Gritsenko, Razved. i okh. nedr 32 no. 5:15-19 My '66.

YEAST

- Activation of yeast growing on molasses with various composition. L.D. Belova, Khleb. i kond. prom. 10 no. 5:22-23 My '66.
- Use of the wastes of yeast factories in the growing of chlorella. Z.I. Asaul, G.F. Beslanikina, Izv. vys. ucheb. zav.; plashch. tekhn. no. 3:105-107 '66.

YEAST—GENETIC RESEARCH

- Rate of the process of natural mutation in yeast. I.P. Arman, O.B. Kuznetsova, Dokl. AN SSSR 166 no. 4:929-931 Je '66.

YEAST AS FEED

- Fermentation of feeds on the Dzerzhinskii State Farm. D. Botov, Tekhn. v sel'khoz. 25 no. 3:24-26 Mr '65.

YEMEN—WATER SUPPLY

- There where the Mariba Dam used to stand. E. Golubovskaya, Az. i Afr. seg. 10 no. 7:20-22 Ji '66.

YENISEY RIVER WATERSHED—ICE ON RIVERS, LAKES, ETC.

- Synoptic conditions of the beginning of ice formation on the rivers of the Yenisey basin. I.M. Chernov, Trudy TSIP no. 151:171-175 '65.

YENISEY VALLEY—PALEOGEOGRAPHY

- History of the development of the Yenisey and Angara Valleys in the estuary part of the Angara. S.A. Lankhin, M.B. Sadikova, Vest. Mosk. un. Ser. 4: Geol. 21 no. 3:67-80 My-Je '66.

YEREVAN see Erivan

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG PEOPLE'S LIBRARIES see Libraries, Young people's

YOUTH

- [see also subdivision under Dzhuzkagan, Kazakhstan; Irkutsk; Sverdlovsk Province]
- The face of our young reader. E. Naglovskaya, Bibliotekar' 43 no. 6:11-17 Je '65.

YOUTH—CONGRESSES

- Let the hearts be young! E. Mezolaitis, Mol. komm. no. 8:17-18 Ag '64.
- Let the solidarity of the young people from all continents grow stronger! B. Gafurov, Mol. komm. no. 8:19-20 Ag '64.
- Our planet will hear them... A. Adzhubei, Mol. komm. no. 8:14-15 Ag '64.
- Protect your dreams! A. Mares'ev, Mol. komm. no. 8: 10-17 Ag '64.
- We belong to the same family. G. Petrosian, Mol. komm. no. 8:18-19 Ag '64.

YOUTH—EMPLOYMENT

- Editors of the journal reply to the readers. Sov. profsoliuzy 22 no. 11:46-48 Je '66.

YOUTH IN LITERATURE

- An All-Union conference devoted to the "Young hero of Soviet literature." V.D. Steklov, Bibliot. SSSR no. 30:46-57 '65.

YTTERBIUM—SPECTRA

- Isotopic shifting of resonance lines in the ytterbium spectrum. I.U. Chalko, Opt. i spektr. 20 no. 5:760-767 My '66.

YUGOSLAVIA—BIBLIOGRAPHY

- [New literature on Yugoslavia] Nov. i, po IUG. no. 5 '66.

YUGOSLAVIA—COMMERCE

- Notes on trade in Yugoslavia. V. Shimanik, Sov. torg. 39 no. 6:47-52 Je '66.

YUGOSLAVIA—FEED INDUSTRY

- The combined feed industry of Yugoslavia. M. Gorlanikov, E. Shvartsapfel', Zakup. sel'khoz. prod. no. 5: 61-62 My '66.

YUGOSLAVIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

- Historical date of a heroic struggle. A. Ratnikov, Komm. Vooruzh. Sil 47 no. 12:82-84 Je '66.
- The year 1941 in Yugoslavia. G. Slavin, Nov. vrem. 24 no. 27:13-15 Ji '66.

YUNNAN—SCARABAEIDAE

- Dung beetles of the subfamily Coprinae (Coleoptera, Scarabaeidae) from Yunnan in southwestern China. Report No. 1. O.L. Kryzhanovskii, S.I. Medvedev, Ent. obozr. 45 no. 2:397-400 '66.

YUZHNO-MUYSKIY RANGE—ASBESTOS

- Molodetznoye chrysotile-asbestos deposit. M.E. Zameshchikov, K.G. Bashta, Razved. i okh. nedr 32 no. 5:5-9 My '66.

YUZHNO-MUYSKIY RANGE—CHRYSOLOITE

- Molodetznoye chrysotile-asbestos deposit. M.E. Zameshchikov, K.G. Bashta, Razved. i okh. nedr 32 no. 5:5-9 My '66.

ZAILIYSKIY ALATAU see Trans-Ili Alatau

ZAMBIAN DIPLOMATS see Diplomats, Zambian

ZAPOROZH'YE—LABOR REST HOMES—DESIGN AND CONSTRUCTION

- Going on vacation with the whole family. V. Kirsanov, Sov. profsoliuzy 22 no. 12:28 Je '66.

ZAPOROZH'YE PROVINCE—AGRICULTURAL WORKERS

- "Nonunion" workers. G. Shecheglov, Sov. profsoliuzy 22 no. 13:30-31 Ji '66.

ZAVADSKII, IURII ALEKSANDROVICH, 1864-

- Eighteen thousand battles. I. Smek. Teatr 25 no. 10: 54-57 O '64.

IURII ZAVADSKII, K. Rudnikskii, Teatr 25 no. 10:40-53 O '64.

ZEOLITES

- Adsorption of benzene vapors on hydrogen-containing and decahydrated forms of zeolites. G.V. TSitsishvili and others. Dokl. AN SSSR 166 no. 4:860-863 Je '66.
- Isomerization, hydrogenation, and hydrosomerization of some hydrocarbons on Y-type synthetic zeolites containing group VIII metals. Kh.M. Minachev and others. Izv. AN SSSR. Ser. khim. no. 6:1001-1005 '66.
- Study of the nature of acid centers of decahydrated zeolites by means of infrared spectroscopy. S.P. Zhdanov and others. Zhur. fiz. khim. 40 no. 5:1041-1047 My '66.

ZERNOVA, ANTONINA SERGEEVNA, 1883-1964

- In memory of A.S. Zernova, 1883-1964. A.A. Sidorov, Kniga; issl. i nat. 10:338-339 '65.

ZHAMTSARANO, TSYDEN ZHAMTSARANOVICH, 1880-

- Tsyden Zhamtsarano on the 80th anniversary of his birth. B.D. TSibikov, Trudy BKNII no. 10:121-140 '62.

ZHDANOV—FOOD SERVICE

- Path to the dietetic luncheon is thorny... I. Zheleznova, Sov. profsoliuzy 22 no. 12:26-27 Je '66.

ZHDANOV—IRON AND STEEL PLANTS—LABOR PRODUCTIVITY

- Praiseworthy initiative of the collective of the No. 6 open-hearth furnace at the Il'ich Metallurgical Plant at Zhdanov. Met. i gornorud. prom. no. 3:80 My-Je '66.

ZHDANOV—STEEL INDUSTRY—FINANCE

- On the issuing of credit on the basis of turnover. I. Levin. Den. i kred. 24 no. 6:50-52 Je '66.

ZHDANOV—WAGES—MACHINERY INDUSTRY

- Use of the material incentive fund. V. Nikulina, T. Golousova, Plan. khoz. 43 no. 7:53-59 Ji '66.

ZHETYSAY OIL FIELD—WATER, UNDERGROUND—COMPOSITION

- Some results of the study of underground waters in the Zhetysay oil field (Mangyshlak). M.A. Vitienskii, Trudy VNIGRI no. 237:240-252 '64.

ZHITOMIR PROVINCE—BRICKS

- Inexpensive bricks mean poor construction. F. I. Asyn'sk's'kiy, V. Steblets'kiy, Sil. i bud. 14 no. 11:18 N '64.

ZHUKOV, INNOKENTII NIKOLAEVICH, 1875-

- Sculptor and teacher. V. Iakovlev, Nar. obr. no. 7: 88-80 Ji '66.

ZHUKOVSKII, NIKOLAI EGOROVICH, 1947-1921

- Strizhevskii, S.I.A. [N.E. Zhukovskii - the founder of the science of aeronautics] N.E. Zhukovskii - osnovopolozhnik aviatsonnoi nauki. Izd. 2., perer. i dop. Pod red. G.F. Burago, Moskva, Voenizdat, 1966, 137 p. (Nauchno-popul'naya biblioteka voennogo izdatel'stva)

ZINC—PHYSIOLOGICAL EFFECT

- Effect of zinc ions on the excitable membrane of the skeletal muscle fiber. E.G. Varnovitskii, B.I. Khodakov, Bliz. eksp. biol. i med. 61 no. 6:8-11 Je '66.

ZINC—COPPER ALLOYS see Copper-zinc alloys

ZINC CRYSTALS, EFFECT OF RADIATION ON

- Effect of irradiation on the mechanical properties of single crystals of zinc in the presence of surface-active metallic melts. O.A. Trolitskii, I.G. Berzina, Fiz. met. i metalloved. 18 no. 1:125-131 Ji '64.

ZINC ISOTOPES

- Spectrum of γ -rays arising in thermal neutron capture in zinc isotopes. L.V. Groshev, A.M. Demidov, M. Shadiev, Izv. AN SSSR. Ser. fiz. 30 no. 7:1136-1141 Ji '66.

ZINC ORES

Studying the kinetics of the oxidation of zinc sulfide in the region of the polymorphic transformation of sphalerite into wurtzite. V. A. Brukvina, I. A. Burdakov, I. U. V. TSvetkov. Izv. AN SSSR. Met. no. 3:53-66 My-Je '66.

ZINC OXIDE—SPECTRA

Nature of the luminescence bands of zinc oxide in the visible region of the spectrum. L. M. Zelekin. Vest. LGU 21 no. 10:51-60 '66.

ZINC PHOSPHIDES—TOXICOLOGY

Poisoning of farm animals by zinc phosphide. V. S. Ivanov. Sbor. nauch. rab. stud. Sat. zootekh.-vet. inst. 3: 13-17 '65.

ZINC PLATING

Roughness of zinc and cadmium coatings and its relation to cathode polarizability. N. A. Kovarskii, N. P. Gausin. Izv. SO AN SSSR no. 3. Ser. khim. nauk no. 1:152-155 '66.

ZINC SULFIDE CRYSTALS

Electroluminescence of zinc sulfide as a recombination controlled by an electric field. F. I. Kolomoitsev, V. M. Korsun'. Opt. i spektr. 20 no. 5:859-865 My '66.

ZIRCON see subdivision under Azov Sea region

ZIRCONIUM see subdivision under Amur Province

ZIRCONIUM—CORROSION

Zirconium corrosion in an NaCl-KCl melt in the atmosphere of air and chlorine. V. P. Volodin, M. V. Smirnov, I. N. Ozerianina. Trudy Inst. elektrokhim. UFAN SSSR no. 7:83-89 '65.

ZIRCONIUM—SPECTRA

Electron paramagnetic resonance of Er^{3+} ions in zircon crystals of ZrSiO_4 . R. M. Valishev and others. Geokhimiia no. 10:265 O '65.

ZIRCONIUM COMPOUNDS

Equilibrium coefficient of separation of K_2ZrF_6 and K_2HfF_6 in crystallization from aqueous solution. O. I. Egerev, A. D. Pogorelyi. Zhur. prikl. khim. 39 no. 5:1186-1187 My '66.

ZIRCONIUM-NIOBIUM ALLOYS see Niobium-zirconium alloys

ZIRCONIUM HYDRIDES

Averaging of cross sections in the thermal region for media containing zirconium hydride. L. M. Gorbunov and others. Atom. energ. 20 no. 5:438-439 My '66.

ZIRCONIUM PLATING

Effect of the conditions of electrolysis on the structure of zirconium deposits. Part 3: Role of the valence state of zirconium in a melt. A. N. Baraboshkina, K. I. Lebedeva. Trudy Inst. elektrokhim. UFAN SSSR no. 7: 59-67 '65.

ZIRCONIUM SULFATES

Tanning properties of zirconium sulfate. Report No. 1. V. F. Dukhota, N. P. Kotov. Izv. vys. ucheb. zav. i tekhn. leg. prom. no. 2:76-107 '66.

ZODIACAL LIGHT—MEASUREMENT

Reduction of photometric measurements of the zodiacal light for the influence of twilight radiation. N. D. Divari. Astron. zhur. 43 no. 3:593-597 My-Je '66.

ZOOLOGY—STUDY AND TEACHING

Bykov, B. B. [Little zoological garden in school; its organization and equipment]. Zoologicheskii zhivot ugotok v shkole; organizatsiya i oborudovaniye. [Leningrad] Leningrad, 1966. 92 p.

ZOOPLANKTON

Summer zooplankton in Lake Illial of Dzhabul Province. S. I. Ibrahimova, V. V. Kuzmina. Vest. sel'khoz. nauch. [Kazakhst.] 9 no. 5:102-105 My '66.

ZVORYKIN, NIKOLAI PROKOF'EVICH

Masters of restoration; N. P. Zvorykin, E. Shchukina. Arkh. SSSR no. 5:56 '66.

Monthly Index *of* Russian Accessions



Volume 19, No. 7

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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.	CaOTR	Royal Canadian Institute, Toronto, Canada.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.	CaOTRM	(Collection included with CaOTU)
AU	University of Alabama, University	CaOTU	Royal Ontario Museum, Zoology and Paleontology Library, Toronto, Canada
AzTeS	Arizona State College, Tempe	CaOWA	University of Toronto, Toronto, Canada
AzU	University of Arizona, Tucson		Assumption University Library, Windsor, Canada
C	California State Library, Sacramento	CaQMAI	Arctic Institute of North America, Montreal, Canada
CBPac	Pacific School of Religion, Berkeley	CaQMBM	Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal, Canada
CCC	Honold Library, Claremont, Calif.	CaQMM	McGill University, Montreal, Canada
CFS	Fresno State College, Fresno, Calif.	CaQMU	La Bibliothèque de l'Université de Montréal, Montreal, Canada
CL	Los Angeles Public Library	CaSSU	University of Saskatchewan, Saskatoon, Canada
CLCM	Los Angeles County Museum Library, Los Angeles	CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CLL	Los Angeles County Law Library, Los Angeles	CoD	Denver Public Library
CLM	Los Angeles County Medical Association, Los Angeles	CoDM	Medical Society of the City and County of Denver
CLSU	University of Southern California, Los Angeles	CoFS	Colorado State University, Fort Collins
CLSU-H	— Hancock Library of Biology	CoU	University of Colorado, Boulder
CLU	University of California at Los Angeles	CtHT	Trinity College, Hartford, Conn.
CMthL	University of California, Lick Observatory, Mount Hamilton	CtU	University of Connecticut, Storrs
CPT	California Institute of Technology, Pasadena	CtW	Wesleyan University, Middletown, Conn.
CSf	San Francisco Public Library	CtY	Yale University, New Haven
CSfA	California Academy of Sciences, San Francisco	CtY-L	— Law Library
CSfU	University of San Francisco, San Francisco	CtY-M	— Medical School Library
CSmH	Henry E. Huntington Library, San Marino, Calif.	DAIA	American Institute of Architects Library, Washington, D. C.
CSt	Stanford University Libraries, Stanford, Calif.	DAL	U. S. Army Library, Pentagon Building
CSt-H	— The Hoover Institution on War, Revolution, and Peace	DBC	U. S. Bureau of the Census Library
CSt-L	— Lane Medical Library	DBS	U. S. National Bureau of Standards Library
CStbS	University of California, Santa Barbara Library, Goleta	DC	U. S. Department of Commerce Library
CStmoR	Rand Corporation, Santa Monica, Calif.	DCU	Catholic University of America Library, Washington, D. C.
CU	University of California, Berkeley	DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
CU-A	— University of California, Davis	DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
CU-B	— Bancroft Library, Berkeley	DFR	Board of Governors of the Federal Reserve System
CU-E	— East Asiatic Library, Berkeley	DGC	Gallaudet College Library, Washington, D. C.
CU-L	— Law Library, Berkeley	DHEW	U. S. Department of Health, Education, and Welfare Library
CU-M	— Medical Center, San Francisco	DHFF	U. S. Housing and Home Finance Agency Library
CU-Riv	— College of Arts, Letters and Science, Riverside	DI	U. S. Department of the Interior Library
CU-S	— Scripps Institution of Oceanography, La Jolla	DI-GS	— Geological Survey Library
CaAEU	University of Alberta, Edmonton, Canada	DM	U. S. Bureau of Mines Library. (Library integrated with DI)
CaBVa	Vancouver Public Library, Vancouver, Canada	DN	U. S. Department of the Navy Library.
CaBVaU	University of British Columbia, Vancouver, Canada	DN-HO	— Naval Oceanographic Office Library
CaBVIPA	Provincial Archives, Victoria, Canada	DN-Ob	— Naval Observatory Library
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada	DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
CaNBFU	University of New Brunswick, Fredericton, Canada	DNAL	National Agricultural Library
CaOKQ	Queen's University, Kingston, Canada	DNIH	National Institutes of Health Library, Bethesda, Md.
CaOL	London Public Library, London, Canada	DNLM	U. S. National Library of Medicine
CaOLU	University of Western Ontario, London, Canada	DNW	U. S. National War College Library, Fort McNair
CaOOA	Public Archives Library, Ottawa, Canada	DP	U. S. Patent Office Library
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada	DS	U. S. Department of State Library
CaOOCC	Carleton College, Ottawa, Canada	DSC	Scottish Rite Supreme Council Library, Washington, D. C.
CaOOF	Department of Finance Library, Ottawa, Canada	DSI	Smithsonian Institution Library, Washington, D. C.
CaOOG	Geological Survey of Canada, Ottawa, Canada	DSI-AO	— Astrophysical Laboratory Library
CaOOGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada	DSI-E	— Bureau of American Ethnology Library
CaOOH	Laboratory of Hygiene, Ottawa, Canada	DSI-M	— National Museum Library
CaOOM	Bureau of Mines Library, Ottawa, Canada	DWB	U. S. Weather Bureau Library
CaOON	National Research Council, Ottawa, Canada	DeU	University of Delaware, Newark
CaOONDR	Library, Directorate of Scientific Information Service, Defence Research Board, Ottawa, Canada	FMU	University of Miami, Coral Gables, Fla.
CaOONM	National Museum, Ottawa, Canada	FTaSU	Florida State University, Tallahassee
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada	FU	University of Florida, Gainesville
CaOOU	University of Ottawa, Ottawa, Canada		
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada		

GAT	Georgia Institute of Technology, Atlanta	MH-Mi	— Mineralogical Library
GEU	Emory University, Atlanta	MH-O	— Astronomical Observatory, the Phillips Library
GU	University of Georgia, Athens	MH-P	— Peabody Museum Library
HU	University of Hawaii, Honolulu	MH-PR	— Physics Research Library
HU-EWC	Center for Cultural and Technical Interchange between East and West	MH-SD	— Graduate School of Design Library
I	Illinois State Library, Springfield	MH-Z	— Museum of Comparative Zoology Library
IArg	Argonne National Laboratory, Argonne, Ill.	MMeT	Tufts University, Medford, Mass.
IC	Chicago Public Library	MNS	Smith College, Northampton, Mass.
ICA	Art Institute of Chicago, Chicago	MshM	Mount Holyoke College, South Hadley, Mass.
ICAC	American College of Surgeons Library, Chicago	MWalB	Brandeis University, Waltham, Mass.
ICF	Chicago Natural History Museum, Chicago	MWelC	Wellesley College, Wellesley, Mass.
ICJ	John Crerar Library, Chicago	MWhB	Marine Biological Laboratory, Woods Hole, Mass.
ICN	Newberry Library, Chicago	MdAN	U. S. Naval Academy, Annapolis
ICRL	Center for Research Library, Chicago. Midwest Interlibrary Center	MdBJ	Johns Hopkins University, Baltimore
ICU	University of Chicago, Chicago	MdBJ-W	— William H. Welch Medical Library
ICU-Y	Yerkes Observatory, Williams Bay, Wis.	MdBWA	Walters Art Gallery, Baltimore
ICarBS	Southern Illinois University, Carbondale	MdU	University of Maryland, College Park
IEN	Northwestern University, Evanston, Ill.	MeB	Bowdoin College, Brunswick, Maine
IEN-C	— Joseph Schaffner Library of Commerce, Chicago	MeWC	Colby College, Waterville, Maine
IEN-M	— Medical School Library, Chicago	MiD	Detroit Public Library
IHi	Illinois State Historical Library, Springfield	MiDA	Detroit Institute of Arts
IU	University of Illinois, Urbana	MiDW	Wayne State University, Detroit
IU-M	— Medical Sciences Library, Chicago	MiEM	Michigan State University, East Lansing
IaAS	Iowa State University of Science and Technology, Ames	MiMidD	Dow Chemical Company, Midland, Mich.
IaU	Iowa State University of Iowa, Iowa City	MiU	University of Michigan, Ann Arbor
IaU-L	— College of Law Library	MiU-C	— William L. Clements Library
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho	MiU-L	— Law Library
IdU	University of Idaho, Moscow	MiWar	General Motors Corporation, Research Laboratories Division, Warren, Mich.
In	Indiana State Library, Indianapolis	GMR	James Jerome Hill Reference Library, St. Paul
InLA	Indiana Academy of Science Library, Indianapolis	MnSJ	University of Minnesota, Minneapolis
InLP	Purdue University, Lafayette, Ind.	MnU	— Department of Agriculture Library, St. Paul
InND	University of Notre Dame, Notre Dame, Ind.	MnU-A	— Bio-Medical Library
InU	Indiana University, Bloomington	MnU-B	— Law Library
KAS	St. Benedict's College, Atchison, Kan.	MnU-L	Central College, Fayette, Mo.
KMK	Kansas State University, Manhattan	MoFC	Linda Hall Library, Kansas City
KU	University of Kansas, Lawrence	MoKL	University of Missouri School of Mines and Metallurgy, Rolla
KU-L	— School of Law Library	MoRM	St. Louis Public Library
KU-M	— Medical Center Library, Kansas City	MoS	Missouri Botanical Garden, St. Louis
KyU	University of Kentucky, Lexington	MoSB	St. Louis University, St. Louis
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.	MoSU	Washington University, St. Louis
LU	Louisiana State University, Baton Rouge	MoSW	— Medical School Library
MA	Amherst College, Amherst, Mass.	MoSW-M	University of Missouri, Columbia
MB	Boston Public Library	MoU	Mississippi State University, State College
MBA	American Academy of the Arts and Sciences, Boston	MsSM	University of Mississippi, Oxford
MBat	Boston Athenaeum, Boston	MsU	Montana State College, Bozeman
MBM	Boston Medical Library, Boston	MtBC	Montana State University, Missoula
MBN	Boston Society of Natural History, Boston	MtU	New York State Library, Albany
MBU	Boston University	N	Wells College, Aurora, New York
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.	NAurW	Brooklyn Public Library
MCM	Massachusetts Institute of Technology, Cambridge, Mass.	NB	Brooklyn Museum Libraries, Brooklyn
MH	Harvard University, Cambridge, Mass.	NBB	Brooklyn College, Brooklyn
MH-A	— Arnold Arboretum, Jamaica Plain	NBC	Brooklyn Botanic Garden, Brooklyn
MH-AH	— Andover-Harvard Theological Seminary Library	NBG	Academy of Medicine of Brooklyn Library, Brooklyn
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.	NBM	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
MH-BL	— Biological Laboratories Library	NBSU-M	Buffalo Society of Natural Sciences, Buffalo
MH-C	— Chemistry Library	NBuB	University of Buffalo, Buffalo
MH-F	— Farlow Reference Library	NBuU	Hamilton College, Clinton, N. Y.
MH-FA	— Fogg Art Museum Library	NCH	Corning Glass Works Library, Corning, N. Y.
MH-G	— Gary Herbarium Library	NCornic	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
MH-GM	— Gordon McKay Library	NCsC	Cornell University, Ithaca, N. Y.
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)	NIC	— State Colleges of Agriculture and Home Economics
MH-L	— Law School Library	NIC-A	New York Public Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston	NN	American Geographical Society, New York
		NNA	New York Botanical Garden, Bronx Park, New York
		NNBG	Columbia University, New York
		NNC	— Law Library
		NNC-L	— Medical Library
		NNC-M	— Teachers College Library
		NNC-T	

NNCC	Chemists' Club, New York	OSTe	Carnegie Library, Steubenville, Ohio
NNCoCl	College of the City of New York, New York	OU	Ohio State University, Columbus
NNCoRM	Cornell University Medical College Library, New York	OUCA	Chemical Abstracts, Ohio State University, Columbus
NNE	Engineering Societies Library, New York	OkS	Oklahoma State University, Stillwater
NNF	Fordham University, New York	OkU	University of Oklahoma, Norman
NNIS	Library for Intercultural Studies, New York	OrCS	Oregon State University, Corvallis
NNJ	Jewish Theological Seminary of America, New York	OrPR	Reed College, Portland, Ore.
NNM	American Museum of Natural History, New York	OrU	University of Oregon, Eugene
NNMM	Metropolitan Museum of Art Library, New York	P	Pennsylvania State Library, Harrisburg
NNNAM	New York Academy of Medicine, New York	PBL	Lehigh University, Bethlehem, Pa.
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York	PBm	Bryn Mawr College, Bryn Mawr, Pa.
NNR	Russell Sage Foundation, College of the City of New York	PHC	Haverford College, Haverford, Pa.
NNRI	Rockefeller Institute for Medical Research, New York	PLF	Franklin and Marshall College, Lancaster, Pa.
NNU	New York University Libraries, New York	PP	Free Library of Philadelphia
NNU-H	— University Heights Library	PPAN	Academy of Natural Sciences, Philadelphia
NNU-M	— Bellevue Medical Center Libraries (Includes Neuropsychiatric Library)	PPAmP	American Philosophical Society, Philadelphia
NNU-W	— Washington Square Library	PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
NNUN	United Nations Library, New York	PPC	College of Physicians of Philadelphia
NPV	Vassar College, Poughkeepsie, N. Y.	PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
NRE	Eastman Kodak Company, Rochester, N. Y.	PPF	Franklin Institute, Philadelphia
NRU	University of Rochester, Rochester, N. Y.	PPLas	La Salle College, Philadelphia
NSyU	Syracuse University, Syracuse, N. Y.	PPPM	Philadelphia Museum of Art
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.	PPT	Temple University, Philadelphia
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.	PPUC	Union Library Catalogue of the Philadelphia Metropolitan Area, Philadelphia
NYhI	International Business Machines Corporation, Thomas J. Watson Research Center, Yorktown Heights, New York	PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
NbU	University of Nebraska, Lincoln	PPI	Carnegie Library of Pittsburgh, Pittsburgh
NcD	Duke University, Durham, N. C.	PPiCI	Carnegie Institute of Technology, Pittsburgh
NcGW	Woman's College of the University of North Carolina, Greensboro	PPIU	University of Pittsburgh, Pittsburgh
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh	PRosC	Rosemont College, Rosemont, Pa.
NcU	University of North Carolina, Chapel Hill	PSC	Swarthmore College, Swarthmore, Pa.
NcU-H	— Division of Health Affairs. (North Carolina Memorial Hospital)	PSt	Pennsylvania State University, University Park
NdU	University of North Dakota, Grand Forks	PU	University of Pennsylvania, Philadelphia
Nh	New Hampshire State Library, Concord	PU-BZ	— Botany-Zoology Library
NhD	Dartmouth College, Hanover, N. H.	PU-El	— Moore School of Electrical Engineering Library
NhU	University of New Hampshire, Durham	PU-FA	— School of Fine Arts Library
NJI	Irrington Free Public Library, Irvington, N. J.	PU-Math	— Mathematics-Physics Library
NjMuA	Air Reduction Company, inc., Central Research Department Library, Murray Hill	PU-Mu	— University Museum Library
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.	PU-Penn	— Penniman Library of Education
NjN	Newark Public Library, Newark, N. J.	PU-Se	— Towne Scientific School Library
NjP	Princeton University, Princeton, N. J.	RPB	Brown University, Providence, R. I.
NjPT	Princeton Theological Seminary, Princeton, N. J.	RU	University of Rhode Island, Kingston
NjR	Rutgers University, New Brunswick, N. J.	ScU	University of South Carolina, Columbia
NmUpU	New Mexico State University of Agriculture, Engineering and Science, University Park	TCU	University of Chattanooga, Chattanooga, Tenn.
NvU	University of Nevada, Reno	TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
O	Ohio State Library, Columbus	TOU	Oak Ridge Associated Universities, Oak Ridge, Tenn.
OCH	Hebrew Union College, Cincinnati	TU	University of Tennessee, Knoxville
OCLloyd	Lloyd Library and Museum, Cincinnati	TxCM	Agricultural and Mechanical College of Texas, College Station
OCU	University of Cincinnati, Cincinnati	TxDaM	Southern Methodist University, Dallas
OCI	Cleveland Public Library	TxHR	Rice Institute, Houston
OCIBHS	Benedictine High School, Cleveland	TxLT	Texas Technological College, Lubbock
OCICS	Case Institute of Technology, Cleveland	TxU	University of Texas, Austin
OCJC	John Carroll University, Cleveland	ULA	Utah State University of Agriculture and Applied Science, Logan
OCIM	Cleveland Medical Library	UPB	Brigham Young University, Provo, Utah
OCIMA	Cleveland Museum of Art	ViBibV	Virginia Polytechnic Institute, Blacksburg
OCiW	Western Reserve University, Cleveland	VIU	University of Virginia, Charlottesville
OCoB	Battelle Memorial Institute, Columbus	VIU-L	— Law Library
ODW	Ohio Wesleyan University, Delaware, Ohio	VIW	College of William and Mary, Williamsburg
OHi	Ohio State Historical Society, Columbus	ViMIM	Middlebury College, Middlebury, Vt.
OKentC	Kent State University, Kent, Ohio	VtU	University of Vermont and State Agricultural College, Burlington
OO	Oberlin College, Oberlin, Ohio	WAP	Institute of Paper Chemistry, Appleton
OOxM	Miami University, Oxford, Ohio	WHi	State Historical Society of Wisconsin, Madison
		WU	University of Wisconsin, Madison
		WaU	University of Washington, Seattle
		WvU	West Virginia University, Morgantown
		WyU	Wyoming University, Laramie

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Periodicals Available in English Translation Cover-to-Cover.

1. GENERAL

AKADEMIA NAVUK BSSR, Minsk. Addzhalenne hrnadskikh navuk. [Materials for the 9th Conference of Young Scholars; social sciences] Materialy k IX konferentsii molodykh uchenykh; obshchestvennye nauki. Pod obshchey red. T.S. Gorbunova. Minsk, 1964. 201 p.

LENINGRAD. INZHENERNO-STROITEL'NYI INSTITUT. Nauchnaya konferentsiya, 22. [Social sciences, Russian and foreign languages; reports] Obshchestvennye nauki. Russkii i inostrannyi yazyki; doklady. Leningrad, 1964. 60 p.

2. BIBLIOGRAPHY

AHUF, M.A., and N.T. KOVAL'. [Bring the book to the masses; book trade in the Soviet Ukraine, 1916-1964. Brief history outline] Knyhu — v masu; knyzhkovy torhivlia v Radnans'kii Ukraini 1916-1964. Korotkiy istoricheskyy narys. Kharkiv, Red.-vydavnychiy Knazhkovoi palaty URSR, 1965. 183 p.

AKADEMIA NAUK SSSR. Biblioteka. [Materials and reports on the collections of the Manuscripts and Rare Books Division of the Library of the Academy of Sciences of the U.S.S.R.] Materialy i soobshcheniya po fondam otdeila rukopisnoi i redakoi knigi Biblioteki Akademii nauk SSSR. Moskva, Nauka, 1966. 204 p.

GANENKO, P.T. [History of the Kishinev Public Library, 1830-1917] Istoriia Kishinevskoi publichnoi biblioteki, 1830-1917 gg. Kishinev, Kartia moldovenaske, 1966. 112 p.

KNYZHIKOVA PALATA UKRAINS'KOI RSR. [Periodical publications of the Ukrainian S.S.R., 1917-1960; newspapers. A bibliographic reference book] Periodychni vydannia URSR, 1917-1960; gazety. Bibliografichnyi dovidnyk. Kharkiv, Redaktsiino-vydavnychiy viddil Knazhkovoi palaty URSR, 1965. 375 p.

MOLODAIA GVARDIYA, IZDATEL'STVO, Moscow. [The lives of remarkable people; a catalog, 1933-1963] Zhizn' zamечатel'nykh liudei; katalog, 1933-1963. Moskva, 1963. 180 p. facsim. (Zhizn' zamечатel'nykh liudei: Seriya biografiy, no.20(375)) (NCC)

PESHKIN, P. [Printing industry of Komi A.S.S.R.] Poligraficheskaya promyshlennost' Komi ASSR. Syktyvkar, Komi knizhnoe izd-vo, 1963. 28 p.

RATKOVA, E.V. [History of library science in foreign countries; methodological manual for correspondence students of library science faculties] Istoriia biblioteknogo dela v zarubezhnykh stranakh; uchebno-metodicheskoe posobie dlia studentov-zachetnikov biblioteknykh fakul'tetov. Moskva, Mosk. gos. in-t, 1965. 70 p.

TIURIN, A.A. [Printing machines] Pechatnye mashiny. Moskva, Kniga, 1966. 460 p. (Konstruktsii i raschet poligraficheskikh mashin)

VSESOIUZNYI NAUCHNO-ISLEDovATEL'SKII INSTITUT EKONOMIKI MINERAL'NOGO SYR'IA I GEOLOGORAZVEDOCHNYKH RABOT. [Universal decimal classification, (UDC); tables for branches of geology, geodesy, cartography, and related branches of science and technology] Universal'nain desiatichnain klassifikatsiia (UDK); otzraslovyye tablitsy po geologii, geodezii, kartografii i smezhnym otzraslam nauki i tekhniki. Moskva, Nedra, 1966. 222 p.

3. PHILOSOPHY & RELIGION

AFANAS'EV, V.G. [Fundamentals of philosophy for students attending schools on the fundamentals of Marxism-Leninism] Osnovy filosofskikh znaniy dlia slushatelei shkol osnov marksizma-leninizma. Moskva, Mysl', 1966. 350 p.

AKADEMIA NAUK SSSR, Institut filosofii. [Dialectics - the theory of cognition; Lenin on the elements of dialectics] Dialektika - teoriia poznaniia; Lenin ob elementakh dialektiki. Moskva, Nauka, 1965. 511 p. (NcU)

AKADEMIA NAUK SSSR, Leningradskaya kafedra filosofii. [Problem of value in philosophy] Problema tsennosti v filosofii. Moskva, Nauka, 1966. 260 p.

ANDRIANOV, N.P., R.A. LOPATKIN, and V.V. PAVLUNK. [Characteristics of modern religious consciousness] Osobennosti sovremennogo religioznogo soznaniia. Moskva, Mysl', 1966. 246 p.

ASKIN, I.A. F. [Problem of time; its philosophical interpretation] Problema vremeni; ee filosofskoe istolkovanie. Moskva, Mysl', 1966. 198 p.

BULGAKOV, S.N. [Orthodoxy; outline of the teaching of the Orthodox Church] Pravoslaviye; ocherki ucheniia pravoslavnoi tserkvi. Paris, YMCA-Press [1965?] 403 p. (NcP)

BZHALAVA, I.T. [Psychology of set and cybernetics] Psikhologiya ustanovki i kibernetika. Moskva, Nauka, 1966. 249 p.

CHERKASOV, S.M. [True essence of neo-Freudianism] Istinnaya sushchnost' neofreйдizma. Leningrad, Ob-vo "Znanie" RSFSR, 1966. 39 p.

CHERNOV, V.I. [Analysis of philosophical concepts; certain problems of theory] Analiz filosofskikh poniatii; nekotorye voprosy teorii. Moskva, Nauka, 1966. 213 p.

CHIKNAVERIANTS, A.A. [Categories of materialistic dialectic] Kategorii materialisticheskoi dialektiki. Moskva, Politizdat, 1966. 49 p. (Metodicheskie sovery po filosofii)

COLLINS, MABEL. [Mystery of the year; excerpts from the books "History of the year" and "When the sun moves west"] Misteriia goda; vyipiski iz knig "Istoriia goda" i "Kogda Solntse dvizhetsia na Sever." Boston, Alba, 1965. 87 l.

HUME, DAVID. [Works in two volumes. Translated from English] Sochineniia v dvukh tomakh. Moskva, Mysl'. Vol.2. 1965. 926 p. (Filosofskie nasledie)

IZIMBEV, T. [Islam and our time] Islam i sovremennost'. Nukus, Karakalpakskoe gos. izd-vo, 1963. 169 p.

KLUCHEVSKII, V.O. [Significance of the Reverend Sergii for the Russian people and state] Znacheniye prepodobnogo Sergiia dlia russkogo naroda i gosudarstva. New York, Diocesan Pub. house, 1954. 40 p. (Biblioteka russkogo dukhovnogo vozrozhdeniia. Seria 1, no.1) (OrU)

KOVALEV, A.G., A.A. STEPANOV, and S.N. SHABALIN, eds. [Psychology; a textbook for pedagogical institutes] Psikhologiya; uchebnoe posobie dlia pedagogicheskikh institutov. Moskva, Prosveshcheniie, 1966. 460 p.

KRASNOV, A.V. [Criticism of the Christian conception of the historical process; based on materials of Russian Orthodoxy] Kritika khristianskoi konseptsii istoricheskogo protsessia; na materialakh russkogo pravoslaviia. Moskva, Mysl', 1966. 70 p.

LENIN, V.I. [Three sources and three component parts of Marxism] Tri istochnika i tri sostavnykh chasti marksizma. Moskva, Politizdat, [1965] 14 p.

LENINGRAD. MUZEI ISTORII RELIGII I ATEIZMA. [Religion and atheism in the West; guide to the Museum of the History of Religion and Atheism] Religii i ateizm na Zapade; putevoditel' - spravochnik po Muzeiu istorii religii i ateizma. Sots. V.L. Andrianova i dr. Moskva, Nauka, 1965. 186 p.

MARKOV, A.S. [Truth about Saint Iosif] Pravda o sviatom Iosife. Astrakhan', Nizhne-Volzhskoe knizhnoe izd-vo, 1965. 45 p.

MELIUKHIN, S.T. [Is it possible to foresee the future?] Mozhno li predvidet' budushchee? Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. XII Seria; Estestvoznamie i religii, no.5)

[MEMORABLE LEGENDS OF THE DEEDS OF HOLY AND BLESSED FATHERS. Translated from Greek] Dostopamiatnyia skazaniia o podvizhnichestve sviatykh i blazhennykh ottsiov. [n.p.] Vichnoe, 1965. 223 p. (CU)

MOSCOW. VOENNO-POLITICHESKAYA AKADEMIYA. Kafedra nauchnogo kommunizma. [Fundamentals of scientific communism; course of lectures] Osnovy nauchnogo kommunizma; kurs lekttsii. Moskva, Voenizdat. No.3. 1965. 251 p.

MOSTEPANENKO, A.M., and M.V. MOSTEPANENKO. [Four-dimensionality of space and time] Chetyrekhdimensional'nost' prostranstva i vremeni. Moskva, Nauka, 1966. 189 p.

NARSKII, I.S. [Urgent problems of the Marxist-Leninist theory of knowledge] Aktual'nye problemy marksistsko-leninskoi teorii poznaniia. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. II Seria; Filosofiya, no.13)

OBSHCHESTVO "ZNANIE" RSFSR. Leningradskoe otdeleniie. [Ethical sense of our contemporary; lectures and articles] Moral'nye chuvstva nashogo sovremennika; sbornik lekttsii i statii. Leningrad, 1966. 236 p.

PERETURIN, A.F. [Unity of the attributes of matter] Edinstvo atributov materii. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. Seria 2; Filosofiya, no.4) (MH)

PINCHUK, L.T. [Holiday of Saint Elijah] I'ia den'. Moskva, Politizdat, 1966. 76 p. (Besedy s verushchimi)

REBRIN, V.A. [Social duty of builders of communism; category of duty in Marxist-Leninist ethics] Obshchestvennyi dolg stroiteloi kommunizma; kategoriia dolga v marksistsko-leninskoi etike. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 301 p. (NIC)

SAMSONOVA, T.V. [Theoretical problems of ethics] Teoreticheskie problemy etiki. [Moskva] Izd-vo Mosk. univ., 1966. 109 p.

SERGEEV, E.S. [Dialectic of scientific knowledge and the thinking of an engineer] Dialektika nauchnogo poznaniia i myshleniia inzhenera. Moskva, Znanie, 1966. 61 p. (Biblioteka "Filosofskie problemy tekhniki," no.7)

SHUTKA, V.G. [Everyday life and religion] Byt i religiiia. Moskva, Mysl', 1966. 60 p.

SHVYREV, V.S. [Neopositivism and problems of empirical foundation of science] Neopozitivizm i problemy empiricheskogo obosnovaniia nauki. Moskva, Nauka, 1966. 214 p.

[TRUTH ABOUT UNIAE CHURCH; documents and materials] Pravda pro Uniu; dokumenty i materialy. L'viv, Kameniar, 1965. 374 p.

ZOTOV, A.F. [What is philosophy] Chto takoe filosofiya. Moskva, Politizdat, 1966. 61 p. (Metodicheskie sovery po filosofii)

4. HISTORY

- ABDULLAEV, MAGOMED. [Thinkers of the peoples of Daghestan of the 19th and early 20th centuries] Myslitel narodov Dagestana XIX i nachala XX v.v. [Makhachkala] Daguchpedgiz, 1963. 265 p. (NIP)
- ABRAMOV, A.S. [Sentry post N 1; from the history of the honor guard at the Lenin Mausoleum] Chasovye posta N 1; iz istorii pochetnogo karaula u Mavzoleia Lenina. Moskva, Politizdat, 1966. 78 p.
- AKADEMIYA NAUK SSSR. Institut istorii. [History of U.S.S.R. from ancient times to our days in two series and twelve volumes] Istoriya SSSR a drevnelshikh vremen do nashikh dnei v dvukh seriakh, v dvenadtsati tomakh. Glav. red. sov. B.N. Ponomarev i dr. Moskva, Nauka.
- [First series. Vols. 1-6. From ancient times to Great October Socialist Revolution] Pervaya seriya. Toma I-VI. S drevnelshikh vremen do Velikoi Oktabr'skoi sotsialisticheskoi revoliutsii. Glav. red. B.A. Rybakov.
- Vol. 2. [Struggle of peoples of our country for independence from 13th through 17th century. Establishment of unified Russian state] Bor'ba narodov nashoi strany za nezavisimost' gosudarstva. Redkollegiya tomya: M.N. Tikhomirov i dr. 1966. 630 p.
- AKADEMIYA NAUK SSSR. Institut istorii. [International relations of Russia in the 17th and 18th centuries; economics, politics, and culture] Mezhdunarodnye svyazi Rossii v XVII-XVIII vv.; ekonomika, politika i kul'tura; sbornik statei. Moskva, Nauka, 1966. 504 p.
- AKADEMIYA NAUK SSSR. Sibirskoe otdelenie. [Siberia during period of capitalism] Sibir' perioda kapitalizma. Novosibirsk, Nauka. [Materialy po istorii Sibiri] No. 2. [Economic, social and political development of Siberia in 1861-1917] Ekonomicheskoe i obshchestvenno-politicheskoe razvitiye Sibiri v 1861-1917 gg. 1965. 180 p.
- AKILOV, K.A. [History of Uzbek S.S.R.; textbook for 7th grade of eight-year school] Istoriya Uzbekskoi SSR; uchebnoe posobie dlia 7-go klassa vos'miletnei shkoly. Izd. 2. Tashkent, Uchitel', 1965. 76 p. (CSI-II)
- BELIAVSKAYA, I.M., I.A. VORONKOV, and V.G. KARASEV, eds. [Slavic historiography] Slavyanskaya istoriografiya; sbornik statei. [Moskva] Izd-vo Mosk. univ., 1966. 281 p.
- BELIAEVSKII, S.I., and N.D. GORODETSKII. [Here Lenin lived; through places associated with Lenin in Krasnoyarsk Territory] Zdes' byl V.I. Lenin; po leninskim mestam Krasnoyarskogo kraia. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1966. 89 p.
- BLATBEIM, I., and H. KLEIN. [On anti-Semitism] Ob antisemitizme. Tel-Aviv? 1959? 47 p. (NNC)
- BORSKOVSKII, P.I. [Prehistoric past of Vietnam] Pervobytnoe proshloe V'etnama. Moskva, Nauka, 1966. 183 p.
- BOLKHOVITNOV, N.N. [Formation of Russian-American relations, 1776-1815] Stanovleniye russko-amerikanskikh otnoshenii, 1775-1815. Moskva, Nauka, 1966. 638 p.
- CHECHNEVA, A.V. [Ambassador of the republic] Polpred respubliki. [Moskva] Moskovskii rabochii, 1965. 126 p. (NIC)
- DARKEVICH, V.P. [Articles of West European art industries in Eastern Europe, 10th-14th centuries] Proizyedeniya zapadnogo khudozhestvennogo remesla v Vostochnoi Evrope (X-XIV vv.). Pod obshch. red. B.A. Rybakova. Moskva, Nauka, 1966. 147 p. (Archeologiya SSSR; svod archeologicheskikh istochnikov, no. E1-57)
- DAVYDOV, I.A.D. [In battle and in formation] V boiu i stroiu. Moskva, DOSAAF, 1966. 107 p.
- DIDKOVSKYI, ANDRII. [Collection of reminiscences and articles] Zbirka spohadiv i statei. [Clifton, New Jersey] 1966. 66 p.
- DVORIANOV, N.V., and V.N. DVORIANOV. [In home front areas of Kolchak Army] V lytu Kolchaka. [Izd. 2., perer. i dop.] Moskva, Mysl', 1966. 280 p.
- [ELISTA'S CENTENARY; the past, present, and future] Elista- 100 let; proshloe, nastoiashchee, budushchee. Elista, Kalmykizdat, 1965. 125 p. (NIC)
- ENOL'SKYI, Z.A. [History of some eastern countries; India, Iran, Turkey, 1870-1918] Istoriya kraim zarubizhnogo skhodu; Indiya, Iran, Turtschiyna, 1870-1918. [Kyiv] Vyd-vo Kyivs'koho univ., 1965. 211 p. (NN)
- ERMOLAEV, V.A. [Revolutionary movement in Germany before the Reformation] Revoliutsionnoe dvizhenie v Germanii pored Reformatsii; uchebnoe posobie. [Saratov] Izd-vo Saratovskogo univ., 1966. 87 p.
- ERSHOV, D.A. Mariia Pl'ichina Ul'ianova. [Izd. 2., ispr. i dop.] Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 180 p. (CSI-II)
- [FALLEN HEROES ARE SPEAKING; last letters of Soviet fighters who died opposing German-fascist occupation forces, 1941-1945] Govorit pogibshie geroi; predsmernye pis'ma sovetsskikh borsov protiv nemetsko-fashistsskikh zakluchnikov, 1941-1945 gg. 3., ispr. i dop. Izd. Moskva, Politizdat, 1966. 526 p.
- FEDOROV, A.F. [Underground province party committee in action. As told to Evgenii Bogoslavskii] Podp'nyi okom dlia. Literaturnyi zapisy Ievh. Bogoslavsk'koho. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1964. 597 p. (CU) (NN)
- FEDOROV, A.G. [Fee for happiness; notes of a command pilot] Plata za sчас'tie; zapiski letchika-komandira. [Frunze, Kirgizstan, 1964]. 282 p. (MH)
- GORBUNOV, V.A., and V.P. POLUIAN. [Daredevils; a special purpose detachment] Smel'chaki; otriad osobogo naznacheniia. Moskva, Politizdat, 1966. 77 p.
- GROSUL, V.I.A. [Reforms in the Danube principalities and the role of Russia, the 1820's and 1830's] Reformy v Dunaiskikh kniazhestvakh i Rossia (20-30 gody XIX veka). Moskva, Nauka, 1966. 406 p.
- HRADOVETS'KYI, V.V. [Antifeudal struggle of Carpathian "opryshky", 16-19th centuries] Antyfeodal'na borot'ba karpats'koho opryshkystva XVI-XIX st. [Lviv] Vyd-vo Lvivs'koho univ., 1966. 250 p.
- IAKOVENKO, V.K. [On the occupied land] Na okkupirovannoi zemle. Moskva, Politizdat, 1966. 302 p.
- IRCHSHNIKOVA, I.I. [Courage] Muzhestvo. Moskva, Voennoe izd-vo, 1965. 211 p. (CSI-II)
- IUR'eva, I. [Lessons of Russian history] Uroki russkoi istorii. Paris, YMCA-Press, 1965. 187 p. (CIY)
- JAANITS, L. [Settlements of the neolithic and early metal periods at the mouth of the Ema River (Estonian SSR)] Poseleniia epokhi neolita i rannego metal'a v prist'ie r. Emajygt (Estonskaiia SSR). Tallinn, Akad. nauk Estonskoi SSR, 1959. 381 p. (NNC)
- KACHALINSKII, I.U., comp. [Cossack history in maps] Kazach'ia starina v kartakh. Tekst sostavil I.N. Konovalov. Pod red. G.L. Eremenko. New York, Izd. Kazach'e-Amerikanskogo Narodnogo Soluza, 1965. 68 p. 21 maps.
- KARAEV, G.N., and A.S. POTRESOV. [Secret of Lake Chudskoye] Zagadka Chudskogo ozera. [Moskva] Molodaiia gvardiia, 1966. 253 p. (Rovosnik)
- KARGALOV, V.V. [The Mongol and Tatar invasion of Russia in the 13th century] Mongolo-tatarskoe nashestvie na Rus', XIII vek. Moskva, Prosveshchenie, 1966. 135 p.
- KARTSOV, V.G. [Decembrist G.S. Baten'kov] Dekabrist G.S. Baten'kov. Novosibirsk, Nauka, 1965. 238 p.
- KHARTONOV, V.L. [February Revolution of 1917 in Ukraine] Lutnova revoliutsiia 1917 roku na Ukraini. Kharkiv, univ., 1966. 256 p.
- KIEV. DERZHAVNYI ISTORYCHNYI MUZEI. [Guidebook to the halls of the section, "The Ukrainian S.S.R. during the years of the Great Patriotic War, 1941-1945"] Putevodtoi' po zatam otola "Ukrainskaia SSR v gody Velikoi Otchestvennoi volny, 1941-1945 gg." Kiev, Gospolitizdat USSR, 1963. 80 p. (MH)
- KIREVA, R.A. [V.O. Kiliuchovskii as historian of Russian historical science] V.O. Kiliuchovskii kak istorik russkoi istoricheskoi nauki. Moskva, Nauka, 1966. 230 p.
- KLYMYSHYN, I.A. [Let us talk about chronology] Pehovorimo pro litochyslennia. Kyiv, Politykivd Ukrainy, 1965. 65 p.
- KNYSH, ZYNOVIL. [Thus the pen writes...; selected articles] Tak pero pysho...; vybrani statii. Toronto, Striba surina [1965] 263 p. (CoU)
- KOLENKO, A.P. [Attack near Ruont Island] Udar u ostrova Ruonti. Moskva, Voennoe izd-vo, 1965. 36 p. (Geroicheskoe proshloe nashoi Rodiny) (IU)
- KOMMUNISTICHESKAIA PARTIYA UKRAINY. Volynskii oblastnoi komitet. Partinnyi arkhiv. [The struggle of the workers of Volyn for unification with Soviet Ukraine; a collection of documents and materials] Borot'ba trudniashchyskh Volyni za vozz'iednannia z Radians'koiu Ukrainoiu; zbirnyk dokumentiv i materialiv. Lviv, Kamendar. Vol. 2. 1965. (MH)
- KONFERENTSIYA SOVETSKIKH I ITAL'YANSKIKH ISTORIKOV PO PROBLEME ISTORIIOGRAFI. In, Moscow, 1964. [Problems in Soviet and Italian historiography; materials of the Conference of Soviet and Italian historians on the Problems of historiography] Problemy sovet'sko-ital'ianskoi istoriografii; materialy. Moskva, Nauka, 1966. 402 p.
- KOSHELENKO, G.A. [Culture of Parthia] Kul'tura Parthii. Moskva, Nauka, 1966. 217 p.
- KULIKOV, E.S. [On V.I. Lenin's book "Who are the friends of the people? and how do they fight against the social democrats?"] O knige V.I. Lenina "Chio takoe 'druz'ia naroda' i kak oni voluit protiv sotsial-demokratov?" Moskva, Politizdat, 1966. 70 p. (Kon-sultatsii po istorii KPSS)
- KURSK (Province). Oblastnoi gosudarstvennyi arkhiv. [From the history of the Kursk region; documents and materials] Iz istorii Kurskogo kraia; sbornik dokumentov i materialov. Voronezh, Tsent. Chernozemnoe knizhnoe izd-vo, 1965. 406 p.
- LAVRETSKII, I. Bolivar. [2., ispr. i dop. Izd.] Moskva, Molodaiia gvardiia, 1966. 206 p. (Zhizn' zamechatel'nykh liudei. Seriya biografi, no. 74935)
- LIAUKONIS, ALVIDAS. [F. Dzerzhinskii's revolutionary activity in Lithuania] F. Dzerzhinskii revoliutsionnaya aktivnost' v Lituvai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 64 p. [In Lithuanian]
- LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. [40 years] 40 metu. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1966. 339 p. [In Lithuanian]
- LUR'E, S.I.A. [Letter of a Greek boy] Pis'mo grecheskogo mal'chika. Moskva, Det'skaiia literatura, 1966. 48 p. (Malen'kaiia istoricheskaiia biblioteka)
- LUTSENKO, V.K. [The Moscow Kremlin; its past and present] Moskovskii Kremli'; proshloe i nastoiashchee. Moskva, Sovetskaiia Rossiia, 1963. 230 p. Iliu. (NN)
- MAJEROV, D.G. [Great change] Velikaiia poroznena. [Elista, Kalmytskoe knizhnoe izd-vo] 1965. 87 p.
- MAKHARADZE, N.B. [Victory of the socialist revolution in Georgia] Pobeda sotsialisticheskoi revoliutsii v Gruzii. Tbilisi, Snelotna Sakartvelo, 1965. 449 p. (CSI-II)
- MAKOVYEV, M.S. [In the footprints of a legend] Po sledam legendy. Moskva, Voenizdat, 1966. 214 p.

- MATRONOV, P.S. [For Golden Prague] Za Zlatu Pragu. Moskva, Voen.izd-vo, 1965. 100 p. (Ncu)
- MEIEROVICH, M.L. [Schliemann] Shilman. Moskva, Detskaya literatura, 1966. 180 p. (Shkol'naya biblioteka)
- MURAV'EV, A.M. F.V. Lengnk. [Leningrad] Lenizdat, 1966. 32 p. (Uzniki Petropavlovskoi kreposti)
- NAVICKAS, KONSTANTINAS. [Historical significance of Lenin's national policy for Lithuanian people] Leninines nacionalines politikos istorine reikame lietuviu tautai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. 93 p. [In Lithuanian]
- OZEROV, V.S. N.A. Morozov. [Leningrad] Lenizdat, 1966. 35 p. (Uzniki Petropavlovskoi kreposti)
- PEOPLE OF LEGENDS] Liudi legend. Moskva, Politizdat. No.2. 1966. 718 p.
- PETRAEV, K.D., and S.A. MATVEEV. [Falsification of the 1871-1914 German history by the historians of the Federal Republic of Germany; summary of a lecture on contemporary foreign historiography for students of the correspondence courses of the Faculty of History of Odessa University] Falsifikatsia istorikami FRG istorii Germanii 1871-1914 gg.; konspekt teksta po sovremennoi zarubezhnoi istoriografii dlia studentov-zachnikov Istoricheskogo fakul'teta Universiteta. Odessa, Odesskii gos. univ., 1965. 65 p. (Cst-H)
- PLATONOV, V.V. [It happened on the Bug] Eto bylo na Buge. Moskva, Voenizdat, 1966. 141 p. (Gerolicheskoe proshloe nashoi Rodiny)
- PODGORNYI, I.A. V.P. Nugin. [Leningrad] Lenizdat, 1966. 36 p. (Uzniki Petropavlovskoi kreposti)
- POGUDIN, V.I. M.S. Ol'minskii. [Leningrad] Lenizdat, 1965. 32 p. (Uzniki Petropavlovskoi kreposti) (NJP)
- POLIANOVSKII, M.L. [We are seeing Il'ich; stories of motion pictures] My vidim Il'icha; rasskazy o kinof'emkakh. [Moskva] Molodaya gvardia, 1966. 108 p.
- PUKINSKII, B.K. [About Avtove] Ob Avtove. [Leningrad] Lenizdat, 1965. 86 p. (Tam, gde byli ukrainy, no.5)
- ROZANOV, M.D. Vasilii Andreevich Shelgunov. [Leningrad] Lenizdat, 1966. 334 p.
- RUDENKO, R.A., ed. [Nuremberg trial of major German war criminals; collection of materials in three volumes] Nurnbergskii protsess nad glavnymi nemetskimi voennymi prestupnikami; sbornik materialov v trekh tomakh. Moskva, Iuridicheskaya literatura, Vol.2. [War crimes. Crimes against humanity] Voennye prestuplenia. Prestuplenia protiv chelovechnosti. 1966. 798 p.
- SALAKHUTDINOV, FARUD, and MIKHAIL IOB'KO. [Glorious sons of Samarkand; short accounts of the deeds at the fronts of the Great Patriotic War by citizens of Samarkand decorated with the order "Hero of the Soviet Union." Slavnye syny Samarkanda; korotkie rasskazy o podvigakh samarkand-tsev - goroev Sovetskogo Soiuza na frontakh Velikoi Otechestvennoi volny. Samarkand, Izd-vo Samar-kandskogo gos. univ. [1962] 146 p. (InU)
- SANZHARA, A.P. [Heroic feat of the thirty three] Podvig tridsati trekh. Vliadvostok, Dal'nevostochnoe knizhnoe izd-vo, 1964. 47 p. (Cst-H)
- SARKISOV, A.A. [Heroic daughters of the Caucasus; stories of the deeds of the daughters of Caucasian peoples in the Great Patriotic War of 1941-1945] Gerolicheskie docheri Kavkaza; rasskazy o podvigakh docherei narodov Kavkaza v Velikoi Otechestvennoi volne 1941-1945 gg. Baku, Azerneshr, 1965. 178 p. (Cst-H)
- SELGA, GUNARS, comp. [With raised head I cross borders] Paceltu galvu par robezam esu. Riga, Liesma, 1965. 169 p. [In Latvian]
- SEREBRIAKOVA, G.I. [Marx and Engels] Marks i Engel's. Moskva, Molodaya gvardia, 1966. 870 p. (Zhizn' zamechatel'nykh liudei. Seriya biografi, no.4(421))
- SHAROKHIN, M.N., and V.S. PETRUKHIN. [Road to Balaton] Put' k Balatonu. Moskva, Voenizdat, 1966. 142 p.
- [SIMFEROPOL' - KECSKEMET] Simferopol' - Kechkemet. Simferopol', 'Krym,' 1965. 94 p. (CSI-II)
- SKILARENKO, EE.M. [Working class of the Ukraine in the years of the civil war, 1918-1920; essays] Robotnychi klass Ukrainy v roky hromadius'koi voiny, 1918-1920 rr.; narysy. Kyiv, Naukova dumka, 1966. 213 p.
- SLIVKA, IU.IU. [Intrigues of international reaction against Transcarpathia in 1938-1939] Pidstupny miznarodnoi reaktsii na Zakarpatti v 1938-1939 rr. [L'viv] Vyd-vo L'vivskoho univ., 1966. 68 p.
- SOGLIAN, M.D. [Perekop; historical regional study] Perekop; istoriko-kraevadcheskii ocherk. Simferopol', Izd-vo "Krym," 1965. 116 p.
- SOLOV'EV, S.M. [History of Russia from ancient times in 15 books] Istoriia Rossii s drevneishikh vremen v pliatnadsati knigakh. Moskva, Mysl'. Book 15 (Vol.28). [Indexes to Books 1-15] Ukazatel' k knigam I-XV. 1966. 772 p.
- [SOVIET HISTORICAL ENCYCLOPEDIA] Sovetskaya istoricheskaya entsiklopediia. Glav. red. E.M. Zhukov. Moskva, Sovetskaya Entsiklopediia. Vol.8. Koshala - Ma'ta. 1965. 900 columns. (Entsiklopedii, slovari, spravochniki)
- SUSLOVA, F.M. [On V.I. Lenin's book "What is to be done?"] O knige V.I. Lenina "Chto delat'?" Izd.2. Moskva, Politizdat, 1966. 69 p. (Kensul'tatsii po istorii KPSS)
- SVHIDOVA, I.N. [On the tracks of ancient cultures; stories about books] Po sledam drevnikh kul'tur; rasskazy o knigakh. Moskva, Kniga, 1966. 44 p.
- TAMONOV, F.I. [Moscow's heroic struggle; for the 25th anniversary of the Battle of Moscow in 1941] Ratnyi podvig Moskvy; k 25-letiu bitvy pod Moskvoi v 1941 godu. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriya: Istoriia, no.13)
- TARTAKOVSKII, B.G. [Friedrich Engels as adviser and teacher of international proletariat, 1875-1895] Fridrich Engol's - sovetnik i uchitel' mezhdnarodnogo proletariata (1875-1895). Moskva, Mysl', 1966. 342 p.
- THORWALD, JURGEN. [Essays on the history of the liberation movement of the peoples of Russia. Translated from the German] Ocherki k istorii Osoboditel'nogo dvizhenia narodov Rossii. [London, Ontario] Izd-vo Soiuza bor'by za osvobodhenie narodov Rossii (SBOHR) 1965. 129 p. (NIC)
- TOLSTOI, V.S. [Fraternal cooperation of the White Russian and the Polish peoples, 1944-1964] Bratskoe sotrudnichestvo belorusskogo i pol'skogo narodov, 1944-1964. Minsk, Nauka i tekhnika, 1966. 138 p.
- [THE TRAIN OF DEATH] Poezd smerti. [Kutbyshov] Kutbyshvskoe knizhnoe izd-vo, 1966. 100 p.
- TRAVUSHKIN, V. Kagul. Kishinev, Karla moldovenaske, 1966. 60 p. illus.
- TROITSKII, S.M. [Financial policy of Russian Absolutism in the 18th century] Finansovaya politika russkogo absolutizma v XVIII voke. Moskva, Nauka, 1966. 273 p.
- [THE UKRAINIAN SOVIET SOCIALIST REPUBLIC] Ukrain's'ka Radians'ka Sotsialistychna Respublika. Kyiv, Holovna red. Ukrain's'koi Radians'koi entayklopedii. AN URSR [1965] 807 p. (Ukrain's'ka Radians'ka entayklopediia)
- URLIN, K.V. A.I. Pisarev. [Gor'kii] Volgo-Vlatskoe knizhnoe izd-vo, 1966. 68 p. (Nizhegorodskoy-revolutsionery)
- VILNA, PARTIJOS ISTORIJOS INSTITUTAS. [The Vilnius underground; reminiscences of the veterans of the revolutionary movement in the Vilnius region, 1920-1938] Vilniuskoe podpol'e; vospominania uchastnikov revoliutsionnogo dvizhenia v Vilnius-skom krae, 1920-1939 gg. Vilnius, Vaga, 1966. 394 p.
- VOROSHILOV, P.S. [Heroic feat cast in bronze] Podvig, otlitv v bronzu [sic. Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 36 p. (Liudi zemli Kuznetskoi) (NIC)
- [WAR CRIMES OF THE HABSBURG MONARCHY, 1914-1917: GALICIAN GOLGOTHA] Voennye prestuplenia Gabsburgskoi monarkhii, 1914-1917 gg.; Galitskaya Golgota. Trumbull, Conn., P.S. Hardy. Vol.1. 1964 1 v.
- WERTH, ALEXANDER. [France, 1940-1955. Abridged translation from the English] Frantsia, 1940-1955. Pod red. i so vstup. stat'ei E.V. Rubina. Moskva, Izd-vo Inostr.lit-ry, 1959. 614 p. (OU)

5. SOCIAL SCIENCES

- AKADEMIA NAUK SSSR. Institut vostokovedeniia. [Southeastern Asia; sketches of the economy and history] Iugo-Vostochnaya Azia; ocherki ekonomiki i istorii. Moskva, Izd-vo vostochnoi lit-ry, 1958. 173 p. (HU-EWC)
- AKADEMIA NAUK UZBEKSKOI SSR, Tashkent. Institut mekhaniki i vychislitel'nykh tsentr. [Selection of an optimal variant for transport service; the use of mathematical methods and electronic computers] Vybór optimal'nogo varianta transportnogo obsluzhivaniia; primenenie matematicheskikh metodov i EVM Tashkent, Izd-vo "Nauka" UzSSR, 1955. 111 p.
- ALITOVSKII, S.N. [Agrarian problem in modern Iraq] Agrarnyi vopros v sovremennom Irake. Moskva, Nauka, 1966. 174 p.
- AL'TSHULER, G.A., B.N. LAKHMAN, and N.I. SIDOROVICH. [Planning in railway transportation] Planirovaniye na zheleznodorozhnom transporte. Izd.2., pererab. dop. Moskva, Transport, 1966. 337 p.
- [APPEAL OF CULTURAL WORKERS OF MOSCOW PROVINCE AND THE SOCIALIST PLEDGES OF CULTURAL WORKERS OF VORONEZH PROVINCE] Obrashchenie rabotnikov kul'tury Moskovskoi oblasti i sotsialisticheskie obiazatel'stva rabotnikov kul'tury Voronezhskoi oblasti. Moskva, Goskul'tprosvetizdat, 1957. 13 p.
- ARTSIOM'EU, A.B., and M.P. RATUSHNOU. [Direct ties between industry and trade] Pramyia svyazi pramyislovatsi i handlu. Minsk, Belarus', 1966. 23 p. (U dapamohu vyvachatuchym ekonomiku, no.7)
- ASKOL'DOVA, S.M. [Beginning of mass labor movement in the U.S.A., the 1880's] Nachalo massovogo rabochego dvizhenia v SSHA, 80-e gody XIX v. Moskva, Nauka, 1966. 229 p.
- BARDIN, S.M. [Friendship, work, collective] Druzba, trud, kollektiv. Moskva, Profizdat, 1965. 190 p. (Ncu)
- BARUN, M.A., comp. [Handbook on financial and economic calculations] Spravochnik po finansovo-ekonomicheskim raschetam. Moskva, Finansy, 1966. 468 p.
- BASHIN, M.L. [Planning for research and experimental design] Planirovaniye nauchno-issledovatel'skikh i opytno-konstruktorskikh rabot. Moskva, Ekonomika, 1966. 215 p.
- BELIAEV, V.S., and N.I. PETROV. [We work the new way] Rabotam po-novomu. Moskva, Politizdat, 1966. 140 p.
- BIRKIN, A.K., and P. PETROV. [Financial planning and analysis of the work of housing organizations] Finansovoe planirovaniye i analiz delatel'nostikhilishch-nikh organizatsii. Moskva, Finansy, 1965. 147 p. (NJP)
- BOBROVSKII, P.A. [Effect of the chemicalization of production on the national economy] Narodnohozhai-stvennaya effektivnost' khimicheskoi proizvodstva. Moskva, Mysl', 1966. 286 p.

- DOCHKAREV, V.P. [Accounting for and calculating production costs in the petroleum production industry; a textbook for a special course for the 4th and 5th year students specializing in "Accounting" (specialization "Accounting in Industry") Bukhgalterskiy uchet zatrat na proizvodstvo i kal'kulirovanie sebestoimosti produktov v nefteobrabatovayushchei promyshlennosti; uchebnoe posobie po spetsial'nomu kursu dlia studentov IV i V kursov po spetsial'nosti "Bukhgalterskiy uchet (spetsializatsiia "Uchet v promyshlennosti"). [Kulbyshov] Kulbyshovskii planovyi in-t, 1964. 34 p. (CSt-H)
- BOIARSKII, A.I.A., and others, eds. [Sampling survey in the statistics of the U.S.S.R.] Vyborschnoe nabliudenie v statistike SSSR; sbornik statei. Moskva, Statistika, 1966. 350 p.
- BORISOVA, G.I. [Commodity production; commodity and money under capitalism] Tovarnoe proizvodstvo; tovar i den'gi pri kapitalizme. Moskva, Vysshaya shkola, 1966. 49 p. (Studentu izuchaiushchemu polit-ekonomiku)
- BORODKIN, L.I. [Veterans train youth] Veterany vos-pityvali molodezh', [Moskva] Profizdat, 1966. 92 p. (Biblioteka profsoiuznogo aktivista, no. 17(137))
- BRAHINSKI, M. I., and D.F. ERAMEEU. [What is new in the legal status of industrial enterprises] Novae u pravnyim palazhenii prapryemstva. Minsk, Belaru-s', 1966. 39 p. (U dapanohu vyvuchaiushchym eka-nomiku, no. 10)
- CHERKOVETS, V.N. [On methodological principles of economics as scientific system; logical method of K. Marx and system of categories of economics of socialism] O metodologicheskikh printsipakh politiches-koii ekonomii kak nauchnoi sistemy; logicheski metod K. Marksa i sistema kategorii politicheskoi ekonomii sotsializma. [Moskva] Izd-vo Mosk. univ., 1965. 200 p. (NIC)
- CHIOCHIEV, R.I. [Influence of production automation on the nature of workers' labor] Vliianie avtomatizatsii proizvodstva na kharakter truda rabochikh. Moskva, Mysl', 1966. 84 p.
- CHUVASH A.S.S.R. Statisticheskoe upravlenie. [Soviet Chuvashia in figures for 45 years; a statistical abstract] Sovetskaya Chuvashia za 45 let (v tsifrakh); statisticheskii sbornik. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965. 190 p.
- DEMBINSKI, M.U., and M.Z. KAUFMAN. [Economic analysis as means of increasing profitability of enter-prises] Ekonomicheskii analiz - sredok pavysheniia rentabel'nosti prapryemstva. Minsk, Belarus', 1966. 22 p. (U dapanohu vyvuchaiushchym ekonomiku, no. 6)
- DENISOV, O.K. [The English chemical concern "Im-perial Chemical Industries"] Angliiskii khimicheskii koncern "IKI." Moskva, Mezhdunarodnye otnosheni-ia, 1966. 278 p.
- DUNDUKOV, G.F., and N.A. KISMAN. [An enterprise and its budget] Predpriiatie i budzhel. Moskva, Finansy, 1966. 47 p.
- [ECONOMICS AND FINANCE OF SOCIALIST ENTER-PRISES] Ekonomika i finansy sotsialisticheskikh predpriatii. Izd. 2. Moskva, Finansy, 1966. 415 p.
- [ECONOMICS OF THE PETROLEUM AND GAS INDUS-TRIES] Ekonomika nefianoi i gazovoi promyshlennosti. [By] I.U. M. Malyshev i dr. Moskva, Nedra, 1966. 163 p.
- EKEL'CHIK, M.S. [Problems of labor and wages in construction] Voprosy truda i zarabotnoi platy v stroitel'stve. Izd. 2., perer. i dop. Kiev, Budiveln'nyk, 1966. 239 p.
- EMEL'IANOV, A.M. [Differential rent in socialist ag-riculture] Differentsial'naya renta v sotsialistich-eskom sel'skom khoziaistvo. Moskva, Ekonomika, 1966. 98 p. (Aktual'nye problemy ekonomiki sel'skogo khoziaistva dlia znaniia v vysshem zveno po-liticheskogo obrazovaniia, no. 4) (MH)
- [FEEL YOUR COMRADE'S SHOULDER] Chuvstvit plo-cho tovarishcha. [Murmanek] Murmanskoie knizhnoe izd-vo, 1965. 46 p. (NoU)
- [FROM ZERO TO SEVEN] Ot nolia do semi. Moskva, Znanie, 1965. 284 p. (Narodnyi universitet; Pedago-gicheskii fakul'tet, nos. 4/6)
- GINTSBURG, L.I.A. [Regulation of working time in the U.S.S.R.] Regulirovanie rabocheho vremeni v SSSR. Moskva, Nauka, 1966. 303 p.
- GOILO, V.S. [Theoretical justification of unemployment; bourgeois theories of employment] Teoreticheskoe opravdanie bezrabotitsy; burzhuannye teorii zanято-sti. Moskva, Mysl', 1966. 123 p.
- GOLOVKO, A.A. [Local soviets of White Russia in the struggle for the socialist reconstruction of agriculture, 1920-1935] Mestnye Sovety Belorussii v bor'be za sotsialisticheskoe perestroistvo sel'skogo khoziaistva, 1920-1935 gg. Nauchn. red. V.A. Dorogin. Minsk, Izd-vo M-va vysshogo srednego spetsial'nogo i pro-fessional'nogo obrazovaniia SSSR, 1962. 211 p. (MI)
- GOL'TSMAN, L.N. [Economics of municipal services, accommodations, rates] Ekonomika kommunal'nogo khoziaistva, uslugi, tarify. Moskva, Ekonomika, 1966. 190 p.
- GORODEKII, A.D. [Accounting for capital investments in trade] Uchet kapital'nykh vlozhenii v torgovle. Mo-skva, Ekonomika, 1966. 140 p.
- GOROVOL, V.L., and G.A. PRIVALOVSKAIA. [Geog-raphy of forest industries of U.S.S.R.] Geografiia lesnoi promyshlennosti SSSR. Moskva, Nauka, 1966. 149 p.
- GRIBACHEV, N.M. [Light, shadows and a road] Svet, teni, doroga. Moskva, Politizdat, 1966. 53 p. (Par-tialnaia publitsistika)
- GUREVICH, N.M. [Economic development of Afghanis-tan; financial problems] Ekonomicheskoe razvitiie Afganistana; finansovye voprosy. Moskva, Nauka, 1966. 278 p.
- IALFIMAU, A.H., and V.R. MAURYSHCHAU. [What is new in industrial management of the U.S.S.R.] Novae u klavanni pramyelovastisu SSSR. Minsk, Belarus', 1966. 34 p. (U dapanohu vyvuchaiushchym ekonomiku, no. 2)
- LARMASHEVICH, I.M. [Economics and organization of horticulture in White Russia] Ekonomika i orga-nizatsiia sadovodstva v Belorussii. [Minsk] Uradzhai [1966] 80 p.
- IGNATEV, N.I. [How to prepare and conduct a workers' conference] Kak podgotoviti i provesti rabochee sob-ranie. [Moskva] Profizdat, 1966. 78 p. (Biblioteka profsoiuznogo aktivista, no. 11(107))
- [INDUSTRIAL SAFETY IN AGRICULTURE] Okhrana truda v sel'skikh khoziaistvennom proizvodstve. [Mo-skva] Profizdat, 1964. 53 p. (Biblioteka sel'skogo profsoiuznogo aktivista, no. 3(27))
- IUSUPOV, M.IU. [Cost of canned fruits and vegetables and ways of reducing it] Sebestoimost' plodovovoshe-nykh konservov i puti ee snizheniia. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965. 41 p.
- IZDEBSKI, ZYGMUNT, and JERZY TUDREJ. [Training of managerial personnel in enterprises of capitalist countries; critical and comparative analysis of theory and practice in training of managerial personnel. Trans-lated from Polish] Podgotovka rukovodiashego per-sonala predpriatii v kapitalisticheskikh stranakh; kri-tiko-sravnitel'nyi ocherk teorii i praktiki podgotovki rukovodiashekhkh kadrov. Predisl. D.M. Gvishland. Moskva, Progress, 1966. 127 p.
- KADEKIN, V.A. [Workers of Siberia in the struggle for Soviet power and realization of the first socialist reforms, November 1917-August 1918] Rabochie Sibiri v bor'bu za vlast' Sovetov i osushchestvlenie porykh sotsialisticheskikh preobrazovani, noiabr' 1917-avgust 1918 gg. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1966. 308 p.
- KALINOVSKII, N.P. [Regional differences of real wages for workers and employees] Raionnye raz-lichia real'noi zarabotnoi platy rabochikh i sluzha-shchikh. Moskva, Ekonomika, 1966. 111 p.
- KARATAEV, N.K. ["Economics" is bourgeois political economy] Ekonomika - burzhuannaia politikonomiia. Moskva, Nauka, 1966. 280 p.
- KARINIA, L.F., I.U. K. KNAZEV, and L.V. TIAGUNEN-KO. [The economy of Yugoslavia] Ekonomika Iugo-slavii. Moskva, Ekonomika, 1966. 222 p.
- KASIMOVSKII, E.V., ed. [Problems in the economics of labor] Problemy ekonomiki truda. Moskva, Ekono-mika, 1966. 309 p. (NIP)
- KATERINICH, A.N. [Decades amounting to centuries] Desiatletia, ravnye vekam. Moskva, Politizdat, 1966. 53 p.
- KAZAKEVICH, R.A., and F.M. SUSLOVA. [Mr. Pipes falsifies history; on R. Pipes' "Social democracy and the St. Petersburg labor movement, 1865-1897"] Mister Paips falsifitsirov istoriu; o knige R. Paipsa "Sotsial'demokratia i rabochee dvizhenie v S.-Peter-burge, 1865-1897." [Leningrad] Lenzdat, 1966. 180 p.
- KHARKOV (Province) Gosudarstvennyi arkhiv. [History of Kharkov Locomotive Works, 1917-1932; documents and materials] Istoriia Kharkovskogo parovoostro-itel'nogo zavoda, 1917-1932; sbornik dokumentov i materialov. Khark'ov, Prapor, 1965. 454 p. (MH)
- KHEIFETS, S.B. [Financial management of enter-prises in service industries] Organizatsiia finansov predpriatii bytovogo obsluzhivaniia. Moskva, Finan-sy, 1966. 137 p.
- KHODOV, L.G. [Government intervention in the economy of the Federal Republic of Germany in the interest of monopolies] Gosudarstvennoe vmeiatei'stvo v ekonomiku FRG v interesakh monopolii. [Moskva] Izd-vo Mosk. univ., 1966. 161 p.
- KHROMOV, M.A. [Going Lenin's way to communism] Lennskim kursom - k kommunizmu. Leningrad, Ob-vo "Znanie" RSFSR, 1966. 49 p.
- KOBYLINSKII, B.A. [Laws of the transformation of socialism into communism; an aid for students of correspondence courses] Zakonomernosti perera-staniia sotsializma v kommunizm; v pomoshch' studentu-zaochniku. Dnepropetrovsk, Dnepropetrov-skii gos. univ., 1965. 17 p. (CSt-H)
- [KOMI-PERMYAK NATIONAL AREA IS 40 YEARS OLD] 40 let Komii-Permiatskoiu natsional'nomu okrugu. [Kudymkar] Permskoe knizhnoe izd-vo, 1965. 38 p.
- KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Kemerovskii oblastnoi komitet. Partinnyi arkhiv. [Kuznetsk Basin during the period of national economic reconstruction, 1920-1926] Kuznass v period vossta-novleniia narodnogo khoziaistva, 1920-1926 gg. [Ke-merovo] Kemerovskoe knizhnoe izd-vo, 1966. 182 p.
- KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Tsentral'nyi komitet. Plenum. [Materials of the May 1966 Plenum of the Central Committee of the CPSU] Materialy maitskogo (1966 goda) Plenuma TsK KPSS. Moskva, Politizdat, 1966. 62 p.
- KONNIK, I.I. [Money during the period of the building of a communist society] Den'gi v period stroitel'stva kommunisticheskogo obshchestva. Moskva, Finansy, 1966. 265 p.
- KORNESHOV, I.K. [On youthful honor, first love, and one hundred "whys."] O chesti smolodu, pervoi lub-vi i sta "pochemu." [Moskva] Molodaia gvardiia, 1965. 172 p. (NIP)
- KOZODOEV, I.I. [Periodization, regularities, and characteristics of the transformation of socialism into communism] Periodizatsiia, zakonomernosti i osobennosti pererastaniia sotsializma v kommunizm; loksli, prochlianiye po osnovam nauchnogo kommu-nizma v Tadzhikskom gosudarstvennom universitete im. V.I. Lenina. Dushanbe, Tadzhikskii gos. univ., 1964. 51 p. (CSt-H)
- KRAIUKHIN, G.A. [Economic effectiveness of produc-tion lines] Ekonomicheskaiia effektivnost' polochnykh lini. [Leningrad] Lenzdat, 1965. 110 p.
- KRASnodarskiy KRAY. Statisticheskoe upravlenie. [National economy of Krasnodar Territory; statistical abstract] Narodnoe khoziaistvo Krasnodarskogo kraia; statisticheskii sbornik. [2., perer. i dop. izd.] Krasnodar, Statistika, 1965. 481 p.

- KRASOV, A. P., and A. A. TROFIMOV. [Balance sheet method of accounting for materials in railroad enterprises] *Saizdovyi metod ucheta materialov na zheleznikh dorogakh*. Moskva, Transport, 1966. 78 p.
- KRONROD, I. A. A. [Subdivision one and two of the gross national product; the law of preferential growth of the means of production] I i II podrazdeleniia obshchestvennogo produkta; o zakone oprezhalshego rosta proizvodstva sredstv proizvodstva. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no. 13)
- KUMYKOV, T. KH. [Economic and cultural development of Kabardina and Balkaria in the 19th century] *Ekonomicheskoe i kul'turnoe razvitiie Kabardii i Balkarii v XIX veke*. Nauchnik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 418 p. fold. maps. (NIC)
- LELIUKHINA, N. D. [Prospects for expanding ferrous metallurgy in central regions of U.S.S.R.] *Perspektivy razvitiia chernoi metallurgii tsentralnykh raionov SSSR*. Moskva, Nauka, 1966. 193 p.
- LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A. I. GERTSENA. [Socioeconomic and historical sciences; abstracts of reports, December 1965] *Sotsial'no-ekonomicheskie i istoricheskie nauki; tezisy dokladov, dekabr' 1965 g.* Leningrad [1965] 164 p. (XVIII Gertsenovskie chteniia)
- LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A. I. GERTSENA. [Socioeconomic and historical sciences; abstracts of reports, April 5-26, 1965] *Sotsial'no-ekonomicheskie i istoricheskie nauki; tezisy dokladov 5-26 aprilia 1966 goda*. Leningrad, 1966. 204 p. (XIX Gertsenovskie chteniia)
- LEONT'EV, L. A. [Engels and the economic theory of Marxism] *Engels i ekonomicheskoe uchenie marksizma*. Moskva, Mysl', 1965. 444 p. (CU) (VIU)
- LEONT'EV, N. L. [Technique of statistical computations] *Tekhnika statisticheskikh vychislenii*. Izd. 2, ispr. i dop. Moskva, Leningradskaya promyshlennost', 1965. 249 p.
- LIEUTOVOS TSR MOKSLU AKADEMIJA, Vilna. *Ekonomikos institutas*. [Increase of profitability on the collective farms of the Lithuanian S.S.R.] *Rentabilumo didinimas Lietuvos TSR kolukiuose*. Vilnius, Mintis, 1965. 178 p. [In Lithuanian]
- LISITSYN, M. A. [Complete business accounting is a demand of life] *Pouny lispadarchy razlik - patraivannoe zhytitsiia*. Minsk, Belarus', 1966. 20 p. (U dapanomu vyvuchaluchym ekonomiku, no. 9)
- LUKIN, V. V., and M. I. SAVITSKI. [Put computing machines in the service of economy] *Vylchala'niia tekhnika na sluzhbu ekonomitsy*. Minsk, Belarus', 1966. 22 p. (U dapanomu vyvuchaluchym ekonomiku, no. 11)
- MAIZEL', L. L. [Mathematical evaluation of the economic efficiency of concentrating production in coal mines; a report] *Matematicheskaya otsenka ekonomicheskoi effektivnosti kontsentratsii proizvodstva na uol'nykh shakhtakh; nauchnyi doklad*. Moskva, In-t gornogo doln im. A. A. Skochinskogo, 1965. 40 p.
- MALIUTIN, I. A. [Balance and technique of accounting] *Balans i tekhnika ucheta*. [Leningrad] Leningrad, 1966. 101 p.
- MAMALUI, A. P. [Marxist-Leninist theory on land rent and development of capitalism in agriculture] *Marksistsko-leninskoe uchenie o zemel'noi rente i razvitiu kapitalizma v sel'skom khoziaistve*. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1965. 155 p. (CSI-II)
- MARKELOV, N. V., and E. D. ROMANTSOV. [Operation control over the work of persons having material responsibility in consumer cooperative shops] *Operativnyi kontrol' za rabotoi material'no otvetstvennykh lits v magazinakh potrabitol'skikh obshchestv*. Moskva, Ekonomika, 1966. 46 p.
- MASLENNIKOV, G. V. [33 giants and thousands of settlers] *33 bogatyria i tysachi novoselov*. [Moskva] Mosk. rabochii, 1965. 118 p.
- MATTUKHIN, I. S. [The United Arab Republic; its economy and foreign trade] *Ob'edinnennaii Arabskaia Respublika; ekonomika i vnesheiaia torgovlia*. Moskva, IMO, 1966. 150 p.
- MATLIN, A. M. [Technological progress and prices for machines] *Tekhnicheskii progress i tseny mashin*. Moskva, Ekonomika, 1966. 86 p.
- MATSEVICH, B. T. [At foot of Il'men Mountains] *U podnozh'ia Il'men*. [Chelabinsk] Iuzhno-Ural'skoe knizhnoe izd-vo, 1965. 116 p. (Bastiony tiazheioi industrii)
- MATUSHKIN, P. G. ["Uralo-Kuzbass"; struggle of the Communist Party for creation of a second metallurgical coal supply center in the U.S.S.R.] *Uralo-Kuzbass; bor'ba Kommunisticheskoi partii za sozdanie vtoroi uol'no-metallurgicheskoi bazy SSSR*. Chelabinsk. [Uuzhno-Ural'skoe knizhnoe izd-vo] 1966. 423 p.
- MEZHOTRASLEVAIA EKONOMICHESKAIK KONFERENTSIIA "KHOZIAISTVENNAIA REFORMA I EKONOMIKA PREDPRIIATIIA," Sverdlovsk, 1965. [Economic reform and the economics of the enterprise] *Khoziaistvennaia reforma i ekonomika predpriiatii*. Red. kol. : M. G. Degidzhanov i dr. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1966. 213 p.
- MINC, BRONISLAW. [Political economy of socialism. Translated from the Polish] *Politicheskaya ekonomia sotsializma*. 2, ispr. i dop. izd. Obshchala red. i posleslovie A. S. Kudriavtseva. Moskva, Progress, 1965. 598 p. (CSI-I)
- MISHKOV, N. F. [Trade unions of Kabardino-Balkaria in the struggle for the seven-year plan] *Profsoiuzy Kabardino-Balkarii v bor'be za semiletku*. Pod red. Kh. G. Berketova. Nauchnik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 178 p. (CSI-H)
- MITIUSHKIN, T. S. [An analysis of economic operations of socialist agricultural enterprises] *Analiz khoziaistvennoi delatel'nosti sotsialisticheskikh sel'skokhoziaistvennykh predpriiatii*. Moskva, Koles, 1966. 368 p.
- MITIUSHKIN, T. S. [Profitability in farming and business accounting on collective farms] *Rentabil'nost' sel'skokhoziaistvennogo proizvodstva i khozraschet v kolkhokh*. Moskva, Statistika, 1966. 85 p. (Biblioteka bukhgaltara kolkhosa)
- MOSCOW. AKADEMIJA OBSHCHESTVENNYKH NAUK. [Increasing the effectiveness of transportation in the U.S.S.R.] *Povyshenie effektivnosti transporta v SSSR*. Pod red. T. S. Khachaturova. Moskva, Mysl', 1966. 174 p.
- MOSCOW. NAUCHNO-ISLEDOVATELSKII INSTITUT EKONOMIKI STROITEL'STVA. [Instructions for the preparation of the financial plan and production planning in the construction industry; methodological suggestions] *Ukazaniia po sozdaniu fin. i proizvodn. planov i metodicheskie rekomendatsii*. Moskva, Stroizdat, 1966. 126 p.
- MOSCOW. VSESOIUZNYI INSTITUT PO IZUCHENIU PRICHIN I NAZADBOYKE MER PREDUPREZHDENIIA PRESTUPNOSTI. [Soviet criminology] *Sovetskaii kriminologiya*. Moskva, Iuridicheskaii literatura, 1966. 310 p.
- MOSKOVICH, V. M. [Social distribution of work under socialism] *Obshchestvennoe razdelenie truda pri sotsializme*. Moskva, Nauka, 1966. 126 p.
- NATIONAL ECONOMY OF UKRAINIAN S.S.R. FOR 1964; statistical yearbook] *Narodno hospodarstvo Ukrainy'kol RSR v 1964 rotsi; statistichnyi shchorichnyk*. Kyiv, Statistika, 1965. 693 p.
- NAUMIK, V. T. [By transit or from warehouse; selection of the form of supply] *Tranzitom ili s bazy; vybor formy snabzhenia*. Moskva, Ekonomika, 1966. 63 p.
- NEUPOKOEV, N. S. [Strengthening of labor discipline] *Ukreplenie diszipliny truda*. [Moskva] Profizdat, 1966. 44 p. (Biblioteka sel'skogo proizvolnogo aktivista, no. 7(55))
- NIANEL'SKAIK, K. I., and M. I. PLATNITSKI. [Production funds and efficiency of social production] *Vytvorchiia fondy i effektivnost' hramadskaii vytvorchastei*. Minsk, Belarus', 1966. 20 p. (U dapanomu vyvuchaluchym ekonomiku, no. 4)
- NIKITINA, I. G., and V. A. SHECHOVA. [Economics, organization and planning in the clothing industry] *Ekonomika, organizatsiia i planirovanie shvel'nogo proizvodstva*. Pod red. A. A. Turchaninova. Moskva, Legkaii industriia, 1966. 373 p.
- NOVOSIBIRSK. INSTITUT SOVETSKOI KOOPERATIVNOI TORGOVII. [Essays on history of consumer's cooperatives in Siberia] *Ocherki istorii potrebitel'skoi kooperatsii Sibiri*. Pod nauchnoi red. V. K. Ivashchenko. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 335 p.
- NOVOSIBIRSK. SEL'SKOKHOZIAISTVENNYI INSTITUT. [Problems of price formation during period of large-scale building of communism] *Problemy tsenoobrazovaniia v period razvernutoi stroitel'stva kommunizma*. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 173 p. (CSI-II)
- OHORODNYK, S. I. A. [Production and distribution during period of large-scale building of communism] *Vytrobytstvo i rozpodil u period rozhornutoho budynvstva komunizmu*. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1963. 245 p. (NCU)
- ORLOV, I. A. L. [Commerce dictates to industry; on direct relations between industrial and commercial enterprises] *Torgovlia dikuet proizvodstvu; o priamnykh svyazakh promyshlennykh i torgovykh predpriiatii*. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no. 2) MH
- OS'KIN, V. A. [Planning for industrial production] *Planuvanne pramyselovi vytvorchastei*. Minsk, Belarus', 1965. 22 p. (U dapanomu vyvuchaluchym ekonomiku, no. 3)
- OSTROVSKII, V. B., and B. L. VENIG. [Along the old Saratov roads; from the past and present of the Saratov peasantry] *Po starym sarakovskim trakтам; iz proshlogo i nastoiashchego sarakovskogo krest'ianstva*. Saratov, Privolzhskoe knizhnoe izd-vo, 1966. 135 p. (Posviashchenaia 50-letiiu Oktabria)
- OVEZOV, B. A. V. S. [September Plenum of the Central Committee of the CPSU and the outlook for the economic development of the Turkmen S.S.R.] *Sentabir'skii Plenum TsK KPSS i perspektivy razvitiia narodnogo khoziaistva Turkmen'skoi SSR*. Ashkhabad, "Turkmenistan", 1966. 25 p.
- PANNIKOV, V. D. [23d Congress of the CPSU and prospects for the development of agriculture] *XXIII s'ezd KPSS i perspektivy razvitiia sel'skogo khoziaistva*. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. V Seriya: Sel'skoe khoziaistvo, no. 12)
- PANOV, N. N., and V. D. KHARIN. [Labor incentives for workers in the service industries] *Stimulirovanie truda rabotnikov sfery obsluzhivaniia*. Pod red. B. M. Sukharevskoi. Moskva, Mysl', 1966. 123 p.
- PATRUSHEV, V. D. [Time as an economic category] *Vremia kak ekonomicheskaii kategoriia*. Moskva, Mysl', 1966. 236 p.
- PERVENTSEV, A. A. [Let us continue our conversation on the cultured man; a writer's remarks] *Pradozhaem razgovor o kul'turnom cheloveke; zametki pisatel'a*. [Moskva] Mosk. rabochii, 1961. 133 p. (NNC)
- PESCHANYI, D. G. [Pages of a great friendship; about the economic and cultural ties of Krasnodar Territory with people's democracy countries] *Stranitsy velikoi druzhby; ob ekonomicheskikh i kul'turnykh svyazakh Krasnodarskogo kraia so stranami narodnoi demokratsii*. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1964. 65 p. (CSI-II)
- PETROV, I. U. K. [Financial rights of the enterprise] *Finansovyie prava predpriiatii*. Moskva, Finansy, 1966. 45 p. (Finansy promyshlennosti)
- PETUKHOV, V. N. [Notebooks of a prosecutor] *Zapiski prokurora*. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1965. 121 p. (NIP)
- PLOSKONOS, G. A., and S. G. PRODANETS. [Carrying out the principle of material incentive in collective farm production during the period of large-scale building of communism] *Osuoshchestvlenie printsipa material'noi zainteresovanosti v kolhoznom proizvodstve v period razvernutoi stroitel'stva kommunizma; konspekt lektsii po XIX, XX i XXI temam kursa politekonomii v pomoshch' studentam obshchenauchnogo fakul'teta Odesskogo universiteta*. Odessa, Odesskii gosudarstvennyi universitet, 1964. 31 p. (CSI-II)

- POLIVANOV, I. A. [It has no equals] Enu net ravnnykh. Volgograd, Nizhne-Volzhskoe knizhnoe izd-vo, 1965. 46 p. (Na zavodakh bol'shoi khimii)
- POSTAVNOI, V. G. [The international revolutionary movement of the working class; an aid to correspondence students] Mezhdunarodnoe revoliutsionnoe dvizhenie rabochego klassa; v pomoshch' studentam-zachinkam. Dnepropetrovsk, Dnepropetrovskii gos. univ., 1965. 19 p. (CSI-II)
- [POWER INDUSTRY IN THE NATIONAL ECONOMY IN THE PLAN OF THE STATE COMMISSION FOR THE ELECTRIFICATION OF RUSSIA] Energetika narodnogo khoziaistva v plane GOELRO. Moskva, Ekonomika, 1955. 253 p.
- [PROFIT CONTROLLERS] Regulatory rentabel'nosti. Moskva, Znanie, 1966. 166 p. (Narodnyi universitet; Ser'skikhhoziaistvennyi fakul'tet, nos. 5/6)
- PUGACHEVA, A. A. [Statistics of supplying and selling materials and machinery] Statistika material'no-tekhnicheskogo snabzheniia i sbyta. Moskva, Statistika, 1966. 222 p.
- [QUALITY OF PRODUCTION AND THE TRADE UNIONS OF CZECHOSLOVAKIA, Translated from the Czech] Kachestvo produktov i profsoyuzy Chexoslovakii. [Moskva] Profizdat, 1966. 94 p.
- REPUBLIKANSKOE SOVESHCHANIE ENERGETIKOV KIRGIZII. Ist. Frunze, 1960. [First Republic Conference of the Power Workers of Kirgizia; basic materials] Pervoe respublikanskoe soveshchanie energetikov Kirgizii; osnovnye materialy. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 74 p. (NIC)
- [ROMANCE OF KOMSOMOL YOUTH; sketches] Romantika komсомольской юности; ocherki. Minsk, Belarua', 1965. 106 p. (CSI-H)
- ROZANOV, M. D. [Obukhov plant workers; story of the "Bol'shevik" Plant (former Obukhov Steel Smelting Plant)] Obukhovtsy; istoriia zavoda "Bol'shevik" (byvshego Obukhovskogo stal'nogo zavoda). Leningrad, Lenizdat, 1965. 522 p. (Istoriia fabrik i zavodov Leningrada)
- [ROMANIA IN FACTS AND FIGURES] Rumyniia v tsifrakh i faktakh. Bucharest, Meridiane, 1964. 58 p.
- RUSSIA (1917- R. S. F. S. R.) Ministerstvo stroitel'stva. [Collection of leading materials on wages for workers in construction and building materials industry] Sbornik rukovodiaschikh materialov po opiate truda rabotnikov, zaniatykh v stroitel'stve i promyshlennosti stroitel'nykh materialov. Izd. 2., ispr. i dop. Moskva, Stroizdat, 1966. 638 p.
- RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Social security and pension insurance on collective farms; a collection of the principal documents] Sotsial'noe strakhovanie i pensionnoe obespecheniie v kolhozakh; sbornik rukovodiaschikh materialov. [Moskva] Profizdat, 1966. 190 p.
- prilozheniiami poligraficheskoi promyshlennosti. Vvodi-
tsia v deistvie s 1 ianvaria 1965 g. Moskva, Kniga, 1964. 46 p.
- RUSSIA (1923- U. S. S. R.) Tsentral'noe statisticheskoe upravlenie. [The U. S. S. R. in figures for 1965; a concise statistical abstract] SSR v tsifrakh v 1965 godu; kratkii statisticheski sbornik. Moskva, Statistika, 1966. 167 p.
- SEMEV, B. N., and S. I. A. LEIN, eds. [Economics of the construction of pipelines; a handbook] Ekonomika stroitel'stva magistral'nykh truboprovodov; spravochnoe posobie. Moskva, Nedra, 1966. 343 p.
- SHAMOTA, N. Z. [By command of history] Za velinam istorii. Kyiv, Vyd-vo "Dnipro," 1965. 276 p. (NcU)
- SHARAPOV, G. V. [Criticism of the agrarian problem by anticomunism] Kritika antikomunizma po agrarnomu voprosu. Moskva, Mysl', 1966. 386 p.
- SHAUCHENKA, V. M., and I. A. IAZVINSKAIA. [Economic laws are the basis of the economic policy of the CPSU and the Soviet government] Ekonomicheskiye zakony - osnovna ispravdachi politiki KPSS i Sovetskoi dzhiznzhavy. Minsk, Belarua', 1966. 36 p. (U dapanohu vyvuchaluchym ekonomiku, no. 1)
- SICHACHLOU, B. S. [Accounting should aid economics of enterprises] Buxhaliyski ulik - na sluzhu ekonomiki prapriyemstva. Minsk, Belarua', 1966. 22 p. (U dapanohu vyvuchaluchym ekonomiku, no. 12)
- SHENGER, I. E., ed. [Problems in financing water management] Voprosy finansirovaniia vodnogo khoziaistva. Moskva, Finansy, 1966. 157 p.
- SMEKHIV, A. A. [Automation of computation processes for freight charges and drawing up of freight transportation documents; summaries of lectures] Avtomatizatsiia protsessov ischisleniia provoznykh plat i oformleniia gruzovykh perevozok; konspekt teksta. Pod obshchei red. V. V. Povorozhenko. Moskva, In-t inzhenerov zhelezn. transporta. No. 4. 1964. 30 p.
- SOBOLEV, N. P. [Improving the economy of lagging collective farms] Pod'em ekonomiki otstaliushchikh kolhozov. Moskva, Koles, 1966. 182 p.
- [SOCIALIST BYISK; from the history of the working class of Byisk] Byisk sotsialisticheskii; iz istorii rabochego klassa Byiska. Barnaul, Altaiskoe knizhnoe izd-vo, 1965. 1 v. (NcU)
- [SOCIALIST CZECHOSLOVAKIA, 1945-1963] Chexoslovakiia sotsialisticheskai, 1945-1963. Moskva, Pravda, 1965. 301 p. illus. maps. (NIC)
- SONTSOU, V. F., and G. I. KRAUTOVA. [Credit as an economic lever of industrial development] Kredit - ekonomichesky ryech razvitiia promyshlovosti. Minsk, Belarua', 1966. 33 p. (U dapanohu vyvuchaluchym ekonomiku, no. 8)
- SPASIBIN, I. I. [Agriculture in the German Democratic Republic] Selskoe khoziaistvo Germaneskoj Demokraticheskoi Respubliki. 2., izd. izd. Moskva, Ros-sel'khozizdat, 1965. 110 p.
- SREBRODOL'SKII, N. D. [Collection of problems in commercial computations] Sbornik zadach po togo-vym vychisleniim. [2., izd. perer., ispr. i dop.] Moskva, Ekonomika, 1966. 166 p.
- STRACHACH, I. U. D. [National traditions and training of modern industrial and agricultural labor force; taiga and tundra regions of Siberia] Narodnye traditsii i podgotovka sovremennykh promyshlovo-selskikh-zhivnykh kadrov; taizhnye i tundrovye raiony Sibiri. Novosibirsk, Nauka, 1966. 145 p.
- [TATARIA ON THE ROAD TO COMMUNISM] Tatariia na puti k kommunizmu. [Kazan'] Tatarskoe knizhnoe izd-vo, 1965. 322 p.
- TEL'NOV, V. N. [Volunteer work committees] Obshchestvennyi domovyi komitet. [Moskva] Profizdat, 1966. 62 p. (Biblioteka profsoyuznogo aktivista, no. 15(135))
- TIKHOMIROV, M. N. [Medieval Russia on international trade routes, the 14th and 15th centuries] Srednevekovaya Rossiia na mezhduarodnykh putakh (XIV-XV vv). Moskva, Nauka, 1966. 173 p. (Nauchno-popul'narnai serii)
- [TIMETABLE FOR PASSENGER TRAINS (abridged); for 1966-1967] Raspisanie dvizheniia passazhireskikh poezdov (kratkoe); na 1966-1967 gg. Moskva, Transport, 1966. 350 p. map (insert)
- [TIMETABLE OF THE SUBURBAN TRAINS; Moscow - Balashukha - Noginsk - Petushki, the Kursk Station of the Moscow Railroad] Raspisanie dvizheniia prigorodnykh poezdov Moskva - Balashukha - Noginsk - Petushki, Kurskii vokzal Moskovskoi zh. d. na leto 1966 g. Moskva, Transport, 1966. 71 p.
- [TIMETABLE OF THE SUBURBAN TRAINS FOR THE SUMMER OF 1964; Moscow - Zavidovo - Kalinin, Moscow - Klin, Klin - Vysokovskaya] Raspisanie prigorodnykh poezdov na leto 1964 g. Moskva - Zavidovo - Kalinin, Moskva - Klin, Klin - Vysokovskaya. Leningrad, Transport, [1964] 46 p.
- [TIMETABLE OF THE SUBURBAN TRAINS FOR THE SUMMER OF 1965; Moscow - Zavidovo - Kalinin, Moscow - Klin, Klin - Vysokovskaya] Raspisanie prigorodnykh poezdov na leto 1965 g. Moskva - Zavidovo - Kalinin, Moskva - Klin, Klin - Vysokovskaya. Leningrad, Transport, [1965] 47 p.
- [TRADE UNIONS OF NORTH AMERICAN COUNTRIES] Profsoyuzy stran Severnoi Ameriki. [Moskva] Profizdat, 1966. 70 p. (Profsoyuzy mira)
- TSEDERBAUM, I. U. I. A. [Computation and retelling of average earnings] Ischislenie i sokhranenie srednego zarabotka. [Moskva] Profizdat, 1966. 125 p. (Biblioteka profsoyuznogo aktivista, no. 14(134))
- TSENTRAL'NYI INSTITUT NAUCHNO-TEKHICHESKOI INFORMATSII I PROPAGANDY ZHELEZNOODOZHNOGO TRANSPORTA. [Business accounting in railroad transport; issuing materials and spare parts according to estimated supply request cards] Khoziaistvennyi raschet na zheleznodorozhnom transporte; otpusk materialov i zapasnykh chastei po limituiu kartam. Moskva, 1964. 46 p. (Kompleknye voprosy razvitiia zheleznodorozhnogo transporta, no. 6)
- TSIGEL'MAN, T. E. [Operation and production planning in printing enterprises] Operativno-proizvodstvennoe planirovaniie na poligraficheskikh predpriatiakh. Moskva, Kniga, 1966. 197 p.
- UKRAINE. Tsentral'nyi gosudarstvennyi istoricheski arkhiv. [Labor movement in Ukraine, June 1907-October 1910; collection of documents] Rolnnychi rukh na Ukraini, cherven' 1907 r. - zhovten' 1910 r.; zbirnyk dokumentiv. Kyiv, Naukova dumka, 1965. 333 p. (CaOTU)
- ULAN-BATOR, Ulan-Bator, Izd. ispolnitel'nogo upr. khuralov narodnykh deputatov [1961] 47 p.
- VALIEV, A. K. [Formation and development of a Soviet national intelligentsia in Central Asia] Formirovaniie i razvitiie sovetskoi natsional'noi intelligentsii v Srednei Azii. Tashkent, Izd-vo "Fan" UzSSR, 1966. 157 p.
- VINOGRADOV, V. A. [Problems of theory and practice of socialist nationalization of industry] Voprosy teorii i praktiki sotsialisticheskoi natsionalizatsii promyshlennosti. Moskva, Nauka, 1965. 387 p.
- VISHNIAKOV, S. A., and R. A. KUDRIASHOV. [Preparation and implementation of the rural budget; a practical guide for workers of rural soviets and financial organs] Sostavlenie i ispolneniie sel'skogo budzheta; prakticheskoe posobie dlia rabotnikov sel'skikh Sovetov i finansovykh organov. Moskva, Finansy, 1966. 128 p.
- VOLKOV, K. V. [Economic ties between city and village during period of building of socialism] Ekonomicheskie svyazi mezhdu gorodom i derevnio v period stroitel'stva sotsializma. Tomsk, Izd-vo Tomskogo univ., 1964. 114 p.
- VOLYNSKAYA OBLAST'. Statisticheskoe upravlenie. [National economy of Volyn' Province; statistical abstract] Narodnoe hospodarstvo Volyn'skoi oblasti; statisticheski zbirnyk. L'viv, Statistika, 1965. 235 p.
- ZAITSEV, N. S. [Supremacy of monopolies in U. S. A. agriculture] Gospodstvo monopolii v selskom khoziaistve SShA. [Moskva] Izd-vo Mosk. univ., 1966. 152 p.
- ZHALINA, E. A. [Labor productivity in stockbreeding] Prolzvoditel'nost' truda v zhivotnovodstve. Moskva, Koles, 1966. 71 p.

6. POLITICAL SCIENCE

[AT THE SOURCES OF LIFE; from the work experience of shop party organizations and of party groups in enterprises, at construction sites and in transportation in Moldavia] U istokov zhizni; iz opyta raboty iskhovykh partorganizatsii i partinykh grupp predpriatii, stroek i transporta Moldavii. Saransk, Mordovskoe knizhnoe izd-vo, 1964. 76 p. (CSI-II)

BOCHKAREV, I. U. A. [Handshake of three continents] Rukopozhatie trekh kontinentov. Moskva, Politizdat, 1966. 54 p.

[THE BOLSHEVIK PARTY DURING THE YEARS OF THE NEW REVOLUTIONARY DEVELOPMENT, 1910-1914; documents and materials] Partiya bol'shevikov v gody novogo revoliutsionnogo pod'ema, 1910-1914; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961. 533 p. (V pomoshch' izuchalushchim istorii KPSS) (MIDJ)

BORISOV, I. S. [The first experience in history; the Communist Party in the struggle for the building of socialism in the U.S.S.R., 1921-1937] Pervyi v istorii opyt; Kommunisticheskaya partiya v bor'be za postroyeniye sotsializma v SSSR (1921-1937 gg.). Moskva, Politizdat, 1966. 127 p. (Molodomu komunistu ob istorii KPSS)

CHEKHARIN, I. M. [Standing committees of the local soviets] Postolannye komitetsy mestnykh Sovetov. Moskva, Iuridicheskaya literatura, 1966. 87 p.

[CHRESTOMATHY ON SOCIAL SCIENCES; for students of high schools and secondary specialized educational establishments] Khrestomatia po obshchestvovedeniyu dlia uchashchikhsia srednikh shkol i srednikh spetsial'nykh uchebnykh zavedenii. Izd. 3. Moskva, Politizdat, 1966. 445 p.

[CHRESTOMATHY ON THE HISTORY OF THE CPSU; for students attending schools on the fundamentals of Marxism-Leninism] Khrestomatia po istorii KPSS; v pomoshch' slushateliam shkol osnov marksizma-leninizma. Moskva, Politizdat, 1966. 422 p. (Dlia stateniy partinnoi ucheby)

[CHRONICLE OF INTERNATIONAL EVENTS, 1965] Khronika mezhdunarodnykh sobytii, 1965 god. Moskva, IMO, 1966. 317 p.

[COUNTRY OF NATIONAL LACK OF RIGHTS] Strana natsional'nogo bespravliya. Moskva, Politizdat, 1966. 127 p.

DEMIDOVA, N. F., and V. S. MIASNIKOV. [First Russian diplomats in China; "Information notes" of I. Petlin and report of F. I. Balkov] Pervye russkie diplomaty v Kitae; "Rossiya" I. Petlina i stateinyi spisek F. I. Balkova. Moskva, Nauka, 1966. 156 p.

EFIMOV, A. G., and P. V. POZDNIakov. [Scientific foundations of party propaganda] Nauchnye osnovy partinnoi propagandy. Moskva, Mysl', 1966. 174 p.

GABUNIA, V. K. [Tactics of revolutionary compromises and agreements; the historical experience of the CPSU] Taktika revoliutsionnykh kompromissov i soglasenii; istoricheskiy opyt KPSS. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauka, tekhnika, i Seriya: Istoriya, no. 2) MH

GOROSHKO, G. B. [Struggle in India over the problems of foreign policy, 1957-1964] Bor'ba v Indii po voprosam vneshnei politiki (1957-1964 gg.). Moskva, IMO, 1966. 143 p.

[HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION; a visual aid in four issues] Istoriya Kommunisticheskoi partii Sovetskogo Soyuza; nagladnoye posobie v chetyrekh vypuskakh. Izd. 2. Moskva, Politizdat, No. 2. [March 1917-1925] Mart 1917 g. - 1925 g. 1966. 218 p.

INTERNATIONAL WORKINGMEN'S ASSOCIATION. [Documents of the First International] Dokumenty Pervogo Internatsionala. Moskva, Gos. izd-vo polit. lit-ry, 1961- (INU)

KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOYUZA. 23. s'ezd, Moscow, 1966. [Greetings to the 23d Congress of the CPSU. Translated from the Polish and other languages] Privetstviya XXIII s'ezdu KPSS. Moskva, Politizdat, 1966. 406 p.

KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOYUZA. 23. s'ezd, Moscow, 1966. [Resolution of the 23d Congress of the Communist Party of the Soviet Union concerning the report of the Central Committee of the CPSU. Passed unanimously on April 8, 1966. Decision of the 23d Congress of the Communist Party of the Soviet Union amending in part the Statute of the CPSU. Passed unanimously on April 8, 1966] Rezolyutsiya XXIII s'ezda Kommunisticheskoi partii Sovetskogo Soyuza po otchetnomu dokladu Tsentral'nogo Komiteta KPSS. Priniata edinoglasno 8 aprelya 1966 goda. Poslanovleniye XXIII s'ezda Kommunisticheskoi partii Sovetskogo Soyuza o chastichnykh izmeneniyakh v ustave KPSS. Priniata edinoglasno 8 aprelya 1966 goda. Moskva, Politizdat, 1966. 29 p.

LAPITSKII, I. M. [Echo of our planet] Ekho planety. Moskva, IMO, 1966. 83 p. (V pomoshch' agitatoram, propagandistam, lektoram-mezhdunarodnikam)

LAVRISHCHEV, A. A. [Southeast Asia and the intrigues of the imperialists] Iugo-Vostochnaya Azia i proslaki imperialistov. Moskva, Znanie, 1966. 31 p. (Biblioteka "U politicheskoi karty mira," no. 7)

LEVS'KYI, V. [First International and the contemporary international communist movement] I International i suchasnyi mlzhnarnodnyi komunistichnyi rukh. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1964. 68 p. (CaOTU)

MAZAEV, A. G. [The transformed steppes of Mongolia] Preobrazhennye stepi Mongolii. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. VII Seriya: Mezhdunarodnaya, no. 12)

MOSCOW, AKADEMIA OBSHCHESTVENNYKH NAUK. [Against reformism, for unity of the workers' movement] Protiv reformizma, za edinstvo rabochego dvizheniya. Moskva, Mysl', 1966. 502 p.

MOSCOW, AKADEMIA OBSHCHESTVENNYKH NAUK. [National-liberation struggle of the peoples at the present stage] Natsional'no-osvoboditel'naya bor'ba narodov na sovremennom etape. Moskva, Mysl', 1966. 430 p.

MOSCOW, INSTITUT MARKSIZMA-LENINIZMA. [History of the Communist Party of the Soviet Union in six volumes] Istoriya Kommunisticheskoi partii Sovetskogo Soyuza v shesti tomakh. Glav. red. P. N. Pospelov i dr. Moskva, Politizdat. Vol. 2. [The Party of the Bolsheviks in the struggle for the overthrow of Tsarism, 1904 to February 1917] Partiya bol'shevikov v bor'be za sverzheniye tsarizma, 1904-fevral' 1917 goda. 1966. 774 p.

OZADOVS'KYI, A. A. [Policy of the U.S.A. in Africa] Politika SSHA v Afriki. Kyiv, [Vyd-vo "Radians'ka Ukraina"] 1966. 44 p. (Tovarystvo "Znannya" Ukrainy i RSR. Seriya III, no. 8)

PAVLOV, S. P. [Report of the Central Committee of the Communist Youth League and the tasks of the Komsomol arising from the decisions of the 23d Congress of the CPSU; report and concluding statement at the 15th Congress of the Communist Youth League, May 1966] Otchet Tsentral'nogo Komiteta VLKSM i zadachi komsomola, vytekayushchie iz reshenii XXIII s'ezda KPSS; doklad i zaklyuchitel'noe slovo na XV s'ezde VLKSM, mai 1966 goda. [Moskva] Molodaya gvardiya, 1966. 71 p.

POKHLEBKIN, V. V. [The Baltic and the struggle for peace] Baltika i bor'ba za mir. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauka, tekhnika. VII Seriya: Mezhdunarodnaya, no. 13)

[PROBLEMS OF PARTY EDUCATION; from experience in organization of political training] Voprosy partinnoi ucheby; iz opyta organizatsii politicheskogo prosveshcheniya. Moskva, Politizdat, 1966. 150 p.

[PROGRAM FOR ELEMENTARY POLITICAL SCHOOLS] Programma nachal'noi politicheskoi shkoly. Moskva, Politizdat, 1966. 15 p. (Sistema partinnoi ucheby)

[PROGRAM FOR SCHOOLS ON PRINCIPLES OF MARXISM-LENINISM] Programma shkoly osnov marksizma-leninizma. Moskva, Politizdat, 1966. 61 p. (Sistema partinnoi ucheby)

RUSAKOV, N. N. [Check your watch...] Prover'te vashi chasy... Moskva, Politizdat, 1966. 62 p.

SHCHETININ, B. V. [Power of the people] Vlast' naroda. Moskva, Znanie, 1966. 78 p. (Narodnyi universitet; Fakul'tet pravovykh znaniy, no. 4)

SHIBAEVA, E. A. [Specialized agencies of the U.N.; their international aspects] Spetsializirovannyye uchrezhdeniya OON; mezhdunarodnye aspekty. Moskva, IMO, 1966. 110 p.

SITNIKOVA, T. A. [Party struggle for the consolidation and development of socialist society. Strengthening of defenses of our country, 1937-June, 1941] Partiya v bor'be za uprocheniye i razvitiye sotsialisticheskogo obshchestva. Usileniye oborony strany, 1937 god-iyun' 1941 goda. Moskva, Politizdat, 1966. 37 p. (Uchebno-metodicheskie posobia k izucheniu istorii KPSS v shkolakh osnov marksizma-leninizma)

[STRUGGLE FOR CREATION OF MARXIST PARTY IN RUSSIA; formation of Russian Social-Democratic Workers Party. Rise of Bolshevism, 1894-1904. Consultations, advice on methods] Bor'ba za sozdaniye marksisticheskoi partii v Rossii; obrazovaniye RSDRP. Vozniknoveniye bol'shevizma, 1894-1904 gody. Konsultatsii, metodicheskie sovery. Moskva, Mosk. rabochi, 1965. 153 p. (NeU)

TULENOV, Zh. T. [Political structure of Soviet society] Politicheskaya organizatsiya sovetskogo obshchestva. Alma-Ata, Kazakhstan, 1965. 197 p.

[WITH THE LANGUAGE OF VISUAL PROPAGANDA] Iazykom nagladnoi agitatsii. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 83 p.

7. LAW

BAISALOV, S. B. [Irrigation law of the Kazakh S.S.R.; some theoretical and practical problems] Vodnoe pravo Kazakhskoi SSR; nekotorye problemy teorii i praktiki. Alma-Ata, Nauka, 1966. 397 p.

BALEZIN, V. P. [Test cases in Soviet land law; a textbook for students] Shornik zadach po sovetскому zemel'nomu pravu; uchebnoe posobie dlia studentov. [Moskva] Izd-vo Mosk. univ., 1966. 65 p.

BARABOLIA, P. D., L. A. IVANASHCHENKO, and D. N. KOSENIK. [The international law regime of the principal straits and canals] Mezhdunarodno-pravovoi rezhim vazhnykh prolitov i kanalov. Moskva, Iuridicheskaya literatura, 1965. 149 p. (SST-IF) (NJP)

[COLLECTION OF INTERNATIONAL CONVENTIONS, TREATIES AND AGREEMENTS ON FISHERIES AND FISHERY RESEARCH] Shornik mezhdunarodnykh konventsiy, dogovorov i soglasenii, kasayushchikhsia rybolovstva i rybokhozstvennykh issledovaniy. Moskva, Pishchevaia promyshlennost', 1966. 464 p.

KOBLIKOV, A. S. [Court sentence] Sudebnyi prigovor. Moskva, Iuridicheskaya literatura, 1966. 133 p.

KONI, A. F. [Collected works in eight volumes] Sobraniye sochinenii v vos'mi tomakh. Moskva, Iuridicheskaya literatura. Vol. 1. [From the notes of a man of the judiciary] Iz zapisk sudebnogo delatelya. 1966. 505 p.

KONIAEV, N. I. [Should the health of a collective farmer be injured...] Esli zdorov'iu kolkhoznika prichinen vred... Moskva, Iuridicheskaya literatura, 1966. 70 p.

LUNTS, L. A. [International civil procedure] Mezhdunarodnyi grazhdanskiy protsess. Moskva, Iuridicheskaya literatura, 1966. 188 p. (Hilz: Kurs mezhdunarodnogo chuzhnogo prava)

NIKITENKO, T. V., and P. P. SIL'CHENKOV. [The court went into deliberation...] Sud udalilsia na soveshchaniye... Leningrad, Ob-vo "Znanie" RSFSR, 1966. 44 p.

[PEOPLE'S ASSESSORS; a textbook for students of the people's assessors' faculties in popular universities] Narodnye zasudateli; uchebnoe posobie dlia slushatelei narodnykh universitetov fakul'tetov narodnykh zasudatelei. Moskva, Znanie, 1966. 163 p. (Narodnyi universitet; Fakul'tet pravovykh znaniy, no. 5/6)

POPOVA, E. V. [Prosecutorial supervision over the implementation of laws on the protection of socialist property] Prokurorskiy nadzor za ispolneniem zakonov ob okhrane sotsialisticheskoi sobstvennosti. Pod red. G. P. Toropova. Moskva, Iuridicheskaya literatura, 1966. 102 p.

RUSSIA (1917- R.S.F.S.R.) Laws, statutes. [Commentary on the theory and application of the Civil Code of the R.S.F.S.R.] Nauchno-prakticheskiy kommentarii k GK RSFSR. Pod red. E. A. Fleishits. Moskva, Iuridicheskaya literatura, 1966. 640 p.

RUSSIA (1917- R.S.F.S.R.) Laws, statutes, etc. [Statute on comrades courts. Approved by Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. of July 3, 1961, with amendments and supplements introduced by Decrees of the Presidium of the Supreme Soviet of the R.S.F.S.R. of March 3, 1962, October 23, 1963, and January 10, 1965] Polozheniye o tovarishcheskikh sudakh. Uverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta RSFSR ot 3 iulya 1961 goda s izmeneniyami i dopolneniyami, vnosenymi Ukazami Prezidiuma Verkhovnogo Soveta RSFSR ot 3 marta 1962 goda, ot 23 oktyabrya 1963 goda i 16 yanvarya 1965 goda. [Moskva] Profizdat, 1965. 15 p.

[MICROFILM]

RUSSIA (1923- U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of the Soviet Socialist Republics. With the amendments and supplements passed by the sixth and seventh sessions of the Sixth Supreme Soviet of the U.S.S.R.] Konstitutsiya (osnovnyi zakon) Sotuzu Radnans'kykh Sotstallat'sykh Respublik. Iz zminyamy i dopovenniamy, pryniatymy na shostoi s'oznii sesiiakh Verkhovnoi Rady SRSR shostoho sklykannia. Kyiv, Polityvdav Ukrainy, 1966. 30 p.

RUSSIA (1923- U.S.S.R.) Komitet po delam izobretenii i otkryti. [Collection of legislative enactments and decrees on inventions and technological innovations] Sbornik zakonodatel'nykh aktov i postanovlenii po izobretatel'stvu i ratsionalizatsii. Izd. 3., ispr. i dop. Moskva, TsNIPI, 1965. 310 p.

RUSSIA (1923- U.S.S.R.) Laws, Statutes, etc. [Pensions and allowances for collective farm members; a collection of legislative enactments] Penii i posobila chlenam kolhozov; sbornik zakonodatel'nykh aktov. Minsk, Urozhai, 1965. 141 p. (CST-H)

SHIRSHIKOV, A.M. [Execution of court decisions] Ispolneniye sudebnykh reshenii. Moskva, Iuridicheskaya literatura, 1966. 109 p.

SHLEMIN, A.M. [Liability of public officials for illegal dismissal] Otvetstvennost' dolzhnostnykh lits za nezakonnoe uvolneniye. Moskva, Iuridicheskaya literatura, 1966. 109 p.

VERESHCHAGIN, A.N. [International law of the air; problems of international legal regulation of air traffic] Mezhdunarodnoye vozdukhnoye pravo; problemy mezhdunarodno-pravovogo regulirovaniya vozdukhnykh soobshchenii. Moskva, IMO, 1966. 195 p.

VSESOUZNYI NAUCHNO-ISLEDOVATELSKII INSTITUT SOVETSKOGO ZAKONODATEL'STVA. [New civil and civil procedure codes of the union republics; abstracts of reports for the scientific conference of the All-Union Research Institute on Law, October 14-15, 1964] Novyye grazhdanskii i grazhdanskii protsessual'nye kodeksey soluznykh respublik; tezisy dokladov k nauchnoi konferentsii VNISZ 14-15 oktyabrya 1964 g. Moskva, 1964. 29 p.

[MICROFILM]

8. EDUCATION

AIVAZIAN, A.S. [A school is the center for the organization of the extracurricular time of its students; the school which participated in the Exhibition of the Achievements of the Soviet Economy] Shkola-tsentr raboty po organizatsii vneuchebnogo vremeni uchashchikhsia; shkola - uchastnitsa VDNKh. Erevan, Respubl. in-t usovershenstvovaniya uchitelei, 1965. 19 p.

AKADEMIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Theory and practice of sensory education in kindergartens] Teoriya i praktika sensornogo vospitaniya v detskom sadu. Pod red. A. P. Usouvi i N. P. Sakulinoi. Moskva, Prosveshchenie, 1965. 185 p. (NIC)

BLAUS, A. [MA-IV training automaton; description and application methods. Translated from Latvian] Uchebnyi avtomat MA-IV; opisaniye i metodika primeneniya. Riga, Rizhskii politekhn. in-t, 1966. 30 p.

[DANCES WITH A THEME] Sluzhetnye tanty. Moskva, Iskustvo, 1966. 78 p. (Repertuar khudozhestvennoi samodelatel'nosti, no. 6)

DANILOVA, M.A., ed. [Classwork in eight-year schools] Urok v vos'miletnei shkole. Moskva, Prosveshchenie, 1966. 240 p.

EPSHTEIN, L.E. [Economics and education] Ekonomika i vospitaniye. [Chelabinsk] Uzhno-Ural'skoe knizhnoe izd-vo, 1965. 98 p. (CST-H)

GAVRILIN, V. [Special assignment; essays] Osoboe zadaniye; ocherki. Moskva, Izd-vo gazety "Krasnaya zvezda," 1966. 29 p. (Biblioteka "Krasnoi zvezdy," no. 12(192))

GERASIMOVA, T.P. [Education during geography lessons: Formation of communist outlook of students during the teaching of geography in grades 5-8; aid for teachers] Vospitaniye na urokakh geografii: Formirovaniye kommunisticheskogo mirovovzreniya uchashchikhsia pri obuchenii geografii v V-VII klassakh; posobie dlia uchitelia. Moskva, Prosveshchenie, 1965. 102 p. (NIC)

GOLDSZMIT, HENRYK. [Selected pedagogical works. Translated from Polish] Izbrannye pedagogicheskie proizvedeniya. [Moskva, Prosveshchenie, 1966] 469 p. [Publ. under his pseud. Janusz Korczak]

HOLECIOVA, OLGA, L'UBA KLINDOVA, and IANA BERDYCHOVA. [Games in kindergarten. Translated from the Slovak] Igra v detskom sadu. Moskva, Prosveshchenie, 1966. 251 p.

HOORCHOWYCH, TONIA. [Parents and children] Bat'ky i dity. Winnipeg, Nakladom Sotuzu Ukrainok Kanady z Fundatsii Im. Natalii Kobryns'kol, 1965. 136 p.

KERES, PAUL. [One hundred games] Sto partii. Moskva, Fizkul'tura i sport, 1966. 381 p.

LENNINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Pedagogical sciences; program and abstracts of reports, March 28-May 13, 1966] Pedagogicheskie nauki; programma i tezisy dokladov, 28 marta-13 maja 1966 g. Leningrad, 1966. 234 p. (XIX Gertsensovskie chteniya)

MIKHAILOV, V.V. [Sports and respiration] Sport i dykhanie. Izd. 2. Moskva, Fizkul'tura i sport, 1966. 39 p. (Biblioteka sportmenov)

NECHAEVA, V.G., and E.I. KORZAKOVA. [Building games in kindergarten] Stroitel'nye igry v detskom sadu. Izd. 2., dop. Moskva, Prosveshchenie, 1966. 138 p.

ORLOVA, F.M., and E.N. SOKOVNINA, comps. [We are merry; a collection of materials for diversions in kindergartens. From the experience of music teachers in Moscow] Nam veselo; sbornik materialov po razvlecheniyam v detskikh sadakh. Iz opyta muzykal'nykh rabotnikov Moskvy. Moskva, Prosveshchenie, 1965. 229 p. illus. (insert)

PALYVODA, S.S. [All-around champion Viktor Chukarin] Absolutnyi chempion Viktor Chukarin. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 70 p.

PETROVSKI, A.V. [Abilities and work] Sposobnosti i trud. Moskva, Znanie, 1966. 78 p. (Narodnyi universitet: Pedagogicheski fakul'tet, no. 7)

PETROZAVODSK. UNIVERSITET. [25 years of the O.V. Kuusinen State University of Petrozavodsk] 25 let Petrozavodskogo gosudarstvennogo universiteta imeni O.V. Kuusinen. Petrozavodsk, Karol'skoe knizhnoe izd-vo, 1965. 223 p.

POLIAKOV, B.A. [Leather ball] Kozhannyi mlach. [Moskva] Molodai gvardia, 1966. 126 p.

SAKULINA, N.P., ed. [Methodology of teaching drawing, modeling and applied in kindergartens; a textbook for preschool pedagogical institutes] Metodika obucheniya risovaniyu, lepke i aplikatsii v detskom sadu; uchebnik dlia doskol'nykh pedagogicheskikh uchilishts. Izd. 4., ispr. i dop. Moskva, Prosveshchenie, 1966. 265 p.

SOVETSKAYA PEDAGOGIKA. [Marxism and pedagogy; V.I. Lenin's teachings on general and communist education (an aid to party studies)] Marksizm i pedagogika; ucheniye V.I. Lenina ob obrazovanii i kommunisticheskoi vospitanii (v pomoshch' partinnoi uchebe). Moskva, Prosveshchenie, 1966. 119 p.

TITKOV, A.F. [Social principles in public education; from experience in work of schools...] Obshchestvennye nachala v narodnom obrazovanii; iz opyta raboty shkol.... Moskva, Prosveshchenie, 1965. 116 p. (NIC)

UKRAINE. Ministerstvo prosveshcheniya. [Development of public education in the Ukrainian Soviet Socialist Republic in the 1963-1964 school year; a report delivered at the 27th International Conference on Public Education, Geneva July 1964] Razvitiye narodnogo obrazovaniya v Ukrainskoi Sovetskoi Sotsialisticheskoi Respublike v 1963-1964 uchebnom godu; doklad, predstavlenyi XXVII Mezhdunarodnoi konferentsii po narodnomu obrazovanii, Zheneva, Iul', 1964 g. Kiev, 1964. 107 p. [In Russian, English, French, and Spanish]

USINS, V. [Beginning of the Soviet school in Latvia] Padomju skolas sakumi Latvija. Riga, Zvaigzne, 1965. 74 p. [In Latvian]

WHITE RUSSIA. Ministerstvo prosveshcheniya. [Development of public education in the White Russian S.S.R. in the 1963/64 school year; a report delivered at the 27th International Conference on Public Education, Geneva, July 1964] Razvitiye narodnogo obrazovaniya v Belorusskoi SSR v 1963/64 uchebnom godu; doklad, predstavlenyi XXVII Mezhdunarodnoi konferentsii po narodnomu obrazovanii, Zheneva, Iul', 1964 god. [Minsk, 1964] 49 p. [In Russian, English, and French]

9. MUSIC, THEATER & MOTION PICTURES

BARANOVA, G.I. [Young voices] Molodye golosa. [Moskva] Molodai gvardia, 1966. 150 p. illus.

BERKOV, V.O. [Harmony; a textbook] Garmoniya; uchebnik. Moskva, Muzyka. Pt. 3. 1966. 240 p.

DREYTBURG, IUL. A. [Joseph Joachim - pedagogue and performer] Iozef Iokhim - pedagog i ispolnitel'. Moskva, Muzyka, 1966. 114 p. (V pomoshch' pedagogumuzykantu)

GRAVITS, OLGERT. [Jozeps Vitols and the Latvian folk song. Translated from Latvian] Iozep Vitols i latviskaja narodnaja pesnia. Moskva, Muzyka, 1966. 101 p.

GRIVICKAS, VYTAUTAS. [Art of dancing] Sokio menas. Vilnius, Mintis, 1965. 221 p. [In Lithuanian]

GRUBER, R.I. [World history of music] Vsesvetskaya istoriya muzyki. Izd. 3. Moskva, Muzyka. Pt. 1. 1965. 484 p.

HORDICHUK, M.M. [Platon Ilarionovich Maliboroda; an account of his life and work] Platon Ilarionovich Maliboroda; narys pro zhytla i tvorchestvo. Kyiv, Mystetstvo, 1964. 45 p. (MH)

HEMETS', VASYL'. [Golden anniversary in the service of the Ukraine. About Cossack bandurists] U zoloto 50-riechchia na sluzhbu Ukraini. Pro kozakiv-banduristikiv. Hollywood, 1961. 361 p. (CoU)

KARAGANOV, A.V. [Motion pictures about Lenin and the Revolution] Fil'my o Lenine, o revoliutsii. Moskva, Znanie, 1966. 61 p. (Novoe v zhizni, nauka, tekhnika. VI Seriya: Literatura i iskusstvo, nos. 11/12)

KENIGSBERG, A.K. [Boris Aleksandrovich Arapov; sketch of his life and work] Boris Aleksandrovich Arapov; ocherk zhitni i tvorchestva. Leningrad, Muzyka, 1965. 42 p. (NIC)

KORTUA, I.E. [Abkhazian folk songs] Abkhazskaya narodnaya pesnia. Moskva, Muzyka, 1965. 103 p. (NIC)

KOTLIAROV, B.IA. [From the history of the musical ties of Moldavia, the Ukraine and Russia; essays and materials] Iz istorii muzykal'nykh svyazei Moldavii, Ukrainy i Rossii; ocherki i materialy. Kishinev, Kar-tia Moldovenaske, 1966. 120 p.

LYSENKO, O.M. [M.V. Lysenko; reminiscences of his son] Lysenko; spohady syna. Vyd. 4., pereroblene i dopovneno. Kyiv, Mystetstvo, 1966. 369 p.

NENEVICH, I.G. [Grigori Romanovich Shtrina; an account of his life and work] Grigori Romanovich Shtrina; ocherk zhitni i tvorchestva. Leningrad, Muzyka, 1964. 50 p. (WU)

ORTENBERG, A. [A.N. Aleksandrov; a thematic gallery] A.N. Aleksandrov; fotograficheski spravochek. Moskva, Muzyka, 1965. 170 p. (NIC)

PODZEMSKAYA, L.P. [M.M. Ippolitov-Ivanov and the Georgian musical culture] M.M. Ippolitov-Ivanov i gruzinskaya muzykal'naya kul'tura. [Tbilisi, Zaria Vostoka, 1963] 149 p. (MH)

RACHUK, I.A. [Your great friend] Tvoi bol'shoi drug. [Moskva] Molodai gvardia, 1965. 180 p. illus.

RAKITINA, E.B. Anatoli Afanas'evich Arapov. Moskva, Sovetskii khudozhnik [1965] 77 p. illus.

REMEZ, O. I. A. [Stories of the theater] Rasskazy o teatre. Moskva, Iskustvo, 1965. 131 p. (Reper-tuar khudozhestvennoi samodeiatel'nosti, no. 20)

ROZENSHIL'D, K. K. [The art of music and religion; an historical sketch] Muzykal'noe iskusstvo i religiya; istoricheskiy ocherk. Moskva, Muzyka, 1964. 180 p. (WU)

[RUSSIAN MUSICAL LITERATURE] Russkaya muzykal'naya literatura. Izd. 3., perer. Moskva, Muzyka, 1965- (NIC)

SIKHUKIN, B. V. [Articles, reminiscences, materials] Stat'i, vospominaniya, materialy. Moskva, Iskustvo, 1965. 333 p. (NeU)

SHKHMATOV, L. M. [Stage studies] Stsenicheskie etudy. Moskva, Sovetskaya Rossiya. [Biblioteka "V pomoshch' khudozhestvennoi samodeiatel'nosti," no. 10] No. 2. 1966. 62 p.

SHOSTAKOVICH, D. D. Katerina Izmailova. Moskva, Muzyka, 1966. 109 p. (Opernye libretto)

[SONGS OF RADIO, STAGE, AND SCREEN] Pesni radio, estrady, kino. [Moskva, Sovetskaya Rossiya, 1966. 126 p. (Biblioteka "V pomoshch' khudozhestvennoi samodeiatel'nosti," no. 14)]

TIGRANOV, G. G. [Opera and ballet in Armenia] Opera i balet Armenii. Moskva, Muzyka, 1966. 237 p.

VETLUGINA, N. A. [Musical ABC book] Muzykal'nyi bukvar'. Izv. 5., ispr. 1 dop. Moskva, Muzyka, 1966. 94 p. illus. [Lotto played with notes] Noinoe loto. 2 fold. sheets.

ZOGRAF, N. G. [Many Theater at the end of the 19th and beginning of the 20th centuries] Many teatr v konets XIX-nachale XX veka. Moskva, Nauka, 1966. 601 p. illus.

10. FINE ARTS

AFANAS'EV, V. A. Hennadii Ladyzhenskii. [Kyiv, Mystetstvo, 1966] 53 p. illus.

AKADEMIYA KHUDOZHESTV SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. Sektor dekorativnykh iskusstv. [The art of modern exposition; exhibitions and museums] Iskustvo sovremennoi ekspozitsii; vystavki, muzei. Pod red. V. P. Tolstogo, N. V. Voronova. Moskva, Sovetskii khudozhnik [1965] 154 p. illus.

AKADEMIYA KHUDOZHESTV SSSR. Institut zhivopisi, skulptury i arkhitektury. [History of art in foreign countries] Istoriya iskusstva zarubezhnykh stran. [Izd. 2., ispr.] Moskva, Izd-vo Akad. khudozhestv SSSR, Vol. 1. 1962. 390 p. illus.

AKADEMIYA KHUDOZHESTV SSSR. Nauchno-issledovatel'skii muzei. [Russian and Soviet school of art; guidebook] Russkaya i sovetskaya khudozhestvennaya shkola; putevoditel'. Leningrad, Sovetskii khudozhnik [1965] 137 p. illus.

ANTONENKO, V. H. [Ideology and artistic skill] Svitohlad i khudozhnia tvorchist'. Kyiv, Politydav Ukrainy, 1966. 86 p.

ARNAUTOV, V. M. [Life anew; autobiographic sketch] Zhizn' zanovo; avtobiograficheskiy ocherk. Donetsk, Donbass, 1965. 77 p. illus.

BULAKA, MECISLOVAS. [Old Vilnius] Vilnius - senamiestis. Vilnius, Valstybine polit. ir mokslines litros, leidykia, 1958. 9 p. 24 plates. [In Lithuanian, Russian, English and German]

BULATOVA, V. A., and I. I. NOTKIN. [Architectural monuments of Khiva; guide] Arkhitekturnye pamiatniki Khivy; putevoditel'. Tashkent, "Uzbekistan," 1965. 78 p. illus.

GOLOVANOV, N. N. Konstantin Finogenov. Moskva, Sovetskii khudozhnik [1966] 61 p. 47 plates. (NIC)

IASHEVYCH, V. IE. [P. F. Aleshin, a Kiev architect] Kyivskiy zodechil P. F. Aleshin. Kyiv, Budivelnik, 1966. 65 p. (Vydatni zodechil Ukrainy)

KONDRASHOVA, M. M. [The right to art] Pravo na iskusstvo. [Moskva] Profizdat, 1959. 122 p. photos. (U)

KRESAL'NYI, M. I. [Sophia Preserve in Kiev; an architectural monument of the period from the 11th to the 18th century] Sofiiskiy zapovednyk u Kyevi; pamiatnyk arkhitektury XI-XVIII vv. 3., vypravlena ta dopovneno vydannya. Kyiv, Budivelnik, 1965. 47 p. illus. (Pamiatnyky arkhitektury Ukrainy'koi RSR)

KUZNETSOV, I. I. [West European still-life painting] Zapadnoevropeiskii naturmort. [Leningrad, Sovetskii khudozhnik, 1966] 224 p. illus.

KUZNETSOVA, IRINA, comp. [English painters from Hogarth to Turner] Angliyskie khudozhniki ot Khogarta do Turnera. [Leningrad] Sovetskii khudozhnik [1966] 17 p. 108 illus.

LENINGRAD, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A. I. GERTSENA. [Department of Art and Graphic Arts; program and summaries of reports, April 10-21, 1965] Khudozhestvenno-graficheskii fakul'tet; programma i tozlay dokladov, 10-21 aprelya 1965 g. Leningrad. [1965] 18 p. (XVIII Gertsensovskie chteniya)

LOBANOVSKYI, B. B. [Mosaics and frescoes] Mozaika i freska. Kyiv, Mystetstvo, 1966. 148 p. illus.

LOHYNS'KA, L. P., and O. R. TYSICHENKO. [Malolika] Malolika. Kyiv, Mystetstvo, 1966. 123 p. illus. (Besidy pro monumental'ne ta dekorativno-prikladne mystetstvo)

MOZHNIAGUN, S. E. [Abstractionism, the destruction of esthetics] Abstraktsionizm - razrusheniye estetik. Moskva, Izd-vo sotsial'no-ekonom. lit-ry, 1961. 221 p. (RPE)

OSTASHINSKII, N. I. [Look around] Posmotri vokrug. [Moskva] Molodaya gvardiya, 1966. 77 p. (V pomoshch' pioneru-instruktoru)

PAVLINOV, P. I. A. [Everyone can learn to draw; advice of a designer] Kazhdyi mozhat nauchit'sya risovat'; sovety risoval'shchika. Moskva, Sovetskii khudozhnik [1966] 102 p.

POD'IA POL'SKII, S. S. [Guidebook to the architectural monuments of the Kirillo-Belozerskii and Ferapontov monasteries] Putevoditel' po arkhivnym pamiatnikam Kirillo-Belozerskogo i Ferapontova monastyrel'. [Vologda] Vologdskoe knizhnoe izd-vo, 1963. 64 p. illus. (MH)

P'UKINSKII, B. K. [The Rossi ensemble; Ostrovskii Square, Architect Rossi Street, Lomonosov Square] Ansambl' Rossi; Ploshchad' Ostrovskego, ulitsa zodchego Rossi, ploshchad' Lomonosova. [Leningrad] Lenizdat, 1965. 62 p. (Turistu o Leningrade)

SHABAN'ANTS, N. SH., and V. A. GORCHAKOV. [Artists of the Chechen-Ingush Autonomous Republic] Khudozhniki Checheno-Ingusheti. Leningrad, Khudozhnik RSFSR, 1965. 17 p., 43 plates. (NIC)

SHER, N. S. [Stories about Russian artists] Rasskazy o russkikh khudozhnikakh. Moskva, Detalskaya literatura, 1966. 394 p. illus.

SHERESHEVSKII, I. A. [Industrial buildings and structures; their design; an album of drawings] Promyshlennyye zdaniya i sooruzheniya; konstruirovaniye; albom chertechei. Leningrad, Stroizdat, 1966. 154 p. (chiefly illus.)

VANSLOV, V. V. Vadim Ryndin. Moskva, Sovetskii khudozhnik [1965] 102 p. (NIC)

11. LANGUAGE, LITERATURE & FOLKLORE

ABD al-QUADDUS, IHSAN. [The man in our house; novel, Translated from Arabic] V nashomu dome muzhchyna; roman. Kyiv, Molod', 1968. 210 p.

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut literatury i yazyka. [Problems of the dialectology of the Turkic languages] Voprosy dialektologii tiurkikh yazykov. Baku. Vol. 4. 1966. 235 p.

AKADEMIYA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut yazykoznaniiya. [Investigations in history of Kazakh language] Issledovaniya po istorii kazakhskogo yazyka. Alma-Ata, Nauka, 1965. 253 p. (InU)

AKADEMIYA NAUK MOLDAVSKOI SSR. Institut yazyka i literatury. [Orthographic dictionary of the Moldavian language] Diktsonar ortografik al limbii moldovenești. Kishineu, Kartia Moldovenește, 1965. 628 p. [In Moldavian]

AKADEMIYA NAUK SSSR. Institut yazykoznaniiya. [Comparative grammar of Germanic languages in five volumes] Sravnitel'naya grammatika germanskikh yazykov v plati tomakh. Glav. red. M. M. Gukhman i dr. Moskva, Nauka. Vol. 4. [Morphology (continuation)] Morfologiya (prodolzhenie). 1966. 496 p.

AKADEMIYA NAUK SSSR. Institut yazykoznaniiya. [Problems of linguistic analysis; phonology, grammar, lexicology] Problemy lingvisticheskogo analiza; fonologiya, grammatika, leksikologiya. Moskva, Nauka, 1966. 214 p.

AKADEMIYA NAUK SSSR. Institut narodov Azii. [It is raining in my city; short stories by writers of Syria, Lebanon and Jordan. Translated from Arabic] V moem gorode idet dozhd'; novelly pisatelei Siri, Livana, Iordani. Moskva, Nauka, 1966. 110 p. (Sovremennaya vostochnaya novella)

AKADEMIYA NAUK SSSR. Institut narodov Azii. [Pearl diver; short stories by Israeli writers. Translated from Arabic, Hebrew and Yiddish] Iekatel' zhemchuga; novelly izrail'skikh pisatelei. Moskva, Nauka, 1966. 141 p. (Sovremennaya vostochnaya novella)

AKADEMIYA NAUK SSSR. Institut russkogo yazyka. [Lexicology and word formation in Old Russian] Leksikologiya i slovoobrazovaniye drevnerusskogo yazyka. Moskva, Nauka, 1966. 310 p.

AKADEMIYA NAUK SSSR. Institut russkoi literatury. [Bibliography of the literature on M. E. Saltykov-Schedrin, 1918-1965] Bibliografiya literatury o M. E. Saltykove-Schedrine, 1918-1965. Sost. V. N. Baskakov. Moskva, Nauka, 1966. 296 p.

AKADEMIYA NAUK SSSR. Institut russkoi literatury. [Lay of the host of Igor and monuments of the Kulikov cycle; the problem of dating the "Lay"] Slovo o polku Igorove i pamiatniki Kulikovskogo tsikla; k voprosu vremeni napisaniya "Slova". Moskva, Nauka, 1966. 618 p.

AKADEMIYA NAUK SSSR. Institut russkoi literatury. [Problems of methodology in literary research] Voprosy metodologii literaturovedeniya. Moskva, Nauka, 1966. 282 p.

AKADEMIYA NAUK SSSR. Institut russkoi literatury. [Turgenev collection; materials for the complete collected works and letters of I. S. Turgenev] Turgenevskii sbornik; materialy k Polnomu sobraniyu sochinenii i pisem I. S. Turgeneva. Moskva, Nauka, Vol. 2. 1966. 364 p.

AKADEMIYA NAUK SSSR. Institut slavianovedeniya. [Development of non-Soviet Slavic literatures at the present time] Razvitiye zarubezhnykh slavianskikh literatur na sovremennom etape. Moskva, Nauka, 1966. 438 p.

AKADEMIYA NAUK SSSR. Kazanskii filial. Institut yazyka, literatury i istorii. [Tatar literature of early 20th century; sketches. Tatarskaya literatura nachala XX veka; ocherki. Kazan', Tatknigolizdat] 1954. 384 p. [In Tatar] (ICRL)

AKADEMIYA NAUK URSR, Kiev. [Studies in grammar and lexicology] Issledovaniya po grammatike i leksikologii. Kiev, Naukova dumka, 1966. 201 p. (Respublikanskiy mezhdunarodovennyi sbornik. Seriya "Voprosy yazykoznaniiya")

AKADEMIYA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut obshchego politekhnicheskogo obrazovaniya. [Principles of the methodology of teaching the elements of the Russian language] Osnovy metodiki nachal'nogo obucheniya russkomu yazyku. Pod red. N. S. Rozhdestvenskogo. Moskva, Prosveshcheniye, 1965. 531 p. (NIC) (NJR)

AKHMATOVA, A. A. [Verse] Stikhotvoreniya. [Moskva, Sovetskii pisatel', 1965] 468 p. (NSU)

- ALECSANDRI, VASILE. [Selected works in two volumes] Opere alese in doua volume. Kishineu, Kartia Moldovenaske, 1966. 2 v. (Klasichii literaturii Moldovenaske). Kolektsiia "Luchiferul" [In Moldavian]
- ALMA-ATA. GOSUDARSTVENNAIA RESPUBLIKAN-SKAIJA PUBLICHNAIA BIBLIOTEKA. [Saken Selfotting; an index of literature for the 70th anniversary of his birth] Saken Selfotting; ukazatel' literatury k 70-letliu so dnia rozhdeniia. Alma-Ata, Kazakhstan, 1965. 136 p. (NIC)
- ANDREEV, V. L. [Childhood; a tale] Detstvo; povest'. Moskva, Sovetskii pisatel', 1966. 274 p.
- ASTAF'EV, V. P. [Trenches are overgrown with grass; stories] Porosli okopy travoi; rasskazy. Moskva, Sovetskaiia Rossiia, 1965. 172 p. (MII)
- ASTROV, V. N. [The steep; a novel] Krucha; roman. Moskva, Sovetskii pisatel', 1966. 458 p.
- AVAKIAN, ABIG. [Last man from Bend Village. Posled-nii chelovek sela Bend. Erevan, Armianskoe gos. izd-vo] 1963. 40 p. (Rasskazy XX veka, no. 11) [In Armenian] (MII)
- BABADZHAN, R. N. [The poet lives twice...; selected lyrics. Translated from the Uzbek] Dvazhdy zhivet poet...; izbrannaiia lirika. Moskva, Khudozhestvennala literatura, 1966. 334 p.
- BABANS'KYI, PYLYP. [Happiness came in the spring-time] Shchastia pryshlo navesni; povist'. Kharkiv, Prapor, 1966. 226 p.
- BAIRAMUKOVA, KHALIMAT. [Verse] Stikhi. Cherkessk, Karachaevo-Cherkesskoe knizhnoe izd-vo, 1963. 186 p. (IU)
- BALTAKIS, ALGIMANTAS. [Underground rivers] Pozemines upes. Vilnius, Vaga, 1965. 230 p. [In Lithuanian] (MII)
- BARLAS, V. IA. [Through the eyes of poetry; about the discoveries of art and about modern poets] Glizami poezii; ob otkrytiakh iskusstva i o sovremennykh poetakh. Moskva, Sovetskii pisatel', 1966. 242 p.
- BARUZDIN, S. A. [Repetition of a lesson; a novel] Povtorenie preidennogo; roman. Moskva, Sovetskii pisatel', 1965. 381 p. (NIC)
- BASHKANOV, L. M. [One more voyage; lyrical notebook] Plus odin reis; liricheskaiia tetrad'. [Leningrad] Lenizdat, 1963. 109 p. (NIC)
- BAZANOVA, V. I. ["Tales" of M. E. Saltykov-Shchedrin] "Skazki" M. E. Saltykova-Shchedrina. Moskva, Khudozhestvennala literatura, 1966. 100 p. (Massovaiia istoriko-literaturnaia biblioteka)
- BEL'KHIN, K. IA. [Verse from a soldier's notebooks] Stikhi iz soldatskikh bloknotov. [Murmansk] Murmanskoe knizhnoe izd-vo, 1965. 92 p. (IU)
- BELOV, M. P. [There are romantics in the East; sketches] Zhivet na vostoce romantiki; ocherki. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1965. 61 p. (NIC)
- BOGUSHEVICH, FRANTS. [Verse] Stikhi. Moskva, Khudozhestvennala literatura, 1965. 166 p. (IU)
- BOLUBEN, MIKHAIL. [Verse] Stikhi. [Sydney, Australia, 1957] 28 p. (NIC)
- BORISOV, I. B. [There are words; a book of lyrics. Translated from the Yiddish] Est' slova; kniga liriki. Moskva, Sovetskii pisatel', 1966. 178 p.
- BOROVoi, L. IA. [Language of the writer; A. Fadeev, Vs. Ivanov, M. Prishvin, Andrei Platonov] Iazyk pisatelia; A. Fadeev, Vs. Ivanov, M. Prishvin, Andrei Platonov. Moskva, Sovetskii pisatel', 1966. 217 p.
- BOTASHEV, I. ZH. [From house to house; verse. Poem] Ot doma k domu; stikhi. Poema. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 122 p. [MICROFILM]
- BOTVINNIK, S. V. [Night trains; verse] Nochnye poezda; stikhi. Moskva, Sovetskii pisatel', 1965. 121 p. (IU)
- BRAGINSKII, E. V., and E. A. RIAZANOV. [Look out for the car; tale] Beregis' avtomobilu; povest'. Moskva, Sovetskaiia Rossiia, 1965. 124 p. (Korotkie povesti i rasskazy) (NNC)
- BRATUN', HOSTYSLAV. [Bonfire; verse] Vatra; poezii. Kyiv, Dnipro, 1966. 282 p.
- BRAUN, N. L. [I light a bonfire; verse] IA zhgu koster; stikhi. Moskva, Sovetskii pisatel', 1966. 114 p.
- BREGOVA, D. D. [Man is good; tales] Chelovek dobr; povesti. Moskva, Sovetskii pisatel', 1966. 308 p.
- [BRIGANTINE; a collection of stories about travels, searches, discoveries] Brigantina; sbornik rasskazov o puteshestviakh, polskakh, otkrytiakh. Moskva, Molodaiia gvardiia, 1966. 330 p. illus. (NeU)
- BROVCHENKO, V. IA. [Not shooting stars; verse] Nerozstrilani zori; poezii. Kyiv, Molod', 1966. 146 p.
- BUGAEV, B. N. [Verse and poems] Stikhotvoreniia i poemy. Moskva, Sovetskii pisatel', 1966. 656 p. (Biblioteka poeta. Bol'shala seriia. 2. izd.) [Publ. under his pseud. Andrei Belyi]
- CAPOTE, TRUMAN. [Breakfast at Tiffany's; a tale. Translated from English] Zavtrak u Tiffani; povest'. Moskva, "Pravda," 1965. 63 p. (Biblioteka "Ogoniek," no. 44)
- CHARUSHIN, E. [Nikita and his friends] Nikita i ego друз'ia. Moskva, Detskaiia literatura, 1966. 15 p. (Moi pervye knizhki)
- CHEKHOV, A. P. [Plays: The seagull. Uncle Vania. The three sisters. Cherry orchard] P'sy; Chaika. Dadiia Vania. Tri sestry. Vishnevyy sad. Moskva, Detskaiia literatura, 1965. 222 p. (Skol'naiia biblioteka)
- CHEMENA, O. M. [Creation of two novels: Goncharov and E. P. Maikova of the 1860's] Sozdanie dvukh romanov: Goncharov i shestidesiatnitsa E. P. Maikova. Moskva, Nauka, 1966. 158 p. (Nauchno-populiarnaiia seriia)
- CHENDEI, IVAN. [The birds fly from their nest; a novel] Ptakhy pol'yshaliut iz nista; roman. Kyiv, Radians'kyi pys'mennyk, 1965. 201 p. (IU)
- CHERNEVICH, M. N., A. L. SHTEIN, and M. A. IAKHONTOVA. [History of French literature] Istoriia frantsuzskoi literatury. Moskva, Prosveshchenie, 1965. 638 p. (NeU)
- CHERNIAVSKAIA, I. S. [Problems of social upbringing in Czech children's literature of the 1920's to the 1940's; lecture for the course "Children's literature" for correspondence students of the children's and school libraries sections of institutes of culture] Problemy obshchestvennogo vospitaniia v cheskskoi detskoj literatire 20-40 godov XX veka; lektsiia po kursu "Detskaiia literatura" dlia studentov-zachetnikov otdelenii detskikh i shkol'nykh bibliotek institutov kul'tury. Moskva, Mosk. gos. in-t kul'tury, 1965. 81 p.
- CHUKOVSKII, K. I. [Alive as life; about Russian language] Zhivel kak zhizn'; o russkom fazyko. Moskva, Detskaiia lit-ra, 1966. 205 p.
- CHUKOVSKII, K. I. [Collected works in six volumes] Sbornik sochinenii v shesti tomakh. Moskva, Khudozhestvennala literatura. Vol. 3. [Alive as life. High art. From Anglo-American notebooks] Zhivel kak zhizn'. Vysoke iskusstvo. Iz anglo-amerikanskikh totradel. 1966. 838 p.
- DALADA, N. F. [Roots which don't die; on the work of Anatoliia Kalinina] Korni, kotorye ne umiraiut; o tvorchesvo Anatoliia Kalinina. [Moskva] Moskovskii rabochii, 1965. 194 p. (NeU)
- DATSH, VASYL'. [We and our acquaintances] My i nashi znatomi. 1. vyd. Presov, Slovats'ke pedagog. vyd-vo, viddil ukr. lit-ry, 1961. 101 p. (NN)
- DAUM, E., and W. SCHENK. [Russian verbs: Basic forms, aspects, agreement, accent, German meaning. Contains about 14,000 verbs] Die russischen Verben: Grundformen, Aspekte, Rektion, Betonung, deutsche Bedeutung. Entititl über 14000 Verben. Leipzig, VEB bibliographisches Institut, 1954. 798 p.
- DEMENT'EV, A. G., E. NAUMOV, and L. PIOTRUK. [Soviet Russian literature; textbook for secondary schools] Russkaiia sovetskaiia literatura; posobie dlia srednei shkoly. Izd. 10. Moskva, Gos. ucheb.-pedagog. izd-vo M-vn. prosv. RSFSR, 1961. 405 p. (DeU)
- DIKH'TIAR', A. B. [The truth; verse] Istina; stikhi. [Moskva] Molodaiia gvardiia, 1965. 78 p. (IU)
- DOGADAEV, V. P. [Verse] Stikhi. [Areslav] Verkhne-Volzhskoe knizhnoe izd-vo, 1965. 92 p. (NIC)
- DOMBROVSKII, K. I. [Island of inexperienced physicists] Ostrov neopytnykh fizikov. Moskva, Detskaiia literatura, 1966. 190 p.
- DOSTOEVSKII, F. M. [The brothers Karamazov; a novel in four parts and an epilogue] Braty Karamazovy; roman na chotyry chastiny s epilogom. Kyiv, Dnipro, 1965. 713 p. (IaU)
- DUBROVIN, E. P. [Mushrooms on the asphalt; a satirical tale with a lyric bent] Griby na asfal'te; povest' satiricheskaiia s liricheskimi ukonom. [Moskva] Molodaiia gvardiia, 1966. 284 p.
- DUDIN, M. A. [Selected works in two volumes] Izbrannye proizvedeniia v dvukh knigakh. Moskva, Khudozhestvennala literatura, 1966. 2 v.
- DUMBADZE, NODAR. [I see the sun. Translated from the Georgian] IA vizhu solntsa. Moskva, Khudoz. lit-ra, 1966. 62 p. (Roman-gazeta, no. 15(363)).
- DZHIIGURDA, O. P. [Steamship "Kakhetia." Underground hospital. Daily life at the rear; notes of a naval doctor] Toplekhod "Kakhetia." Podzemnyi gospiital'. Tylovye budni; zapiski voenno-morskogo vracha. Moskva, Sovetskii pisatel', 1966. 468 p.
- EDLIS, IU. F. [Drop in the sea; vandeville in nine episodes without couplets but with a happy ending] Kapla v more; vodevii' v deviat' epizodakh bez kupletov, no so schastlivym koncom. Moskva, Iskusstvo, 1966. 49 p. (Reportazh khudozhestvennoi samodelatel'nosti, no. 6)
- EFREMOV, I. A. [Andromeda Nebula. Star ships] Tumanost' Andromedy. Zvezdnye korabli. Moskva, Molodaiia gvardiia, 1965. 462 p. (Biblioteka sovremennoi fantastiki, no. 1) (MU)
- EGOROVA, R. P. [Sindhi language] Iazyki sindhi. Moskva, Nauka, 1966. 110 p. (Iazyki narodov Azii i Afriki)
- EKHENBAUM, D. M., ed. [Russian prose] Russkaiia proza. Hague, Moulton & Co., 1963. 261 p. (Slavistic printings and reprints, no. 48) (TNJ)
- ELKSNE, ARIJA. [In the middle of summer; poems] Vasaras vidu; dzejoli. Riga, Liesma, 1966. 140 p. [In Latvian]
- ENIKOLOPOV, I. K. [Pushkin in Georgia] Pushkin v Gruzii. Tbilisi, Literatura da khelovneba, [1966] 106 p.
- [EVENING IN A RURAL COMMUNITY CENTER; a repertoire collection for amateur theatricists] Veher v sel'skom klube; repertuarnyi sbornik dlia khudozhestvennoi samodelatel'nosti. [Moskva] Profilzat, 1966. 61 p. (Biblioteka sel'skogo aktivista, no. 6(66))
- EVTUSHENKO, PASTERNAK, AKHMATOVA; stikhotvoreniia. Evtushenko, Pasternak, Akhmatova; poetry. Letchworth, Hertfordshire, Bradda Books, 1965. 26 p. (Special study series, no. 3) (PPIU)

- FAZIN, Z.I., and E.O. BLOK. [Terek on fire; a tale] Terek v ogn'e; povest'. Moskva, Detskaya lit-ra, 1966. 302 p. (NNC)
- FED'KOYICH, IURII. [Love is ruin; tales and stories] Lyubov' - pogibel'; povesti i rasskazy. Moskva, Khudozh. lit-ra, 1965. 211 p. (NNC)
- FEDOROV, G.I. [Going on five in the morning; tales and stories] V platno chasu utra; povesti i rasskazy. [Ger'kii] Volgo-Viatkoe knizhnoe izd-vo, 1965. 326 p. (NIC)
- FERDOWSI. [Shahnameh; critical text] Shakh-Name; kriticheskiy tekst. Sost. teksta P.M. Aliev, A.E. Bertel's i M.N.O. Osmanov. Pod red. A. Nushina. Moskva, Nauka. [In Persian] Vol. 4. 1965. 18, 321 p. (Pamiatniki literatury narodov Vostoka. Tokaty: Bol'shaya seriya, no. 2)
- FINK, V.G. [Moldavian rhapsody; a truthful tale in three parts with prologue and epilogue] Moldavskaya rapsodiya; pravdivaya povest' v trekh chastyakh, a prologom i epilogom. Moskva, Sovetskii pisatel', 1966. 219 p.
- FOKINA, O.A. [The little river] Rechen'ka. [Vologda] Severo-Zapadnoe izd-vo, 1965. 94 p. (IU)
- FOUR SHOTS IN THE MORNING; stories] Chetyre vystrela potru; rasskazy. Moskva, Voenizdat, 1966. 242 p. (Biblioteka soldata i matrosa)
- FOUR UNDER ONE COVER] Chetvero pod odnoi oblozhkoi. [By] A.M. Arkhanov i dr. Moskva, Iskustvo, 1966. 181 p.
- FRIZMAN, L.G. [Creative path of Baratynskii] Tvorcheskiy put' Baratynskogo. Moskva, Nauka, 1966. 130 p. (Nauchno-popul'narnaya seriya)
- FROLOV, B.G. [What's what...; a tale] Chto k chemu...; povest'. [Leningrad] Lenzdat, 1966. 225 p.
- GAI'SHIEV, RUDYNI-KHABZUN. [Mirror of wisdom, which explains what has been accepted and rejected according to two laws; a monument of Buryat literature of the beginning of the 20th century] Zertsalo mudrosti, raz'iasnialushchee priimamoe i otyvergaoe po dvum zakonam; pamiatnik buriatskoi literatury nachala XX v. Vstup. stat'ia, podgotovka staromongolskogo teksta, russkii perevod i primochaniya k nemu TS.-A. Dugar-Nimova. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1966. 369 p. [In Russian and Mongolian]
- GANIUSHKIN, V.A. [Does a man really need much...] Mnogo li cheloveku nado... [Moskva] Molodaya gvardiya, 1966. 144 p.
- GAPRINDASHVILI, SH.G. [Phonetics of Dargwa] Fonetika darginskogo iazyka. Tbilisi, Metsnereba, 1966. 316 p.
- GEL'FANDBEIN, G.M. [General and adjutant; stories about writers] General i ad'iutant; rasskazy o pisatel'kh. Khar'kov, Prapor, 1966. 154 p.
- GERSHENZON, M.A. [Robin Hood] Robin Gud. Moskva, Detskaya lit-ra, 1966. 156 p. (Shkol'naya biblioteka)
- GINZBURG, L.V. [Abyss; a narrative based on documents] Bez dna; povestivanie, osnovannoe na dokumentakh. Moskva, Sovetskii pisatel', 1966. 221 p.
- GLAZOV, G.S. [Boundaries; verse] Grani; stikhi. L'vov, Kameniar, 1966. 102 p. (Kniga liriki)
- GOGOL', N.V. [The inspector-general] Revizor. Moskva, Iskustvo, 1965. 108 p. (Shkol'naya biblioteka mikrofil'mov dramaturgii) (NJR)
- [GOLDEN BRIDGE; a collection of stories, Translated from Rumanian] Zolotoi most; sbornik rasskazov. Moskva, Voenizdat, 1966. 263 p.
- GOLUBKOV, D.N. [Firmament; a book of lyrics] Tverd'; kniga liriki. Moskva, Sovetskii pisatel', 1966. 125 p.
- GORBUNOV, K.I.A. [Frontiers; novel, tales and stories] Rubezhi; roman, povest' i rasskazy. Moskva, Sovetskii pisatel', 1965. 933 p. (NNC)
- GORBUNOV, N.S., and V.S. KABANOVA. [The shot thermometer; documentary tale] Raastrellannyi gradusnik; dokumental'naya povest'. [Moskva] Molodaya gvardiya, 1965. 172 p. (NIC)
- GRABAR'-PASSEK, M.E. [Ancient themes and forms in western European literature] Antichnye shizhety i formy v zapadno-evropeiskoi literature. Moskva, Nauka, 1966. 316 p.
- [GRAINS; verse] Zerna; stikhi. [Moskva] Molodaya gvardiya, 1966. 143 p.
- GRIGOROVICH, N.S. [The ninth wave] Deviatyi val. Moskva, Znaniye, 1965. 110 p. (Prochiti tovarishch) (NNC)
- GRIN, A.S. [Jessie and Morgiana; a tale, short stories, and a novel] Dzhesi i Morgiana; povest', novelly, roman. [Leningrad] Lenzdat, 1966. 507 p.
- HAGERUP, INGER (HALLGÖR). [Verse. Translated from the Norwegian] Stikhovoreniya. Moskva, Gos. izd-vo khudozh. lit-ry, 1966. 76 p. (CaOTU)
- HALKIN, SAMUEL. [Verse. Translated from the Yiddish] Stikhovoreniya. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 294 p. (Biblioteka sovetskoi poezii) (CIY)
- HERASYMENKO, I.I. [Each sees the sun; fantastic tales and stories] Kozen pobachyi' sonse; fantasticheskiye povesti i opovidaniya. Kharkiv, Prapor, 1965. 244 p.
- HERTZEN, A.I. [Selected works] Izbrannye proizvedeniya. Moskva, Detskaya lit-ra, 1964. 463 p. (Shkol'naya biblioteka) (Dau)
- HILLSTROM, JOSEPH. [Songs of Joe Hill. Translated from English] Pesni Dzho Khilla. Moskva, Khudozhestvennaya literatura, 1966. 94 p.
- HRINCHENKO, B.D. [Poems] Poezii. Kyiv, Radians'kii pys'mennyk, 1965. 408 p. (Biblioteka poeta) (CU) (NN)
- HRYP, K.K. [Blood brothers; a tale] Pobratymy; povest'. Moskva, Detskaya literatura, 1966. 207 p.
- IRYKHOR'EV, IRYKHORIL. [This is what I saw; reminiscences] Sheho bulo, to bachy; spohady. Kyiv, Radians'kii pys'mennyk, 1966. 326 p.
- IRYN'KO, DMYTRO. [Under the flowering tree of paradise; stories] Pid kvituchym rai-derevom; opovidaniya. Kyiv, Radians'kii pys'mennyk, 1965. 245 p. (MH)
- HUTSALO, IE.F. [Shawl of green silk; stories and a tale] Khustyna shovku zelenoho; opovidaniya ta povisti'. [Kyiv, Radians'kii pys'mennyk, 1966] 373 p.
- IAKOVENKO, N.P. [Word accent in modern literary Russian] Slovesnoe udarenie v sovremennom russkom literaturnom iazyke. [Kiev] Izd-vo Kievskogo univ., 1966. 70 p.
- IAKOVENKO, V.P. [Birches remember; verse] Pomi-nai berezy; stikhi. Kiev, Molod', 1965. 86 p. (IEN) (IU)
- IBRAGIMOV, GALIMDZHAN. [Our days; a novel. Translated from Tatar] Nashi dni; roman. Moskva, Sovetskii pisatel', 1966. 410 p.
- IL'INSKII, OLEG. [Verse] Stikhi. Munch, Book 2. 1962. 1 v. (NN)
- ILUS, VAINO. [Your own life; a novel. Translated from Estonian] Tvoja sobstvennaya zhizn'; roman. Moskva, Sovetskii pisatel', 1966. 249 p.
- [I.U.M. STEKLOV; recollections and publicisms] I.U.M. Steklov; vospominaniya i publitsistika. Moskva, Izd-vo "Izvestia", 1965. 246 p. (Ncu)
- IKKERN, V.S. [Atamanych; a tale. Translated from Marti] Atamanych; povest'. Moskva, Detskaya literatura, 1966. 165 p.
- IUSHCHENKO, A. [If we are together; tale] Esli my vmeste; povest'. Moskva, Sovetskaya Rossiya, 1962. 87 p. (Korotkie povesti i rasskazy) (IU)
- IUSHCHENKO, O.I.A. [Mother's sun; poems] Materyno sonse; poezii. Kyiv, Radians'kii pys'mennyk, 1965. 150 p. (MH)
- IVANNIKOVA, V.S. [Battle at Arinkin Khutor] Boi na Arinkinom khutore. [Moskva] Glav. polit. upr. Sovetskoi Armii i Voenno-Morskogo Flota [1966], 45 p. (Biblioteka zhurnala "Sovetskii voyn", no. 1) (637)
- IVANOV, L.I. [Siberian virgin soil; novel] Sibirskaya nov'; roman. Moskva, Sovetskii pisatel', 1966. 438 p.
- IVANOVA, T.A. [Old Slavonic language; methodological aid] Staroslavianskii iazyk; metodicheskoe posobie. [Leningrad] Izd-vo Leningr. univ., 1965- (CaOTU)
- KABARDINO-BALKAR ASSR. Ministerstvo kul'tury, Respublikanskaya biblioteka. [Writers of Kabardino-Balkaria; bibliographic index] Pisateli Kabardino-Balkarii; bibliograficheskiy ukazatel'. Red. A.S. Shumakhova. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 134 p. (NNC)
- KABELKA, JONAS. [Vocabulary of Kristijonas Donelaitis' works] Kristijono Donelaitis rasto teksta. Vilnius, Mintis, 1964. 278 p. [In Lithuanian]
- KABO, LIUBOV'. [On a difficult march; a tale] V trudnom pokhode; povest'. Izd. 2. [Moskva, Molodaya gvardiya, 1966] 363 p.
- KALASHNIKOV, I.K. [Across the marshlands; a tale] Cherez topi; povest'. Moskva, Detskaya literatura, 1966. 94 p.
- KANIUKOVA, A.S. [Chuvash dialectology; brief sketches] Chuvashskaya dialektologiya; kratkie ocherki. Chuvashskoe knizhnoe izd-vo, 1965. 146 p. (NIC)
- KARASLAVOV, GEORGI. [Pure hearts; a novel. Translated from Bulgarian] Chistyie serditsa; roman. Moskva, Progress, 1966. 398 p.
- KARNER, JAAN. [Woman from a poor world (the story of Lilli Niitmaa); a novel. Translated from Estonian] Zhenshchina iz bednogo mira (rasskaz Lilli Niitmaa); roman. Moskva, Khudozhestvennaya literatura, 1966. 236 p.
- KARVAS, PETER. [The nicest man and other stories. Translated from the Slovak] Mileshii cheloveki i drugie rasskazy. Moskva, Pravda, 1965. 83 p. (Biblioteka Ogonek, no. 34) (MH)
- KAVERIN, V.A. [Portraits, letters on literature, recollections] Portrety, pis'ma o literature, vospominaniya. Moskva, Sovetskii pisatel', 1965. 255 p. (RPB)
- KHANCHIN, V.S., ed. [Home work in literature courses in boarding schools] Vneklassnaya rabota po kursu literatury v shkole-Internate. Moskva, Prosveshchenie, 1965. 94 p. (NIC)
- KHOTKEVICH, HNAT. [Taras Shevchenko; a tale] Taras Shevchenko; povist'. L'viv (Kameniar, 1965] 277 p.
- KISHINEV. GOSUDARSTVENNYI ISTORIKO-KRAEVEDCHESKII MUZEI. [Museum of the Kishinev underground printing press of Lenin's newspaper "Iskra"; a guidebook] Muzei Kishinevskoi podpol'noi tipografii leninskoi gazety "Iskra"; putevoditel'. Kishinev, Kartia moldovenianske, 30 p. (CS-H)

- KOCHETKOV, VIKTOR. [Country of the falcon] Sokolinala strana. [Kishinev, Kartia neokdoventaske, 1966] 181 p.
- KOGAN, E.B. [Forms of practical work during Russian language lessons in schools of working youth; aid for teachers] Vidy prakticheskikh rabot na urokakh russkogo iazyka v shkolakh rabochei molodezhi; posobie dlia uchitelia. Moskva, Prosveshchenie, 1965. 131 p. (NIC)
- KOKORINA, S.I., and others, comps. [Russian language program for student translators (at an advanced stage) studying on the preparatory faculties of institutions of higher education of the U.S.S.R.] Programma po russkomu iazyku dlia studentov-perevodchikov (na prodvnutom etape) obuchaiushchikhshia na podgotovitel'nykh fakul'tetakh vuzov SSSR. Red. vypuska T.M. Dorofeeva. [Moskva] Izd-vo Mosk. univ., 1963. 107 p.
- KOKOVIN, E.S. [Childhood in Solombal; a tale] Detstvo v Solombale; povest'. Moskva, Detskaya literatura, 1966. 334 p. (Shkol'naya biblioteka)
- KONOVALOV, F.F. [Gardens are to blossom; essays about Turkistan fighters] Sadam tsvesti; ocherki o voynakh - turkestanskikh. Tashkent, Ob'edinennoe izd-vo TsK Kompartii Uzbekistana, 1965. 37 p. (Biblioteka voennykh rasskazov)
- KOROBLEVA, L.G. [Short grammar of the German language with exercises (in German); aid for students of pedagogical institutes] Kratkaya grammatika nemetskogo iazyka s uprazhneniyami (na nemetskom iazyke); posobie dlia studentov pedagogicheskikh institutov. Leningrad, Prosveshchenie, 1965. 244 p. (NIC)
- KOTOVSHCHIKOVA, A.A. [Multicolored skullcap] Pestraia tsubetka. Leningrad, Detskaya literatura, 1966. 77 p.
- KOTSIBYNS'KIY, M.M. [At a costly price; selected works] Doroholu tsinolu; vybrani tvory. Kyiv, Veselka, 1966. 236 p. (Shkol'naya biblioteka)
- KOTSIBYNS'KIY, M.M. [Stories] Rasskazy. Simferopol', Krymizdat, 1966. 206 p. (Wau)
- KOVYNEV, V.M. [Dialectical materialistic nature of the artistic conflict] O dialektiko-materialisticheskoi prirode khudozhestvennogo konfliktu. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 62 p. (CS-H)
- KOZLOVSKII, I.A. [The tiny letter has magical habits] U bukvy-nevelchiki volshebnye privycki. Moskva, Detskaya literatura, 1966. 28 p. (Dlia mladshago shkol'nogo vozrasta)
- KRAKOVSKII, V.L. [Return to the horizon; a tale] Vozvrashchenie k gorizontu; povest'. Moskva, Sovetskii pisatel', 1966. 285 p.
- KRAVCHENKO, F.T. [Blood brothers; two tales] Pobratimyy; dve povesti. Moskva, Sovetskii pisatel', 1966. 334 p.
- KRAVTSOV, N.I., ed. [History of Russian literature of the second half of the 19th century] Istoriya russkoi literatury vtoroi poloviny XIX veka. Moskva, Prosveshchenie, 1966. 693 p.
- KRYLOV, I.A. [Fables] Basni. Leningrad, Detskaya literatura, 1966. 190 p.
- KUZMENKO, STEPAN. [Bonfire by the sea; essays] Koster u moria; ocherki. Moskva, Pravda, 1966. 166 p.
- KUZNETSOVA, ANNA, comp. [One does not speak without a proverb; collection of Russian proverbs] Bez poslovykh nech' ne molvitsia; sbornik russkikh poslovits. Munich, [N. Ailmov] 1964. 37 p. (Mdu)
- KYZYL, TUVINSKII NAUCHNO-ISLEDOVATELSKII INSTITUT IAZYKA, LITERATURY I ISTORII. [Tuvian folk tales] Tuvinskie narodnye skazki. Kyzyl, Tuvinskoe knizhnoe izd-vo, Vol. 3. 1964. 1 v. (NNC)
- LADYZHETS', V.I. [Tap, tap, little slippers] Top, top, topanochki. [Kyiv, Dydydav UNRSR, 1964] 10 p. (Dlia doshki'noho viku) (IU)
- LAMPERTI, R.I. [Russian lyre; verse] Russkaya lira; slukhotvoreniia. 2. Izd. Venets, Armianskaya tip., 1956. 237 p. (CLU)
- LENINGRAD, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Philological sciences; program of the conference, abstracts of the papers, April 20-May 25, 1965] Filologicheskie nauki; programma konferentsii, tezisy dokladov, 20 apreliia-25 maiia 1965 goda. Leningrad, 1965. 176 p. (XVIII Gertsenovskie chteniia)
- LENINGRAD, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Philological sciences; program of the conference, abstracts of the papers, April 15-May 25, 1966] Filologicheskie nauki; programma konferentsii, tezisy dokladov, 15 apreliia-25 maiia 1966 g. Leningrad [1966] 222 p. (XIX Gertsenovskie chteniia)
- LENOBL', G.M. [Writer and his work; problems of the psychology of creation and of artistic skill] Pisatel' i ego rabota; voprosy psikhologii tvorchestva i khudozhestvennogo maisterstva. Moskva, Sovetskii pisatel', 1966. 392 p.
- LEONIDZE, G.N. [The magic tree; recollections of childhood years. Translated from the Georgian] Volshebnoe derevo; vospominaniia detskikh let. Moskva, Sovetskii pisatel', 1965. 261 p. (NNC)
- LEONOV, L.M. [Russian forest; a novel] Russkii les; roman. Moskva, Izvestia, 1965. 782 p. (Biblioteka "Piati desiat let sovetskogo romana")
- LIBEDINSKAIA, L.B. [Green lamp; recollections] Zelenaya lampu; vospominaniia. Moskva, Sovetskii pisatel', 1966. 406 p.
- LIKHODEEV, L.I. [I am a conscientious fellow; a tale] IA - paren' soznatel'nyi; povest'. [Moskva] Molodiia gvardiia, 1965. 126 p. (NNC)
- LINOVSKII, A.M. [Ordeals; a novel] Ispytaniia; roman. Petrozavodsk, Karolskoe knizhnoe izd-vo, 1965. 326 p. (IEN)
- LISASHVILI, IAKINTE. [In ruins; a novel. Translated from Georgian] Na razvalinakh; roman. Moskva, Sovetskii pisatel', 1966. 293 p.
- [THE LIVING OSTAP VYSHNIA; collection of reminiscences about the writer] Zhyvoi Ostap Vyshnia; zbirnyk spohadiv pro pys'mennika. Kyiv, Dnipro, 1966. 302 p.
- LOBODA, V.N. [From a private from the shores of the Lovat] Ot riadovogo s berega Lovati. Moskva, Sovetskii pisatel', 1966. 94 p.
- LODONDAMBA, CHADRAVALYN. [Transparent Tamir; a novel. Translated from the Mongolian] Prozrachnyi Tamir; roman. Moskva, Khudozhestvennaya literatura, 1966. 192 p. (Roman-gazeta, no. 14[362])
- LUNCU, RAISA. [Marcu's daughter. Translated from Moldavian] Doch' Marka. Kishinev, Kartia neokdoventaske, 1966. 67 p.
- LUSINIAN, RUBEN. [Crime on Listopad Street; tales] Prestuplenie na ulitse Listopada; povesti. L'vov, Knizhno-zhurnal'noe izd-vo, 1963. 341 p. (MH)
- LUTZIV, LUKA. [T. Shevchenko, bard of Ukrainian glory and freedom] T. Shevchenko - spivets' ukrains'koi slavy i voli. New York, Naukovo-t-vo Im. Shevchenka i "Svoboda" [1964] 180 p. (NN)
- [MALGACHE-RUSSIAN DICTIONARY. 21,000 words] Mal'gashko-russkii slovar'. 21 000 slov. Sost. L.A. Kornov. Pod red. F. Rukutsona. S prilozheniem "Kratkoe ocherka grammatiki mal'gashskogo iazyka." sost. V.D. Arakchym. Moskva, Sovetskaya entsiklopediia, 1966. 646 p.
- MALIARENKO, A.N. [Sources of socialist Czech literature] Istoki cheskosoi sotsialisticheskoi literatury. [Kiev] Izd-vo Kievskogo univ., 1966. 318 p.
- MALYSHKO, A.S. [Prometheus; selected works] Prometheus; vybrani tvory. Kyiv, Veselka, 1966. 160 p. (Shkol'naya biblioteka)
- MAMADZHANOV, SALAKHIDDIN. [Party character and national character of literature. Partinost' i narodnost' literatury. Tashkent, Izd-vo Tashkent] 1964. 126 p. [In Uzbek] (MH)
- MARVICH, S.M. [Tomorrow stands at the threshold; novel] Zavtra stoit u poroga; roman. Moskva, Sovetskii pisatel', 1966. 535 p.
- [MAY I TROUBLE YOU; feuilletons] Razreshite pobesposkoi't; sei'etony. Syktyvkar, Konit knizhnoe izd-vo, 1965. 86 p. (NJP)
- MAZEPA, I.S. [Writings] Pysaniia. Red. i vvedeniia statia IE. U. Petens'koho. 2. vyd. New York, Novarta, 1959. 48 p. (Literaturna biblioteka, no. 191) (NN)
- MEL'NICHENKO, O.G. [Unknown autographs of Ivan Franko] Nevidomi avtografy Ivana Franka. Kyiv, Naukova dumka, 1966. 79 p. (NEU)
- MIKHAILOV, S.V. [Verse and tales] Stikhi i skazki. [Moskva, Gos. izd-vo detskoi lit-ry, 1963] 447 p. (Dlia mladshago shkol'nogo vozrasta) (NDC)
- MIKULINA, E.N. [You're alive, Boris; a tale] Ty zhyv, Boris; povest'. [Moskva] Profizdat, 1966. 236 p. (Povesti o gerolakh)
- MILLER, HENRY. [Tropic of Cancer, Translated from English] Tropik Raka. New York, Grow Press [1964] 252 p. (NJP)
- MIN'AR-BELORUCHEV, R.K. [4,000 useful words and expressions; a concise guide for the interpreter working in the field of international relations (the French language)] 4000 poleznykh slov i vyrazhenii; kratkii spravochnik perevodchika-mezhdunarodnika (frantsuzskii iazyk). Moskva, IMO, 1966. 132 p.
- MIRONOVA, D.D. [Mother's trial; documentary tale] Sud materi; dokumental'naya povest'. Moskva, Znanie, 1966. 95 p. (Prochiti, tovarishchi!)
- MINATSKANIAN, VAZGEN. [Poetry of Gagan Sarian. Poesia Gagania Sariana. Erevan, Armianskoe gos. izd-vo] 1963. 278 p. [In Armenian] (MH)
- MOGILEVSKAIA, S.A. [House in Tsbilknur] Dom v Tsbilknure. Moskva, Detskaya literatura, 1966. 265 p. (Shkol'naya biblioteka)
- MOGILEVSKAIA, S.A. [Seri princesses; a tale] Krepostnye korolevny; povest'. Moskva, Detskaya literatura, 1966. 174 p.
- MORCINEK, GUSTAW. [Bewitched gold. Translated from Polish] Zakoldovannoe zoloto. Moskva, Detskaya literatura, 1966. 14 p.
- MOSCOW, AKADEMIIA OBSHCHESTVENNYKH NAUK. [The role of philosophy in artistic creation] Rol' mirovozzreniia v khudozhestvennom tvorchestve. Moskva, Mysl', 1966. 422 p.
- MOSKALENKO, A.A. [Ukrainian literary language after the October Revolution; a general survey] Ukrains'ka literaturna mova piсля Zhovtnia; zahalnyi ohiad. Lektsiia dlia studentiv znochnykh. Kharkiv, Radians'ka shkola, 1965. 37 p. (CAOTU)
- NAUMOV, ALEKSANDR. [Frontiers; verse] Rubezhi; stikhi. Tashkent, Izd-vo khudozh. lit-ry, 1965. 118 p. (NNC)
- NAUMOVA, N.N. [Nikolai Gavrilovich Chernyshevskii; a biography. Textbook for students] Nikolai Gavrilovich Chernyshevskii; biografiia. Posobie dlia uchashchikhshia. Moskva, Prosveshchenie, 1965. 163 p. (Biografiia pisatel'a)

- NAZAROVA, L.K. [Teaching reading and writing, taking into account the individual characteristics of the pupils] Obucheniye gramoty na osnovu ucheta individual'nykh osobennostei uchashchikhsia. Moskva, Prosveshcheniye, 1965. 205 p. (NIC)
- NEMIROVSKII, A.I. [The white and the blue and the dog Nika; historical stories] Belye, golubye i sobaka Nika; istoricheskie rasskazy. Moskva, Detskaya literatura, 1966. 189 p. (Shkol'naya biblioteka)
- NIKIFOROV, G.P. [Priest's wife] Popad'in. Iaroslav', Verkhne-Volzhskoe knizhnoe izd-vo, 1965. 236 p. (IU) (MH)
- NIKITINA, E.I. [Connected text in Russian lessons; from a teacher's experience] Sviaznyi tekst na urokakh russkogo yazyka; iz opyta uchitel'sa. Moskva, Prosveshcheniye, 1966. 327 p.
- NIKULIN, L.V. [Swell; a chronicle novel] Meritvala zyb'; roman-khronika. Moskva, Khudozh. lit-ra, 1966. 126 p. (Roman-gazeta, no. 18(364))
- NURBERDYEV, POMMA [Bouquet of flowers; verse. Buket tsvetov; stikhi. Ashkhabad, Turkmenizdat] 1962. 101 p. [In Turkmen] (MH)
- ODESSA. UNIVERSITET. Maksym Ryl'skyi. Odesa, 1966. 316 p.
- OLINIK, D.I. [Verse] Poezii. Kyiv, Molod', 1966. 101 p.
- [ON A HAPPY WAVE; a vaudeville collection] Na vesnol' volne; estradnyi sbornik. Moskva, Iskusstvo, No. 2. 1966. 159 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 7)
- [ONE ACT PLAYS; a collection of plays by foreign authors. Translated from German] Odnosaknye p'sy; sbornik p'es znrubezhnykh avtorov. Moskva, Voenizdat, 1966. 122 p.
- ORZESZKOWA, ELIZA. [Argonauts; a novel. Translated from Polish] Argonavty; roman. Kyiv, Dnipro, 1966. 238 p.
- OSEVA, V.A. [Three sons; stories] Tri syna; rasskazy. Moskva, Detskaya literatura, 1966. 30 p. (Chitani sam)
- PAEGLE, LEONS. [Stories. Translated from the Latvian] Rasskazy. [Moskva] Khudozhestvennaya literatura [1965] 283 p. (IU)
- PARFENOV, A.V. [Tread of the battalion; a tale] Shagi batal'ona; povest'. [Moskva] Mosk. rabochii, 1966. 107 p.
- PASICHNYK, T. [Through all the Ukraine; a poem] Po vsi Ukraini; poema. 2. vyd. [New York, 1964] 163 p. (NN)
- PAUSTOVSKII, K.G. [The book of wanderings] Kniga skitanii. Moskva, Sovetskaya Rossiia, 1964. 260 p. (NID)
- PAUSTOVSKII, K.G. [Tales, stories, fairy tales] Povesti, rasskazy, skazki. Moskva, Detskaya literatura, 1966. 476 p. (Shkol'naya biblioteka)
- PERVENTSEV, A.A. [Kochubel; a novel] Kochubel; roman. Moskva, Detskaya literatura, 1965. 269 p. (Shkol'naya biblioteka) (NJR)
- PERVOVA, V.M. [Development of the speech of the students in the course of studying the theme "Direct and indirect speech"; an aid for the teacher] Razvitiye rechi uchashchikhsia pri izuchenii temy "Prямая i kosvennaya rech'"; posobie dlia uchitel'sa. Leningrad, Prosveshcheniye, 1965. 137 p. (NIC)
- PISAREV, D.I. [Realists] Realisty. Moskva, Khudozhestvennaya literatura, 1965. 190 p. (Narodnaya biblioteka) (CaOTU)
- PLOTKIN, I.A. [D.I. Pisarev, his life and works] D.I. Pisarev, zhizn' i dela tel'nosti. Leningrad, Gos. izd-vo khudozh. lit-ry, 1962. 230 p. (RPB)
- PODMAISTROVICH, V.I. [Career of the blue jacket; satire and humor] Kar'era sinego plidzhaka; satira i humor. Uzhgorod, "Karpaty," 1966. 52 p.
- [POETS OF TRANS-CARPATHIA; anthology of Transcarpathian Ukrainian poetry, 16th century - 1945] Poety Zakarpattia; antologiya zakarpatoukrains'koi poezii, XVI st.-1945 r. [Bratislava] Slovats'ke pedagogicne vyd-vo v Bratislavi, 1965. 645 p. (NN)
- POLIKANOV, A.A., Z.V. UDONOVA, and I.T. TROFIMOV. [Russian literature of the end of the 19th and the beginning of the 20th centuries] Russkaya literatura konca XIX - nachala XX vv. Moskva, Vysshaya shkola, 1965. 398 p. (NeU)
- POLTORATZKY, MARIANNA A. [Essays on the general characteristics of English grammar compared with Russian] Ocherki po obshchei kharakteristike angliiskoi grammatiki sravnitel'no s russkoi. San Francisco, 1966. 83 p.
- PROMET, LILLI. [Watercolors of a summer. Translated from Estonian] Akvareli odnogo leta. Moskva, Khudozhestvennaya literatura, 1963. 44 p. (Rasskazy sovetskikh pisatelei) (IU)
- PUSHKIN, A.S. [Poems] Poemy. Moskva, Khudozh. lit-ra, 1964. 253 p. (Narodnaya biblioteka) (CLU)
- PUSHKIN, A.S. [Russian and Lullabies; a poem] Ruslan i Liudmila; poema. [Moskva, Detskaya literatura, 1964] 113 p. illus. plates. (NN)
- RASHIDOV, SHARAF. [Mighty wave; a novel. Translated from the Uzbek] Moguchaya volna; roman. Moskva, Sovetskii pisatel', 1965. 338 p. (IU)
- REFEROVSKAYA, E.A. [Sources of the analyticity of the Romance languages; essays on the syntax of early medieval Latin] Istoki analitizma romanskikh yazikov; ocherki po sintaksisu rannosrednevekovoi latyni. Moskva, Nauka, 1966. 150 p.
- ROSS, LILLIAN. [Portrait of Hemingway. Translated from the English] Portret Khemingveia. Moskva, Pravda, 1966. 47 p. (Biblioteka "Ogonek," no. 6) (MH)
- RUCH'EV, D.A. [Liubava; verse and poems] Liubava; stikhotvoreniia i poemy. Moskva, Khudozhestvennaya literatura, 1966. 182 p.
- RUPINSKII, I.U.M. [Hardened by the sea] Morem zakalennoy. [Murmansk] Murmanskoe knizhnoe izd-vo, 1965. 61 p. (IU)
- [RUSSIAN-KIRGHIZ DICTIONARY; for schools] Russko-kirgyzskii slovar'; dlia shkol. Sost. D.Sh. Shukurov i I.U. IA. Ianshansin. Pod red. B.O. Oruzbaevol. Frunze, Mektop, 1964. 669 p.
- RYL'SKYI, MAKSYM. [Selected lyrics. Izbrannaya lirika. Moskva] Molodaiia gvardiia, 1965. 32 p. (Biblioteka izbrannoi liriki) (NNC)
- RYL'SKYI, MAKSYM, and IURII SMOLYCH. [On the good in people] Pro khoroshe v liudiakh. Kyiv, Dnipro, 1965. 172 p. (IU)
- SADAI, VLADIMIR. [One hundred springs; tales and stories. Sto rodnikov; povesti i rasskazy. Chubok-sary, Chuvashtknizdat] 1965. 182 p. [In Chuvasht] (MH)
- SALINGER, JEROME DAVID. [Tales. Translated from English] Povesti. [Moskva] Molodaiia gvardiia, 1966. 253 p. (RPB)
- SALYNSKII, A.D. [Plays] P'sy. Moskva, Iskusstvo, 1966. 430 p.
- SARATOV. UNIVERSITET. [Proseminar in Russian; a methods text for students in the Correspondence Section of the Philology Department] Proseminar po russkomu yazyku; metodicheskoe posobie dlia studentov zaocnogo otdeleniia filologicheskogo fakul'teta. [n.p.] 1966. 44 p. (Dlia studentov zaocnogo obucheniia)
- SAVYCH, I.S. [Purity; verse] Chystota; poezii. Kyiv, Dnipro, 1966. 142 p.
- SEMENCHUK, IVAN. [The portrait in literary work] Portret u khudozhu omu tvoril. Kyiv, Dnipro, 1965. 72 p. (Besidy pro khudozhnuiu literaturu) (CaOTU)
- SEREBRIAKOVA, G.I. [Wanderings through past years; novels] Stranstviia po mluvsim godam; novelli. [Moskva, Sovetskii pisatel', 1965] 189 p. (REN)
- SERPILIN, L.S. [Time of spring winds; tales] Pora vesniannykh vitriv; povesti. [Kyiv, Dnipro, 1966] 410 p.
- [SEVEN-PETAL FLOWER; book for extracurricular reading in grade 2] Semitavenik; kniga dlia vneklassnogo chteniia vo II klasse. [By] K.N. Kuprianova i dr. Moskva, Prosveshcheniye, 1966. 246 p.
- SEVEROV, P.F. [Ahead of one's fate; tale about the soldier Ruben Ruz' Ibarruri] Popereda doli; povest' pro soldata Rubena Ruisa Ibarruri. Kyiv, Molod', 1965. 261 p. (IU) (MH)
- SHAKESPEARE, WILLIAM. [Sonnets. Translated from English] Sonety. Kyiv, Dnipro, 1966. 104 p.
- SHAMKENOV, AMANZHOL. [Dawn on the dzhalilau; poem. Translated from Kazakh] Rassvet na dzhalilau; poema. [Alma-Ata] Zluzushy, 1965. 90 p. (IU)
- SHAPIRO, A.B. [Modern Russian; punctuation] Sovremennyi russkii yazyk; punktatsiia. Moskva, Prosveshcheniye, 1966. 205 p.
- SHCHERBAKOVA, V.A. [Other people's glory; tale] Chuzhaia slava; povest'. Moskva, Mosk. rabochii, 1965. 231 p. (NNC)
- SHCHIPACHEV, S.P. [Poems] Poemy. Minsk, Gos. uchebno-pedagog. izd-vo BSSR, 1954. 53 p. (Shkol'naya biblioteka) (WU)
- SHEININ, LEV. [Grave indictment; the truth. A drama in 3 acts, 6 scenes] Tlazhko obvineniye; latina. Drama v 3 aktakh, 6 kartnakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 751.
- SHENSHIN, A.A. [Lyrics] Lirika. Moskva, Khudozh. lit-ra, 1965. 182 p. (Sokrovishcha liricheskoi poezii) [Publ. under his pseud. A.A. Fet] (NJR)
- SHEVCHENKO, T.H. [The bard] Kobzar. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1957. 626 p. (NIC)
- SHEVOROSHIKIN, V.V. [Investigations in deciphering Carian inscriptions] Issledovanie po dezhifrovke kariiskikh nadpisel. Moskva, Nauka, 1965. 358 p. (CaOTU) (NeU)
- SHIRAZI, ABDI-BEK. [Madzhnun and Laili] Madzhnun i Laili. Kriticheski tekst i predisl. A. Bagimova. Moskva, Nauka, 1966. 23, 219 p. [In Russian and Persian]
- SHITOV, M.A. [Meetings in foul weather; two tales] Svidaniia v nepogodu; dve povesti. [Leningrad] Lentzdat, 1966. 368 p.
- SHKLOVSKII, V.B. [Once upon a time; reminiscences, memoirs, tales of the time from the end of the 19th century to 1931] Zhili-byli; vospominaniia, memuarye zapisi, povesti o vremeni s konca XIX v. po 1931 g. Moskva, Sovetskii pisatel', 1966. 650 p.
- SHLIKHTA, M.I. [Aid for practice in conversational French for students of pedagogical institutes] Posobie po razgovornoj praktike frantsuzskogo yazyka dlia studentov pedagogicheskikh institutov. Leningrad, Prosveshcheniye, 1965. 172 p. (NIC)

- SHTEDMAN, Z. I. A. [Topics not yet finished off] Nedobitye temy. Moskva, Sovetskii pisatel', 1966. 133 p.
- SHUBIN, P. N. [Selected lyrics. Izbrannaya lirika] Moskva, Molodaya gvardiya, 1966. 30 p. (Biblioteka izbrannoi liriki)
- SHVEITSER, V. Z. [Dialogue with the past; reminiscences, études] Dialog s proshlym; vospominaniya, etudy. Moskva, Iskusstvo, 1966. 163 p.
- SIDOROV, V. M. [Trial by love] Ispytanie lyubov'iu. [Moskva] Molodaya gvardiya, 1965. 109 p. (IEM) (NIC)
- SIKHKHAT, ABBAS, and ABDULLA SHAIK. [Nightingales. Translated from the Azerbaijani] Solov'yata. [Moskva] Det'skaya literatura, [1966] 15 p. illus.
- SIKORSKII, V. V. [Facet; verse] Gran'; stikhotvoreniya. Moskva, Sovetskii pisatel', 1966. 238 p.
- SIMUKOV, A. G. [Plays: The wedding, Sparrow mountains, The pretty girls, On the Oka River] P'esy; Svad'ba, Vorob'evy gory, Devitsy-krasavitsy, Nad Okoi-rekol. [Moskva, Sovetskii pisatel', 1965. 310 p. (CaOTU) (MH) (NNC)
- SINILAU, ALIASEL. [By the paths of Niemen Valley; travel sketches] Stezhkami Pryniomannia; darozhnyia zamiatki. Minsk, Dziarzh. vyd-va BSSR, red. dzitsiachal lit-ry, 1962. 204 p. (NN)
- SKURATOV, M. M. [Verse and poems. Stikhotvoreniya i poemyy. Novosibirsk] Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 184 p. (Biblioteka sibirskoi poezii) (MH)
- SKVORTSOV, ALEKSANDR. [Verse] Stikhi. Alma-Ata, Zhazushy, 1965. 41 p. (Novye stikhi) (U)
- SLISARENKO, O. A. [The uprising; a novel, tales, stories] Bunt; roman, povesti, opoviddaniya. Kyiv, Vyd-vo khudozh. lit-ry Dnipro, 1965. 521 p. (CU)
- SLONIMSKII, A. L. [The technique of the comical in Gogol's works] Tekhnika komicheskogo u Gogolia.... 1963 [i.e. 1962] (FU)
- SMELIAKOV, I. A. V. [Beloved beauties of Russia] Milye krasavitsy Rossii. Moskva, Sovetskaya Rossiya, 1966. 132 p.
- SMELIAKOV, IAROSLAV, ed. [Cyprian rhapsody; verse of the poets of Cyprus. Translated from Modern Greek] Kiprskaya rapsodiya; stikhi poetov Kipra. Moskva, Izd-vo inostr. lit-ry, 1961. 105 p. (Sovremennaya zarubezhnaya poeziya) (NN)
- SMIRNITSKII, A. I., ed. [Russian-English dictionary] Russko-angliiskii slovar'. Okolo 50 000 slov. Sost. O. S. Akhmanova i dr. Izd. 5. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 951 p. (NNC)
- SMOLENSKII, V. A. [Verse, 1957-1961] Stikhi, 1957-1961. Paris, 1963. 57 p. (NIC)
- SMOL'NIKOV, I. V. [Three merry colors; a fairy tale] Tri veselykh kraski; skazka. Leningrad, Det'skaya lit-ra, 1966. 58 p.
- SMOLYCH, IURII. [Peace to the huta, war to the palaces; a novel] Mir khizhniam, volna dvortsam; roman. Moskva, Sovetskii pisatel', 1963. 657 p.
- SMOLYCH, IURII. [The wide Dnieper roars and moans; a novel] Revet i stonet Dnestr shirokii; roman. Moskva, Sovetskii pisatel', 1963. 845 p. (KU)
- SMOLYCH, IURII. [The wide Dnieper roars and groans; a novel] Revet i stonet Dnestr shirokii; roman. Moskva, Sovetskii pisatel', 1966. 950 p.
- SOKOLOV, A. I. [And the people arose; historical novel] I podnialsia narod; istoricheskii roman. Moskva, Voenizdat, 1966. 622 p.
- SOKOLOV, V. N. [Different years; selected verse] Raznye gody; izbrannye stikhi. Moskva, Sovetskii pisatel', 1966. 199 p.
- SOLOV'EV, L. V. [Selected works in three volumes, Izbrannoe v trekh tomakh. Leningrad] Lenizdat, 1964. 3 v. (NNC)
- SOKOLENSKAYA, S. E., and V. M. ALEKSANDROV. [We are going to the zoo] My idem v zoopark. Moskva, Det'skaya literatura, 1966. 19 p.
- SOKOLOV, V. N. [Different years; selected verse] Raznye gody; izbrannye stikhi. Moskva, Sovetskii pisatel', 1966. 199 p.
- SOKOLOVSKII, A. A. [Always at his post] Vsegda na postu. Moskva, Det'skaya literatura, 1966. 92 p.
- SOROKA, O. M. [Selected verse] Vybrani poezii. Kyiv, Dnipro, 1966. 121 p.
- SPIVAK, I. A. [Party character and national character in belles lettres] Pro partinist' i narodniet' khudozhn'oi literatury. Kyiv, Dnipro, 1964. 83 p. (Besedy pro khudozhu literaturu) (CaOTU) (NuU) (WU)
- [SPRING KEYS; verse] Vesennie klavishi; stikhi. Kishinev, Kartia moldovenaske, 1966. 113 p.
- STARITS'KYI, MYKHAILO. [Verse] Stikhi. Moskva, Khudozhestvennaya literatura, 1965. 182 p. (MH)
- STEL'MAKH, M. P. [Truth and lies (Marko Bessmertnyl); a novel] Pravda i krivda (Marko Bessmertnyl); roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1963. 469 p. (KU)
- STUART, E. K. [Night birches; verse] Nochnye berezy; stikhi. Moskva, Sovetskii pisatel', 1965. 194 p. (U)
- [STORIES OF FRENCH WRITERS. Translated from French] Rasskazy frantsuzskikh pisatelei. Moskva, Izd-vo inostr. lit-ry, 1963. 503 p. (Mdu)
- SVADKOVSKII, I. F. [A primer] Bukvar'. Izd. 10., perer. Moskva, Uchpedgiz, 1962. 95 p. (NJR)
- SVIKULE VIJA. [President's oranges; short stories] Prezidenta apelsini; statti. Riga, Liesma, 1960. 207 p. [In Latvian]
- SZCZYPIORSKI, ANDRZEJ. [Day of reckoning. Translated from Polish] Chas rasplaty. Moskva, Progress, 1960. 212 p.
- [TALES AND STORIES] Povesti i rasskazy [By] I. U. Gorman i dr. Moskva, Voen. izd-vo, 1965. 737 p. (Voen'nye priklucheniya) (NNC)
- TAMARINA, RUF'. [Verse] Stikhi. Alma-Ata, Zhazushy, 1965. 44 p. (Novye stikhi) (U)
- TARNAVS'KYI, OSTAP. [Longing for a myth; an essay] Tuha za mitom; esei. New York, Kiluch, 1960. 159 p.
- TARTAKOVSKII, B. S. [The meridian of engineer Irasov; a tale] Meridian inzhenera Irasova; povest'. [Moskva] Molodaya gvardiya, 1965. 176 p. (NNC)
- TARUTIN, O. A. [To walk and see; verse] Idti i videt'; stikhi. Leningrad, Sovetskii pisatel', 1965. 91 p. (NNC)
- TENDRIKOV, V. F. [Ill suited; tale] Ne ko dvoru; povest'. [Moskva, Khudozhestvennaya literatura, 1965] 128 p. (MIU) (NNC) (RPB)
- TERENT'Yeva-KATAEVA, M. K. [Ordeal; verse of various years] Ispytanie; stikhi raznykh let. Pod red. M. Svetlova. Moskva, Sovetskii pisatel', 1965. 87 p. (NIC)
- TETERNIKOV, F. K. [Selected works; four collections of verse: 1. War, 2. The camp fire along the road, 3. The pipe, 4. Church bells ringing] Izbrannoe; chetyre sbornika stikhotvoreni: 1. Volna, 2. Koster dorozhnyi, 3. Svirel', 4. Sobornyi blagovest. Chirago, Russian Language Specialties, 1965. 127 p. (Russian Study Series, no. 63) [Publ. under his pseud. Fedor Sologub] (NJP)
- [THINK IT OVER AND YOU WILL HAVE THE ANSWER; Russian folk riddles] Podumai - otvetish; russkie narodnye zagadki. Moskva, Det'skaya lit-ra, 1964. 11 p. illus. (Stikholnaya biblioteka dlia nerusskikh detei) (MIEM)
- TOKMAKOVA, I. P. [Kittens] Koshki. [Moskva] Mal'yn, 1966. 1 v. (chiefly illus.)
- TOKMAKOVA, I. P. [The seasons; verse] Vremena gody; stikhi. Moskva, Sovetskaya Rossiya, 1966. 1 v.
- TOLSTOI, L. N. [Collected works in twenty volumes] Sobranie sochinenii v dvadtsati tomakh. Pod obshch. red. N. N. Akopova i dr. Moskva, Khudozhestvennaya literatura. Vol. 20, [Diaries, 1905-1910] Dnevnik, 1905-1910 gr. 1965. 669 p.
- [TOWARD THE FUTURE] Navstrechu budushchemu. [Moskva, Sovetskii pisatel', 1965] 303 p. (Stikholnaya biblioteka dlia nerusskikh detei, no. 2) (NJP)
- TUGANOV, BATYRDEK. [Stories, dramatic works] Rasskazy, dramicheskie proizvedeniya. (Ordzhonikidze [Sverdlovsk] knizhnoe izd-vo) 1963. 210 p. (U)
- TUKAI, GABDULLA. [Shurale; a fairy tale-poem. Translated from the Tatar] Shurale; skazka-poema. [Kashin] Tatarskoe knizhnoe izd-vo, 1966. 1 v. (chiefly illus.)
- TURGENEV, I. S. Rudin. Moskva, Khudozhestvennaya literatura, 1965. 173 p. (NJR)
- TURGENEV, I. S. [Tales and stories] Povesti i rasskazy. Moskva, Khudozh. lit-ra, 1965. 197 p. (Natsional'naya biblioteka) (NJR)
- TURICHIN, I. A. [Three Andriusha's and the good magician] Tri Andriushi i dobryi volnhebik. Leningrad, Det'skaya lit-ra, 1966. 17 p.
- TUWIM, JULIAN. [Verse. Translated from the Polish] Stikhi. Moskva, Khudozhestvennaya literatura, 1963. 414 p. (CU)
- TVARDOVSKII, A. T. [Lent and the glove maker; according to legend] Lenin i puchok; po predanii. Moskva, Det'skaya literatura, 1966. 9 p.
- UHSE, BODO. [The patriots. Translated from the German] Patrioty; roman. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1958. 497 p. (U)
- UVAROVA, L. A. [I'll be boulevard; tales and stories] Sirenyvi bul'var; povesti i rasskazy. Moskva, Sovetskii pisatel', 1966. 436 p.
- VASIL'EVA, L. N. [Flaxen moon; lyrics] L'istnaya luna; lirika. [Moskva] Molodaya gvardiya, 1963. 118 p. (Pervaya kniga poeta)
- VELIEV, SULEIMAN. [Triglav, Triglav...; a novel. Translated from the Azerbaijani] Triglav, Triglav...; roman. Moskva, Voenizdat, 1966. 180 p.
- VERDIAN, BOGDAN. [Born in the mountains; novel] Rozhdennyi v gorakh; roman. Moskva, Sovetskii pisatel', 1965. 314 p. (U)
- VEREISKAYA, E. N. [Three girls; the story of an apartment] Tri devochki; istoriya odnoi kvartiry. Leningrad, Gos. izd-vo det'skoi lit-ry, 1961. 141 p. (Stikholnaya biblioteka) (U)

VERNON, DUKE. [Picture gallery. The third book of verse] Kartinnuua galerola. Tret'ia kniga stikhov. Munich, 1965. 116 p. [Publ. under his name Vladimir Dukel'skii]

VIARTINSKI, ANATOL'. [Song about bread; verse and a poem] Pesnia pra klieb; vershy i paema. Minsk, Dazharb. vyd.-va BSSR, redaktsia mastatskai lit-ry, 1962. 66 p. (NN)

VIL'CHINSKII, V.P. [Russian writers who write about the sea] Russkie pisateli-marinisty. Moskva, Nauka, 1966. 233 p.

VILNA, UNIVERSITETAS. Lietuviu kalbos katedra. [Modern Lithuanian] Dabartinė lietuvių kalba; studijų ir mokymo. Redakcinė kolegija: J. Kazlauskas, A. Laigonalto, V. Urbaitis, Vilnius, Valstybinė politinės ir mokslinės literatūros leidykla, 1961. 270 p. [In Lithuanian]

VOLODARSKII, N.A., and others comps. [In the land of the talga; literary collection of Ukhaia authors] V kraiu taizhuom; literaturno-kludozhestvennyi sbornik ukhaitskikh avtorov. Syktyvkar, Komi knizhnoe izd-vo, 1965. 277 p.

VORONKOVA, L.F. [Magic shore; tales] Volshebnyi bereg; povesti. Moskva, Detskaya literatura, 1966. 492 p.

VOROPAI, OLEKSA. [Adventures of Marko Chubaty] Pryhody Marka Chubatoho. London, Ukrain'ska dumka, 1964. 100 p. (Cob)

VULIS, A.Z. [In the laboratory of laughter] V laboratorii smekha. Moskva, Khudozhestvennaya literatura, 1966. 141 p. (Massovaya istoriko-literaturnaya biblioteka)

[WE ARE YOUNG; My melody. Ulan-Ude, Buriatskoe knizhnoe izd-vo] 1964. 128 p. [In Buryat] (MH)

[WHITE CARNATION; stories] Belaja gvozdika; rassказы. Moskva, Izd-vo gnezdy "Krasnaya zvezda," 1966. 31 p. (Biblioteka "Krasnaya zvezda," no. 13(193))

[WRITERS OF WESTERN UKRAINE FROM THE 1830'S TO THE 1850'S] Pys'mennyy Zakhidnoi Ukrainy 30-50 rokiv XIX st. Kyiv, Dnipro, 1965. 651 p. (NNC)

ZABORSKAITI, V. [The art of verse] Eitersaslo monas. Vilnius, Vaga, 1965. 277 p. [In Lithuanian] (MH)

ZAKHAROV, I.A. [Minskoyevskii in the newspapers] Minskoyevskii v gazeta. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 63 p. [MICROFILM]

ZAKHODER, BORIS. [Grandfather Rokh; Polish folk songs for children] Deduska Rokh; pol'skie narodnye det'skie pesenki. Moskva, Detskaya literatura, 1966. 16 p.

ZAKRUTKIN, V.A. [Tales and stories] Povesti i rassказы. Moskva, Voennoe izd-vo, 1965. 532 p. (IU)

ZANADYOROV, V.L. [The Copper Mountain] Mednaya gora. [Perm', Permskoe knizhnoe izd-vo, 1963] 124 p. (Biblioteka putestestvii i priklucheni, no. 13) (IU)

ZARAPIN, D.F. [When the roads call; essays, feuilletons, reportage, notes] Kogda zovut dorogi; ocherki, feiletony, reportazhi, zapiski. [Moskva] Pravda, 1966. 310 p.

ZASURSKII, I.A.N. [American literature of the 20th century; certain aspects of the literary process] Amerikanskaya literatura XX veka; nekotoryye aspekty literaturnogo protsesssa. [Moskva] Izd-vo Mosk. univ., 1966. 438 p.

ZHOMEK, G.I., and N.P. SERVILINA. [The Institute; an aid for conversational practice for students of German language faculties of pedagogical institutes] Institut; posobie po razgovornoi praktike dlia studentov fakul'tetov nemetskogo iazyka pedagogicheskikh institutov. Leningrad, Prosveshchenie, 1965. 105 p. (Deutsche Konversationsbücher) (NIC)

ZHURAVLEV, V.A. [Along a deep stream; book of verse] Na strezhne; kniga stikhov. [Moskva] Mosk. rabochii, 1965. 175 p. (NIC)

ZIABREV, A.F. [Yenisey notebook; lyric notes] Eniseiskaya tetrad'; liricheskie zapiski. Izd. 2., dop. [Moskva] Molodaya gvardia, 1966. 365 p.

ZLATOVERKHOVA, V.G. [Phonetics of literary Burmese; experimental studies] Fonetika birman'skogo literaturnogo iazyka; eksperimental'nye issledovaniia. Moskva, Nauka, 1966. 124 p.

ZLOBIN, A.P. [One-way trip] Doroga v odin konets. Moskva, Izd-vo polit. lit-ry, 1965. 222 p. (NcU)

ZORIN, VLADISLAV. [Verse] Stikhi. Alma-Ata, Zhaznuhy, 1965. 38 p. (Novye stikhi) (NIC)

ZUL'FUKAROV, ZUL'FUKAR. [The storm; tales and stories. Buria; povesti i rassказы. Makhlachkala, Dagestanskoe knizhnoe izd-vo] 1963. 139 p. [In Dargwa] (MH)

ZVEZDAEVA, V.A. [It is hard to die in spring; a tale] Trudno umirat' vesnoi; povesti. [Moskva] Mosk. rabochii, 1966. 262 p.

12. GEOGRAPHY & GEOLOGY

[ACHIEVEMENTS OF SCIENCE: Cartography, 1963-1964] Itogi nauki: Kartografiia, 1963-1964. Vypusk 2. Moskva, Akad. nauk SSSR, 1966. 163 p. (Seria: Geografiia)

AKADEMIA NAUK ARMIAANSKOI SSSR, Eriuan. Institut geologicheskikh nauk. [Geology of the Armenian S.S.R.] Geologiya Arman'skoi SSSR. Glav. red. S.S. Mkrtchian i dr. Eriuan. Vol. 1. [Nonmetallic minerals] Nemetallicheskie poleznye iskopayemye. 1966. 577 p.

AKADEMIA NAUK GRUZINSKOI SSSR, Tiflis. Institut geografi. [Atlas of Georgian Soviet Socialist Republic] Atlas Gruzinskoi Sovetskoi Sotsialisticheskoi Respubliki. Tbilisi, Glav. upr. geodezii i kartografi, 1964. xi, 260 p. maps. (MIDW)

AKADEMIA NAUK SSSR. Institut fiziki Zemli. Biblioteka. [Earth's natural varying electromagnetic field; bibliography, 1960-1963] Estestvennoe peremennoe elektromagnitnoe pole Zemli; bibliograficheski ukazatel', 1960-1963 gg. Moskva, 1965. 423, 32 p.

AKADEMIA NAUK SSSR. Institut geografi. [Franz Josef Land; temperature of snow and ice] Zemlia Frantsia Isola; temperatura snega i l'da. Moskva. (Re: Materialy glatsiologicheskikh issledovani) No. 2. Razumelko, N.G. [Stationary observations on the Sedov Glacier. Reconnaissance thermocoupling of the ice of the Churlyanis and Jackson cupolas and the Sedov Glacier] Statsionarnyye nabludeniia na lednike Sedova. Marshrutnoe termozondirovanie l'da na kupolkakh Churlyanisa i Dzhoksona i lednike Sedova. 1963. 117 p.

AKADEMIA NAUK SSSR. Institut geografi. [Novaya Zemlya; temperature of snow, firm, and ice] Novaya Zemlia; temperatura snega, firny i l'da. Moskva. (Re: Materialy glatsiologicheskikh issledovani) No. 1. Khmelevskii, E.F. [Stationary observations at the Ledorazdel'naya Station] Statsionarnyye nabludeniia na stantsii Ledorazdel'naya. 1964. 109 p.

No. 2. Khmelevskii, E.F. [Stationary observations at the Bar'or-Sonnenli Station and reconnaissance studies] Statsionarnyye nabludeniia na stantsii Bar'or-Sonnenli i marshrutnye issledovaniia. 1963. 91 p.

AKADEMIA NAUK SSSR. Institut geokhimii i analiticheskoi khimii. [Geochemistry of Lovozero alkali mass] Geokhimiia Lovozerskogo shechelozhnogo massiva. [By] V.I. Gerasimovskii i dr. Moskva, Nauka, 1966. 394 p.

AKADEMIA NAUK SSSR. Mezhdunarodnyi geofizicheskii komitet. [Structure of Black Sea Depression] Stroenie Chernomorskoj vpadiny; sbornik statei. Moskva, Nauka, 1966. 93 p. (Rezultaty issledovani po mezhdunarodnym geofizicheskim proektam)

AKADEMIA NAUK SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. [Geology and petrology of the Pre-Cambrian of the Aldan Shield] Geologiya i petrologiya dokambriia Aldanskogo shchita. Moskva, Nauka, 1966. 317 p.

AKADEMIA NAUK SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. [Palynology and stratigraphy of the Quaternary sediments of the Ob' and Yenisey River basins] Palinologiya i stratigrafiia chetvertichnykh otlozhenii basseinov rek Obi i Eniseia. Moskva, Nauka, 1966. 75 p. (K II Mezhdunarodnoi palinologicheskoi konferentsii, Utrekht, 1966 g.)

AKADEMIA NAUK SSSR. Sibirskoe otdelenie. Institut zemnoi kory. [Methodology of hydrogeological studies and the resources of underground waters in Siberia and the Far East] Metodika gidrogeologicheskikh issledovani i resursy podzemnykh vod Sibiri i Dal'nego Vostoka. Moskva, Nauka, 1966. 358 p.

ALEXIN, O.A. [Ocean chemistry] Khimiia okeana. Leningrad, Gidrometeor. izd-vo, 1966. 247 p.

ATAEV, DIBIR, and K. GADZHIEV. [Guidebook for Dagestan] Putevoditel' po Dagestanu. Makhlachkala, Dagestanskoe knizhnoe izd-vo, 1965. 163 p. (InU)

BAKMAN, T.B. [Southern coast of the Crimea] Pivdennyi bereh Krymu. Simferopol', Vyd-vo "Krym," 1966. I v. (chiefly illus.) [In 6 languages]

BERZON, I.S., L.I. RATNIKOVA, and M.I. RATS-KHIZGIA. [Seismic phenomena reflected waves] Seismicheskie obmennye otrazhennyye volny. Moskva, Nauka, 1966. 222 p.

BOGATIKOV, O.A. [Petrology and metallogeny of gabbro-syenite complexes of Altai-Sayan area] Petrologiya i metallogeniia gabbro-sienitovykh kompleksov Altai-Sainskoi oblasti. Moskva, Nauka, 1966. 239 p.

[BRIEF GEOGRAPHICAL ENCYCLOPEDIA] Kratkaya geograficheskaya entsiklopediia. Glav. red. A.A. Grigor'ev. Chleny red. kollegii: P.M. Atamprav i dr. Moskva, Sovetskaya entsiklopediia. (Entsiklopedii, slovari, spravochniki) Vol. 5. [Yudoma - Yaya. Addenda] Iudoma - IAla. Dopoineniia. 1966. 544 p. (insert)

BUSLOV, K. [Five hundred hours of silence; notes, reflections, quarrels, and even verses] Plat'soi chasov tishiny; zametki, razmyshleniia, spory i dazhe stikhi. Moskva, Mysl', 1966. 157 p. (Putestestvii, priklucheniia, fantastika)

BUTIAGIN, I.P. [Strength of ice and ice sheets; field studies on Siberian rivers] Prochnost' l'da i ledanogo pokrova; naturnye issledovaniia na rekakh Sibiri. Novosibirsk, Nauka, 1966. 153 p.

CHALYSHEV, V.I., and L.M. VARIUKHINA. [Biostratigraphy of the Triassic of the Pechora province] Biostratigrafiia triasa Pechorskoi oblasti. Moskva, Nauka, 1966. 147 p.

CHIZHOV, O.P., and N.M. SVATKOV. [Novaya Zemlya; general description of studies] Novaya Zemlia; obshchee opisanie issledovani. Moskva, 1962. 74 p. (Materialy glatsiologicheskikh issledovani Institut geografi Akademii nauk SSSR)

[CRIMEA, GUIDEBOOK: historical and geographical sketch; travels through the Crimea] Krym, putevoditel': istoriko-geograficheski ocherk; putestestvii po Krymu. Simferopol', Izd-vo "Krym," 1966. 177 p.

DEEV, G.N., and K.S. LOSEV, comps. [English-Russian hydrological dictionary. 14,000 terms] Anglorusskii gidrologicheskii slovar'. 14 000 terminov. Pod red. V.V. Rakhmanova. Moskva, Sovetskaya Entsiklopediia, 1966. 299 p.

DOBRETSEV, N.L., and others. [Facies of the regional metamorphism of the U.S.S.R.; explanatory note to the "Map of metamorphic facies of the U.S.S.R." on a scale of 1:7,600,000] Fatsii regional'nogo metamorfizma SSSR; ob'iasnitel'naya zapiska k "Karte metamorficheskikh fatii SSSR," Mashtab 1:7 600 000. Novosibirsk, Izd-vo "Nauka" Sibirskoe otd-nie, 1966. 53 p.

DUBOVYK, S.M. [Voyage on the "Penguin"] Podo-rozh na "Pingvin." Kyiv, Molod', 1965. 184 p.

ENA, V.G., and M.E. KOSTRITSKII. [Crimean Peninsula; geographical description] Krymskii poluostrov; geograficheski ocherk. Simferopol', Izd-vo "Krym," 1966. 80 p. (Priroda Kryma)

FEDOSEEV, G.A. [We are walking through the Eastern Sayan] My idem po Vostochnomu sayanu. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1963. 382 p. (IU)

[GEOGRAPHY OF BRYANSK PROVINCE; a textbook for 8th grade students] Geografiya Brjanskoi oblasti; uchebnoe posobie dlia uchashchikhsia 8 klassa. Bryansk, 1965. 133 p. illus., maps (in pocket) (CSI-II)

GRIGOR'EV, N.F. [Permafrost in the seashore zone of Yakutia] Mnooletnemerzlye porody primorskoi zony Yakutii. Moskva, Nauka, 1966. 177 p.

IAKIMOVICH, V.L., and others. [Cenozoic of Bashkirian portion of cis-Ural region] Kainozoi Bashkirskogo Predural'ia. Moskva, Nedra. Vol. 2. Pt. 2. [Pliocene of Bashkirian portion of cis-Ural region (Kinel' series)] Pliocen Bashkirskogo Predural'ia (Kinel'skaia svita). 1965. 314 p. plates.

INTERNATIONAL GEOLOGICAL CONGRESS. Subcommission on the Tectonic Map of the World. [International tectonic map of Europe] Mezhnunarodnaya tektonicheskaya karta Evropy. Sost. pod rukovodstvom N.S. Shatskogo i dr. Moskva, 1964. 16 maps (in portfolio)

[Tectonics of Europe; explanatory note] Tektonika Evropy; ob'iasnitel'naya zapiska. Moskva, Nauka, 1964.

(ICRL)

IVANOV, B.V. [40 centuries and 4 years] 40 vekov i 4 goda. Moskva, Sovetskaya Rossiia, 1966. 186 p.

KAKHOVSKII, V.F. [The origin of the Chuvash people; basic stages of their ethnological history] Proiskhozhdenie chuvashskogo naroda; osnovnye etapy etnicheskoi istorii. [Cheboksary] Chuvashskoe knizhnoe izd-vo, 1965. 481 p. (CSI-H)

KAVKAZSKAIA EKSPEDITSIIA PO PROGRAMME MEZH-DUNARODNOGO GEOFIZICHESKOGO GODA, 1957- [Materials of the Caucasian Expedition on the Program of the International Geophysical Year, 1957-] Materialy. Khar'kov, Izd-vo Khar'kovskogo univ. Vol. 5. 1965. 120 p.

KHOMICH, L.V. [Nenets; historical and ethnographical studies] Nentsy; istoriko-etnograficheskie ocherki. Moskva, Nauka, 1966. 326 p.

KUDELIN, B.I., ed. [Subsurface flow in the U.S.S.R.] Podzemnyi stok na territorii SSSR. [Moskva] Izd-vo Mosk. univ., 1966. 302 p.

LAURINCIUKAS, ALBERTAS. [Third side of the dollar] Trečioji dolerio puse. Vilnius, Vaga, 1965. 397 p. illus. [in Lithuanian]

LENINGRAD, GORNYI INSTITUT, Muzel. [Museum of Mining; a guidebook] Gornyi muzej; putevoditel'. Leningrad, 1959. 53 p.

LENINGRAD, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Geography and geology; program and summaries of reports of April 9-21, 1965] Geografiya i geologiya; programma i tezisy dokladov, 9-21 aprelya 1965 g. Leningrad, [1965] 46 p. (XVIII Gertsenovskie chteniia)

LENINGRAD, GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Geography and geology; program and summaries of reports of April 11-26, 1966] Geografiya i geologiya; programma i tezisy dokladov, 11-26 aprelya 1966 g. Leningrad [1966] 111 p. (XIX Gertsenovskie chteniia)

MAKAROV, N.N. [The ocean's sister] Sestra okeana. Moskva, Sovetskaya Rossiia, 1966. 116 p.

MALKOV, V.M. [On the Volga-Baltic Sea Waterway] Po Volgo-Baltu. [Volgda] Severo-Zapadnoe knizhnoe izd-vo, 1966. 316 p.

MINSK. Upravlenie bytovogo obsluzhivaniia. [Advertising reference book of enterprises performing everyday repairs and other services] Reklamnyi spravochnik predpriatii bytovogo obsluzhivaniia Minska. Minsk, 1966. 76 p. (Dlia vas, minchani)

NAUCHNAIA SESSIJA PO ETNOGENEZE MORDOVSKOGO NARODA, Saransk, 1964. [Ethnogenesis of the Mordvinian people; materials] Etnogenez mordovskogo naroda; materialy. Pod obshch. red. B.Z. Rybakova, B.A. Serebrennikova i A.P. Smirnova. Saransk, Mordovskoe knizhnoe izd-vo, 1965. 438 p.

NEKRASOV, A.S. [We were in Dickson] My byli na Diksone. Moskva, Sovetskaya Rossiia, 1966. 60 p.

NIKONOVA, R.I. [Penetrations in the relief of the southern Maritime Territory] Poverkhnosti vyraivaniia v reliefe Juzhnogo Primor'ia. Moskva, Nauka, 1966. 93 p.

NOVOE VREMIA. [Atlas of "Novoe vremia"; supplement to journal "Novoe vremia"] Atlas Novogo vremeni; prilozhenie k zhurnalu "Novoe vremia." No. 2. [24 maps of Asian, Australian and Oceanian countries] 24 karty stran Azii, Avstralii i Okeanii. [n.p. 1965] 48 p.

NOVOE VREMIA. [Atlas of "Novoe vremia"; 32 maps of European and African countries] Atlas Novogo vremeni; 32 karty stran Evropy i Afriki. [n.p. 1964] 32 p.

NOVOSIBIRSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [Problems in the hydrology of Western Siberia] Voprosy gidrologii Zapadnoi Sibiri. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 61 p.

OLEINIKOV, M.K. Sestorotsk. [Leningrad] Lenizdat, 1965. 49 p. (Turistu o Leningrade)

PETROV, V.P., ed. [Problems of geology and mineralogy of micas; collection of articles; Translated from English] Voprosy geologii i mineralogii slud; sbornik statei. Moskva, Mir, 1973 p. maps (1 fold.) diagrs., tables. (NNC)

REKSHINSKAIA, L.G. [Atlas of electron photomicrographs of clay minerals and their natural associations in sedimentary rock] Atlas elektronnykh mikro-fotografi glinistykh mineralov i ikh prirodnykh assotsiatsii v osadochnykh porodakh. Moskva, Nedra, 1966. 229 p.

RUDICH, K.N. [Volcano-plutonic formations of the Cherski Range (northeastern Asia)] Vulkanoplutonicheskie formatsii tepi Cherskogo (Severo-Vostok Azii). Moskva, Nauka, 1966. 123 p.

SARKISIAN, A.S. [Fundamentals of the theory and calculation of ocean currents] Osnovy teorii i raschet okeanicheskikh techenii. Leningrad, Gidrometeoizdat, 1966. 121 p.

SHAPOSHNIKOVA, V.D. [The great safari; a travel diary] Bol'shoe safari; dnevniki putestestvia. [Moskva] Molodala gvardia, 1966. 157 p.

SHUL'TS, N.P. [Planerskoye (Koktebel'); study-guide-book] Planerskoe (Koktebel'); ocherk-putevoditel'. Simferopol', Izd-vo "Kryn", 1966. 70 p.

SOBOLEV, A.V. [Zhiguli "round-the-world" trip] Zhi-gul'skaya krugosvetka. [Kulyshev] Kulyshevskoe knizhnoe izd-vo, 1965. 129 p. fold. map (insert)

[STREETS OF SVERDLOVSK; guidebook] Ullitsy Sverdlovsk; spravochnik. Izd. 2., dop. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 216 p. fold. map (insert)

TALLINN, EESTI NSV RIIGLIK LOODUSMUSEUM. [Geological Department of the State Natural History Museum of Estonia S.S.R.] Eesti NSV Riigliku loodusemuuseumi geoloogilise osakond. Tallinn, 1965. 35 p. [in Estonian]

TIMASHEV, A.K. [Czechoslovak Socialist Republic; geographic sketches] Chechoslovatskaia Sotsialisticheskaya Respublika; geograficheskie ocherki. Moskva, Prosveshchenie, 1965. 162 p. illus., maps. (Biblioteka shkoi i mladi) (CSI-II)

URAL'SKOE MEZHVEDOMSTVENNOE SOVEZICHANIE PO RAZRABOTKE REGIONAL'NOI STRATIGRAFI-CHESKOI SHKALY URALA, Chelvertichnaya komis-siya. [Stratigraphy of Quaternary (Anthropogene) sediments of the Urals; transactions... May 7, 1962-April 6, 1963] Stratigrafiya chelvertichnykh (antropogennykh) otlozhenii Urala; trudy... 7 marta 1962 g. - 6 apre-lya 1963 g. Moskva, Nedra, 1965. 248 p.

ZABIROV, R.D., and R.R. KRINITSKAIA. [Along tourist paths of Issyk-Kul' region] Po turistским tropam Pril'ssyk-kul'. Frunze, Mektop, 1964. 78 p.

13. SCIENCE

AGEKIAN, T.A. [Stars, galaxies, metagalaxy] Zvezdy, galaktiki, metagalaktika. Moskva, Nauka, 1966. 312 p.

AIZERMAN, M.A., and others. [The method of potential functions in the problem of the reconstruction of characteristics of a functional transformation at randomly observed points] Metod potentsial'nykh funktsii v zadache o vosstanovlenii kharakteristik funktsional'nogo preobrazovaniia po sluchaino nabludаемым to-chkam. Moskva, 1964. 21 p. (Problemy razvitiia teorii vozmoghsnostei avtomatov, no. 3) (CSImor)

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut fiziologii. [Present-day problems of activity and structure of central nervous system] Sovremennyye problemy deiatel'nosti i stroeniia tsentral'noi nervnoi sistemy. Tbilisi, Metsnereka, No. 14. 1965. 233 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. [King of the jungle; the tiger, its distribution, abundance, ecology, practical significance, hunting] Vlyadka dzhunglei; tigr, ego raspredeleniye, chislennost', ekologiya, prakticheskoe znachenie, okhota na tigrov. Alma-Ata, Izd-vo Nauka Kazakhskoi SSR, 1966. 382 p. (Nauchno-populnarnaya seriia)

AKADEMIIA NAUK MOLDAVSKOI SSR, Institut prikladnoi fiziki. [Some problems in excitation theory] Nekotorye voprosy teorii ekstitonov. Kishinev, 1966. 76 p.

AKADEMIIA NAUK SSSR. [Space biology and medicine; medical and biological problems of space flight] Kosmicheskaya biologiya i meditsina; mediko-biologicheskie problemy kosmicheskikh polotov. 1964 red. V.I. Lazdovskogo. Moskva, Nauka, 1966. 461 p.

AKADEMIIA NAUK SSSR. [Works on helminthology] Raboty po gol'mintologii. Moskva, 1959. 415 p. (DNLN)

AKADEMIIA NAUK SSSR, Biblioteka. [Index of the principal Russian bibliographies and reference books on natural and physicomathematical sciences] Ukazatel' osnovnykh otechestvennykh bibliografi i upravleni-nykh izdani po estestvennym i fiziko-matematicheskim naukam. Leningrad, 1960. 306 p.

AKADEMIIA NAUK SSSR. Fundamental'naya biblioteka otechestvennykh nauk. [Scientific congresses, conferences and meetings in U.S.S.R., 1954-1960; bibliographical index] Nauchnye s'ezdy, konferentsii i soveshchaniia v SSSR, 1954-1960; bibliograficheski ukazatel'. Moskva, Nauka.

No. 2. [Mathematics, natural science, study of productive forces] Matematika, estestvoznaniye, izucheniye proizvoditel'nykh sil. 1963. 213 p.

AKADEMIIA NAUK SSSR, Institut istorii tekhnologii i tekhniki. [Use of electronic computers in research on history of science and technology] Primenenie elektronno-vychislitel'nykh ustroistv v issledovaniiakh po istorii nauki i tekhniki. Moskva, Nauka, 1966. 100 p.

AKADEMIIA NAUK SSSR, Institut tsitologii. [Manual of cytology in two volumes] Rukovodstvo po tsitologii v dvukh tomakh. Moskva, Nauka. Vol. 2. 1966. 673 p.

AKADEMIIA NAUK SSSR, Institut vysshei nerovnoi deiatel'nosti i neirofiziologii. [Studies on neuro-radioembryological effect] Issledovaniia netroradio-embriologicheskogo effekta. Moskva, Nauka, 1965. 245 p.

AKADEMIIA NAUK SSSR, Muzel M.V. Lomonosova. [The M.V. Lomonosov Museum in Leningrad; a guide-book] Muzel M.V. Lomonosova v Leningrad; [putevoditel'] Leningrad, Nauka, 1964. 71 p. (MIU)

AKADEMIIA NAUK SSSR. Nauchnyi sovet. [Biologicheskie osnovy ratsional'nogo ispol'zovaniia, preobrazovaniia i okhrany rastitel'nogo mira. (Products of the biosynthesis of higher fungi and their use) Produkty biosinteza vysshsikh grzyb i ikh ispol'zovanie. Moskva, Nauka, 1966. 134 p.

AKADEMIIA NAUK SSSR. Nauchnyi sovet po problemam "Biokhimiia zhivotnykh i cheloveka." [Problems of neurochemistry] Problemy neirokhemii. Moskva, Nauka, 1966. 222 p.

- AKADEMIYA NAUK SSSR. Nauchnyi sovet po probleme "Puti i zakonomernosti istoricheskogo razvitiia zhivotnykh i rastitelnykh organizmov." [Organism and the environment in the geological past] Organizm i sreda v geologicheskoi proshlom. Moskva, Nauka, 1966. 267 p.
- AKADEMIYA NAUK SSSR. Otdelenie obshchei biologii. [Migration of birds and mammals] Migratsii ptits i mlekopitaiushchikh. Moskva, Nauka, 1965. 150 p. (CU)
- AKADEMIYA NAUK URSS. Kiev. Institut matematiky. [Mathematical physics] Matematicheskaia fizika. Kiev, Naukova dumka, 1965. 150 p. (Respublikanskiy mezhvedomstvennyi sbornik) (NJP)
- ALABUZHEV, P. M., and L. M. MINKEVICH. [Fundamentals of similitude theory and modeling] Osnovy teorii podobii i modelirovaniia. Novosibirsk, Int. gornogo dela, 1965. 83 p.
- AL'PIN, L. M. [Field theory] Teoriia polia. Moskva, Nedra, 1960. 384 p.
- AVERIN, I. U. V., and I. M. GANIA. [Birds of prey of Moldavia and their role in nature and agriculture] Khishchnye ptitsy Moldavii i ikh rol' v prirode i sel'skom khoziaistve. Kishinev, Kartia moldovenaske, 1966. 102 p.
- BABKOV, I. I. [Climate] Klimat. Simferopol', Izd-vo "Krym," 1966. 64 p. (Priroda Kryma)
- BANNIKOV, A. G. [Through the reserves of the Soviet Union] Po zapovednikam Sovetskogo Soюза. Moskva, Mysl', 1966. 222 p. illus.
- BARASHKOV, G. K. [Algae of Murmansk Coast] Vodorosli Murmana. [Murmansk] Murmanekoe knizhnoe izd-vo, 1965. 79 p.
- BARKALOV, I. M. [Radiation and polymers] Radiatsiia i polimery. Moskva, Znaniie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. XI Seriya; Khimiia, no. 7)
- BATUMSKII BOTANICHESKII SAD. [Batumi Botanical Garden; a guide] Batumskii botanicheskii sad; putevoditel'. Tbilisi, Metanoreba, 1966. 106 p.
- BELIAEV, G. M. [Bottom fauna in extreme (ultra-abysal) depths of world ocean] Dnnaia fauna rabot'shikh glubin (ul'traabysal) Mirovoi okeana. Moskva, Nauka, 1966. 246 p.
- BEZHANOVA, M. M., and A. P. MERENKOV. [Linear section printing program (LUCH)] Programma pechatii lineinykh uchastkov (LUCH). [Novosibirsk] Redaktsionno-izdatel'skii otdel SO AN SSSR, 1964. 24 p.
- BIRNBOIM, S. M., L. P. BOIKOVA, and N. B. BURCHINSKAIA. [Concise manual of laboratory work in quantitative analysis; for students of medical institutes] Kratкое rukovodstvo k prakticheskim rabotam po kolichestvennomu analizu; dlia studentov meditsinskikh institutov. Kiev, Zdorov'ia, 1966. 134 p.
- BLOMBERG, ROLF. [Giant snakes and monstrous Pholids. Translated from the Swedish] Zmei-giganty i strashnye iashchery. Moskva, Znaniie, 1966. 82 p. (Novoe v zhizni, nauke, tekhnike. XIII Seriya; Nauka o zemle, no. 5)
- DOGDANOV, O. P. [Ecology of the reptiles of Central Asia] Ekologiya presmykalushchikhsia Srednei Azii. Tashkent, Izd-vo Nauka Uzbekskoi SSR, 1965. 257 p. (diagrams, maps, tables. (NNM))
- DOGUSH, A. A., and L. G. MOROZ. [Elementary particles] Elementarnye chastitsy. Minsk, Nauka i tekhnika, 1966. 201 p.
- BOHUSLAVSKYI, I. P., and A. I. CHEVRATIUK. [Written test problems in arithmetic for grades 5 and 6; a textbook for teachers] Kontrol'nye pismennyye raboty po arifmetike dlia 5-6 klassov; posobie dlia uchitelei. Kiev, Radians'ka shkola, 1966. 207 p.
- BROUNSHTEIN, B. I., and A. S. ZHELEZNIK. [Physicochemical principles of liquid extraction] Fiziko-khimicheskie osnovy zhidkostnoi ekstraktsii. Moskva, Khimiia, 1966. 317 p.
- BUKHGOL'TS, N. N. [Basic course in theoretical mechanics] Osnovnoi kurs teoreticheskoi mekhaniki. Izd. 4., perer. i dop. S. M. Targom. Moskva, Nauka. Pt. 2. [Dynamics of systems of material points] Dinamika sistemy materialnykh tocheek. 1966. 332 p.
- BUSEV, A. I., V. G. TIPTSOVA, and V. M. IVANOV. [Laboratory manual on the analytical chemistry of rare elements] Prakticheskoe rukovodstvo po analiticheskoi khimii redkikh elementov. Moskva, Khimiia, 1966. 400 p.
- [CHAIN REACTIONS AND THEIR ROLE IN SCIENCE AND TECHNOLOGY. Participants in the discussion: N. M. Emanuel' and others] Tsepnye reaktsii i ikh rol' v nauke i tekhnike. V besede uchastvuiut: N. M. Emanuel' i dr. Moskva, Znaniie, 1966. 62 p. (Resedy po aktual'nym problemam nauki. Novoe v zhizni, nauke, tekhnike. XI Seriya; Khimiia, no. 6)
- CHAYCHANDIDZE, V. V., and O. IA. GEL'MAN. [Modeling in science and technology; cybernetic aspects of modeling] Modelirovaniie v nauke i tekhnike; kiberneticheskie aspekty modelirovaniia. Moskva, Znaniie, 1966. 28 p. (Biblioteka "Filosofskie problemy tekhniki," no. 8)
- CHERNIKOV, N. A. [Lectures on Lobachevskii geometry and the theory of relativity; a special course held at Novosibirsk State University for students of the Physics Faculty] Lektzii po geometrii Lobachevskogo i teorii otноситel'nosti; spetskurs, prochtannyy v NGU v 1963/64 uchebnom godu dlia studentov fizicheskogo fakul'teta. Novosibirsk, Novosibirskii gos. univ. Pt. 1. 1965. 69 p.
- CHISTIAKOV, I. G. [Liquid crystals] Zhidkie kristally. Moskva, Nauka, 1966. 126 p.
- DOMSHLAK, M. P., ed. [Problems of general radiobiology] Voprosy obshchei radiobiologii. Moskva, Atomizdat, 1966. 303 p.
- DOROSHIKEVICH, A. M. [Dynamics; programmed textbook, Tasks 4-6] Dinamika; programirovannoe uchebnoe posobie. Bedy 4-6. Moskva, Mosk. poligr. in-t, 1965. 125-244 pp. (I. e., in 3 v.)
- ERSHOV, V. N., G. I. RASSOKHIN, and E. A. IANOV-SKII. [Capacity parametrons] Emkostnye parametry. Moskva, Vychislitel'nyi tsentr AN SSSR, 1966. 258 p. (Trudy Vychislitel'nogo tsentra)
- EVLADOV, B. V., and S. I. MOKSHIN. [The Golden Valley, Akademgorodok; reporting from the Novosibirsk science center] Zolotai dolina, Akademgorodok; reportazh iz Novosibirskogo nauchnogo tsentra. Moskva, Politizdat, 1966. 133 p. (Stranitsy istorii Sovetskoi Rodiny)
- FEDOROV, L. A. [Seasons] Vremena goda. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 125 p.
- FIALKOV, I. U. IA. [Nucleus - shot] Iadro - vystrel. Moskva, Detskaiia literatura, 1966. 173 p.
- [FLORA OF KRASNOYARSK TERRITORY] Flora krasnoyarskogo kraia. Novosibirsk, Nauka, Mos. 3, 6. 1965. 174 p. (I. e., in 1 v.)
- [FLORA OF SPORE-FORMING PLANTS OF U. S. S. R.] Flora sporovykh rastenii SSSR. Moskva, Nauka. Vol. 7. Glezer, Z. I. [Silicoflagellatophyceae] Kromevoe zhgulkovye vodorosli (Silicoflagellaty). 1966. 330 p.
- FRUNZE, UNIVERSITET. Biologicheskii fakul'tet. [Transactions] Trudy. Frunze, 1964. 84 p. (Seriia fiziologii cheloveka i zhivotnykh)
- GANTMAKHER, F. R. [Theory of matrices] Teoriia matrits. Izd. 2., dop. Moskva, Nauka, 1966. 570 p.
- GEL'FAND, I. M., and others. [Method of steepest descent in problems of X-ray structural analysis] Metod svyagov v zadachakh rentgenostrukturnogo analiza. Moskva, Nauka, 1966. 76 p.
- GERASIMOV, I. A. I., ed. [Course in physical chemistry] Kurs fizicheskoi khimii. [By] I. A. I. Gerasimov i dr. Moskva, Khimiia. Vol. 2. 1966. 655 p.
- GLEZER, V. D. [Mechanisms of identification of visual images] Mekhanizmy opoznaniia zritel'nykh obrazov. Moskva, Nauka, 1966. 203 p.
- GOL'DFARB, N. I., comp. [Tasks and problems in physics to assist persons enrolling in Moscow Engineering and Physical Institute] Sbornik zadach i voprosov po fizike v pomoshch' postupaushchim v Moskovskii inzhenerno-fizicheskii institut. Moskva, Mosk. inzhenerno-fizicheskii in-t, 1965. 175 p. [MICROFILM]
- GORSHKOV, G. V., and others. [Natural neutron background of the atmosphere and the earth's crust] Estestvennyi neitronnyi fon atmosfery i zemnoi kory. Moskva, Atomizdat, 1966. 409 p.
- GORUKHIN, V. M. [Computing and controlling machines of socialist countries] Vychislitel'naiia i upravliushchiiia tekhnika sotsialisticheskikh stran. Leningrad, 1966. 39 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Ekonomika, upravlenie i organizatsiia proizvodstva)
- GUREVICH, V. Z. [Hot light] Teplyi svet. Moskva, Nauka, 1965. 115 p. (Nauchno-populiarnaiia seriia)
- GUROV, K. P. [Fundamentals of kinetic theory; N. N. Bogolubov's method] Osnovaniia kineticheskoi teorii; metod N. N. Bogolubova. Moskva, Nauka, 1966. 351 p.
- GUSEV, G. G., and I. U. M. KAPUSTIN. [Tritium in organic chemistry] Tritii v organicheskoi khimii. Moskva, Atomizdat, 1966. 76 p.
- IAKOVKIN, M. V. [Computation tables; textbook for teachers] Vychislitel'nye tablitsy; posobie dlia uchitelei. Izd. 2., dop. Moskva, Prosveshchenie, 1966. 262 p.
- IARITSKII, A. G. [Theoretical mechanics] Teoreticheskaiia mekhanika. [Kiev, Tekhnika, 1965] 154 p. (Tekhnicheskaiia mekhanika; dlia shkol masterov)
- INTERNATIONAL SYMPOSIUM ON APPLICATIONS OF THE THEORY OF FUNCTIONS IN CONTINUUM MECHANICS, Tbilisi, 1963. [Applications of the theory of functions in the mechanics of a continuum; transactions of the International Symposium in Tbilisi, September 17-23, 1963] Prilozheniia teorii funktsii v mekhanike sploshnoi sredy; trudy Mezhdunarodnogo simpoziuma v Tbilisi, 17-23 sentyabria 1963 g. Pod red. N. I. Muskhelishvili, L. I. Sedova i G. K. Mikhailova. Moskva, Nauka, 1965. 2 v. (diagrams. [In Russian, English and French] (NNC))
- IUGAI, G. A. [Dialectics of part and whole in living nature] Dialektika chasti i tselogo v zhivoi prirode. Moskva, Znaniie, 1966. 31 p. (Biblioteka "Filosofskie problemy biologii." V pomoshch' zanimaiushchimsia v sisteme partinnoi ucheby)
- IVCHENKO, G. M., and O. D. KUSHMANOVA. [Laboratory manual on biological chemistry] Rukovodstvo k prakticheskim zaniatiim po biologicheskoi khimii. Pod red. L. F. Panchenko. Moskva, Meditsina, 1966. 291 p.
- KALININ, V. F. [Thermonuclear reactor of the future; the story of how scientists strive to master thermonuclear synthesis -- an inexhaustible source of energy] Termoladnyi reaktor budushchego; rasskaz o tom, kak uchenye stremiasia ovladet' termoladnymi sintezom - nelscherpaemym istochnikom energii. Moskva, Atomizdat, 1966. 204 p.
- KAPRANOV, V. D. [Laboratory manual for "Theoretical mechanics" course] Praktikum po kursu "Teoreticheskaiia mekhanika." Moskva, Vses. zaochnyy in-t tekstil'noi i legkol. promyshli. Pt. 2. [Kinematics] Kinematika. 1965. 207 p.
- KASHPROVSKII, V. E. [Determining location of thunderstorms by radio engineering methods] Opredeleniie mestopolozheniia groz radiotekhnicheskimi metodami. Moskva, Nauka, 1966. 247 p.
- KHIL'MI, G. F. [Principles of biosphere physics] Osnovy fiziki biosfery. Leningrad, Gidrometizdat, 1966. 298 p.

- KHRENOV, L.S. [Seven-place tables of trigonometric functions containing natural values of six trigonometric functions by steps of $10''$ from 0° to 360° and cotangent and cosecant values by steps of $1''$ from 0° to 10°] Semiznachnye tabitsy trigonometricheskikh funktsii, soderzhashchie natural'nye znacheniya shesti trigonometricheskikh funktsii cherez kazhdye $10''$ ot 0° do 360° i znacheniya kotangensov i kosekansov cherez $1''$ ot 0° do 10° . Izd. 2. Moskva, Gos. izd-vo tekhniko-teoreticheskoi lit-ry, 1956. 410 p.
- KIEV. UNIVERSITET. [Collection of postgraduate papers; physics and mathematics] Zbirnyk naukovykh prats' aspirantiv; fiziko-matematichnoi nauky. [Kyiv] 1953. 178 p.
- KIROV. PEDAGOGICHESKII INSTITUT IMENI V.I. LENINA. Fiziko-matematicheskii fakul'tet. [Transactions] Trudy. Kirov, 1964. 337 p.
- KONAREV, V.G. [Cytochemistry and histochemistry of plants] Tsiokhimiya i gistokhimiya rastenii. Moskva, Vysshaya shkola, 1966. 319 p.
- KOPTSIK, V.A. [Shubnikov groups; reference book on the symmetry and physical properties of crystalline structures] Shubnikovskie grupy; spravochnik po simmetrii i fizicheskim svoistvam kristallicheskikh struktur. Pod red. N.V. Belova. [Moskva] Izd-vo Mosk. univ., 1966. 723 p.
- KOROGODIN, V.I. [Problems of postirradiation repair] Problemy postradiatsionnogo vosstanovleniya. Poslesloviye N.V. Timofeeva Resovskogo. Moskva, Atomizdat, 1966. 390 p.
- KOVALEV, I.P., and E.V. TITOV. [Infrared absorption spectra of some groups of natural compounds; atlas of spectra] Infrazhnyye spektry pogloshcheniya nekotorykh grupp prirodnykh soedinenii; atlas spektrov. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1966. 201 p.
- KOZHUSHNER, M.A. [Ingenious experiments in nuclear physics; polarized nuclei] Tonkie eksperimenty iadernoi fiziki; polarizovannye iadra. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no. 13)
- KRINITSKII, N.A., G.A. MIRONOV, and G.D. FROLOV. [Programming] Programirovaniye. Izd. 2., perer. i dop. Moskva, Nauka, 1966. 699 p. (Spravochnaya matematicheskaya biblioteka)
- KRYLOV, V.I., and L.T. SHUL'GINA. [Reference book on numerical integration] Spravochnaya kniga po chislennomu integrirvaniyu. Moskva, Nauka, 1966. 370 p.
- KUKARKIN, B.V., and V.G. ASTAKHOVA. [Life of the stars and galaxies] Zhizn' yvezd i galaktik. Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauke, tekhnike. XII Seriya: Estestvoznaniye i rolgigia, no. 7)
- KUROEDOV, A.I. [Struggle of eminent scientists for materialism in biology] Bor'ba vydaishchikh uchennykh za materializm v biologii. [Moskva] Izd-vo Mosk. univ., 1966. 130 p.
- of physical atomism of
heskol atomistiki XX veka.
p.
- SMIRNOV. [Cybernetics
for teachers] Kibernetika
dlya uchitelei. Moskva, Pro-
Novoe v nauke
- formulating cubic formu-
Metod postroyeniya kuba-
tsenkami. Moskva, Akad.
lektronnye vychislitel'nye
- NKFURT, and A.M.
gol'ta, 1887-1894. Mo-
(Nauchno-biograficheskaya)
- ika. Moskva, Vysshaya
- LENINGRAD. GOSUDARSTVENNYI INSTITUT PRIKLADNOI KHIMII. [Collection of reports on scientific research studies in chemistry and technology of luminophors for 1963] Sbornik referatov nauchno-issledovatel'skikh rabot po khimii i tekhnologii luminoforov za 1963 god. Pod obshchey red. L.A. Markovskogo. Leningrad, 1964. 27 p.
- LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Mathematics; program and abstracts of papers delivered from April 14 to May 14, 1965] Matematika; programma i tezisy dokladov, 14 aprila-14 maya 1965 g. Leningrad, [1965] 37 p. (XVIII Gertsenovskie chteniya)
- LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Natural sciences; program of conference, abstracts of reports, April 14-May 5, 1965] Estestvoznaniye; programma konferentsii, tezisy dokladov, 4 aprila-5 maya 1965 g. Leningrad, [1965] 169 p. (XIX Gertsenovskie chteniya)
- LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Natural sciences and chemistry; program and abstracts of reports, April 12-May 11, 1965] Estestvoznaniye i khimiya; programma i tezisy dokladov, 12/IV-11/V 1965 g. Leningrad [1965] 126 p. (XVIII Gertsenovskie chteniya)
- LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Physics; program and abstracts of papers delivered from April 15 to May 13, 1965] Fizika; programma i kratkoe soderzhanie dokladov, 15 aprila-13 maya 1965 g. Leningrad, 1965. 90 p. (XVIII Gertsenovskie chteniya)
- LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A.I. GERTSENA. [Physics; program and abstracts of reports, April 15 to May 15, 1966] Fizika; programma i kratkoe soderzhanie dokladov, 15 aprila - 15 maya 1966 g. Leningrad [1966] 144 p. (XIX Gertsenovskie chteniya)
- LENINGRAD. INZHENERNO-STROITEL'NYI INSTITUT. Nauchnaya konferentsiya, 21. [Physics; reports] Fizika; doklady. Leningrad, 1963. 30 p.
- LENINGRAD. UNIVERSITET. [Nuclear magnetic resonance] Yadernyi magnitnyi rezonans. [Leningrad] Vol. 1. 1965. 1 v. (NJP)
- LEVIN, A.I., and A.V. POMOSOV. [Laboratory work in theoretical electrochemistry] Laboratornyi praktikum po teoreticheskoi elektrokhemii. Moskva, Metallurgiya, 1966. 204 p.
- LIKHOLETOV, I.I., and I.P. MATSKEVICH. [Textbook for solving problems in higher mathematics with the fundamentals of mathematical statistics and probability theory] Rukovodstvo k resheniyu zadach po vysshei matematike s osnovami matematicheskoi statistiki i teorii veroyatnostei. Minsk, Vysshaya shkola, 1966. 428 p.
- LINT, A., L. ROOTSMAN, and H. VEROMAN. [Arrival of birds of passage in Estonia during 1936-1940 and 1948-1966] Randlindude saabumine eestlasse, 1936-1940 ja 1948-1966. Tartu, Eesti NSV Teaduste Akadeemia, 1963. 153 p. [In Estonian] [Abika loodusevaatlajale, no. 50]
- LOSKUTOV, V.I. [Computer centers] Vychislitel'nye tsentry. Pod red. N.S. Vertlikhina. Moskva, Statistika, 1966. 286 p.
- MASHKOVITSEV, B.M., K.N. TSHIBZOV, and B.F. EME-LIN. [Theory of wave guides] Teoriya volnovodov. Moskva, Nauka, 1966. 350 p.
- MOISEEV, N.N., and A.A. PETROV. [Numerical methods of calculating the natural oscillations of a bounded liquid volume] Chislennyye metody rascheta sobstvennykh chastot kolebaniy ogranichenogo ob'ema zhidkosti. Moskva, VTs AN SSSR, 1966. 208 p. (Matematicheskie metody v dinamike kosmicheskikh apparatov, no. 3)
- MOSCOW. VTOROI MEDITSINSKII INSTITUT. [Morphological fundamentals of microcirculation] Morfologicheskie osnovy mikrotsirkulatsii. Pod red. V.V. Kupriyanova. Moskva, 1965. 177 p. (Ite; Trudy)
- NAUCHNAIA KONFERENTSIYA PO PROBLEME REGENERATSII I TRANSPLANTATSII ORGANOV I TKANEI. [Transactions of Scientific Conference on Problems of Regeneration and Transplantation of Organs and Tissues] Trudy. Pod red. B.P. Solopasya. [Zakaznoe izd. Gor'kii] Volgo-Vlatskoe knuzhnoe izd-vo, 1965. 318 p.
- NAUCHNAIA KONFERENTSIYA PO VOZRASTNOI MORFOLOGII, FIZIOLOGII I BIOKHIMII. 8th, 1963. [Transactions of the Sixth Scientific Conference on Age-Related Morphology, Physiology and Biochemistry, April 9-13, 1963] Trudy. Pod red. A.A. Markovskogo. Moskva, Prosveshchenie, 1965. 610 p.
- NAUCHNAIA KONFERENTSIYA PRIBALTISKIKH RESPUBLIK I BELORUSSII PO VOPROSAM ROSTA I RAZVITIYA VYSSHIKH RASTENII. Vilna, 1963. [General characteristics of growth and development of plants; reports] Obshchie zakonomernosti rosta i razvitiya rastenii; doklady. Vilnius, Mintis, 1965. 397 p.
- NAUCHNAIA KONFERENTSIYA PRIBALTISKIKH RESPUBLIK I BELORUSSII PO VOPROSAM ROSTA I RAZVITIYA VYSSHIKH RASTENII. Vilna, 1963. [Role of microelements in growth and development process in plants; reports] Rol' mikroelementov v protsesse rosta i razvitiya rastenii; doklady. Vilnius, Mintis, 1965. 128 p.
- NEFEDOV, B.L. [Methods for solving problems in geometrical optics] Metody resheniya zadach po vychislitel'noi optike. Moskva, Mashinostroenie, 1966. 262 p.
- NESTERIKHIN, I.U.E., and R.I. SOLOUKHIN. [Methods of high-velocity measurements in gas dynamics and plasma physics; special course for students of Novosibirsk State University] Metody skorostnykh izmerenii v gazodinamike i fizike plazmy; spetsialnyy kurs dlya studentov NGU. Novosibirsk, Novosibirskii gos. univ., 1965. 127 p.
- NEZLIN, R.S. [Biochemistry of antibodies] Biokhimiya antitel; Moskva, Nauka, 1966. 305 p.
- NIKITIN, S.A. [Tree and shrub vegetation in the deserts of the U.S.S.R.] Drevnaya i kustarnikovaia rastitel'nost' pustyn' SSSR. Moskva, Nauka, 1966. 253 p.
- OTRYGAN'EV, G.K. [Birth of a bird] Rozhdeniye ptitsy. Moskva, Kolos, 1966. 109 p.
- PALII, V.F. [Methodology of phenological and faunistic studies of insects] Metodika fenologicheskikh i faunisticheskikh issledovaniy nasokomykh. Frunze, In-t biologii, 1966. 176 p.
- PAVLENKO, S.M. [Problem of reactivity in the light of neurotrophic theory; lecture] Problema reaktivnosti v svete nervnotroficheskoi teorii; tekstil. [2. izd.] Moskva, 1-1 med. in-t, 1965. 51 p.
- PERESYPKIN, V.I. [Taking into account tidal level fluctuations in hydrographic investigations] Uchebnyy prikladnyy kurs na urovne pri gidrograficheskikh issledovaniyakh. Leningrad, Gidrometizdat, 1966. 187 p.
- POCHTAREV, V.I. [Magnetism of earth and cosmic space] Magnitizm Zemli i kosmicheskogo prostranstva. Moskva, Nauka, 1966. 142 p. (Nauchno-popularnaya seriya)
- POGOSIAN, KH.P. [Recent data on atmospheric research] Novoe v izucheni atmosfery. Moskva, Znanie, 1966. 50 p. (Novoe v zhizni, nauke, tekhnike. XIII Seriya: Nauka o zemle, no. 4)
- POKROVSKII, A.P., and E.V. SARINGULIAN. [Mathematical machines and programming] Matematicheskie mashiny i programmirovaniye. Moskva, Mosk. in-t radioelektroniki i gornoi elektroniki. No. 1. [Elements of computer techniques] Elementy vychislitel'noi tekhniki. 1965. 171 p. [MICROFILM]
- POSTNIKOV, A.V. [Physical laboratories for eight-year and secondary schools] Kabinet fiziki vos'miletnei i srednei shkoly. Moskva, Prosveshchenie, 1966. 94 p.
- PRIVALOV, I.I., and S.A. GAL'PERN. [Fundamentals of infinitesimal analysis; a self-teacher] Osnovy analiza beskonечно mal'kikh posobie dlya samosobrazovaniya. Izd. 4., ispr. Moskva, Nauka, 1966. 256 p.
- RAZUMOVSKII, V.G. [Constructive problems in physics in secondary schools] Tvorcheskie zadachi po fizike v srednei shkole. Moskva, Prosveshchenie, 1966. 152 p.
- REGIRER, E.I. [Profession of researcher in exact sciences] O professii issledovatelya v tochnykh naukakh. Moskva, Nauka, 1966. 165 p. (Nauchno-popularnaya seriya)

- IAZANOV, G.A. [Experiments and modeling electromagnetic fields] Opyty i modelirovaniye pri izucheniye elektromagnitnogo polya. Moskva, Nauka, 1988. 191 p.
[Supplement] Prilozhenie. p. 194-208.
- ROSOLOVSKII, V.IA. [Chemistry of anhydrous perchloric acid] Khimiya bezvodnoi khlornoi kisloty. Moskva, Nauka, 1988. 139 p.
- ROSSOLIMO, L.L. Baikai, Moskva, Nauka, 1986. 162 p. (Nauchno-popul'nar'naya seriya)
- ROSTOV-ON-DON, UNIVERSITET. [Essays on azole chemistry] Ocherki po khimii azolov. (Rostov-na-Donu) 1985. 104 p.
- RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Manual on the climate of the U.S.S.R.] Spravochnik po klimatu SSSR. Leningrad, Gidrometeoizdat.
- No. 1. [Archangel, Vologda Provinces, Karelian and Komi A.S.S.R.] Arkhangel'skaia i Vologodskaya oblasti, Kareli'skaia i Komi ASSR.
- Pl. 1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe silanie. 1965. 93 p.
- No. 2. [Murmansk Province] Murmanskaya oblast'. Pl. 1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe silanie. 1968. 59 p.
- No. 3. [Karelian A.S.S.R., Leningrad, Novgorod, and Pskov Provinces] Kareli'skaia ASSR, Leningradskaia, Novgorodskaya i Pskovskaya oblasti.
- Pl. 1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe silanie. 1966. 70 p.
- No. 4. [White Russian S.S.R.] Belorusskaya SSR. Pl. 1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe silanie. 1966. 65 p.
- Pl. 3. [Wind] Veter. 1980. 154 p.
- No. 8. [Yaroslavl Kalinin, Moscow, Vladimir, Smolensk, Kaluga, Ryazan, and Tula Provinces] Yaroslavskaya, Kalininskaya, Moskovskaya, Vladimirskaia, Smolenskaya, Kaluzhskaya, Riazanskaya i Tul'skaya oblasti.
- Pl. 3. [Wind] Veter. 1986. 161 p.
- No. 11. [Moldavian S.S.R.] Moldavskaya SSR. Pl. 1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe silanie. 1968. 42 p.
- Pl. 3. [Wind] Veter. 1966. 70 p.
- No. 19. [Kara-Kalpak A.S.S.R., Bukhara, Kashgaria, Surkhandarya, Samarkand, Syr Darya, Tashkent, Fergana, and Andizhan Provinces] Karakalpakskaya ASSR, Bukharskaya, Kashgarskaya, Surkhondaryn'skaya, Samarkandskaya, Syrdaryn'skaya, Tashkent'skaya, Ferganskaya, Andizhanskaya oblasti.
- Pl. 1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe silanie. 1968. 74 p.
- No. 20. [Tomsk, Novosibirsk, Kemerovo Provinces, and Altai Territory] Tomskaya, Novosibirskaya, Kemerovskaya oblasti i Altayskii kraj.
- Pl. 3. [Wind] Veter. 1966. 576 p.
- No. 28. [Tambov, Bryansk, Lipetsk, Orel, Kursk, Voronezh, and Belgorod Provinces] Tambovskaya, Bryanskaya, Lipetskaya, Orlovskaya, Kurskaya, Voronezhskaya i Belgorodskaya oblasti.
- Pl. 1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe silanie. 1968. 58 p.
- RYACHEV, L.A. [Mathematics and semantics; nominalism as an interpretation of mathematics] Matematika i semantika; nominalizm kak interpretatsiia matematiki. Kiev, Naukova dumka, 1986. 77 p.
- RZHEVSKII, BORIS. [Error of the king of the zoological gardens] Oshibka korol'ia zooparkov. (Moskva, Malyah, 1966) 95 p.
- SCIENTIFIC LECTURES IN MEMORY OF MIKHAIL GRIGOR'EVICH POPOV. Nauchnye chteniia pamiati Mikhaila Grigor'evicha Popova. Vostochno-Sibirskoe knizhnoe izd-vo. [n.p.] No. 4, 6/7. 1985. 85 p. [i.e. in 1 v.]
- SELESHNEV, S.I. [Total solar eclipse, February 15, 1961] Polnoe solnechnoe zatmenie, 15 fevralia 1961 goda. (Leningrad) Lentsdat, 1961. 74 p. (MIU)
- SERGEV, V.A. [Reproduction of animal viruses in a tissue culture] Razmnozheniye virusov zhivotnykh v kul'ture tkan. Moskva, Kolos, 1988. 310 p.
- SHASKOL'SKAIA, M.P. [Joliot-Curie] Zholiot-Kiuri, Moskva, Molodatskaia gvardiia, 1986. 206 p. (Zhizni zamechatel'nykh liudei. Seriya biografii, no. 1(261))
- SHEVELEVA, G.I. [Equilibrium of body under action of plane force system; methods manual] Ravnovesiye tela pod deystviem ploskoi sistemy sil; metodicheskoe posobie. Pod red. I.A. Isaeva. Moskva, Mosk. slankoinstrumental'nyi in-t, 1985. 29 p. [MICROFILM]
- SHKURKO, D.I. [Entertaining chemistry; interesting, safe, and simple chemical experiments] Zabavnaia khimiia; zanimatel'nye, bezopasnye i prostye khimicheskie opyty. Leningrad, Detalskaya lit-ra, 1986. 60 p. (Biblioteka pionera "Znai i umei")
- SIMPOZIUM PO PROBLEME "PROTOPLAZMATICHESKIE MEMBRANY I IKH FUNKSIONAL'NAIA ROL', " 1st, Kiev, 1984. [Protoplasmic membranes and their functional role; transactions of First Symposium on Problems of General Physiology] Protoplazmaticheskie membrany i ikh funktsional'naya rol'; trudy Pervogo Simpoziuma po voprosam obshchei fiziologii. Kiev, Naukova dumka, 1985. 255 p.
- SIMPOZIUM PRIBALTISKIKH MIKOLOGOV I LIKHENOLOGOV. 4th, Tartu, 1985. [Problems of mycology and lichenology] Problemy izucheniia gribov i lichainikov. Tartu, Akad. nauk Estonskoi SSR, 1985. 217 p. (MI)
- SLADKOV, N.I. [Underwater newspaper] Podvodnaya gazeta. Leningrad, Detalskaya literatura, 1986. 303 p.
- SLUPECKI, JERZY, and L. BORKOWSKI. [Elements of mathematical logic and theory of sets. Translated from the Polish] Elementy matematicheskoi logiki i teorii mnozhestv. Spetsred. I.N. Kovalenko. Moskva, Progress, 1985. 367 p.
- SOVESHCHANIYE PO GEOGRAFIYI RESURSOV VODOPLAVAL'NICHESKIIH PTITS V SSSR, 1985. [Geography of water birds in U.S.S.R., their stock, methods of breeding and efficient use; abstracts of reports] Geografiia resursov vodoplaival'shchikh ptits v SSSR, sostoiashche zapasov, puti ikh vospriizvodstva i pravil'nogo ispol'zovaniia; tezisy dokladov. Moskva, Mosk. ob-vo ispytatelei prirody. No. 1. 1985. 165 p. No. 2. 1985. 118 p.
- SOVESHCHANIYE PO PRIMENENIIU FIZICHESKIKH METODOV K ISSLEDOVANIIU KOMPLEKSNYKH SOEDINENII, 2d, 1985. [Abstracts of reports of 2d Conference on Application of Physical Methods for Study of Complex Compounds] Tezisy dokladov. Kishinov, Akad. nauk Moldavskoi SSR, 1985. 147 p.
- SOVESHCHANIYE PO PROBLEME "ZAKONOMERNOSTI VNUTRIVIDOVOI IZMENCHIVOSTI NAZEMNYKH POZVONOCNYKH ZHIVOTNYKH I MIKROEVOLIUTSII, " Sverdlovsk, 1984. [Intraspecific variability of terrestrial vertebrates and microevolution; transactions] Vnutrividovaya izmenchivost' nazemnykh pozvonochnykh zhivotnykh i mikroevoliutsiia; trudy Sverdlovsk. Akad. nauk SSSR, Ural'skii filial, In-t biologii, 1985. 373 p.
- [THERE WHERE SILENCE REIGNS; sketches on Crimean State Game Preserve] Tam, gde tsarit tiшина; ocherki o Krymskom gosudarstvennom zapovedno-okhotnich'em khoziaistve. Simferopol', Izd-vo "Krym," 1986. 84 p.
- TRICOMI, FRANCESCO GIACOMO. [Integral equations. Translated from the English] Integral'nye uravneniia. Pod red. I.N. Vekua. Moskva, Izd-vo inostr. lit-ry, 1980. 269 p. (CSI)
- TROSTNIKOV, V.N. [Differential equations in modern science] Differentsial'nye uravneniia v sovremennoi nauke. Moskva, Znaniye, 1988. 47 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiia, no. 1)
- TSATSKIS, V.I. [Meshcherskii's equation for dynamics of point with variable composition; lecture for students and post graduates of Novosibirsk Institute of Engineers of Railroad Transportation] Uravneniye Meshcherskogo dinamiki tochki pereemnogo sostava; lektsiia dlia studentov i aspirantov NIITZTA. Novosibirsk, Novosibirskii in-t inzhenerov zhelezn. transporta, 1985. 60 p. [MICROFILM]
- TULUB, A.V., and L.A. KHALFIN. [Superconductivity] Sverkhprovodimost'. Leningrad, Ob-vo "Znanie" RSFSR, 1986. 34 p.
- VASIL'KOV, B.P. [Edible pore-mushroom; a monograph on one species] Belyi grib; opyt monografi odnogo vida. Moskva, Nauka, 1988. 130 p.
- VLASOV, N.A. [Antimatter] Antiveshchestvo. Moskva, Atomizdat, 1986. 183 p.
- VSEKHSVIATSKII, S.K. [Physical characteristics of comets observed from 1954 to 1980] Fizicheskie kharakteristiki komet, nabludavshiesia v 1954-1980 gg. Moskva, Nauka, 1988. 86 p.
- VSESOUZNOE GIDROBIOLOGICHESKOE OBSHCHESTVO. [Hydrobiological study and fisheries of lakes in the Far North of the U.S.S.R.] Gidrobiologicheskoe izucheniie i rybohoziaistvennoe osvoenie ozer Krainego Severa SSSR. Moskva, Nauka, 1988. 168 p.
- VSESOUZNOE MEZHVIUZOVSKOE SOVESHCHANIYE PO PROBLEME "MIKROELEMENTY I ESTESTVENNAIA RADIOAKTIVNOST'. " [Abstracts of reports of All-Union Interuniversity Conference on Problem "Trace elements and natural radioactivity"] Tezisy dokladov. Petrozavodsk, Univ., 1985. No. 1. 280 p. Pl. 2. 272 p. Pl. 3. 226 p. Pl. 4. 128 p.
- VSESOUZNOE NAUCHNOE OBSHCHESTVO ANATOMOV, GISTOLOGOV I EMBRIOLOGOV. [Problems of the morphology of endocrine glands; a thematic collection of articles] Voprosy morfologii zhelez vnutrennei sekrecii; tematicheski sbornik. Pod red. A.I. Akavskogo i S.I. Terezy. Moskva, 1985. 121 p.
- VSESOUZNOE SOVESHCHANIYE PO FIZICHESKOI KHIMII RASPLAVLENNYKH SOLEI. 2d, Kiev, 1983. [Physical chemistry of fused salts; transactions] Fizicheskaya khimiia rasplavlennykh solei; trudy. Moskva, Metallurgiya, 1985. 354 p.
- VSESOUZNOE SOVESHCHANIYE PO TEPLO-I MASSOOB-MENU. [Heat and mass transfer] Teplo-i massopereenos. Pod obshch. red. A.V. Lykova i B.M. Smol'skogo. Minsk, Nauka i tekhnika. Vol. 1. [Convective heat transfer in homogeneous media] Konvektivnyi teploobmen v odnorodnoi srede. 1985. 315 p.
- VSESOUZNOE SOVESHCHANIYE PO VOPROSAM FIZIOLOGII VEGETATIVNOI NERVNOI SISTEMY I MOZGHECH-KA. [Reports of the All-Union Conference on Problems of the Physiology of the Vegetative Nervous System and Cerebellum] Sbornik dokladov soveshchaniia. Erevan, Armianskoe otd-nie Vses. ob-va fiziologov im. I. P. Pavlova. Vol. 1. 1961. 1 v. (CU)

14. MEDICINE

ADRIANOVA, N.V., and I.S. GUSHCHIN. [Bronchial asthma] Bronkhial'naya astma. Moskva, Znaniye, 1986. 31 p. (Narodnyi universitet: Fakul'tet zdorov'ia, no. 14)

ALMA-ATA. MEDITSINSKII INSTITUT. [Scientific conference summarizing research; abridged reports] Rozgovora nauchnaia konferentsiia; tezisy dokladov. Alma-Ata [195-?]. (ONLM)

AKADEMIIA NAUK SSSR. Ob'edinennyi nauchnyi sovet "Fiziologiya cheloveka i zhivotnykh." [Physiology and pathology of bilogenesis and secretion of bile; materials for the symposium held September 29-October 2, 1985, in Lvov] Fiziologiya i patologiia zhelechoobrazovaniia i zhelechovydeleniia; materialy k simpoziumu 29 sentyabrya-2 oktyabrya 1985 g., L'vov. Leningrad, 1985. 176 p.

BASKAKOV, V.P. [Endometriosis] Endometrioz. [Leningrad] Meditsina, 1986. 252 p. (ONLM)

BLINKIN, S.A. [Intrusion into the secrets of the microcosm] Vtorozheniye v tajny mikrokosmosa. Moskva, Znaniye, 1988. 83 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya: Biologiya i meditsina, no. 11)

[CURRENT PROBLEMS OF VIRUS INFECTIONS. . . Materials] Aktual'nye problemy virusnykh infektsii. . . Materialy. Moskva, 1985. 480 p. (Akademiia meditsinskikh nauk SSSR. Institut polioromitiia i virusnykh onkofallov. Nauchnaia sessiia. Tezisy i avtoreferaty dokladov, no. 12) (ONLM)

- DAVYDOVSKII, I. V. [Gerontology] Gerontologiya. Moskva, Meditsina, 1966. 299 p. (DNLM)
- DNEPROPETROVSKAYA MEZHOBlastnaya NAUCHNO-PRAKTICHESKAYA KONFERENTSIYA RENTGENOLOGOV I RADIOLOGOV. 1965. [Materials of the Dnepropetrovsk Interprovincial Scientific and Practical Conference of Roentgenologists and Radiologists, May 26-28, 1965; Materialy. Dnepropetrovsk, Promin', 1965. 159 p. (DNLM)]
- DYMSHITS, L. A., and M. B. CHUTKO. [Emergency ophthalmological aid] Neotlozhnaya oftalmologicheskaya pomoshch'. [Leningrad] Meditsina, 1966. 143 p. [Biblioteka prakticheskogo vracha] (DNLM)
- FRIDENSHTEIN, A. IA. [Experimental exoskeletal osteogenesis] Eksperimental'noe vneskeletnoe kosteobrazovanie. Moskva [Medgiz], 1963. 234 p. (DNLM)
- GAIDASH, G. IA., and A. V. EL'KINA. [Ust'-Kachka Health Resort] Kurort Ust'-Kachka. [n.p.] Perm'skoe knizhnoe izd-vo, 1965. 41 p. (DNLM)
- GANDZHA, I. M. [Prevention and treatment of atherosclerosis] Profilaktika i lechenie ateroskleroza. Kiev, Zdorov'ia, 1966. 104 p. (DNLM)
- GAUZE, G. F., ed. [Ristomycin and its clinical use] Ristomitsin i ego primeneniye v klinike. Moskva, Meditsina, 1965. 123 p. (DNLM)
- GONTSOV, I. A. [Bronchiectasis; diagnosis and treatment] Bronkhiekticheskaya bolezn'; diagnostika i lechenie. Kishinev, Kartia moldovenaske, 1966. 156 p. (DNLM)
- GORKIY, GOR'KOVSKI NAUCHNO-ISLEDOVATEL'SKII INSTITUT TRAVMATOLOGII I ORTOPEDI. [Prevention of traumas and treatment of traumas and their consequences; materials for a scientific conference] Profilaktika travmatizma i lechenie travm i ikh posledstviy; materialy k nauchnoi konferentsii. Gor'kii, 1964. 330 p. (DNLM)
- IANKELEVICH, E. I. [Exercise therapy in cardiac defects] Lechebnaya gimnastika pri porokakh serdtsa. [Moskva] Tsentral'no-nauchno-issledovatel'skiy sanitar'no-gigiyen'nyi nauchno-issledovatel'skiy tsentr. Nauchno-popul'naya seriya. (DNLM)
- IOIRISH, N. P. [Bees, the winged pharmacists] Pchely - krylatye farmatsevy, 2., dop. izd. Otv. red. V. N. Chernigovskii. Moskva, Nauka, 1966. 202 p. (Nauchno-popul'naya seriya) (DNLM)
- IRD, E. A. [Follicular cysts of the ovary and dysgonadotrophic tumors] Follikularnye kisty i tsistadenoma i disgonadotropnyye opukholi. [Leningrad] Meditsina, 1966. 118 p. (DNLM)
- IVANITSKAYA, M. A., and V. S. SAVEL'EV. [X-ray investigation of congenital heart disease] Rentgenologicheskoe issledovanie pri vrozhdennykh porokakh serdtsa. Moskva, Medgiz, 1960. 148 p. (ICU)
- KARAVANOV, G. G., and M. P. PAVLOVSKII. [Liver cirrhoses and their surgical treatment] Tsirozny pecheni i ikh khirurgicheskoe lechenie. Kiev, Zdorov'ia, 1966. 264 p. (DNLM)
- KAZAN, NAUCHNO-ISLEDOVATEL'SKII INSTITUT TRAVMATOLOGII I ORTOPEDI. [Prevention and treatment of lesions and diseases of the musculoskeletal apparatus. Some problems of neurosurgery. Materials of the report session of the Institute and its supporting branches of February 28-29, 1963] Profilaktika i lechenie travm i zabolevaniy oporno-dvigatel'nogo apparata. Nekotoryye voprosy neirokhirurgii. Materialy Itogovoi nauchnoi sessii Instituta i ego nauchno-opornykh punktov, 1963 g. Kazan', [1963] 295 p. (DNLM)
- KHALETSKII, A. M. [Pharmaceutical chemistry] Farmatsevticheskaya khimiya. [Leningrad] Meditsina, 1966. 761 p. (DNLM)
- KHOROSHEV, A. F. [It depends on you, as a human being] Eto ot tebya zavisit, cheviyevka. [Leningrad] Leningrad, 1965. 293 p. (Sovety vracham) (DNLM)
- KIEV, UKRAINSKII NAUCHNO-ISLEDOVATEL'SKII INSTITUT KLINICHESKOI MEDITSINY. [Rheumatism and its control; materials of republic scientific and practical conference, June 17-20, 1964] Revmatizm i bor'ba s nim; materialy respublikanskoi nauchno-prakticheskoi konferentsii 17-20 iyunia 1964 goda. Kiev, Zdorov'ia, 1964. 188 p. (DNLM)
- KIEV, UKRAINSKII NAUCHNO-ISLEDOVATEL'SKII INSTITUT TUBERKULEZA. [Problems of cutaneous tuberculosis] Voprosy tuberkuleza kozhi. Kiev, Gos. med. izd-vo USSR, 1964. 165 p. (DNLM)
- KLEMPARSKAYA, N. N., and G. A. SHAL'NOVA. [Symbiotic microbial flora as an indicator of radiation lesion of the body] Autoflora kak indikator raditsionnogo porazheniya organizma. Moskva, Meditsina, 1966. 206 p. (DNLM)
- KONFERENTSIYA PO PROBLEME PRIMENENIYA PRIMIDINOVYKH I PURINOVYKH PROIZVODNYKH V ONKOLOGII I DRUGIKH OBLASTI MEDITSINY, POSVIASHCHENNOI 80-LETIU SO DNIYA ROZHDE-NIYA PROF. A. A. KRUTOVSKOGO, 1966. [Materials of the Conference on the Problem of the Use of Pyrimidine and Purine Derivatives in Oncology and other Fields of Medicine, Dedicated to the 80th Anniversary of Professor A. A. Krutovskii's birth] Materialy. Pod obshchey red. N. V. Lazareva. Leningrad, In-t onkologii AMN SSSR, 1966. 125 p. (DNLM)
- KRIACHKO, I. A., ed. [Physical culture and the health of children and adolescents] Fizicheskaya kul'tura i zdorov'e detei i podrostkov. Moskva, Meditsina, 1966. 367 p. (DNLM)
- MAKAREVICH, N. I. [Biochemical studies in tick-borne encephalitis; methodological letter] Biokhimicheskie issledovaniya pri kleshchevom entsefalite; metodicheskoe pis'mo. Klubarovsk, Klubarovskii nauchno-issledovatel'skiy tsentr, 1966. 37 p. (DNLM)
- MAHMOUSHTEIN, S. IA., and E. E. ADARBANEL'. [Pulmonary electrokymography] Elektrokymografiya legkikh. Moskva, Meditsina, 1966. 193 p. (DNLM)
- MOSCOW, TSENTRAL'NYI INSTITUT USOVERSHENSTVOVANIYA VRACHEI. [Epidemiology of prophylaxis of infectious diseases; papers] Epidemiologiya i profilaktika infektsionnykh bolezney; sbornik trudov. Moskva, 1962. 271 p. (DNLM)
- MOSCOW (Province), OBLASTNOI NAUCHNO-ISLEDOVATEL'SKII KLINICHESKII INSTITUT. [Current problems of practical medicine; conference of young scientists, February 17, 1964] Aktual'nye voprosy prakticheskoi meditsiny; konferentsiya molodykh uchenykh, 17 fevralia 1964 goda. Moskva, 1964. 105 p. (DNLM)
- MUGINOVA, E. A. [Gymnastics and massage for infants] Gimnastika i massazh dlia detei rannogo vozrasta. Moskva, Meditsina, 1966. 42 p. [Biblioteka srednego medrabotnika] (DNLM)
- NIKITINA, E. V. [Some problems of medical ethics in light of moral code of builder of communism; essays for students of medical institutes] Nekotoryye voprosy vrachebnoi etiki v svete moral'nogo kodeksa stroitelstva kommunizma; ocherki dlia studentov meditsinskikh institutov. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1965. 90 p. (MICROFILM)
- OBLASTNAYA NAUCHNO-PRAKTICHESKAYA KONFERENTSIYA, POSVIASHCHENNAIA VIBRATSIONNOI, SHUMOVOI BOLEZNIAM I IKH PROFILAKTIKE V DONBASSE, 2d. Donetsk, 1964. [Summaries of the reports made to the Provincial Scientific and Practical Conference Devoted to Vibration Disease and Acoustic Trauma and to Their Prevention in the Donetsk Basin] Tozlyazh dokladov. Donetsk, Donetskii nauchno-issledovatel'skiy tsentr, 1964. 43 p. (DNLM)
- PETROV-MASLAKOV, M. A., ed. [Effect of complications of pregnancy and labor on the health of children during their first years of life] Vliyaniye oslozhnenii beremennosti i rodov na zdorov'ie detei pervykh let zhizni. [Leningrad] Meditsina, 1966. 265 p. (DNLM)
- RUSSIA (1923- U.S.S.R.). Tsentral'nyi gosudarstvennyi arkhiv Otkrytiy revoliutsii, vyimki iz organov gosudarstvennoi vlasti i organov gosudarstvennogo upravleniya SSSR. [Establishment and development of the public health system in the first years of Soviet power, 1917-1924; a collection of documents and materials] Stanovleniye i razvitiye zdoravookhraneniya v pervyye gody Sovetskoi vlasti 1917-1924 gg.; sbornik dokumentov i materialov. Redkollegiya: M. I. Baranovskaya, A. S. Dremov, A. P. Kuropatov. Moskva, Meditsina, 1966. 544 p.
- RYLOVA, M. L. [Methods of experimental investigation of the long-term action of harmful factors in the environment] Metody issledovaniya khronicheskogo deystviya vrednykh faktorov sredy v eksperimente. [Leningrad] Meditsina, 1964. 227 p. (DNLM)
- SAPOZHNIKOV, I. U. S. [Memories of a forensic medic] Vospominaniya sudbenogo medika. Kiev, Zdorov'ia, 1966. 349 p.
- SAIKISOV, D. S., and others. [Myocardial hypertrophy and its reversibility] Gipertrofiya miokarda i ee obratimost'. [Leningrad] Meditsina, 1966. 155 p. (DNLM)
- SHESTAKOV, S. V., and A. A. FEDOSHEV. [Role of cardiac therapy in the prevention and treatment of cardiovascular diseases] Rol' fizicheskoi kul'tury v profilaktike i lechenii serdечно-sosudistykh zabolevaniy. Moskva, Znaniye, 1966. 29 p. [Narodnyi universitet: Fakul'tet zdorov'ia, no. 9]
- SMAIKINA, M. G. [Toxoplasmosis] Tokoplazmoz. Moskva, Znaniye, 1966. 16 p. [Novoe v zhizni, nauka, tekhnika. VIII Seriya: Biologiya i meditsina, no. 12]
- STEPASHKINA, K. I. [Clinical interpretation of changes in blood proteins] Klinicheskoe tolkovaniye izmeneniy belkov krovi. Kiev, Gosmedizdat USSR, 1963. 204 p. (DNLM)
- STRAKOVSKAYA, V. I. [Exercise therapy for rheumatic children] Lechebnaya gimnastika dlia detei s revmatizmom. Moskva, In-t sanitarnogo protsa, 1965. 1 v. illus. (DNLM)
- STUDNITSIN, A. A., and B. G. STOIANOV. [Skin and venereal diseases] Kozhnye i venericheskoe bolezn'. Moskva, Meditsina, 1966. 235 p. (DNLM)
- TSAREGORODTSEV, G. I., ed. [Methodological problems of modern medicine] Metodicheskie problemy sovremennoi meditsiny. Moskva, Meditsina, 1965. 277 p. (DNLM)
- TSIRUL'SKII, B. IA. [To keep the nerves strong] Chto by nervy byli krepkimi. Moskva, Znaniye, 1966. 60 p. [Narodnyi universitet: Fakul'tet zdorov'ia, no. 12]
- VITTMAN, ISTVAN. [Laparoscopy. Translated from Hungarian] Laparoskopiya. Budapest, Izd-vo Akad. nauk Vengrii. 1966. 2 v. (DNLM)
- VSEOSOIUZNOE NAUCHNOE ISTOCHNO-MEDITSINSKOE OBSHCHESTVO. [Transactions of All-Union Historical Medical Society] Trudy. Moskva, Meditsina, 1966. 183 p.
- VSEOSOIUZNOE OBSHCHESTVO PATOFIZIOLOGOV. [The infectious process; its pathogenesis and experimental therapy] Infektsionnyi protsess; patogeneza, eksperimental'naya terapiya. Pod obshchey red. G. N. Kryzhanovskogo i V. V. Mikhalova. Moskva, Meditsina, 1966. 180 p. (DNLM)
- VSEOSOIUZNOE SOVESHCHANIE PO PSIKHOTERAPII, 2d. 1966. [Problems of psychotherapy; abstracts of reports] Voprosy psikhoterapii; avtoreferaty dokladov. Pod red. V. M. Banashchikova i M. S. Lebedinskogo. Moskva, Vses. ob-vo novopatsologov i psikiatrov, 1966. 237 p. (DNLM)

- VSESOUZNYI NAUCHNO-ISSEDOVATELSKII PROTI-VOCHUMNYI INSTITUT "MIKROB." [Bibliography of articles published in the periodical "Vestnik mikrobiologii, epidemiologii i parazitologii" during 1922-1940 (Saratov, vols. 1-10), and in "Sbornik nauchnykh trudov" dedicated to the 25th anniversary of the "Mikrob" Institute (Saratov, 1944). Bibliografiya stat' zhurnalov "Vestnik mikrobiologii, epidemiologii i parazitologii" za 1922-1940 gg. (Saratov t. 1-10) i "Sbornik nauchnykh trudov," posviashchennykh 25-letnomu iubil'eu instituta "Mikrob" (Saratov, 1944). Sost. E. F. Ramazanova. Saratov, 1965. 71 p.
- VSESOUZNYI S'VEZD NEVROPATOLOGOV I PSIKHIATROV. 4th, Moscow, 1963. [Transactions of the 4th All-Union Congress of Neuropathologists and Psychiatrists]. Trudy. Moskva, Vses. nauchn. med. ob-vo nevropatologov i psikiatrov.
- Vol. 7. Babatun, E. A., and others, eds. [Organization of psychoneurological aid]. Organizatsiya psikhonevrologicheskoi pomoshchi. 1965. 316 p. (DNLM)
- ## 15. AGRICULTURE
- AKADEMIA NAUK URSS. Kiev. [Trace elements in agriculture and medicine]. Mikroelementy v sel'skom khoziaistve i meditsine. Kiev, Naukova dumka, 1966. 239 p. (Respublikanskii mezhdunarodnyi sbornik)
- ALIAMOVSKII, N. I. [Liming fertilizers in the U.S.S.R.]. Izvestkiye udobreniya v SSSR. Pod red. A. V. Petrovskogo i S. G. Shcherbina. Moskva, Kolos, 1966. 255 p. (DNAL)
- ANDREEV, N. G. [Establishment of cultivated pastures and their use]. Sozdanie kul'turnykh pastbishch i ikh ispol'zovanie. Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauka, tekhnika. V Serii: Sel'skoe khoziaistvo, no. 11)
- ARNUSHKINA, E. V. [Studying turf-podzolic soils in field and laboratory; for identification purposes]. Issledovanie drevno-podzolistykh pochv v pole i v laboratorii; v diagnosticheskikh tselakh. [Moskva] Izd-vo Mosk. univ., 1966. 45 p.
- BAIKO, V. P. [Fall and pre-sowing tillage of the soil]. Osennaya i predposhevnaya obrabotka pochvy. Moskva, Rossel'khozizdat, 1966. 62 p. (DNAL)
- BELORUSSKII NAUCHNO-ISSEDOVATELSKII INSTITUT POCHVOVEDENIA. [Soil study and efficient use of land; collection of papers for 8th International Congress of Soil Scientists]. Pochvennye issledovaniia i ratsional'noe ispol'zovanie zemel'; sbornik nauchnykh stat'ei k VIII Mezhdunarodnomu kongressu pochvedov. Red. koll. I. S. Lupinovich i dr. Minsk, Urozhai, 1964. 277 p.
- CHUDAKOV, V. G. [Technology of wax; textbook for correspondence training of high-level specialists in bee culture]. Tekhnologiya voska; uchebnoe posobie dlia zaочноi podgotovki spetsialistov po pchelovodstvu vysshego kvalifikatsii. [Moskva] Mosk. rabochii, 1965. 73 p. (DNAL MICROFILM)
- [FISHERMEN OF SOVIET LITHUANIA] Rybaki sovetskoi Litvy. Vilnius, Mintis, 1965. 106 p.
- GOL'DMAN, R. I. A., and E. L. SASKOVETS. [Timiriazov Academy during the years of the Great Patriotic War]. Timiriazovskaya akademiya v gody Velikoi Otechestvennoi voyny. Moskva, Mosk. sel'khoz. akad. im. K. A. Timiriazova, 1965. 40 p.
- KATAR'IAN, T. G. [Grape variety and the quality of the harvest]. Sort vinnograda i kachestvo urozhaya. Simferopol', Krymizdat, 1963. 37 p. (Nauchnye dostizheniia - v proizvodstvo) (CU-A)
- KAZAN, UNIVERSITET. [Plant interrelationships in plant communities]. Vzaimootnosheniia rastenii v rastitel'nom soobshchestve. [Kazan'] 1964. 336 p. (DNAL)
- KIREJEVA, L. N., and O. H. POLIENKO. [Vegetables under films]. Ovochi pod pilykolu. Kharkiv, Prapor, 1966. 24 p. (Peredovyye dela) (DNAL)
- KOZLOV, V. P. [How to control erosion of soils]. Kak borot'sia s eroziiei pochv. Moskva, Znanie, 1966. 15 p. (Novoe v zhizni, nauka, tekhnika. V Serii: Sel'skoe khoziaistvo, no. 10)
- LAIMAN, E. M. [Course in fish diseases]. Kurs boleznei ryb. [3. izd.] Moskva, Vysshaya shkola, 1966. 330 p. (DNAL)
- LITINSKII, S. A. [Automatic devices on a tractor]. Avtomaty na traktore. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauka, tekhnika. V Serii: Sel'skoe khoziaistvo, no. 13)
- LUGOVSKOI, M. V., V. M. USAKOVSKII, and P. D. BORADACHEV. [Manual on the mechanization of the water supply of livestock farms]. Spravochnik po mekhanizatsii vodopostavleniya zhivotnovodcheskikh ferm. Moskva, Rossel'khozizdat, 1966. 250 p. (DNAL)
- MAKSIMOV, S. A. [Weather and agriculture]. Pogoda i sel'skoe khoziaistvo. Izd. 5., stereotipnoe. Leningrad, Gidrometeoizdat, 1965. 201 p. (DNAL)
- [MANUAL FOR AGRICULTURAL WORKERS] Rekasgrasata lauksaimniecibas darbiniekam. 2., parstradatis izdevums. Riga, Liesma, 1965. 630 p. [In Latvian] (DNAL)
- MEDVEDEV, I. D., S. S. LAPIDUS, and S. D. IAZLOVSKII. [Manual for the veterinary hygienist]. Pamiatka veterinarного sanitara. Moskva, Kolos, 1966. 30 p. (Veterinarnaya biblioteka zhivotnovoda) (DNAL)
- MOSCOW. GOSUDARSTVENNAIA PUBLICHNAIA NAUCHNO-TEKHICHESKAI BIBLIOTEKA SSSR. Bibliograficheski otdel. [Vegetation and plant resources of Western Siberia; a bibliography, 1909-1962]. Rastitel'nost' i rastitel'nye resursy Zapadnoi Sibiri; bibliografiia, 1909-1962 gg. Sost. T. A. Vorob'eva pri uchastii V. P. Sokolovoi i A. A. Konograi. Moskva, Nauka, 1964. 151 p.
- MOSCOW. TSENTRAL'NYI NAUCHNO-ISSEDOVATELSKII INSTITUT INFORMATSII I TEKHNIKO-EKONOMICHESKII ISSEDOVANI PO LESNOI, TSEL'NULOZNO-BUMAZINNOI, DEREVOOBRABATVAUSHCHEI PROMYSHLENNOSTI I LESNOMU KHOZIAISTVU. [Use recent developments in production]. Novoe - proizvodstvo. Moskva, 1965. 41 p. (Lesnoe khoziaistvo) (MICROFILM)
- MOSCOW. VSESOUZNYI NAUCHNO-ISSEDOVATELSKII INSTITUT ZHIVOTNOGO SYRIA I PUSHNIN. [Problems of hunting and trapping and fur farming; materials of a scientific conference... 8-12 April 1964]. Voprosy okhotnich'ego khoziaistva i zverovodstva; materialy nauchnoi konferentsii... 8-12 aprilia 1964 g. Moskva, Ekonomika, 1965. 350 p.
- MOVSEVANTS, A. P. [Utilization of meadows and pastures]. Ispol'zovanie senokosov i pastbishch. Moskva, Kolos, 1965. 276 p. (DNLM)
- PETROV, A. V., G. P. SOLOPOV, and N. K. SMOL'IANINOVA. [Best varieties of fruit, berries and grapes]. Luchshie sorta plodovo-lagodnykh kul'tur i vinnograda. Moskva, Rossel'khozizdat, 1965. 367 p. plates. (CU)
- PROTOPOPOVA, E. N. [New tree species in Siberia; introduction of new species in southern Krasnoyarsk Territory]. Novye drovesnye porody Sibiri; introduktsiia novykh porod na yugo Krasnoyarskogo kraia. Moskva, Nauka, 1966. 103 p. (DNAL)
- RUSSIA (1923- U.S.S.R.). Glavnoe upravlenie okhrany prirody, zhivotnykh i okhotnich'ego khoziaistva. [Problems of hunting industry in U.S.S.R.; materials for 7th Congress of International Association of Experts in Hunting Research]. Voprosy okhotnich'ego khoziaistva SSSR; materialy k VII kongressu Mezhdunarodnogo soюза nauchnykh rabotnikov po okhotovedeniю. Moskva, Kolos, 1965. 134 p.
- SABO, E. D. [New developments in forest drainage]. Novoe v lesosushenii. Moskva, Lesnaya promyshlennost', 1966. 198 p. (DNAL)
- SARATOV. INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. [Summaries of reports at March 1963 scientific conference]. Teziy dokladov na nauchnoi konferentsii, mart, 1963. Saratov, 1963. 137 p. (ICRL)
- SHCHERBA, L. M., and G. D. STAROVEROV. ["Oreanda" sails to the Atlantic]. "Oreanda" ukhodit v Atlantiku. Simferopol', "Krym," 1965. 21 p.
- SHUL'TS, R. S. [Helminths and helminthases of domestic animals]. Gel'minty i gel'mintozy sel'skokhoziaistvennykh zhivotnykh. Alma-Ata, Kaznar, 1964. 368 p. (DNAL)
- [SPRING WHEAT IN KHARKOV PROVINCE] Iara psheynyia na Kharkivshchyni. Kharkiv, Prapor, 1966. 22 p. (DNAL)
- SULTAMURATOV, M. [Development of carp culture in Central Asia and Kazakhstan and use of its experience in Kara-Kalpak A.S.S.R.]. Orta Azia khem Kazakstana karp khozalygyny rauazhtanyuy, olardyn tezihiribelerin Karaikalpakstan zhagalynda kotlanyu. Noks, Karaikalpakstan baspasy, 1964. 34 p. [In Karaikalpak]
- TAICHINOV, S. N. [Qualitative evaluation of soils; their classification]. Kachestvennaya otsenka pochvy; bonitirovka. Moskva, Rossel'khozizdat, 1966. 87 p.
- TERSKOV, I. A., and N. G. KOLOMIETS. [Light traps and their use in plant protection]. Svetovye lovushki i ikh ispol'zovanie v zashehtie rastenii. Moskva, Nauka, 1966. 144 p. (DNAL)
- ULADOVO-LIULINETSKAIA OPYTKO-SELEKTSIONNAIA STANTSIIA. [Ways of achieving high yields from sugar beet and pulse crops; research results for 1945-1960]. Puti polucheniia vysokikh urozhayev sakharnoi svedly i zernobobovykh kul'tur; itogi nauchnykh issledovani za 1945-1960 gg. Kiev, Gos. izd-vo sel'khoz. lit-ry Ukrainskoi SSR, 1963. 191 p. (ICRL)
- VAICYS, M. [Practices in mapping and classification of forest soils]. Opyt kartirovani i bonitirovki lesnykh pochv. Kaunas, Lietavil nauchno-issl. in-tesnogo khoz., 1965. 12 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)
- VINOGRADOV, K. A., M. SH. ROZENGURT, and D. M. TOLMAZIN. [Atlas of the hydrological characteristics of the northwestern part of the Black Sea; for fishing industry purposes]. Atlas gidrologicheskikh kharakteristik severo-zapadnoi chasti Chernogo mornia; v rybopromyslovnykh tselakh. Kiev, Naukova dumka, 1966. 13 p. 79 maps.
- VOROPAEV, V. I. [Quality of farm produce]. O kachestve sel'skokhoziaistvennoi produktii. Moskva, Znanie, 1966. 103 p. (Narodnyi universitet: Sel'skokhoziaistvennyi fakul'tet, no. 7)
- VSESOUZNOE OBSHCHESTVO POCHVOVEDOV. [Soil radioactivity and methods for its determination]. Radioaktivnost' pochv i metody ee opredeleniia. Moskva, Nauka, 1966. 256 p.
- ZABIROV, U., and S. ABZHANOV. [Enlarged sheep-herd brigades]. Ukpromnyye chatanskoe brigady. Moskva, Kolos, 1966. 87 p. (DNAL)
- ZAIANCHOVSKII, I. F. [Enemies of our enemies]. Vragi nashikh vragov. [Moskva] Molodaya gvardiia, 1966. 270 p. (Evrika) (DNAL)
- ZHUKOVA, G. S., B. A. PISAREV, and A. I. KUZNETSOV. [Cultivation practices for potatoes in basic zones of R.S.F.S.R.]. Agrotekhnika kartofelia v osnovnykh zonakh RSFSR. Moskva, Rossel'khozizdat, 1964. 185 p. (MIEM)
- ZONAL'NOE NAUCHNO-METODICHESKOE SOVE-SHCANIE SEL'SKOKHOZIAISTVENNYKH NAUCHNO-ISSEDOVATELSKIIKH UCHREZHDENII VOSTOCHNOI SIBIRI, Krasnoyarsk, 1965. [Materials of the Regional Scientific and Methodological Conference of the Agricultural Research Institutions of Eastern Siberia]. Materialy. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1965. 68 p. (DNAL)

16. TECHNOLOGY

- AGAKHIAN, T. M. [Electronic circuits and nonlinear pulse amplifiers] Elektronnyye khruchi i nelineinye impul'snye ustroystva. Moskva, Sovetskoe radio, 1966. 358 p.
- AIZINBUD, S. I. A., and others. [Polymers on North Caucasian Railroad] Polimery na S.-K. zh. d. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1965. 81 p.
- [MICROFILM]
- AKADEMIYA NAUK MOLDAVSKOI SSR. Otdel energeticheskoi kibernetiki. [Problems of control systems theory] Voprosy teorii upravlyayushchikh sistem. Kishinev, 1965. 114 p.
- AKADEMIYA NAUK SSSR. Kol'skii filial, Kirovsk. Gornometallurgicheskii institut. [Carbonate rocks of the Kola Peninsula as mineral raw materials] Karbonatnye porody Kol'skogo poluostrova kak mineral'noe syr'ye. Moskva, Nauka, 1966. 87 p.
- AKADEMIYA NAUK URSS, Kiev. [Geology and geochemistry of sulfur deposits in the cis-Carpathian region] Geologiya i geokhimiya sernykh mestorozhdenii Predkarpattia. Kiev, Naukova dumka, 1966. 101 p. (Respublikanskii mezhdunarodnyy sbornik. Seriya: "Geologiya i geokhimiya goruchikh iskopayemykh")
- AKADEMIYA NAUK URSS, Kiev. [Methods and apparatus for studying informational characteristics of electromagnetic fields in geophysics] Metody i apparatura dlya issledovaniya informatsionnykh kharakteristik elektromagnitnykh pol' v geofizike. Kiev [Naukova dumka] 1966. 202 p. (Respublikanskii mezhdunarodnyy sbornik. "Obzor i peredacha informatsii")
- AKADEMIYA NAUK URSS, Kiev. Institut problem materialoznavstva. [Energy dissipation in elastic systems due to vibrations] Rasseyaniye energii pri kolebaniyakh uprugikh sistem. Pod red. G. S. Pisarenko. Kiev, Naukova dumka, 1966. 303 p.
- AKADEMIYA STROITEL'STVA I ARHITEKTURY SSSR. [Safety techniques and industrial sanitation; a handbook] Ehistsudoode ohutustehnika ja tootervishoid; kasti-raamat, Tallinn, Eesti Riiklik Kirjastus, 1963. 308 p. [In Estonian] (DNLM)
- AKIMOVA, M. S., and E. F. DIKAREVA. [Use of laboratory bacterial starters in producing sour milk products] Primeneniye laboratornykh bakterial'nykh zakvasok pri proizvodstve kislomolochnykh produktov. Moskva, Pishchevala promyshlennost', 1965. 18 p. (Obmen peredovym opytom)
- AKOPOV, N. B. [Some problems of safe torpedo charging for oil well shooting] Nekotorye voprosy bezopasnogo snaryazheniya torped dlya torpedirovaniya skvazhin. Baku, Azerneshr, 1964. 19 p.
- ALEKSEEV, K. A. [Television watcher's handbook] Spravochnik televizitela. Kiev, Naukova dumka, 1966. 255 p.
- ALEKSEEV, V. N., and others. [Nonmetallic materials for motor vehicles and tractors] Aviotraktornye nemetallicheskie materialy. Moskva, Transport, 1966. 370 p.
- ALENN, M. P. [Efficient hobbing of stainless steels] Proizvoditel'noe zubofrezovanie zharoprochnykh staley. Leningrad, 1966. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Progressivnye metody obrabotki materialov)
- ALLAS, E. E., and A. N. MESHCHERIAKOV. [Bracing the foundation beds of hydraulic structures] Ukrepleniye osnovanii gidrotekhnicheskikh sooruzhenii. Izd. 2., perer. i dop. Pod red. V. S. Eristova. Moskva, Energiya, 1966. 115 p.
- ALTAKSKII TRAKTORNYI ZAVOD IM. M. I. KALININA. [Catalog of parts for the T-4 tractor] Katalog detalей traktora T-4. Moskva, Mashinostroyeniye, 1966. 138 p.
- ARSLANOV, M. Z. [Radio-receiving apparatus (short course); textbook for correspondence students majoring in radio engineering] Radiopriimnyye ustroystva (kratkii kurs); uchebnoe posobie dlya studentov-zaochnikov radiotekhnicheskikh spetsial'nostei. Gor'kii, Gor'kovskii politekhn. in-t, 1965. 273 p.
- [AUTOMATION OF MINE HOISTING EQUIPMENT] Avtomatizatsiya shakhtnykh pod'emnykh ustanovok. [By] L. G. Mel'nikov i dr. Moskva, Nedra, 1966. 230 p.
- AVETIKOV, A. L. [Ways of increasing reliability and durability of upholstered furniture] Puti povysheniya nadezhnosti i dolgozhechnosti miagkoi mebeli. Moskva, TsNITIEsprom, 1966. 41 p. (Mebel')
- BAGLAI, R. D. [Amplification of weak signals of arbitrary shape] Udiveniye slabykh signalov proizvol'noi formy. Novosibirsk, Nauka, 1965. 209 p.
- BATMANOV, G. V. [For Tambov television watchers] Tambovskim televiziteliam. [Tambov] Tambovskoe knizhnoe izd-vo, 1963. 62 p.
- BELEN'KH, N. G., L. B. POLONSKAYA, and N. N. CHAMIN. [Latest development in the production of enzymes and enzyme preparations from animal raw materials] Novoe v proizvodstve fermentov i fermentnykh preparatov iz zhivotnogo syr'ya. Moskva, TsNITIEsprom, 1966. 102 p.
- BELIAEV, B. I., ed. [Handbook for makers of steel structural elements] Spravochnik razmetchika stal'nykh konstruktsei. Izd. 2., perer. Moskva, Stroiizdat, 1966. 203 p. (Spravochnik po spetsial'nym rabotam)
- BELORUSSKII TEKNOLOGICHESKII INSTITUT IMENI S. M. KIROVA. [Series in mechanical woodworking] Seriya mekhanicheskoi tekhnologii drevessny. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniya BSSR, 1963. 72 p. (Iz: Sbornik nauchnykh rabot)
- BELOTSEKOVSKII, G. B. [Problems and calculations for course in "Fundamentals of radio engineering and antennas"] Zadachi i raschety po kursu "Osnovy radiotekhniki i anteny." Moskva, Mashinostroyeniye, 1966. 198 p.
- BELOV, G. V. [Installation of flexible bus conductors in power distribution systems] Oshhovka raspredelitel'nykh ustroystv gibkimi provodami. Moskva, Energiya, 1966. 103 p. (Biblioteka elektromontera, no. 106)
- BENDERKII, SH. K., E. S. KHUYEV, and E. D. CHERKAS-SKII. [Operation of grain elevators] Eksploatsatsiya elevatorno-skidskogo khoz'iatstva. Moskva, Kotos, 1965. 359 p.
- BENENSON, L. S., ed. [Antenna arrays; design and calculation methods] Antennnye reshetki; metody raschetov i proektirovaniya. Sost. L. S. Benenson i dr. Moskva, Sovetskoe radio, 1966. 387 p. (Obzor zarubezhnykh rabot)
- BEREZIN, N. T. [Modern technology of fish processing] Sovremennaya tekhnika obrabotki ryby. Moskva, Pishchevala promyshlennost', 1966. 277 p.
- BEZRUCHKO, I. I. [Characteristics of the induction heating of titanium alloys for hot working by pressure] Osobennosti induktsionnogo nagreva titanovykh splavov dlya goruchei obrabotki davleniem. Leningrad, 1966. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnye formoobrazovaniye)
- BIRUKOV, V. V. [Load lifting devices for piece freight] Gruzozaklyatnye prispособleniya dlya sbuchnykh gruzov. Moskva, TsNIEPI, 1965. 36 p. (Obzor inostrannykh izobretenii)
- BLOCHOWIAK, ZBIGNIEW. [Analysis of selection of optimum methods in construction with variable parameters. Translated from Polish] Analiz vybora optimal'nykh metodov v stroitel'stve pri peremennykh parametrokh. [Moskva] Stroiizdat, 1966. 85 p.
- BLOKH, A. SH. [Synthesis of switching circuits] Sintez pereklyuchatel'nykh skhem. Minsk, Nauka i tekhnika, 1966. 197 p.
- BOGDANOVA, M. V. [Chemical characteristics and genesis of brown coals of Kazakhstan] Khimicheskoe osobennosti i genezis bryukh uglei Kazakhstana. Moskva, Nauka, 1966. 104 p.
- BOIARSKII, V. A., and M. I. CHERTOK. [Mineral resources open to the sunlight] Nedra, obkrytye solntsu. Moskva, Nedra, 1966. 151 p.
- BOL'SHAKOV, I. G. [Industrial aesthetic and social environment] Tekhnicheskaya estetika i obshchestvennaya sreda. Moskva, Ob-vo "Znanie" RSFSR, 1963. 28 p. (Tekhnicheskaya estetika)
- BORISOV, A. L. [Organizations of the All-Union Society of inventors and innovators are fighters for the technological creativity of the masses] Organizatsiya VOIR - boritsya za massovoye tekhnicheskoe tvorchestvo. [Moskva] Profilzdat, 1964. 60 p. (Biblioteka profsotuznogo aktivista) (NIC)
- BORISOV, V. A., and others. [Laboratory manual on the mechanical technology of fibrous materials] Laboratornyi praktikum po mekhanicheskoi tekhnologii voloknistykh materialov. Moskva, Tekhnika, 1965. 568 p.
- BOTVINNIKOV, A. D. [Album of mechanical drawings for reading; a handbook for teachers] Album elektrozhelet dlya chitaniya; posobie dlya uchitelei. Moskva, Prosveshcheniye, 1966. 215 p.
- BRYSOV, A. I., M. M. GOLIKOV, and N. A. NAZAROVA. [Always the search] Vsegda - poisk. [Murmansk] Murmanskoe knizhnoe izd-vo, 1965. 50 p.
- BULGAKOV, B. S. [Efficient design of forged strikers] Ratsionalizatsiya kovochnykh bolkov. Leningrad, 1963. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnye formoobrazovaniye)
- BUNIMOVICH, D. Z. [Practical photography] Prakticheskaya fotografiya. Moskva, Iskusstvo, 1966. 302 p. (Inseri)
- BUNTEL'MAN, I. D., and others. [Apparatus and equipment for determining wool quality] Pribyry i oborudovaniye dlya opredeleniya kachestva shhersti. Moskva, Ekonomika, 1966. 89 p. (Biblioteka razrabotk zhitel'noy ekonomicheskikh produktov i syr'ya)
- BUTT, I. U. M., and K. K. KUATBAEV. [Longevity of autoclaved lime concrete] Dolgozhechnost' avtoklavnykh silikatnykh betonov. Moskva, Stroiizdat, 1966. 214 p.
- BYKHOVSKII, D. G. [Characteristics of using compressed nitrogen in gas-arc cutting] Osobennosti primeneniya tekhnicheskogo azota pri gazoelektricheskoi rezke. Leningrad, 1966. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnye formoobrazovaniye)
- BYKOV, V. I. [Technology and work planning of refrigerator-car points; lecture for engineering and technical worker correspondence course of Scientific Research Institute of Railroad Transport] Tekhnologiya i planirovaniye raboty t'opunktoy; lektsiya dlya zaochnykh kursov ITR pri NIIZhTe. Novosibirsk, Novosibirskii in-t inzhenerov zhel-dor. transporta, 1965. 30 p.
- [MICROFILM]
- [CALCULATIONS FOR STRENGTH, STIFFNESS, STABILITY AND VIBRATIONS] Raschety na prochnost', zhestkost', ustoiichivost' i kolebaniya. Moskva, Mashinostroyeniye, 1965. 180 p.
- CHEKMEYEV, N. M., I. A. KRIVOBOKOV, and M. V. CHEREDKOV. [CTC systems, their assembly and maintenance] Ustroystva StsB, ikh montazh i omderzhanie. Izd. 2., perer. i dop. Moskva, Transport, 1966. 455 p.
- CHULKOV, N. N. [Pulse transformer; textbook] Impul'snyi transformator; uchebnoe posobie. Pod redaktsiye red. I. G. Shakariana. Moskva, Mosk. in-t radioelektroniki i gornoi elektromekhaniki, 1963. 27 p.
- DAVIDENKO, V. K. [Designing woodwork and furniture] Konstruirovaniye stolarnoy mebeli i izdelii. Moskva, Lesnaya promyshlennost', 1966. 249 p.
- DERING, I. S. [Design of boiler units; manual for preparation of course project for students specializing in heat engineering, gas supply and ventilation] Proekt kotloagregata; uchebnoe posobie po kursovomu proektirovaniyu dlya spetsialistov TGSV. Krasnoyarsk, Krasnoyarskii politekhn. in-t, 1964. 64 p.
- [MICROFILM]
- DESHKO, I. I., M. B. KREMER, and G. S. BRYKHIN. [Crushing of materials in the cement industry] Izmel'cheniye materialov v tsementnoi promyshlennosti. Izd. 2. Moskva, Stroiizdat, 1966. 209 p.

- DYAKONOV, K. F., E. S. BOGDANOV, and G. N. KHARITONOV. [Analyzing the operation of high-temperature metallic lumber kilns] Analiz raboty vysokotemperaturnykh metallicheskh lesoosushil'nykh kamer. Leningrad, 1966. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Obmen pereboym proizvodstvennykh i nauchno-tekhnicheskikh opytom v derevobrabatываushchei promyshlennosti)
- DIKIL, B. F., and A. F. FAN-IUNG. [Automation of the canning industry] Avtomatizatsia konservirovaniya. Moskva, Plachchevaia promyshlennost', 1966. 340 p.
- [DIRECTIONS ON RELAY PROTECTION] Rukovodstvo shchite ukazaniya po relesnoi zashchite. Moskva, Energiya.
- No. 6. [Emergency arrangements for non-operation of 35 to 500 kw switches (compiled by the Energoset' proekt All-Union State Research and Design Institute)] Ustroistva rezervirovaniya pri otkaze vyklyuchatelei 35—500 kv (sostavleno Vsesoyuznym gosudarstvennym nauchno-issledovatel'skim i proektno-izyskatel'skim institutom Energoset' proekt). 1966. 47 p.
- [DOMESTIC ELECTRICAL DEVICES] Elektrobytovye pribory. Izd. otkryt'noe. Moskva, Izd-vo Standartov, 1966. 217 p. (SSSR. Gosudarstvennye standarty)
- [THE DONETS FLOWS ACROSS A MOUNTAIN RIDGE; the story of builders of the Northern Donets-Donets Basin Canal] Donets idet cherez kriazh; slovo o stroitel'nikh kanala Severnyi Donets-Donbass. [Statino] Statinskoe obi. Izd-vo, 1958. 270 p. (U)
- [DRAWING FOR FACULTIES OF LAND USE AND SURVEYING OF HIGHER AGRICULTURAL SCHOOLS] Cherenkie dlia zemleustroitel'nykh i geodezicheskikh fakul'tetov sel'skokhoziaistvennykh vuzov. [By] A. S. Shulotkin i dr. Moskva, Nedra, 1966. 183 p.
- DZHAFAROV, A. F., M. V. ANTONOV, and E. N. VOLKOV. [Commercial guide to vegetables and fruits] Tovarovedenie ovoshchei i plodov. Izd. 2., perer. i dop. Moskva, Ekonomika, 1966. 440 p.
- EGOROV, K. V. [Optimal and self-tuning automatic systems] Optimal'nye i samonastroyivayushchiesia sistemy avtomatiki. Cheboksary, Chuvashskizdat, 1965. 39 p.
- EDEL'MAN, E. I. A., SH. M. SAGALOVSKII, and V. I. KOROBCHANSKII. [Today and tomorrow of coal chemistry] Segodnia i zavtra uglekimi. Pod red. Kuznetsova, M. D. Donetsk, Donbass, 1964. 39 p.
- [EKA; encyclopedia of measurements, control, and automation] EKA; entsiklopediya izmerenii, kontrolya i avtomatizatsii. Moskva, Energiya, No. 6. 1966. 83 p.
- [ELECTRIC MEASURING INSTRUMENTS] Elektrozmeritel'nye pribory. Izd. otkryt'noe. Moskva, Izd-vo Standartov, 1966. 442 p. diagrs. insert. (SSSR. Gosudarstvennye standarty)
- EREMENOK, P. L., and V. L. KHASILEV. [Mechanization of the transportation of wall materials] Mekhanizatsia transportirovaniya stenovykh materialov. Odessa, Maifak, 1966. 74 p.
- ERMOLENKO, N. N., ed. [New developments in manufacture of quality and container glass] Novoe v proizvodstve sortovogo i tarного stekla. Minsk, In-t nauchno-tekhn. Informatsii i propagandy Gos. kom. na Boyela Ministrov BSSR po koordinatsii nauchno-issl. rabot, 1963. 70 p.
- ESIN, O. A., and P. V. GEL'D. [Physical chemistry of pyrometallurgical processes] Fizicheskaya khimiya pirometallurgicheskikh protsessov. Izd. 2., ispr. i dop. [Moskva] Metallurgiya.
- Pt. 2. [Interaction with the participation of alloys] Vzaimodel'stviya s uchastiem rasplavov. 1966. 702 p.
- EVGRAFOV, G. K., and N. N. BOGDANOV. [Design of bridges] Proektirovaniye mostov. Moskva, Transport, 1966. 603 p.
- EVTUKHIN, I. E., and M. I. SHEREMET. [Preparation of a motor vehicle for a trip and its maintenance en route] Podgotovka avtomobilya k reisu i obsluzhivanie ego v puti. Izd. 2., perer. i dop. Moskva, Voenizdat, 1966. 104 p.
- FEDCHENKO, I. K., and S. A. SOKOLOVSKII. [Measurement of the temperature of an electric arc] Izmerenie temperatury elektricheskoi dugi. Kiev, Tekhnika, 1966. 153 p.
- FEDORENKO, N. P., and I. T. LIVSHITS. [Multi-purpose plastic; polyvinyl chloride] Universa'nyi plastik; polivinilkhlorid. Moskva, Nauka, 1966. 117 p. (Nauchno-popul'naya seriya)
- FEDOROV, V. S., and V. G. BELIKOV, eds. [Practical calculations in boring] Prakticheskie raschety v bure-nii. [By] V. S. Fedorov i dr. Moskva, Nedra, 1966. 599 p.
- FEDOROVA, G. A. [Natural coloring matter in fruits and berries] Estestvennye krasiteli v plodovo-iagodnom syr'e. Moskva, TsINTIPishcheprom, 1965. 37 p. [MICROFILM]
- FETI, G. N. [Strength properties and resistance of coal seams subject to outbursts] Prochnostnye svoystva i ustoiichivost' vybrosopasnykh ugol'nykh plastov. Moskva, Nauka, 1966. 78 p.
- FEL'DMAN, D. I. ["Epokstitt" antifriction material] Antifriktsionnyi material "Epokstitt." Leningrad, 1966. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Plastmassy i ikh primeneniye v promyshlennosti)
- FERAPONTOV, G. V. [Operation of railroad approach tracks] Eksploataatsia zheleznodoroznykh pod'ezdnykh putei. Moskva, Transport, 1966. 301 p.
- FINKEL'SHTEIN, I. I., S. G. GORITSKII, and E. S. MORYGANOVA. [New machinery and technology in the cotton industry; spinning, weaving, finishing] Novaya tekhnika i tekhnologiya khlopchatobumazhnogo proizvodstva; pradenie, tkachestvo, otelka. Moskva, Legkaya Industriya, 1966. 302 p.
- FRENKEI', I. M. [Principles of heavy concrete technology] Osnovy tekhnologii tiazhelego betona. Moskva, Stroizdat, 1966. 147 p.
- FRIDENBERG, G. V. [Intensification of formation of cheese curd] Intensifikatsiya obrazovaniya syrnoy agustika. Moskva, TsINTIPishcheprom, 1965. 17 p. [MICROFILM]
- GALIL-OGLY, F. A., A. S. NOVIKOV, and Z. N. NUDEL'MAN. [Fluoroelastomers and rubbers based on them] Florkauchuki i reziny na ikh osnove. Moskva, Khimika, 1966. 234 p.
- GAL'PERIN, A. B. [Advanced working methods in painting; practice of F. S. Erokhin's URR-49 brigade of the "Lenotdelstroi-1" Trust of the Main Leningrad Construction Administration] Peredovye metody truda pri proizvodstve maliarnykh rabot; opyt brigady F. S. Eroshina - URR-49 tresta "Lenotdelstroi-1" Glavloningradstroia. Leningrad, 1966. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Stroitel'noe proizvodstvo)
- GAL'TSOV, V. A. [Equipment for fixed ventilation exhausts of machine tools of automatic lines in instrument industry] Oborudovanie dlia vstroennykh ventilatsionnykh otsovov metallobrabatываushchikh stankov avtomaticheskikh potochnykh lini priborostroitel'noi promyshlennosti. Moskva, Informatsionno-izdatel'skii sektor Nauchn.-issl. in-ta santimetro tekhn., 1962. 9 p. [MICROFILM]
- GARUSOV, T. V. [How we are mechanizing the processes of mold making and casting] Kak my mekhaniziruem protsessy formovki i plavki. [Leningrad] Lenizdat, 1965. 92 p. (Peredovoi opyt - vse'm!)
- GAVRILOV, A. K. [Liquid cooling systems for motor-vehicle and tractor engines; theory, design, construction and experimental studies] Sistemy zhidkostnogo okhlazhdeniya avtotraktornykh dvigatelei; teoriya, konstruktstsia, raschet i eksperimental'nye issledovaniya. Moskva, Mashinostroyeniye, 1966. 182 p.
- GEL'FAND, I. A. S., M. L. GOLUBEV, and M. I. TSAREV. [Relay protection and electric control using alternating operative current] Rolatnaya zashchita i elektroavtomatika na peremennom operativnom toke. Pod obshchey red. M. I. Tsareva. Moskva, Energiya, 1966. 287 p.
- GERASIMOV, V. V., ed. [Corrosion resistance of reactor materials; a handbook] Korrozionnaya stolkost' reaktornykh materialov; spravochnik [By] A. I. Gromova i dr. Moskva, Atomizdat, 1966. 504 p.
- GIBSHMAN, E. E., I. S. AKSEL'ROD, and M. E. GIBSHMAN. [Bridges] Mosty. Pod obshchey red. E. E. Gibshmana. Moskva, Transport, 1965. 430 p.
- GIK, L. D. [Acceleration measurement] Izmereniye uskorenii. Novosibirsk, Nauka, 1966. 122 p.
- GIMEL'SHEIN, L. I. A. [Electrician servicing automatic installations] Elektrolesar' po obsluzhivaniyu avtomaticheskikh ustanovok. Moskva, Nedra, 1966. 274 p.
- GINZBURG, S. K., M. P. ZAITSEV, and I. V. KHOLOPOV. [Ultrasonic spot welding of copper used in electrical engineering] Ul'trazvukovaya tochechnaya svarka elektrotekhnicheskoi med. Leningrad, 1966. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Progressivnoe formobrazovanie)
- GLADILIN, L. V., ed. [Insulation of underground electric mine installations and electric safety] Izolatsiya podzemnykh elektrostanoek shakht i elektrbezopasnost'. [By] L. V. Gladilin i dr. Moskva, Nedra, 1966. 261 p.
- GLADIKH, K. V. [Slags are not wastes, but valuable raw materials] Shlak - ne otkhody, a tsennoe syr'e. Moskva, Stroizdat, 1966. 112 p. (Nauchno-popul'naya seriya)
- GOLANT, SH. H. [Using synthetic materials in the repair of residential buildings] Primeneniye sinteticheskikh materialov pri remonte zhilykh zdani. Leningrad, Stroizdat, 1966. 119 p.
- GOLUBEV, M. L. [Straight action relay] Rele priamogo deystviya. Moskva, Energiya, 1966. 90 p. (Biblioteka elektronika, no. 200)
- GONCHAROV, G. I., and S. I. KUTKOVSKII. [Experience in the unification and standardization of electrodes for resistance welding in instrument manufacture] Opyt unifikatsii i normalizatsii elektrodov dlia kontaktov svarki v priborostroyeni. Leningrad, 1966. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnoe formobrazovanie)
- GONCHAROV, P. V., M. A. ONOPRIENKO, and A. T. TSYGANKOV. [Procurement, transportation, and storage of vegetables] Zagotovka, perovozka i khraneniye ovoshchei. Kishinev, Karita Moldovenaske, 1966. 62 p.
- GONK, A. A. [Hydrosulfuric acid corrosion and measures to prevent it] Serovodorodnaya korrozitsia i mery ee preduprezhdeniya. Moskva, Nedra, 1966. 174 p.
- GORN, D. I. [Automotive transportation of collective and state farms] Avtomobil'nyi transport kolhozov i sovkhov. Minsk, Urozhai, 1965. 119 p.
- GOROKHOV, L. N., and others. [Track apparatus and mechanisms] Putevye pribory i mekhanizmy. Pod red. N. A. Karpova. Moskva, Transport, 1966. 327 p.
- GORSHKOV, I. U. I., and L. T. BARANOVA. [Polymer materials in overhead contact systems] Polimernye materialy v kontaktnoi soti. Moskva, Transport, 1966. 120 p.
- GRIBOVSKII, P. O., and T. I. TERE'NT'YEVA. [Miniature ceramic condensers] Miniaturnye keramicheskie kondensatory. Moskva, Energiya, 1966. 142 p.
- GRISHIN, M. S. [Using electronic digital computers for calculating the through-pul capacity of railroad runs] Raschet na elektronnoi tsifrovoy vychislitel'noi mashine propusknoi sposobnosti peregonov zheleznykh dorog. Moskva, Transport, 1966. 39 p.
- GRIZODUBOV, N. I. [Evaluating the technological qualities of saturation juice] Otsenka tekhnologicheskikh svoystv saturatsionnogo soka. Moskva, TsINTIPishcheprom, 1966. 11 p.
- GUDUSHAURI, E. G. [Trajectories of five-link hinged mechanisms] Traektorii plintzvennykh sharnirnykh mekhanizmov. Tbilisi, Gos. izd-vo "Tsedna" M-va kul'tury Gruzinskoi SSR, 1963. 63 p. [MICROFILM]
- GUMELIA, A. N., and V. O. SHVARTSMAN. [Electrical characteristics of cable and overhead communication lines] Elektricheskie kharakteristiki kabe'lykh i vozdukhnykh lini svyazi. Moskva, Svyaz', 1966. 206 p.

- GUREVICH, B.G., and others. [Increasing wear resistance and service life of parts by electrolytic saturation with boron hydrides] Povyshenie iznosostoičnosti i sroka služby detalei putem elektroliznogo borirovaniia. Leningrad, Leningr. organizatsiia ob-va "Znanie" RSFSR, 1968. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seria: Uлучshenie kachestva, povyshenie nadezhnosti i dolgovechnosti mashin, priborov i drugih promyshlennykh izdelii)
- GUREVICH, E.S., and P.S. TENCHIKOV. [Mechanization of intrafactory conveying at the S. M. Kirov Thread Spinning Works] Mekhanizatsiia vnutrifabrichnogo transporta na Priidil'no-nitechnom kombinatno im. S. M. Kirova. Leningrad, 1966. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvenno-tekhnicheskii opyt. Seria: Mekhanizatsiia i avtomatizatsiia transportnykh i skladsikh rabot v promyshlennosti)
- GUTOROV, M.M. [Collection of problems on the fundamentals of lighting technology] Sbornik zadach po osnovam svetotekhniki. Moskva, Energiia, 1966. 176 p.
- GUTSEV, N.M. [Combined integral flow graphs in construction] Soyveshchennye integral'nye grafiiki dvizheniia materialov v stroitel'stve. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 23 p.
- IAKOVLEV, D.V. [Operation of electric locomotives and their servicing] Upravlenie elektrovozom i ego obsluzhivanie. Moskva, Transport, 1966. 323 p. (folia, diagrs. (insert))
- IAKOVITSEV, A.D. [Machining on planing and slotting machines] Rabota na stroitel'nykh i dolbeznykh stankakh. Moskva, Vysshiaia shkola, 1966. 287 p.
- ISAEV, K.S., ed. [Principles of the automation of transportation construction] Osnovy avtomatizatsii transportnogo stroitel'stva. [By] K.S. Isaev i dr. Moskva, Transport, 1966. 278 p.
- ISIDOROV, V.V., ed. [Handbook on production of synthetic porous aggregates] Spravochnik po proizvodstvu iskusstvennykh poristyykh zaporniteloi. Moskva, Stroizdat, 1966. 324 p. (Seria spravochnikov po stroitel'nykh materialam i izdoliim)
- ITKIN, M.E., and A.I. PUTYRSKII. [Atlas of kinematic systems of machine tools and their adjustment] Atlas kinematicheskikh skhem metalloobrabotnykh stankov i ikh nastroika. Kazan', Kazanskii aviatsonnyi in-t. [Pt. 2.] 1963. 380 p.
- IUDEEV, A.V. [Manufacture and assembly of industrial vinyl-plastic ventilation systems; corrosion protection of air ducts] Izgotovlenie i montazh sistem promyshlennoi ventilatsii iz vinplastia; antikorroziionnaia zashchita vozdukhovodov. Moskva, Stroizdat, 1966. 166 p. (Seria prakticheskikh posobi po povysheniiu mastersitva v promyshlennom stroitel'stve)
- IURCHENKO, I.U.F., and others. [Assembly and welding of stainless steel piping in nuclear engineering applications] Montazh i svarka truboprovodov iz korrozionnostoiokikh staeli v atomnoi promyshlennosti. Pod red. P.K. Georgievskogo. Moskva, Atomizdat, 1966. 250 p.
- IVANOVA, A.A. [New developments in the technology of making parts of light women's and children's dresses; practice of the Leningrad House of Models] Novoe v tekhnologii obrabotki uzlov legkogo zhenskogo i detskogo plat'ia; opyt raboty Leningradskogo Doma modeli. Leningrad, 1966. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. (Seria: Obmen peredovymi proizvodstvennymi i nauchno-tekhnicheskimi opytom v shvelnoi promyshlennosti))
- IVANOVSKII, K.E., ed. [Hoisting and conveying equipment; catalog and handbook] Pod'emno-transportnoe oborudovanie; katalog-spravochnik. Moskva, Nauchnotsni. in-t informatsii po tiazholomu energeticheskomu i transportnomu mashinostroeniui, 1964. 689 p. [MICROFILM]
- IVANOV, ENERGETICHESKII INSTITUT, [Improvement and automation of industrial electric drives and electric units] Usovsheniivovanie i avtomatizatsiia promyshlennykh elektropriivodov i elektrostanoikov; tematicheskii sbornik. [Aroslavl', 1965. 126 p.
- IVANOVSKII, K.E., and A.S. BOLENSKII. [Reloading devices for piece freight conveyors] Pereruzhnoye ustroistva konveterov shuchnykh gruzov. Moskva, Mashinostroenie, 1966. 206 p.
- IVANSKII, G.B. [Mechanical sealing of joints of precast reinforced concrete elements using mortars and concrete mixes] Mekhanizirovaniia zadelka stikov sbornyykh zhelezobetonnykh konstruktivnykh rasvorom i betonnoi smes'iu. Moskva, Stroizdat, 1965. 38 p.
- KAGANOV, Z.G. [Continued fractions in electric engineering in two parts] Tsepnye drobi v elektrotehnike v dvukh chastyakh. Novosibirsk, Nauka. Pt. 1. [Resonances in electric catenary circuits] Rezonansy v elektricheskikh tsepnykh skhemakh. 1966. 109 p.
- KALINOVSKII, A.F. [Concrete-rolling mill] Betonoprokatnyi stan. Moskva, Znanie, 1966. 26 p. (Novoe v zhizni, nauke, tekhnike. IV Seria: Tekhnika, no. 11)
- KALMYKOV, V.G., and others. [Industrial transportation cars] Vagony promyshlennogo transporta. Moskva, Metallurgiya, 1966. 278 p.
- KAPUSTIN, I.I., and I.I. GALYNKER. [Automatic machines and lines in the clothing and shoe industries] Mashiny-avtomaty i avtomaticheskoe lini v shvelnoi i obuvnom proizvodstve. Moskva, Legkaia Industriia, 1966. 421 p.
- KARAMOV, Z.S., and A.F. FOMIN. [Elements and units of analog radiotelemetry systems] Elementy i uzly analogovykh radiotelemekhnicheskikh sistem. Moskva, Energiia, 1966. 352 p.
- KARASEV, K.I., and B.M. IABKO. [Silica and cement paints in building finishes in the city of Moscow] Silikatnye i tsementnye kraski v otdelke zdaniil g. Moskvy. Moskva, Stroizdat, 1966. 71 p.
- KARSH, N.A. [Semiconductor devices and their use in automatic and remote control installations of electric railroads] Poluprovodnikovye pribory i ikh primeneniie v ustroistvakh avtomatiki i telemekhaniki elektricheskikh zheleznykh dorog. Moskva, Transport, 1966. 159 p.
- KASATKIN, A.S. [Automatic transformation of signals of frequency transducers] Avtomaticheskai obrabotka signalov chistotnykh datchikov. Moskva, Energiia, 1966. 117 p. (Biblioteka po avtomatike, no. 171)
- KATAEVA, A.A., and others. [Methods of preparing the enzyme β -fructofuranosidase and its uses] Sposoby polucheniia fermenta β -fruktofuranozidazy i ego primeneniie. Moskva, TsINTIPishcheprom, 1966. 43 p.
- KHALANGOT, G.V. [Roof control by complete caving using caving supports in inclined seams] Upravlenie krovlei polnym obrusheniem s primeneniem posadochnykh stoev na naklonnykh plastinkh. Moskva, Nedra, 1966. 56 p.
- KHARKEVICH, A.D. [Calculation of number of connecting devices in case of inaccessible connections] Raschet chisla soedinitel'nykh ustroistv pri nepolnodostupnom vklucheni. Moskva, Red.-izd. otdel VZEIS, 1964. 39 p. [MICROFILM]
- KHARKEVICH, A.D. [Integral telephone network using pulse code modulation] Integral'nai telefonnai set' s primeneniem IKM. Moskva, Red.-izd. otdel VZEIS, 1965. 27 p.
- KHASAEV, O.I. [Transistorized voltage and frequency converters] Transistornye preobrazovateli napriazheniia i chastoty. Moskva, Nauka, 1966. 176 p.
- KHAZANOV, KH.S. [Calculating shock absorption of airplane; manual for course "Structural mechanics and strength analysis of airplane"] Raschet amortizatsii shassi samoleta; uchebnoe posobie po kursu "Stroitel'nai mekhanika i raschet amoleta na prochnost'". Kulyshev, Kulyshevskii aviatsonnyi in-t, 1964. 52 p. [MICROFILM]
- KHODZ'KO, A.S. [Work organization in cutter-loader worked longwalls; from practices in cutter-loader worked longwalls of Chelyabinsk coal basin] Organizatsiia truda v kombinirovnykh lavakh; iz opyta raboty kombinirovnykh lav Chelbinskogo ugi'nogo bassaina. Chelbinsk, Uzhno-Ural'skoe knizhnoe izd-vo, 1966. 89 p.
- KHORBENKO, I.G. [Ultrasonics in the machinery industry] Ul'trazvuk v mashinostroenii. Moskva, Mashinostroenie, 1966. 189 p.
- KISELEV, N.D. [Using the method of artificial ionization in purifying air from highly dispersed dust] Ochistka vozdukhia ot vysokodispersnoi pyli metodom iskusstvennoi ionizatsii. Moskva, Mashinostroenie, 1966. 69 p.
- KOKOULIN, V.R. [Devices for repairing E-505 — E-552 excavators] Prispособleniia pri remonte ekskavatorov E-505 — E-552. Moskva, Stroizdat, 1966. 57 p. (Obmen opytom)
- KOMARNITSKII, N.I. [Effect of rock weakness zones and surfaces on the stability of slopes] Vliianie zon i poverkhnostei oslableniia v porodakh na ustoiichivost' otkosov. Moskva, Nauka, 1966. 142 p.
- KOMINA, G.P. [Gas-fired air-heating furnace for drying buildings; using the mixture of combustion products of hydrocarbon gas and air] Gazovai vozdukhogrevatel'nai pech' dlia suskhi zdaniil; ispol'zovaniie smesi produktov sgoraniia uglevodorodnogo gaza s vozdukhom dlia suskhi zdaniil. Leningrad, 1966. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seria: Stroitel'noe proizvodstvo)
- KOPYSTANS'KYI, R.S. [Problem of fractured rocks in petroleum geology] Problema trishchynovatsosti porid u naftovii geologii. Kyiv, Naukova dumka, 1966. 157 p.
- KOROLEVA, N.S. [Technical microbiology of sour milk products] Tekhnicheskai mikrobiologiya kislomolochnykh produktov. Moskva, Pishchevaia promyshlennost', 1966. 247 p.
- KOSTERIN, E.V. [Foundation beds and foundations] Osnovaniia i fundamenti. Moskva, Vysshiaia shkola, 1966. 458 p.
- KOTOMINA, L.A., and V.F. TAZENKOVA. [Logarithmic diodes] Logarifmicheskhe diody. Moskva, Energiia, 1966. 87 p. (Biblioteka po avtomatike, no. 165)
- KOTOVICH, F.V. [Safety measures in carrying out operations in municipal gas systems] Tekhnika bezopasnosti pri proizvodstve rabot v gorodskoi gazovoi khoziaistvo. Moskva, Stroizdat, 1964. 73 p. [MICROFILM]
- KOVALEV, A.P., ed. [Steam generators] Parogeneratory. [By] A.P. Kovalev i dr. Moskva, Energiia, 1966. 446 p.
- KOZIN, N.I., ed. [Use of emulsions in the food industry] Primeneniie emul'sii v pishchevoi promyshlennosti. Moskva, Pishchevaia promyshlennost', 1966. 251 p.
- KRASNAIA B.I.A., A.A. KIRILLOVA, and L.P. ZIABKO. [Use of synthetic adhesives in the food industry] Primeneniie sinteticheskikh kleev v pishchevoi promyshlennosti. Moskva, TsINTIPishcheprom, 1966. 33 p.
- KREIZMAN, I.N., B.D. FEDORTSOV, and I.G. TSYBAEV. [Construction of experimental residential building in series ILG-502; practices of Leningrad State Trust for Organization of Construction Industry and Obukhovo Housing Construction Combine] Stroitel'stvo eksperimental'nogo doma serii ILG-502; opyt tresta "Leningradorgstroil" i Obukhovskogo domostroitel'nogo kombinata. Moskva, Stroizdat, 1964. 44 p. [MICROFILM]
- KRISHTAL, M.A., and I.L. MIRKIN. [Creep and failure of alloys] Polzuchest' i razrushenie splovov. Moskva, Metallurgiya, 1966. 190 p.
- KRIUKOV, D.K. [Improving the crushing equipment of mining and ore dressing enterprises] Usovsheniivovanie razmol'nogo oborudovaniia gornobogatitel'nykh predpriiatii. Moskva, Nedra, 1966. 173 p.
- KRYLOV, N.A., V.A. KALASHNIKOV, and A.M. POLISHCHUK. [Radio-engineering methods for controlling the quality of reinforced concrete] Radiotekhnicheskie metody kontroliia kachestva zhelezobeta. Pod obshei red. N.A. Krylova. Leningrad, Stroizdat, 1966. 376 p.
- KULAKOV, N.G., and A.P. MARCHEKNO. [Brief handbook for the sanitary engineering foreman] Kratki spravochnik mastera-santekhnika. Kiev, Budivel'nyk, 1966. 431 p.
- KULICHKHN, N.I., and B.I. VOZDVIZHENSII. [Exploratory boring] Razvedochnoe buroenie. Moskva, Nedra, 1966. 451 p.

- KUROV, P. E. [Overall mechanization of the processing of aluminum shavings] Kompleksnaya mekhanizatsiya pererabotki aluminiyevoy struzhki. Leningrad, 1966. 20 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Seriya: Mekhanizatsiya i avtomatizatsiya transportnykh i skladskiykh rabot v promyshlennosti)
- KUZNETSOV, N. F. [Countries are waiting for them] Zhdut ikh strany. [Moskva] Molodaya gvardiya, 1966. 110 p. chiefly illus. (Izvestiya shagat po planete)
- KVITKO, A. K., and A. G. GRISHANOV. [Drive mechanisms of mining and conveying machines] Mekhanizmy privodov gorno-transportnykh mashin. Moskva, Nedra, 1966. 179 p.
- LASHCHENKO, M. N. [Controlling stresses in metal structures] Regulirovaniye naprjazheniy v metallicheskikh konstruktsiyakh. Leningrad, Stroiizdat, 1966. 190 p.
- LEBEDEV, N. N. [Operation of electric installations in construction] Eksploataatsiya elektrostanoek na stroitel'stve. Izd. 3., perer. i dop. Moskva, Stroiizdat, 1966. 231 p.
- LEITES, Z. M., V. A. SYSOEVA, and B. I. IAROSHEV-SKII. [Method of determining the optimum capacity of a bunker for use in a shaftbottom with a drop-bottom car] Metodika ustanovleniya optimal'noi emkosti bunkera v ukoistvoimom dvore pri primenenii vagonov s otkryvatshechnymi dushchami. Moskva, In-t gornogo dela im. A. A. Skochnikova, 1965. 20 p.
- LELICHENKO, V. G., and N. L. BOCHKOVSKAYA. [Ventilated built-up roofs made from three-dimensional panels] Sovmestshchennyye vendliruyemye pokryt'ia iz ob'emnykh panelei. Kiev, Budel'nyk, 1966. 47 p.
- LESIN, G. A. [Maintenance of motor vehicles; manual for preparation of course projects] Tekhnicheskoe obsluzhivaniye avtomobilov; posobie po kursovomu proektirovaniyu. [L'viv] Izd-vo L'vovskogo univ., 1966. 162 p.
- LETICHEVSKII, I. M. [Calculating bent consumption and heat-engineering equipment in mechanized tunnels] Raschet teplopotrebleniya i teplopotrebitel'skoye oborudovaniye v mekhanicheskikh prachechnykh. Moskva, Stroiizdat, 1966. 123 p.
- LEVINSON, L. E. [Fundamentals of technical mechanics] Osnovy tekhnicheskoy mekhaniki. Izd. 4., perer. i dop. Pod red. A. E. Kobrin'skogo. Moskva, Vysshaya shkola, 1966. 359 p.
- LGALOV, K. I., S. I. KAFKAN, and G. M. VOL'FOVSKII. [Repair of brickwork and reinforcing equipment of coke ovens] Remont kladi i armiruyushchego oborudovaniya koksovyykh pechey. [Moskva] Metallurgiya, 1966. 328 p.
- LIASHENKO, I. V., and I. F. SAVENKO. [Intensification of mining and stopping operations] Intensifikatsiya prokhnicheskikh i oshlatsnykh rabot. Moskva, Nedra, 1966. 173 p.
- LIGERMAN, I. I. [Installation of the electrical equipment in industrial enterprises] Komponenty elektrooborudovaniya promyshlennykh predpriyatiy. Moskva, Energiya, 1966. 107 p.
- LUKSHIN, P. M., M. O. KANARENSTEIN, and V. P. SMIRNOV. [Work organization in deep exploratory boring; work experience of the "Tatneftegazrazvedka" Trust] Organizatsiya rabot po globokomu razvedochnomu buzdniyu; opyt raboty trusta Tatneftegazrazvedka. Moskva, Nedra, 1966. 147 p.
- LIVSHITS, I. G., and A. V. POLIACHENKO. [Reconditioning motor-vehicle and tractor parts] Vostanovleniye avtomobilnykh detalей. Izd. 2., ispr. i dop. Moskva, Kolos, 1966. 478 p.
- LOSHAK, I. A., and others. [Radio central control service in construction; experience of Rostov Administration of Main North Caucasian Construction Trust] Radiodispatcherskaya svyaz' v stroitel'stve; opyt Rostovskogo upravleniya stroitel'stva Glavseystva stroia. Moskva, Stroiizdat, 1965. 23 p. (Novoostroitel'noi tekhniki SSSR)
- LUKASHIEV, K. I., and A. S. MAKHNACH. [Pripet depression, a mineral treasure of White Russia] Priplatskaya vpadina-sokrovishchitsa nedr Belorussii. Minsk, Nauka i tekhnika, 1966. 136 p.
- MAKEYEVA, NAUCHNO-ISSEDOVATEL'SKII INSTITUT PO BEZOPASNOSTI RABOT V GORNOI PROMYSHLENNOSTI. [Guide on the safe use of short-delay blasting in coal mines presenting a gas and dust hazard] Rukovodstvo po bezopasnomu primeneniyu korotkozamedlenogo vzryvaniya vugol'nykh shakhtakh, opasnykh po gazu ili pyli. 3. Izd. dop. Moskva, Nedra, 1966. 103 p.
- MARGOLIN, V. E., I. I. KAPUSTIN, and D. I. IL'INSKII. [Design of the semi-automatic movement guides in mechanisms for tightening shoes; manual] O proektirovani napravlinushchikh dvizheniya v mekhanizmach poluvavtomatov dlia zatjazhki obuvi; uchebnoe posobie. Moskva, Legkaya Industriya, 1965. 18 p.
- MERKUR'EV, G. D. [About fuel and lubrication for diesel locomotive teams] Teplovoznoi brigade o toplive i smazke. Moskva, Transport, 1966. 118 p.
- MERMAN, I. A. [Mechanisms and devices for installing supports] Mekhanizmy i priborobleniya dlia ustanovki opor. Moskva, Energiya, 1965. 70 p. (Biblioteka elektromontera, no. 198)
- MESHKOVSKII, K. A., and N. E. KIRILLOV. [Coding in communications technology] Kodirovaniye v tekhnike svyazi. [Moskva] Svyaz', 1966. 323 p.
- MEZHRES PUBLIKANSKAYA NAUCHNO-PROIZVODSTVENNAYA KONFERENTSIYA PO VOPROSAM ZEMLEUSLOISTVA, POCHOVOISSEDOVANIYA, I GEODEZII. Vilna, 1963. [Problems of land management, soil study, and surveying in Baltic republics and northwestern provinces of Russian Federation; materials] Voprosy zemleustroystva, pochovoisledovaniya i geodezii v Pribaltskikh respublikakh i severo-zapadnykh oblastakh Rossiiskoi Federatsii; materialy. Vilnius, Gazetno-zhurnal'noe izd-vo, 1965. 268 p.
- MIKHAILOV, P. [10,000 hours in the air; recollections of a flyer] 10 000 chasov v vozdukh; iz vospominaniy letchika. Moskva, Detskaya literatura, 1964. 280 p. (NN)
- MOKHNACHEV, I. G., and M. P. KUZ'MIN. [Volatile substances in food products] Letuchie veshchestva pishchevyykh produktov. Moskva, Pishchevaya promyshlennost', 1966. 101 p.
- MOSCOW, ENERGETICHESKII INSTITUT IM. G. M. KRIZHIZHANOVSKEGO. [Problems of electric power engineering] Problemy elektroenergetiki. Moskva, Nauka, 1966. 130 p.
- MOSCOW, GOSUDARSTVENNYI VSESOUZNYI NAUCHNO-ISSEDOVATEL'SKII TEKHNOLOGICHESKII INSTITUT REMONTA I EKSPLOATATSII MASHINNO-TRAKTORNOGO PARKA. [Specifications and instructions on flaw detection in parts and joints in repairing DT-54 and DT-54A tractors] Tekhnicheskie usloviya i ukazaniya po defektovke detalей i soplazhenii pri remonte traktorov DT-54 i DT-54A. Moskva, Bluro tekhn. informatsii GosNTI, 1964. 216 p. (Tipovaya tekhnologiya remonta traktorov) [MICROFILM]
- MOSCOW, INSTITUT GEOLOGII I RAZRABOTKI GORNUKH I EKSPAEMYKII. [Reservoir waters of producing horizons in Bukhara-Karsht oil- and gas-bearing province] Plastovyy vody produktivnykh gorizontov Bukhara-Karshtinskoi neftegazonosnoi oblasti. Moskva, Nauka, 1966. 142 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT BETONA I ZHELEZOBETONA. [Steel formwork for precast reinforced concrete; calculation, construction, testing] Stal'nye formy dlia sbornogo zhelezobetona; raschet, konstruirovaniye, lapytaniya. Pod red. V. V. Mikhailova. Moskva, Stroiizdat, 1966. 172 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT INFORMATSII PO STROITEL'NOMU, DOROZHному I KOMMUNAL'NOMU MASHINOSTROENIU. [Collection of abstracts of descriptions of inventions recommended for introduction into national economy of U.S.S.R.] Referativnyi sbornik opisaniy izobretenii, rekomendovannykh dlia vvedeniya v narodnoe khozaiastvo SSSR. Moskva, 1966. 82 p. (Seriya IV: Mekhanizirovannyy instrument i otlochnyye mashiny)
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT OSNOVANIY I PODZEMNYKH SOORUZHENII. [Translations of the conference on the problems of lowering ground water level] Trudy soveshchaniya po voprosam ponizheniya urovnya gruntovoy vod. Moskva, Stroiizdat, 1966. 141 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT SANITARNOI TEKHNIKI. [Handbook on designing heating and ventilation systems for motion-picture theaters] Rukovodstvo po proektirovaniyu otopleniya i ventilatsii kinoteatrov. Moskva, Stroiizdat, 1966. 64 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT SHINNOI PROMYSHLENNOSTI. [Regeneration and other methods for the processing of old rubber] Regeneratsiya i drugie metody pererabotki staroi reziny; sbornik statей. Pod red. V. E. Gulla, P. N. Orlovskogo i A. Shokhina. Moskva, Khimika, 1966. 138 p.
- MOSCOW, PUBLICHNAIA BIBLIOTEKA. [On air cushion; new vehicles. Review of recommended literature] Na vozdukhnoi podushke; novyye transportnyye mashiny. Rekomendatsii'nyi obzor literatury. Moskva, Kniga, 1966. 17 p. (Novoye v nauke i tekhnike, no. 14)
- MOSCOW, TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNIЧЕСKOI INFORMATSII LEGKOI PROMYSHLENNOSTI. [Machines for sewing synthetic fabrics] Mashiny dlia shivaniya sinteticheskikh tkaney. Moskva, 1966. 13 p. (Obzor)
- MOSCOW, TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNIЧЕСKOI INFORMATSII LEGKOI PROMYSHLENNOSTI. [Manufacture of woolen fabrics on the STD shuttleless looms] Vyrabotka sherstnykh tkaney na beschelnochnykh tatskikh stankakh STD. Moskva, TsINTI, 1965. 72 p.
- MOSCOW, TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNIЧЕСKOI INFORMATSII LEGKOI PROMYSHLENNOSTI. [Properties of semiwool combined dress fabrics] Svoystva polusherstnykh kombinirovannykh plat'evykh tkaney. Moskva, 1965. 30 p. (Obzor)
- MOSCOW, TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNIЧЕСKOI INFORMATSII LEGKOI PROMYSHLENNOSTI. [Work practices at Bryansk Worsted Combine in manufacturing products accepted on first delivery] Opyt raboty Bryanskogo kamvol'nogo kombinata po sdache produktov s pervogo pred'avyeniya. Moskva, TsINTI, 1966. 31 p. (Obzor)
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT INFORMATSII I TEKHNIKO-EKONOMICHESKII ISSEDOVANIY PO LESNOI, TSELIULOZNO-BUMAZHNOI, DEREVOBRABATYVAYUSHCHEI PROMYSHLENNOSTI I LESNOMU KHOZIASTVU. [Production of colliectant from hydrolysis lignin using oleum] Polucheniye kollaktivita iz gidroliznogo lignina s primeneniem oleuma. [By] G. Z. Akovenko, i dr. Moskva, 1965. 32 p. (Gidroliz i lesokhimiya) [MICROFILM]
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT INFORMATSII I TEKHNIKO-EKONOMICHESKII ISSEDOVANIY PO LESNOI, TSELIULOZNO-BUMAZHNOI, DEREVOBRABATYVAYUSHCHEI PROMYSHLENNOSTI I LESNOMU KHOZIASTVU. [Recent developments in plywood industry] Novoye v fanernoi promyshlennosti. Moskva, 1965. 45 p. (Derevobrabotka) [MICROFILM]
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT INFORMATSII I TEKHNIKO-EKONOMICHESKII ISSEDOVANIY PROMYSHLENNOSTI STROITEL'NYKH MATERIALOV. [Effect of additives of surface-active agents on finishing concretes and mortars; review] Vliyanie dobavok poverkhnostno-aktivnykh veshchestv na otlochnyye betony i rastvory; obzor. Moskva, 1965. 19 p. (Tekhnicheskaya informatsiya)
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT INFORMATSII I TEKHNIKO-EKONOMICHESKII ISSEDOVANIY PROMYSHLENNOSTI STROITEL'NYKH MATERIALOV. [Technology, properties, and use of stiff heat- and sound-insulating materials made of stag cotton with synthetic binders; a survey] Tekhnologiya, svoystva i primeneniye zheleznykh teploizolyatsionnykh mineralovatykh izdelii na sinteticheskikh svyazivushchikh; obzor. Moskva, 1965. 54 p. (Tekhnicheskaya informatsiya)
- MOSCOW, VSESOUZNYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT GEOFIZICHESKIIKH METODOV RAZVEDKI. [Album of graphs and nomograms on three-electrode laterlog] Albom paletok i nomogramov trekhlektrodnogo bokovogo karotazha. Pod red. N. N. Sokhranova. Moskva, Nedra, 1965. 35 l. [Text] 26 p.

- MOSCOW. VSESOUZNYI NAUCHNO-ISLEDOVATEL'SKII INSTITUT ORGANIZATSII, MEKHANIZATSII I TEKHNI-
CHESKOI POMOSHCHI STROITEL'STVU. [Methodo-
logical instructions on working out problems of safety
measures and industrial hygiene in plans of construc-
tion organization and carrying out of work] Metodiches-
kie ukazaniia po razrabotke voprosov tekhniki bezopas-
nosti i protyvozdnennoi sanitarii v proektakh orga-
nizatsii stroitel'stva i protyvozdnennoi rabot. Izd. 2., perer.
Moskva, Stroizdat, 1966. 55 p.
- MOSCOW. VSESOUZNYI NAUCHNO-ISLEDOVATEL'SKII
INSTITUT STROITEL'NOGO I DOROZHNOGO
MASHINOSTROENIIA. [Tower cranes; design, con-
struction and study (according to materials of coordi-
nation conference in 1963)] Bashonnye krany; kon-
struirovaniye, raschet i issledovaniya (po materialam
koordinatsionnogo soveshchaniya 1963 g.). Pod red.
I. A. Kogana. Moskva, 1965. 70 p. (Seriya 1: Stro-
itel'nye i dorozhnye mashiny)
- MOSIAGINA, M. S., and V. B. PREOBRAZHENSKII.
[Devices and means for automatic measurement of
length dimensions] Pribory i sredstva avtomatizatsii
izmereniya dlinnykh razmerov. Moskva, TsNIIPI,
1965. 34 p. (Obzor otechestvennykh i inostrannykh
izobretenii)
- [MICROFILM]
- MOSKVIN, G. N. [Operation of railroad water supply]
Eksploatsatsiya zheleznodorozhnogo vodosnabzheniya.
Izd. 3., perer. Moskva, Transport, 1966. 291 p.
- MOVSEYEV, A. A., and G. N. DZHALIL-ZADE. [Tech-
nology of deep well drilling] Tekhnologiya bureniya
glubokikh skvazhin. Moskva, Nedra, 1966. 165 p.
- MOZHAEV, D. V. [Machines and mechanisms at lumber-
ing camps] Mashiny i mekhanizmy na lesozagotovkakh.
Moskva, TsNIIPI, 1965. 53 p. (Obzor inostrannykh
izobretenii)
- [MICROFILM]
- MUNPOV, V. M. [Ergonomics and artistic design]
Ergonomika i khudozhestvennoye konstruirovaniye. Mo-
skva, Ob-vo "Znanie" RSFSR, 1966. 28 p. (Tekhnicheskaya estetika)
- NAIDIS, I. D., and I. F. SAMOKHIN. [Amateur photo-
grapher's companion] Sputnik fotolubitelia. Donetsk,
Donbass, 1966. 319 p.
- NARIZHNAIA, V. E. [Geochemistry of natural gases of
Central Asia; western Uzbekistan, Tajikistan, south-
ern part of Kirghizia, and eastern Turkmenia fields]
Geokhimiya prirodnykh gazov Srednei Azii; mesto-
rozhdeniye Zapadnogo Uzbekistana, Tadzhikistana, juga
Kirgizii i Vostochnoi Turkmenii. Leningrad, Nedra,
1965. 267 p. fold. charts.
- NAZAROVA, A. I. [Production of canned soups] Proiz-
vodstvo konservirovannykh pervykh obednykh blud.
Moskva, Pishchevaia promyshlennost', 1966. 169 p.
- NEIMAN, S. M. [Soviet-made continuous electrophoto-
graphic copying equipment] Elektrofotograficheskaya
kopiroval'naya apparatura nepreryvnogo deistviya
otchestvennogo proizvodstva. Leningrad, 1966. 30 p.
(Leningradskii dom nauchno-tekhnicheskoi propagan-
dy. Nauchno-tekhnicheskii opyt. Seriya: Uлучsheniye
kachestva, povysheniye nadozhimosti i dolgovechno-
sti mashin, priborov i drugikh promyshlennykh izde-
lii)
- NEVEL'SON, M. S. [High-speed reliability tests of pre-
cision instruments] Utkorennyye ispytaniya tekhnicheskikh
priborov na nadezhnost'. Leningrad, 1966. 30 p.
(Leningradskii dom nauchno-tekhnicheskoi propagan-
dy. Nauchno-tekhnicheskii opyt. Seriya: Uлучsheniye
kachestva, povysheniye nadozhimosti i dolgovechno-
sti mashin, priborov i drugikh promyshlennykh izde-
lii)
- NIKITIN, I. V., N. A. KOZULIN, and A. I. SHAPIRO.
[Principles of designing the operating conditions of
vacuum molding machines for the production of three-
dimensional objects made of sheet thermoplastics]
Osnovy rascheta tekhnologicheskikh rezhimov vakuum-
formovannykh mashin dlia proizvodstva ob'ektnykh
izdelii iz listovykh termoplastov. Leningrad, 1966.
30 p. (Leningradskii dom nauchno-tekhnicheskoi
propagandy. Nauchno-tekhnicheskii opyt. Seriya:
Plastmassy i ikh primeneniye v promyshlennosti)
- NOVOSIBIRSK. INSTITUT INZHENEROV GEODEZII,
AEROFOTOS'EMKI I KARTOGRAFI. [Summary of
lectures on geodesy for first year students of all spe-
cialties of Novosibirsk Institute of Engineers of Geode-
sy, Aerial Photography, and Cartography] Konspekt
lekttsii po geodezii dlia studentov pervogo kursa vseh
spetsial'nostei Novosibirskogo instituta inzhenerov
geodezii, aerofotos'emki i kartografii. Novosibirsk,
1965. 44 p.
- No. 1. [General information] Obshchie svedeniya.
1965. 44 p.
- No. 3. [Telemeters] Dal'nomeriye. 1965. 29 p.
- No. 4. [Surveying geodesic basis of topographic
surveys] S'emochnoe geodezicheskoe osnovaniye
topograficheskikh s'emok. 1965. 37 p.
- ODEL'SKII, E. KH. [Gas supply] Gazosnabzheniye.
Izd. 2., perer. Minak, Vysshaya shkola, 1966. 330 p.
- ORLOV, A. N., L. D. SHAPOSHNIKOV, and I. A. I. ER-
MAKOV. ["Press-and-blow" automatic glass forming
machines] Presso-vyduvnye stekloformulushchie
avtomaty. Moskva, Legkaya industriya, 1966. 224 p.
fold. diagr. (insert)
- OS'MININ, I. P. [Heat transmission; program, method-
ological instructions and test papers for students
specializing in heat engineering in correspondence
courses of institutions of higher education, faculties
and sections] Teploperedacha; programma, metodi-
cheskie ukazaniia i kontrol'nye zadaniia dlia studen-
tov teploekhnicheskikh spetsial'nostei zaочnykh vya-
shikh uchebnykh zavedenii, fakul'tetov, otdelenii.
Moskva, Vysshaya shkola, 1965. 77 p.
- [MICROFILM]
- OTRIASHENKOV, I. M. [ABC's of radio control of
models] Azbuka radioupravleniya modeliami. Mo-
skva, Delatsia literatura, 1965. 295 p. (Shkol'naya
biblioteka. Biblioteka pionera "Znai i umei")
- OVCHARENKO, N. I., and others. [Use of galvanomag-
netic elements in relay protection and automatic con-
trol] Primeneniye gal'vanomagnitnykh elementov v re-
l'eynoi zashchite i avtomatike. Moskva, Energiya,
1966. 119 p. (Biblioteka po avtomatike, no. 181)
- OVECHKIN, I. A., A. M. SAVCHENKO, and N. N. SMIR-
NOV. [Recommendations on the use of semiconductor
devices] Rekomendatsii po primeneniiu poluprovodni-
kovykh priborov. Moskva, DOSAAF, 1966. 74 p.
- PAKHOLKOV, V. D. [Statistics of geological prospect-
ing work] Statistika geologorazvedochnykh rabot.
Izd. 2., dop. Moskva, Nedra, 1966. 280 p.
- PANKRATOVA, N. M. [Chemical methods for control-
ling the vegetation on the railroad bed] Khimicheskie
sposoby bor'by s rastitel'nost'yu na zheleznodorozh-
nom polosne. Moskva, Transport, 1966. 64 p.
- PASTERNAK, P. L., ed. [Designing reinforced con-
crete structural elements; design examples] Proek-
tirovaniye zhelezobetonnykh konstrukttsii; primery
rascheta. [By] K. K. Antonov i dr. Moskva, Stroi-
izdat, 1966. 379 p.
- PAUS, K. F. [Technology and techniques of boring]
Tekhnologiya i tekhnika bureniya. Moskva, Univ.
druzhby narodov.
Pt. 1. [Drill bits. Drift pipe columns] Burovye
dolota. Kolonna buril'nykh trub. 1965. 151 p.
- PENKIN, N. F., I. E. DMITRENKO, and A. M. BRYLEEV.
[New systems and apparatus in CTC equipment] Novye
sistemy i pribory v ustroistvakh STsD. Moskva,
Transport, 1966. 121 p.
- PERLINA, E. K. [Function and shape of a manufactured
object] Funktsiya i forma izdelia. Moskva, Ob-vo
"Znanie" RSFSR, 1966. 30 p. (Tekhnicheskaya este-
tika)
- PEROVO, GOSUDARSTVENNYI VSESOUZNYI NAUCH-
NO-ISLEDOVATEL'SKII TEKHNOLOGICHESKII IN-
STITUT REMONTA I EKSPLOATATSII MASHINNO-
TRAKTORNOGO PARKA. [Album of technological
charts for dismantling, assembling, repairing and
regulating hydraulic devices of the DT-14B (DT-20),
T-28, T-39, T-40, MTZ-5M (MTZ-5L), MTZ-50,
DT-54A and T-74 (T-75) tractors] Albom tekhnologi-
cheskikh kart na razborku, sborku, remont i reguli-
rovku gidravlicheskikh ustroistv traktorov DT-14B
(DT-20), T-28, T-39, T-40, MTZ-5M (MTZ-5L),
MTZ-50, DT-54A i T-74 (T-75). Moskva, Biuro
tekhn. informatsii GOSNFTI, 1965. 410 p. (Tipovaya
tekhnologiya remonta traktorov)
- PETRAEV, A. A. [Safety manual for filters of process
piping] Panslatka po tekhnike bezopasnosti dlia rabo-
chikh montazhnikov tekhnologicheskikh truboprovodov
Izd. 2., dop. i per. Moskva, Stroizdat, 1966. 29 p.
(Tekhnika bezopasnosti v stroitel'stve)
- PETROVA, K. P., and E. P. IUSHEVICH. [Work practices
of Leningrad clothing enterprises in perfect production
output] Opyt raboty leningradskikh shveinykh pred-
priatii po bezdefektnomu vypusku produktov. Lening-
rad, 1966. 18 p. (Leningradskii dom nauchno-tekhnicheskoi
propagandy. Proizvodstvennyi opyt. Seriya: Osnovy
peredovym proizvodstvennym i nauchno-tekhnicheskim
opytom v shveinoi promyshlennosti)
- PETROVICII, N.
band common
a lecture deli
"Fundamental
lonnye kanaly
lektsiia po pr
zi." Moskva,
- PILINSKII, V. I.
tool grinding]
red. A. N. Re
knizhnye izd.
- PLAKSIN, I. N.
notation for
at the all-Uni
"Prospecta for
ferrovia, rare
especially fro
September 20
vleniya islede
i redkikh met
soveshchani
not notatsii r
nykh metallov
g. Simferopol
Moskva, Int
1965. 20 p.
- PLAKSIN, I. N.,
spectroscopy
mnerata] Inf
nykh sloov rea
1966. 190 p.
- PLOTKIN, S. I.
life and activit
19th century]
i delatel'nost'
Moskva, Nauk
cheskaya seriia
- PLYGACH, V. M.
for cars] Ma
kara. Moskva,
- POIDA, A. A.,
equipment of
oborudovaniye
461 p. fold. di
- POLUBOVARINOV
[Highly refract
materially; abo
1966. 223 p.
- POPILOV, L. I.
sonic cleaning]
zvukovoi oclis
gradokli dom n
Nauchno-tekhn
metody obrabot
- POTAP'EVSKII, A.
VAINERMAN.
alloya] Inpul's
spavov. Lenn
dom nauchno-
tekhnicheskii of
obrazovaniye]
- POTAPOV, V. M.
chemistry] Pra
khtnii. (Moskv
- PREOBRAZHENSK
station and op
practical manual
latsiia degazatsi
soble. Pod red.
1966. 127 p.
- [PRINCIPLES OF
ENDOGENETIC
SAYAN REGION
genoi metalloge
V. A. Kuznetsov
154 p.
- PUDIKOV, G. N.
stations for bul
sul'fatnykh shch
nost', 1966. 10
- PUSTOVALOV, V.
Toploprovodnost
gila, 1966. 83 p

- RAIKO, M.V. [Designing machine parts and units] Raschet detalей i uzlov mashin. Kiev, Tekhnika, 1963. 497 p.
- RAZIKOV, N.I., and I.A. TOLSTOV. [Handbook for the skilled worker in a hard facing department] Spravochnik mastera naplavochnogo uchastka. Moskva, Mashinostroyeniye, 1966. 200 p.
- REKACH, V.G. [Summaries of lectures on structural mechanics. In 2 parts] Konspekt lektsii po stroitel'noy mekhanike. [V 2 chastyakh, Izd. 2., 1961.] Moskva, Univ. družby narodov.
- Pt. 1. [Statically determinate systems] Staticheski opredelimeye sistemy. 1965. 102 p.
- [REMOTE CONTROL OF POWER SUPPLY SYSTEMS OF ELECTRICALLY OPERATED RAILROADS] Telesupravleniye ustroystvami energosnabzheniya na elektrifitsirovannykh zheleznnykh dorogakh. [By] T.E. Khelits i dr. Moskva, Transport, 1968. 214 p. (diagram). (insert)
- RESPUBLIKANSKOE SOVESHCHANIYE PO PRIMENENIYU REDKIKH METALLOV V PROMYSHLENNOSTI, Minsk, 1963. [Problems of use of rare metals in silicate industry; reports] Voprosy primeneniya redkikh metallov v silikatnoy promyshlennosti; (doklady). Pod red. N.N. Ermolenko. Minsk, Vysshaya shkola, 1964. 56 p.
- REZVIAKOV, A.V. [Automatic lines in wool spinning] Potochnye liniy v prikladnoy shernitse. Moskva, Legkaya industriya, 1966. 234 p.
- RIZKIN, I.KH. [Frequency multipliers and frequency dividers] Umnozhiteli i deliteli chastoty. Moskva, Svyaz', 1966. 205 p.
- RODSHTEIN, A.A., and I.S. SUDEREVSKII. [Standards and production quality] Standarty i kachestvo produktov. Leningrad, Ob-vo "Znanie" RSFSR, 1966. 33 p.
- ROKITSKAIA, E.E. [Basic sources of information on the achieved technical level of industrial production] Osnovnye istochniki informatsii o dostignutom tekhnicheskoy urovnio promyshlennogo produktivnogo. Leningrad, 1966. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Poredovoi opyt organizatsii nauchno-tekhnicheskoi propagandy i informatsii)
- RUSOV, V.A. [25th anniversary of the Fili motorbus-trolleybus unit] 25 let raboty fil'vevskogo avtobusno-troleibusnogo parka. Moskva, Stroiizdat, 1966. 135 p.
- RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie professional'no-tekhnicheskogo obrazovaniya. Respublikanskiy uchebno-metodicheskiy kabinet. [Raising qualifications of chemical industry workers] Povysheniye kvalifikatsii rabochikh khimicheskoi promyshlennosti. Moskva, Vysshaya shkola, 1965. 21 p. (Vsesoyuzniye pedagogicheskie tsentra po professional'no-tekhnicheskomu obrazovaniyu, no. 3) [MICROFILM]
- RUSSIA (1917- R.S.F.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. [All-Union Correspondence Engineering Construction Institute] Vsesoyuznyi zaochnyy inzhenerno-stroitel'nyi institut. Moskva, 1965. 6 p.
- RUSSIA (1917- R.S.F.S.R.) Upravlenie kommunal'noy energetiki. [Regulations on the operation of diesel electric power stations] Pravila tekhnicheskoi eksploatatsii dizel'nykh elektrostantsii. 3. izd., perer. i dop. Moskva, Stroiizdat, 1966. 231 p.
- RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie signalizatsii i svyazi. [Instructions on safety engineering for movement of trains during maintenance and repair of CTC systems (signal, centralization, and blocking systems)] Instrukttsiya po obespecheniyu bezopasnosti dvizheniya poezdov pri proizvodstve rabot po soderzhaniiu i remontu ustroystv StSB (signalizatsii, tsentralizatsii i blokirovki). Moskva, Transport, 1964. 65 p. [MICROFILM]
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Forestry and the industrial utilization of wood in the U.S.S.R.; reports for the 5th World Forestry Congress] Lesnoe khozaistvo i promyshlennoe potrebleniye drevesiny v SSSR; doklady k VI Miromu lesnomu kongressu. Moskva, Lesnaya promyshlennost', 1966. 616 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Stroiizdat.
- Pt. 2. Sec. I. Ch. 10. [Retaining walls of hydraulic structures; design specifications] Podpornyye steny gidrotekhnicheskikh sooruzhenii; normy proektirovaniya (SNIP II-1. 10-65). 1966. 30 p.
- Pt. 2. Sec. L. Ch. 17. [Hotels; design specifications] Gostinitsy; normy proektirovaniya (SNIP II-1. 17-65). 1966. 10 p.
- Pt. 4. [Estimates] Smetnye normy. Vol. 7, no. 2.
- Ch. 18. [Caissons and dug wells] Kossony i opusknyye kolodtzy.
- Ch. 39. [Wells] Skvazhiny. 1966. 50 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Provisional instructions on designing foundation beds and foundations for buildings constructed on swelling soils] Vremennyye ukazaniya po proektirovaniyu osnovanii i fundamentov zdaniy i sooruzhenii vozvodimyykh na nabukhaivshchikh gruntakh (SN 331-65). Moskva, Stroiizdat, 1966. 15 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform standards and estimates for mining operations in the building of underground and open-cut coal mines] Edinye normy i rasschety na gornopromyshlennyye raboty pri stroitel'stve ugot'nykh shakht i kar'erov. Moskva, Stroiizdat, 1966. 186 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Instructions 33-56 for the testing of milk measuring pails] Instrukttsiya 33-56 po poverke molokomerov. Izd. ofitsial'noe. [Moskva] Izd-vo Standartov, 1965. 10 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Instructions 187-60 on testing galvanometers] Instrukttsiya 187-60 po poverke galvanometrov. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 22 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Instructions 289-65 on testing the Ch 1-5 and Ch 5-2 calibrator-frequency meters] Instrukttsiya 289-65 po poverke kalibratov-chastotomeroch Ch 1-5 i Ch 5-2. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 14 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Load-lifting devices; design and specifications] Ustroystva gruzozakhatnye; konstrukttsiya i razmery (MN 6792-65 - MN 6799-65). Moskva, Izd-vo Standartov, 1966. 27 p. (SSSR. Normali mashinostroyeniya)
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Wire nails] Gvozdi provolochnye. (GOST 4032-63 - GOST 4030-63, GOST 4032-63 - GOST 4035-63 i GOST 283-63). Izd. ofitsial'noe. Moskva, [Izd-vo Standartov] 1965. 23 p. (SSSR. Gosudarstvennyye standarty)
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi proizvodstvennyi komitet po energetike i elektrifikatsii. [Upavleniye kndrov. Uchebno-metodicheskiy kabinet. [Methodological manual for teachers handling courses on improvement of qualifications of building site fitters] Uchebno-metodicheskoye posobie dlya prepodavatelei kursov povysheniya kvalifikatsii armaturnykh stroytel'noy ploshchadi. Moskva, 1965. 47 p. [MICROFILM]
- RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Wood screws] Shrupy. Izd. ofitsial'noe. [Moskva, Izd-vo Standartov, 1966] 18 p. (SSSR. Gosudarstvennyye standarty)
- RYNDICH, N.N. [Overall mechanized lines in the production of canned fish] Kompleksno-mekhanizirovannyye liniy proizvodstva rybnykh konservov. Moskva, Pishchevaya promyshlennost', 1966. 173 p.
- SAMODUROV, V.V. Keramzit. Moskva, Znanie, 1966. 20 p. (Novoye v zhizni, nauke, tekhnike. IV Seriya; Tekhnika, no. 12)
- SAPKO, A.I. [Mechanical equipment of electric steel smelting and iron alloy plants] Mekhanicheskoye oborudovaniye elektrostalopavil'nykh i ferrosplavnykh tsakhov. [Moskva] Metallurgiya, 1969. 220 p.
- SEMENSKII, E.P. [Technical analysis of penit] Tekhnicheskii analiz toria. Moskva, Nedra, 1966. 230 p.
- SEMINAR PO PNEVMATICHESKOY AVTOMATIKE, 6. sessiya, Baku, 1963. [Pneumatic control; materials] Pnevmoavtomatika; [materialy]. Moskva, Nauka, 1966. 261 p.
- SERGEVININ, I.V. [Theory of mechanisms and machines] Teoriya mekhanizmov i mashin. Moskva, Vses. zaochnyy in-t tekstil'noi i legkoi promyshli. Pt. 2. [Dynamics of mechanisms] Dinamika mekhanizmov. 1965. 182 p.
- SERIKOV, A.G., P.A. POLONSKII, and E.S. SAVENKOVA. [Linear structures of municipal telephone networks] Lineynyye sooruzheniya gorodskikh telefonnykh setei. Moskva, Vysshaya shkola, 1966. 319 p.
- SHASHIN, M.IA. [Evaluation of the efficiency of shot peening based on generalized parameters] Otsenka effektivnosti obrabotki drobiu na osnovye obobshchennykh parametrov. Leningrad, 1966. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Uchebnye kachestva, povysheniye nadezhnosti i dolgovechnosti mashin, priborov i drugikh promyshlennykh izdelii)
- SHATALOV, E.T., ed. [Using geochemical methods in metallogenetic investigations of ore-bearing regions; fundamentals of the metallogenetic study and compilation of metallogenetic and prognostic maps of ore-bearing regions] Primeneniye geokhimicheskikh metodov pri metallogenicheskikh issledovaniyakh rudnykh rayonov; osnovnyye printsipy metallogenicheskikh issledovaniy i sostavleniya metallogenicheskikh i prognosticheskikh kart rudnykh rayonov. [By] I.I. Ginzburg i dr. Moskva, Nedra, 1966. 295 p.
- SHATNEV, B.N. [Lighting engineering; manual for course of lectures on preparation of course and diploma projects] Stroitel'naya svetotekhnika; uchebnoye posobie po kursu lektsii dlya kursovogo i diplomnogo proektirovaniya. Moskva, Mosk. in-t inzhenerov zhelezn. transporta, 1965. 46 p. [MICROFILM]
- SHCHERBATENKO, V.V., and others. [Regulating the process of the preparation of dough; new methods in the study of dough] Regulirovaniye protsessov prigoivleniya testy; novyye skhemy testovedeniya. Moskva, TsINTPishcheprom, 1965. 94 p.
- SHCHUKIN, A.A. [Gases and furnaces in industrial plants] Gazovoye i pechnoye khozaistvo zavodov. Moskva, Energiya, 1966. 231 p.
- SHENBROT, I.M. [Machines for centralized control] Mashiny tsentralizovannogo kontrolya. Moskva, Energiya, 1966. 191 p. (Biblioteka po avtomatike, no. 187)
- SHMATOV, V.P. [100 tasks for skilled hands] 100 rabot dlya umelyykh ruk. [Moskva] Mosk. rabochii, 1966. 260 p.
- SHUMILOVSKII, N.N., G.G. IARMOL'CHUK, and V.P. GRABOVETSKII. [Method of eddy currents] Metod vikhrevykh tokov. Pod obshchey red. N.N. Shumilovskogo. Moskva, Energiya, 1966. 174 p. (Fizicheskiye i fiziko-khimicheskiye metody kontrolya sostava i svolestv veshchestva)
- SHVARTSMAN, V.O. [Mutual influences in communication cables] Vzaimnyye vliyaniya v kablakh aviazii. Moskva, Svyaz', 1966. 430 p.
- SIDOROV, A.A. [Gold-silver mineralization in central Chukotka Peninsula] Zoloto-serebrannoye ocydeneniye Tsentral'noi Chukotki. Moskva, Nauka, 1966. 144 p.
- SILIN, R.A., and V.P. SAZONOV. [Slow-wave systems] Zamedlennyye sistemy. [Moskva] Sovetskoye radio, 1966. 631 p.
- SMIRNOVA, R.S., and O.I. GUSAROVA. [Mechanical duplication of the patterns for women's light dresses] Tekhnicheskoye raznoobrazie lekai zhenskogo legkogo plat'ya. Leningrad, 1966. 46 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Obshchepredovyye proizvodstvennyye i nauchno-tekhnicheskii opytom v sverkhoy promyshlennosti)

- SMOLIAK, V.A., and V.N. UZLUK. [Automatic control and regulation of production using nuclear radiation] *Avtomaticheskii kontrol' i regulirovaniye proizvodstvennykh protsessov s primeneniem yadernykh izluchenií*. Moskva, Atomizdat, 1966. 141 p.
- SOKOLOV, A.V. [Mechanizing the information search in the reference and information collections of a local information unit] *Opyt mekhanizatsii informatsionnogo poiska v spravочно-informatsionnom fonde mestnogo organa informatsii*. Leningrad, 1966. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Peredovoi opyt organizatsii nauchno-tekhnicheskoi propagandy i informatsii)
- SOKOLOV, K.P. [Geophysical methods of prospecting] *Geofizicheskie metody razvedki*. Leningrad, Nedra, 1966. 463 p.
- SOKOLOV, S.D., V.N. RUDNEV, and I.G. MOCHENOV. [Inverter-rectifier aggregates of electrified railroads] *Invertorno-vypriamitel'nye agregaty elektrifitsirovannykh zheleznykh dorog*. Moskva, Transport, 1966. 130 p.
- SOLOMONOV, S.A., and N.S. TUBEROZOVA. [Color in industrial products] *Tsvet v promyshlennyykh izdeliyakh*. Leningrad, 1966. 43 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Biblioteka "Tekhnicheskaya estetika")
- SOVET EKONOMICHESKOI VZAIMOPOMOSHCHI. *Postolannaya komissiya po koordinatsii nauchnykh i tekhnicheskikh issledovanií*. [Overall mechanization and automation of procedures involving processing, searching, issuing, and long-distance transmission of scientific and technical information; transactions of the symposium, Moscow, June 1965] *Kompleksnaya mekhanizatsiya i avtomatizatsiya protsessov obrabotki, poiska, vydachi i peredachi na rasstolnie nauchno-tekhnicheskoi informatsii; trudy simpoziuma*. Moskva, izm. 1965. Moskva, 1966. 453 p.
- STRIZHEVSKII, N.Z. [Correction to arbitrary linear distortions in television broadcasting channels] *Korrektsiya proizvol'nykh lineynykh iskazhenii v traktakh televizionnogo veshehaníia*. Moskva, Sviaz', 1966. 77 p. (Novoe v tekhnike svyazi)
- SUNIAGIN, G.F. [Theoretical fundamentals of industrial aesthetics] *Teoreticheskie osnovy tekhnicheskoi estetiki*. Leningrad, 1966. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Biblioteka "Tekhnicheskaya estetika")
- SURNA, J., and others. [Synthetic glues] *Sintetiskas limes*. Riga, Liesma, 1965. 88 p. [In Latvian]
- TARAS'YANTS, R.B. [Certain problems of petroleum supply] *Nekotorye voprosy nefteknabzheníia; uchebnoe posobie*. Moskva, Mosk. in-t narodnogo khoz., 1965. 85 p.
- [MICROFILM]
- [TECHNICAL MECHANICS] *Tekhnicheskaya mekhanika*. [4. izd., perer.] Leningrad, Sudostroenie. Pt. 1. Movnin, M.S., and A.B. Izraelit. [Theoretical mechanics] *Teoreticheskaya mekhanika*. 1966. 359 p. Pt. 2. Mitinskii, A.N., M.S. Movnin, and A.B. Izraelit. [Strength of materials] *Soprotivleniye materialov*. 1966. 363 p.
- [TEXTILE FABRICS; testing methods] *Tkani tekstil'nye; metody ispytanií*. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 185 p. (SSSR. Gosudarstvennyye standarty)
- TIJAZHELOV, N.N. [Calculating three-hinged arches; home-work manual] *Raschet trekhslannnykh ark; uchebnoe posobie dlia vypolneniia domashnei raboty. Pod obshchego red. V.A. Kiseleva*. Moskva, Vysshaya shkola, 1965. 22 p.
- [MICROFILM]
- TITKOV, N.I., and A.N. KUKIN. [Combined studies of lost-circulation horizons in well drilling] *Kompleksnye issledovaniya pogloshchayushchikh gorizontov pri burenii skvazhin*. Moskva, Nedra, 1966. 157 p. fold. diagr. (insert)
- TKACHENKO, L.A., and V.I. PEREPLETCHIKOV. [Installation of industrial equipment in coal preparation plants] *Montazh tekhnologicheskogo oborudovaniia ugleobogatitel'nykh fabrik*. Moskva, Nedra, 1966. 274 p.
- TKACHEV, R.I.A. [Production of whole canned tomatoes] *Proizvodstvo tsel'nekonservirovannykh tomatov*. Moskva, Pishchevaia promyshlennost', 1965. 79 p.
- TOPCHIEV, A.V., and V.I. SOLOD. [Calculating the performance of shoring machine units and assemblies] *Raschet proizvoditel'nosti vyemochnykh kompleksov i agregatov*. Moskva, Nedra, 1966. 99 p.
- [TRACK BLOCKING SYSTEMS AND THEIR AUTOMATIC CONTROL] *Putevaia blokirovka i avtoregulirovka*. [By] M.I. Vakhnin i dr. Moskva, Transport, 1966. 375 p.
- TSEITLIN, G.D. [Maintenance of motor vehicles] *Tekhnicheskoe obsluzhivanie avtomobíla*. Moskva, DSOAAF, 1966. 187 p.
- TSENTRAL'NYI INSTITUT NORMATIVNYKH ISSLEDOVANIÍ I NAUCHNO-TEKHICHESKOI INFORMATSII V TRANSPORTNOM STROITEL'STVE. [The Exhibition of the Achievements of the National Economy on transportation construction] *VYNK o transportnom stroitel'stve*. Moskva, 1965. 54 p. (Tekhnicheskaya informatsiya)
- TSENTRAL'NYI NAUCHNO-ISSEDOVATELSKII INSTITUT PATENTNOI INFORMATSII I TEKHNIKO-EKONOMICHESKIIH ISSLEDOVANIÍ. [Patent collection of Socialist Republic of Rumania; bibliographic collection of patents in force] *Patentnyi fond Sotsialisticheskoi Respubliki Rumynii; bibliograficheskií sbornik deistvuyushchikh patentov*. Moskva, Gos. kom.-t po delam izobretenii i otkrytií SSSR, 1965. 49 p.
- TSULUKIDZE, P.P. [Experience in building hydraulic structures] *Opyt vozvedeniia gidrotekhnicheskikh sooruzhenii*. Tbilisi, TSOdna, 1963. 77 p.
- TSYV'IAN, B.M. [Story of the iron stone] *Rasskaz o zheleznom kamne*. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 182 p.
- UKRAINE. Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Methodological instructions for the engineering inspection of jib hoisting cranes] *Metodychni vskazivky po tekhnichnomu ohliudu vantazhopidimnykh kraniv*. Kyiv, Tekhnika, 1966. 28 p.
- UL'MISHEK, I.G. [Production of incandescent electric lamps] *Proizvodstvo elektricheskikh lamp nakalivaniia*. Izd. 5., perer. i dop. Moskva, Energiia, 1966. 638 p.
- USPENSKAIA, N.U., and Z.A. TABASARANSKII. [Oil and gas provinces of the U.S.S.R.] *Neftegazonosnye provintsii SSSR*. Moskva, Nedra, 1966. 494 p.
- VAISBURD, F.I. [Semiconductor devices] *Poluprovodnikovyye pribory*. Moskva, Sviaz', 1966. 131 p.
- VAITS, V.M. [A miracle powder] *Chudo-poroshok*. Moskva, Stroiizdat, 1966. 139 p. (Nauchno-populiarnaya seriya)
- VATOLIN, E.S. [Some dynamic properties and the nature of the deformation of rocks] *Nekotorye dinamicheskie svoystva i priroda deformirovaniia gornykh porod*. Moskva, Nauka, 1966. 61 p.
- VEL'IASHEV, L.N., and S.M. KRAVCHENKO. [Repair of office machines] *Remont kantselarskikh pisshushchikh mashin*. Izd. 2., dop. i perer. Moskva, Legkaia industriia, 1966. 177 p.
- VELITSKII, A.I., and M.D. KANSHIN. [Organization of hauling and the mechanization of loading operations in railroad transportation] *Organizatsiya perevozok i mekhanizatsiya gruzovykh rabot na zheleznodorozhnom transporte*. Moskva, Transport, 1966. 413 p.
- VINOOROV, G.K. [Fundamentals of lumbering technology] *Osnovy tekhnologii lesozagotovok*. Moskva, Goslesbumizdat, 1962. 286 p. (InU)
- VINTMAN, V.E. [Artistic design of the products of the machinery industry] *Khudozhestvennoe konstruirovaniye izdelii mashinostroeniia*. Leningrad, 1966. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Biblioteka "Tekhnicheskaya estetika")
- VITENBERG, M.I. [Calculation of electromagnetic relays for automatic control and communications apparatus] *Raschet elektromagnitnykh rele dlia apparatury avtomatiki i svyazi*. Izd. 3., perer. i dop. Moskva, Energiia, 1966. 722 p.
- VOIZESKAIA GIDROELEKTROSTANTSIIA. [Technical report on the design and construction of the Volga Hydroelectric Power Station (22d Congress of the CPSU), 1950-1961, in two volumes] *Tekhnicheskii otechet o proektirovanií i stroitel'stve Volzhskoi GES bdeníia XXII s'ezda KPSS, 1950-1961 gg., v dvukh tomakh*. Moskva, Energiia. Vol. 2. [Organization and execution of the construction and assembly work] *Organizatsiya i proizvodstvo stroitel'no-montazhnykh rabot*. Nedra, I.A. Kuznetsov. 1966. 561 p.
- VOZNYI, V.P., and P.F. VIZNER. [Gravity cables for timber in clearing mountain slopes of forest stands] *Kautnye lesospuski na lesosochlatke gornykh sklonov*. Moskva, TSentr. nauchno-lit. in-t informatsii i tekhniko-ekon. issledovanií po temoi, teorii i praktike zashchity, derevoobratnykh i sudebnykh promyshl. i lesnomykh khoz., 1965. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Biblioteka "Tekhnicheskaya estetika") [MICROFILM]
- VSEROSSIISKII TSENTRAL'NYI SOIUZ POTREBITELSKIIH OBSHCHESTV. [Study of industrial goods; test papers for fourth-year correspondence students of cooperative technicals specializing in "Study of industrial goods and food products," academic year 1965-1966] *Tovarovedeniye promyshlennykh tovarov; kontrol'nye raboty dlia uchashchikh i nauchnykh IV kursa kooperativnykh tekhnikumov uchebnykh i nauchnykh* "Tovarovedeniye promyshlennykh i prodovol'stvennykh tovarov" (1965/66 uchebnyy god). Moskva, 1965. 25 p.
- [MICROFILM]
- VSESOIUZNAIA KONFERENTSIIA LITESHCHIKOV, 18. [Collection of reports of eighteenth All-Union Conference of Foundrymen. Sbornik dokladov] Moskva, Mashinostroenie, 1966. 262 p.
- VSESOIUZNOE SOVESHCHANIE PO MAGNITNYM ELEMENTAM AVTOMATIKI I VYCHISLITEL'NOI TEKHNIKE. 9th, Erevan, 1963. [Magnetic digital elements] *Magnitnye tsifrovye elementy*. Moskva, Nauka, 1965. 315 p. (NIP)
- VSESOIUZNOE SOVESHCHANIE PO OSNOVNYM PROBLEMAM TEORII MASHIN I MEKHANIZMOV. 2d, Moscow, 1958. [Transactions of All-Union Conference on Basic Problems of Theory of Machines and Mechanisms] *Trudy*. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit.-ry. Vols. 2-4. 1960. 3 v. (ICRI)
- VSESOIUZNYI INSTITUT PO PROEKTIROVANIIO ORGANIZATSII ENERGETICHESKOGO STROITEL'STVA "ORGANOGESTROL". [Bibliographic abstracts index: "Use of precast reinforced-concrete elements in the construction of thermal electric power plants"] *Bibliograficheskií referativnyi ukazatel': "Primeneniye sbornnykh zhelezobetonnykh konstruktiv pri sooruzhenii leptovykh elektrostantsii"*. Moskva, 1965. 266 p.
- ZAGL', O.A., I.I. KRUPKO, and I.M. VERTSNER. [Sprayed concrete] *Shprits-beton*. Odessa, Matak, 1964. 29 p.
- ZAIDENBERG, I.A.Z. [Phototechnical paper for copying and duplicating processes] *Fototekhnicheskoe bumagi dlia kopirovaniia i umnozheniia tekhnicheskikh i nauchnykh dokladov*. Leningrad, 1966. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Ekonomika, upravleniye i organizatsiya proizvodstva)
- ZARUBIN, V.B. [Temperature fields in the structure of aircraft; methods of calculation] *Temperaturnye polia v konstruktivnoi teorii letatel'nykh apparatov; metody rascheta*. Moskva, Mashinostroenie, 1966. 215 p.
- ZIL'BERMINTS, A.V. [Geology and genesis of the Lutsk (in tin-tungsten deposit)] *Geologiya i genezis lut'skogo olovno-vol'framovogo mestorozhdeniia*. Moskva, Nauka, 1966. 189 p.
- ZOROKHOVICH, A.E., and S.K. KRYLOV. [Fundamentals of electrical engineering for locomotive brigades] *Osnovy elektrotekhniki dlia lokomotivnykh brigad*. 4. 1st pr. i dop. izd. Moskva, Transport, 1966. 525 p.
- ZUDOV, V.I. [Theory of optimum control of ships and other mobile objects] *Teoriia optimal'nogo upravleniia sudnom i drugimi podvylzhnymi ob'ektami*. Leningrad, Sudostroenie, 1966. 351 p.
- ZVEREVA, L.F., and D.I. CHERNIAKOV. [Technology and technical chemical control of bread baking] *Tekhnologiya i tekhnicheskii kontrol' khlebopekarnogo proizvodstva*. Moskva, Pishchevaia promyshlennost', 1966. 427 p.

ZYKOV, F. I. [Container saws and their operation] Tar-nye pily i ikh ekspluatatsiya. Moskva, Leningrad promyshlennost', 1966. 35 p.

17. MILITARY & NAVAL SCIENCES

ALEKSANDROV, A. M., and I. P. KOROLEVSKI.

[Establishing wear norms for principal engine parts of fishing boats] Normirovaniye iznosov osnovnykh detalей двигателей rybnopromyslovyykh sudov. Moskva, Pishchevaya promyshlennost', 1965. 133 p.

ARKHANGOROVSKI, A. G., L. M. BELEN'KII, and A. B. LITVIN. [Collapsible paddings in shipbuilding and repair] Sushchalushchiesya prokladki v sudostroenii i sudoremonte. Leningrad, Sudostroenie, 1966. 130 p.

BONDURIANSKI, Z. P., M. A. D'IACHKOV, and E. E. MELAMED. [Sinking concrete vessels; hull design] Mor-skie zhelezobetonnye suda; proektirovaniye korpusa. Leningrad, Sudostroenie, 1966. 109 p.

DANUBE COMMISSION (1949-) [Recommendations for establishing the dimensions of the channel, hydraulic and other structures on the Danube] Rekomendatsii po ustanoventsiu gabaritov farvatera, gidrotekhnicheskikh i drugikh sooruzhenii na Dunae. Budapest, 1960. 36 p. 5 fold. charts. [In Russian and French] (MIU-L)

DANUBE COMMISSION (1949-) [Recommendations for the unification of regulations for veterinary and plant protection control on the Danube; enacted by the decision of the 16th session of the Danube Commission of January 16, 1958] Rekomendatsii po unifikatsii pravil veterinar'nogo i fitosanitarnogo nadzora na Dunae; prinaty postanovleniem XVI sessii Dunatskoi Komissii 16 yanvaria 1958 g. Budapest, 1958. 42 p. [In Russian and French] (MIU-L)

GRACHEV, A. P. [Foreign ship-lifting devices; review] Sudopod"emnye sooruzheniya za rubezhom; obzor. Moskva, Transport, 1966. 475 p.

IASTREBOV, G., O. GLUSHKIN, and V. NEIMAN. [Fuel and water supply to ships at sea; from experience of tanker "Lokatan" and water boat "Azneft" of the Kallinigrad Refrigerator Fleet] Snabzheniye sudov toplivom i vodoi na promysle; iz opyta raboty tankera "Lokatan" i vodoleta "Azneft" Kallinigradskoi floty refrižeratornogo flota. Riga, Otdel nauchno-tekhn. informatsii TsPKTB, 1965. 10 p. (V pomoshch' promysloviku)

IGNAT'EV, M. A. [Propellers of ships sailing in ice-infested waters; design characteristics] Grebayu vinty sudov ledovogo plavanija; osobennosti proektirovaniya. Leningrad, Sudostroenie, 1966. 113 p. dingra. (Inser)

KOZLOV, N. G. [In the skies of China; reminiscences of an airman] V nebe Kitaya; vospominaniya letchika. Moskva, Nauka, 1966. 52 p.

LISHIN, A. B. [Polymers in ship repair] Polimery v sudoremonte. [Murmansk] Murmanskoe knizhnoe izd-vo, 1964. 47 p.

LOGINOV, S. P. [Technical progress in shipbuilding and the manufacture of ship machinery] Tekhnicheskii progress v sudostroenii i sudovom mashinostroenii. Leningrad, Sudostroenie, 1966. 151 p.

MIDDELDORF, EIKE. [Tactics in Russian campaign. Translated from German] Taktika v russkoi kampa-nii. Moskva, Voennoe izd-vo M-va oborony, 1958. 358 p. (MIEM)

MOSCOW. VOENNO-POLITICHESKAYA AKADEMIIA. [Marxism-Leninism on war and army] Marksizm-leninizm o voine i armii. 4., perer. i dop. izd. Pod red. N. I. Sushko i S. A. Tiushkevicha. Moskva, Voenizdat, 1965. 363 p. (Biblioteka ofitsera) (MI)

NECHIPORENKO, V. A. [Calculation of the high-speed bearings of ship reduction gear] Raschet vysokosko-rostnykh oper sudovykh reduktorov. Leningrad, Sudostroenie, 1966. 148 p.

NIKOLAEV, V. N., I. V. RAZUMOV, and N. N. ALEKSANDROV. [Control of the operation of marine power plants] Kontrol' raboty sudovykh energeticheskikh ustanovok. Pod obshchei red. V. I. Nikolaeva. Leningrad, Sudostroenie. Pt. 2. [Control methods and apparatus] Metody i pribory kontrolya. 1966. 386 p.

PETROVSKII, N. V. [Marine internal combustion engines and their operation] Sudovye dvigateli vnutren-nego sgoraniya i ikh ekspluatatsiya. Izd. 3., perer. i dop. Moskva, Transport, 1966. 503 p.

POSHERSTNIK, M. I., and M. A. SALIUTINA. [Manual on ship cables and wiring] Spravochnik po sudovym kablamm i provodam. Leningrad, Sudostroenie, 1966. 251 p.

[REFERENCE DICTIONARY OF THE NAMES OF SAMPLE ARMAMENT AND COMBAT EQUIPMENT OF CAPITALIST COUNTRIES AND OF THE MAIN COMPANIES PRODUCING ARMAMENTS] Slovar'-spravochnik nazvani obraztsov vooruzheniya i boevoi tekhniki kapitalisticheskikh stran i osnovnykh firm, proizvodivshikh vooruzheniye. Moskva, Voenizdat, 1966. 197 p.

SHATILOV, V. M. [The flag over the Reichstag] Znamiya nad reikhshtagom. Moskva, Voenizdat, 1966. 325 p. (Voennye memuary)

SHIMAKOV, M. G. [Towing equipment of vessels; their design and calculation] Buktirnye ustroystva sudov; proektirovaniye i raschet. Leningrad, Sudostroenie, 1965. 256 p.

SKUIBEDA, P. I., comp. [Explanatory dictionary of military terms] Tolkovyie slova' voennykh terminov. Moskva, Voenizdat, 1966. 527 p.

SUFVALOV, I. F. [Self-adjusting systems in ship automation] Samonastavlivushchiesya sistemy v sudovoi avtomatike. Leningrad, Sudostroenie, 1966. 235 p.

TURCHENKO, V. V., and M. V. FEDULOV. [Defense measures during attack] Oborontel'nye deystviya v khode nastupleniya. Moskva, Voenizdat, 1966. 165 p.

VOROZHEIKIN, A. V. [Dawn over Kiev] Rassvet nad Kievom. Moskva, Voenizdat, 1966. 189 p. (Voennye memuary)

VSESOIUNNOE DOBROVOL'NOE OBSHCHESTVO SODEISTVIA ARMII, AVIATSII I FLOTU. [Ways of protection from nuclear, chemical and bacteriological weapons; methodological manual for volunteer instructors] Sposoby zashchity ot lader'nogo, khimicheskogo i bakteriologicalheskogo oruzhiya; uchebno-metodicheskoe posobie dlia obshchestvennykh instruktorov. Pod obshchei red. N. S. Pokrovskogo. Izd. 2., ispr. Moskva, DCSAAF, 1955. 125 p.

ZAKHAROV, I. V. [Modern river refrigerator ships; textbook for students attending courses for advanced training of engineers and technicians of the river fleet and students specializing in marine engineering at the Novosibirsk Institute for River Transportation Engineers] Sovremennye rechnye refrižeratornye suda; uchebnoe posobie dlia slushatelei kursov povysheniya kvalifikatsii inzhenerno-tekhnicheskoi spetsial'nosti Novosibirskogo instituta inzhenerov vodnogo transporta. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 77 p.

[MICROFILM]

ZVEREV, B. I. [Calling for victory] Zovushchi k pobe-de. Moskva, Voenizdat, 1966. 129 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIA NAUK GRUZINSKOI SSR, Tiflis. Soobshchenia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 43, no. 1, July 1968.

- Table of contents translated:
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AKADEMIA NAUK TADZHIKSKOI SSR, Dushanbe. Doklady [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Reports]. Dushanbe, vol. 9, no. 6, 1968.

- Table of contents translated:
Berkhov, Kh.B. - Generalization of Boussinesq-Galerkin's solution to apply to anisotropic bodies. p. 3.
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AKADEMIA NAUK TADZHIKSKOI SSR, Dushanbe. Otdelenie obshchestvennykh nauk. Izvestiya [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Social Sciences. Bulletin]. Dushanbe, no. 2(44), 1968.

- Table of contents translated:
Radzhabov, Z.Sh. - Present-day Oriental studies and scholarly research in the most important fields of history and linguistics and prospects for their further development. p. 3.
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AKADEMIA NAVUK HBSP, Minsk. Vostok. Seriya humanitskikh nauk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Social Sciences]. Minsk, no. 2, 1968.

- Table of contents translated:
Minich, V.I. - Methodological problems in the establishment of the production types of agricultural enterprises. p. 5.
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BULLETON MEZHODUNARODNYKH NAUCHNYKH S'EDZDOV, KONFERENTSI I KONGRESSOV [BULLETIN OF INTERNATIONAL SCIENTIFIC MEETINGS, CONFERENCES, AND CONGRESSES]. Issued by Oldi mezhodunarodnykh avtazol i informativni Vsesoyuznogo instituta nauchnoi i tekhnicheskoi informatsii Akademii nauk SSSR [Department of International Relations and Information of the All-Union Institute of Science and Technical Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3(64)-4(65), 1968.

CHEKNOVTSY. UNIVERSYTET. Naukovy zapysky [UNIVERSITY STUDIES]. Lvov, vol. 69, 1963. Seriya sotsialnykh nauk [Series in the Social Sciences], no. 3. History of the Chernovtsy Province organization of the Communist Party of the Ukraine.

- Table of contents translated:
Lishchenko, M.O. - Incorporation of Bukovina into the Ukrainian S.S.R. and its first steps in the building of socialism. p. 7.
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- GORNO-ALTAYSK. NAUCHNO-ISSLEDOVATELSKII INSTITUT ISTORI, YAZYKA I LITERATURY. Uchenye zapiski [SCIENTIFIC RESEARCH INSTITUTE OF HISTORY, LANGUAGE, AND LITERATURE. Studies]. No. 1, 1958.
- Table of contents translated:
- Esakakov, N. A. - Dialects of Altai. p. 3.
- Toshechakova, T. M. - Postpositions in Altai. p. 18.
- Altai in the works of A. Kopteleev. p. 51.
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestis. Izvestija Akademii nauk Latvijas SSR [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Bulletin]. Riga, nos. 4(225)-5(226), 1966.
- IENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol. 21, no. 11, 1966. Seriya ekonomiki, filosofii i prava [Series in Economics, Philosophy, and Law], no. 2.
- Table of contents translated:
- Shirokorad, L. D. - On the history of political economy in its broad and narrow sense in Soviet economic literature in the 1920's. p. 5.
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- Vol. 21, no. 12, 1966. Seriya geologii i geografii [Series in Geology and Geography], no. 2.
- Table of contents translated:
- Bol'kova, L. N., Ognov, V. N. - Geological conditions and petrological characteristics of ancient crystalline formations of Altai Range (Tien Shan). p. 6.
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- Vol. 21, no. 13, 1966. Seriya matematiki, mekhaniki i astronomii [Series in mathematics, mechanics, and astronomy], no. 3.
- Table of contents translated:
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- LYSTY DO PRIYATELIV. LETTERS TO FRIENDS. Newark, N.J., vol. 14, no. 5/6/7(157-159), 1966.
- MOSCOW. MOSKOVSKI OBLASTNOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW PROVINCE PEDAGOGICAL INSTITUTE. Studies]. Vol. 141, 1964. Trudy Kafedri politekonomii [Transactions of the Department of Economics], no. 3 i filosofii [and Philosophy], no. 7.
- Table of contents translated:
- Zdorov, B. M. - Interdependence of the rates of growth of the parts of the gross national product during the period of the large-scale building of communism. p. 3.
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- Arkhipov, B. V. - Overcoming social and economic distinctions between the city and the village during the period of the large-scale building of communism. p. 80.
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- [MICROFILM]
- OBISCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 10, nos. 9-7, 1966.
- UKRAINS'KA VIL'NA AKADEMIA NAUK. Seriya: Litopys [UKRAINIAN FREE ACADEMY OF SCIENCES. Series: Chronicle]. Winnipeg, no. 23, 1965; no. 24, 1965.
- b. POPULAR MAGAZINES
- AZIJA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii i Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 8, Aug. 1966.
- Table of contents translated:
- Butygin, S. - Peace and national liberation. p. 2.
- With hope in the future. p. 4.
- Under sun of freedom. p. 5.
- Religion and politics. p. 7.
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- Arutunov, S., Komarovskii, G. - Religion in Japanese life. p. 47.
- Makarenko, V. - Among "head-hunters." p. 51.
- Sharevskaya, B. - Dismal survival. p. 54.
- Coubard, Jacques. - Again in Syria. p. 57.
- Iur'ev, A. - Champion of Independence. p. 64.
- BEJARUS' [WHITE RUSSIA]. Organ of Siatz pis'menniknu BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 23, no. 8(253), Aug. 1966.
- DADZIS [THISTLE]. Riga, nos. 12(228)-14(230), 1966. [In Latvian]
- DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukraints'kykh trudashchikh Chekosllovakchyn [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Presov, vol. 16, nos. 7-8, July-Aug. 1966. [In Ukrainian]
- KAPKAN; chuvashskii satiricheski zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, no. 14(503), July 1966.
- KHOPUSHITAK [HEDGEHOG]. Dushanbe, no. 12(163), July 1966. [In Tajik]

- KITAI [CHINA].** Published by Izdatel'stvo literaturnykh i inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peking, no. 7, 1966.
- KOREIA [KOREA].** Pyongyang, no. 9(122), 1966.
- KOSTER [CAMPFIRE].** Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzna molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 8, Aug. 1966.
- KROKODIL [CROCODILE].** Issued by gazeta [Newspaper] "Pravda," Moscow, vol. 44, no. 13(1807), May 1966; vol. 45, nos. 20(1814), 22(1816)-23(1817), July-Aug. 1966.
- KUL'TURA I ZHIZN' [CULTURE AND LIFE].** Issued by Soluz sovet'skikh obshchestv družby i kul'turnoi svyazi s zarubezhnyimi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 10, no. 8, 1966.
- KULTUROS BARAI [LANDMARKS OF CULTURE].** Issued by LTSR Kultuuriministerija [Ministry of Culture of the Lithuanian S.S.R.]. Vilnius, no. 7(10), 1966. [In Lithuanian]
- KULTUR JA ELU [CULTURE AND LIFE].** Issued by Eesti NSV Kultuuriministerium and Eesti NSV Ameerika Nõukogu [Ministry of Culture of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol. 9, no. 8, Aug. 1966. [In Estonian]
- LIESMA [FLAME].** Issued by Latvijas LKSJ Centrālā komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, no. 7(100), July 1966. [In Latvian]
- MURZILKA.** Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzna molodezhi and Tsentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union communist Youth League of Lenin and the Central Council of the V.I. Lenin All-Union Pioneer Organization]. Moscow, no. 7, July 1966.
- MY I SVIT. WE AND THE WORLD.** Toronto, vol. 17, no. 132, May-June 1966.
- NIVA [FIELDS OF GRAIN].** Moscow, no. 7, 1966.
- NOORUS [YOUTH].** Issued by Eestimaa Leninliku Kommunistliku Noorsooühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, vol. 21, no. 7(237), July 1966. [In Estonian]
- NOVAIA ALBANIA [NEW ALBANIA].** Tirana, nos. 1-3, 1966.
- OGONEK [THE LITTLE LIGHT].** Moscow, vol. 44, nos. 29(2038)-35(2044), July-Aug. 1966.
- OVYD. HORIZON.** Published by Mykola Donystuk Publishing Co. Chicago, vol. 17, no. 2(137), Apr.-June, 1966.
- PACHEMYSH [WASP].** Ioahkar-Ola, vol. 10, no. 8(118), Aug. 1966.
- PERETS' [PEPPER].** Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 26, nos. 13(576)-15(578), July-Aug. 1966.
- PILT JA SONA [PICTURE AND WORD].** Tallinn, vol. 21, no. 7(242), July 1966. [In Estonian]
- PIONER [PIONEER].** Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, no. 6, June 1966. [In Turkmen]
- RABOCHE-KREST'YANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT].** Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 7, July 1966.
- RANOK [MORNING].** Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, nos. 7(169)-8(180), July-Aug. 1966.
- RODINA [OUR COUNTRY].** Issued by Komitet za vozvrascheniye na Rodinu i razvitiye kul'turnykh svyazi s sootchestvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen]. Berlin, no. 3, May-June 1966.
- RT; obshchestvenno-politicheskiy iliustirovannyi ezhe-nedel'nik [RT; Sociopolitical Illustrated Weekly].** Issued by Komitet po radioveshchaniyu i televizionu pri Sovete Ministrov SSSR [Committee for Radiobroadcasting and Television, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, nos. 10-16, 1966.
- SEL'SKAIA MOLODEZH' [RURAL YOUTH].** Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 6, June 1966.
- SHMEL' [BUBBLEBEE].** Alma-Ata, vol. 11, nos. 7(125)-8(127), July-Aug. 1966. [In Kazakh]
- SLUOTA [THE BROOM].** Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 2(225), Feb. 1964; nos. 13(284)-14(285), July 1966. [In Lithuanian]
- SOGLASIE [CONCORD].** Los Angeles, Calif., nos. 179-180, Aug.-Sep. 1966.
- SOVREMENNAIA MONGOLIA [CONTEMPORARY MONGOLIA].** Ulan-Bator, vol. 10, no. 6(101), June 1966.
- SVOBODNOE SLOVO; ezheposlednyy karpato-russkii zhurnal [FREE WORD; Carpatho-Russian Monthly].** Newark, vol. 8, no. 5/6(39-40), 1966.
- SVYTURY [THE LIGHTHOUSE].** Vilnius, vol. 16, no. 13(421), July 1966. [In Lithuanian]
- TURIST [TOURIST].** Issued by VtSPS [All-Union Central Council of Trade Unions]. Moscow, vol. 1, no. 6, 1966.
- UKRAINA [THE UKRAINE].** Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 26, nos. 28(496)-33(501), 35(502)-36(503), July-Sep. 1966.
- URAL'SKII SLEDOPIYT [URAL PATHFINDER].** Issued by Sverdlovskoe otdeleniye Soluza pisatelei i Sverdlovskiy promyshlennyi i sel'skii obkomy VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 9, nos. 6-7, June-July 1966.
- UZBEKISTON [UZBEKISTAN].** Tashkent, vol. 25, nos. 6-8, June-Aug. 1966.
- VESELKA. THE RAINBOW.** Published by Ukrainian National Association, Jersey City, vol. 13, no. 5/6(142-143), June-July 1966.
- VOPROSY I OTVETY [QUESTIONS AND ANSWERS].** Moscow, nos. 7(188)-8(189), July-Aug. 1966.
- VOZHATYI [PIONEER GUIDE].** Published by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzna molodezhi and Tsentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 42, no. 7, July 1966.
- VOZHNYK [HEDGEHOG].** Minsk, vol. 26, nos. 13(636)-14(636), July 1966.
- VSESvit. THE WORLD.** Issued by Spilka pys'mennykh Ukrainy and Ukrain's'ke tovarystvo družby i kul'turnoho zvy'язku z zarubizhnyimi krayinami [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 9, nos. 7(97)-8(98), July-Aug. 1966.
- ZHIZN' SLEPYKH [LIFE OF THE BLIND].** Organ of Vserossiiskoe obshchestvo slepykh [All-Russian Society of the Blind]. Moscow, vol. 43, nos. 7-8, July-Aug. 1966.
- ZVAIGZNE [THE STAR].** Riga, vol. 16, nos. 14(384)-15(385), July 1966. [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVetskogo Soluza [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaya biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, vol. 10, nos. 10-14, 17, May-July, Sep. 1966.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 29-34, 1966. [Ukazatel' knizhnykh izdaniy za 1964 g. [Series Index for 1964], Vspomogatel'nye ukazateli k nos. 1-13 za 1965 g. [Indexes to 1-13 for 1965].

Dopolnitel'nyi vypusk [Supplementary Issue]. No. 6, 1966. Vspomogatel'nye ukazateli k nos. 1-3 za 1966 g. [Indexes to nos. 1-3 for 1966].

LETAPIS DRUKU BSSR, LETOPIS' PECHATI BSSR [CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S.S.R.]. Issued by Datsarynatsya biblioteka BSSR and Knizhnaya palata BSSR [State Library of the White Russian S.S.R. and the Book Chamber of the White Russian S.S.R.]. Minsk, no. 3, Mar. 1966.

LETOPIS' GAZETNYKH STATI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 6-7, 1966.

LETOPIS' ZHURNAL'NYKH STATI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 25, 27-30, 1966.

NOVAIA LITERATURA O NAUKI I NAUCHNO-ISLEDovatel'skoi RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1966.

NOVAIA LITERATURA PO BOLGARI [NEW LITERATURE ON BULGARIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1966.

NOVAIA LITERATURA PO CIEKHO-SLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, nos. 6-7, 1966.

NOVAIA LITERATURA PO GERMANSKOI DEMOKHATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1966.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1966.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, nos. 6-7, 1966.

NOVAIA LITERATURA PO RUMYNI [NEW LITERATURE ON ROMANIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1966.

NOVAIA LITERATURA PO VENGRII [NEW LITERATURE ON HUNGARY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1966.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM AZII I AFRIKI [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1966.

NOVYE KNIGI SSSR [NEW BOOKS OF THE U.S.S.R.]. Issued by Vsesoluznaya obshchestvennaya "Mezhdunarodnaya kniga" [All-Union Association "International Book"]. Moscow, nos. 28-33, July-Aug. 1966.

NOVYE KNIGI ZA RUBEZHOM, Seria V: Biologiya, meditsina, sel'skoe khozaystvo [NEW FOREIGN BOOKS, Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature], Moscow, vol. 10, no. 7, July 1966.

NOVYE KNIGI ZA RUBEZHOM PO ODSHCHESTVENNOM NAUKAM; ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES; Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature], Moscow, vol. 9, no. 7, July 1966.

SVODNYI BULLETEN' NOVIKH INOSTRANNYKH KNIG, POSTUPAYUSHKH V BIBLIOTEKI SSSR, Seria B: Obshchestvennyye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B: Social Sciences]. Moscow, no. 1(35), 1966.

6. LIBRARIES & LIBRARY SCIENCE

AKADEMIA NAUK SSSR. Biblioteka. Novye inostrannyye knigi; katalog novykh postupivshikh... [ACADEMY OF SCIENCES OF THE U.S.S.R. Library, New Foreign Books; Catalog of New Accessions, ...]. Leningrad, no. 6(169), 1966.

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 43, no. 8, Aug. 1966.

Table of contents translated:
Let us improve our service to children. p. 1.
Zadernan, L. - Our common concern. p. 4.
Nlov, V. - In every possible way. p. 6.
Tribune of regional conferences. p. 8.
Bugaeva, G. - For geologists. p. 11.
Vaks, I. - This we heard and saw. p. 13.
Eliseeva, V. - We help each reader. p. 16.
Glagoleva, N. - First impressions. p. 18.
Rabinovich, N. - Young people grow up in struggle for communism. p. 21.
Selezneva, N. - They were first. p. 24.
Chornov, L. - For active members of Communist Youth League. p. 27.
Chernousov, N. - Together with teachers. p. 29.
Mallechenko, A. - Drafts are coming to our library. p. 30.
Lukicheva, T. - This is source of our strength. p. 33.
Birula, G. - With enthusiasm. p. 36.
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Stoliarov, I. - Prompted by life. p. 43.
Mistriukova, T. - How to prepare classified plans. p. 45.
Chapuyko, I. - Mystery of our dates with books. p. 48.

BIBLIOTEKOZNAVSTVO TA BIBLIOGRAFIYA [LIBRARY SCIENCE AND BIBLIOGRAPHY]. Issued by Ministerstvo kul'tury Ukrainy [Ministry of Culture of the Ukrainian S.S.R.]. Kharkiv, no. 2, 1965.

Table of contents translated:
Dovhopola, O. P. - Scientific and Informational bibliography of current agricultural publications in the U.S.S.R. p. 5.
Semenenko, N. Kh. - Our creative contacts and some problems concerning coordination of scientific studies. p. 17.
Kabanov, I. A. - Bibliophilism and Soviet libraries. p. 20.
Kurbatova, Y. A. - We should persistently struggle for each man. p. 41.
Poltchenko, H. O. - Organization and methods of cataloging and displaying periodicals. p. 46.
Kumok, D. A. - Some problems concerning open access to books in children's libraries. p. 52.
Babych, V. S. - International contacts of Ukrainian libraries. p. 65.
Hal'porin, I. N. - V. I. Lenin's ideas on management of socialist enterprises and their popularization in present-day economic literature. p. 73.
Lortskyan, I. E. L. - Problems of planning national economy discussed in Soviet economic literature. p. 86.
Kolmychenko, O. I. - Dissemination of "Pravda" in Ukraine in 1917 and its role in popularization of V. I. Lenin's works. p. 101.
Skrypnik, T. O. - Publication of first legal Marxist newspapers after victory of February Revolution in Ukraine, 1917. p. 113.
Hlmal'dnova, Z. V. - Development of Ukrainian libraries in 1946-1961. p. 128.
Kravets, H. A. - I. S. Nechul-Levyts'kyi's tale "Prychepa"; problems, characters, critical comments. p. 142.
Trushcheva, S. N. - Theoretical and practical problems of Soviet satire discussed in Soviet press in 1920's. p. 162.

Vetlidska, S. O. - Discussion of Shevchenko's ideas in periodical "Dzvynok." p. 175.
Raskina, T. S. - M. I. Lermontov and Ukraine; review and bibliography of articles of literary criticism. p. 184.

INFORMATSHA O BIBLIOTECHEM DELE I BIBLIOGRAFIYA ZA RUBEZHOM; sbornik materialov [INFORMATION ABOUT LIBRARY WORK AND BIBLIOGRAPHY ABROAD; Materials]. Moscow, nos. 1(12)-2(13), 1966.

LIETUVOS TSR AUKSTUJŲ MOKYKLŲ MOKSLO DARBAI: BIBLIOTEKININKYSTES IR BIBLIOGRAFIJOS KLAUSIMAI. Nauchnye trudy vysshikh uchebnykh zavvedeni Litovskoi SSR: Voprosy bibliotekovedeniya i bibliografii [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R.: PROBLEMS IN LIBRARY SCIENCE AND BIBLIOGRAPHY]. Vilnius, vol. 4, 1965.

TEKHNIČESKIE BIBLIOTEKI SSSR [TECHNICAL LIBRARIES OF THE U.S.S.R.]. Issued by Gosudarstvennaya publikatsionno-izdatel'skaya biblioteka SSSR [State Scientific and Technical Public Library of the U.S.S.R.]. Moscow, no. 7(39), 1965.

Table of contents translated:
Papendik, B. E. - Developing network of technical libraries in Latvia. p. 3.
Erviis, M. V. - Some results and prospects. p. 9.
Kibkato, L. A. - Methodological Committee attached to the Central Technical Library of Dnieper Economic Council. p. 15.
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c. PRINTING & THE BOOK TRADE

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravleniye Sotzpechaty Ministerstva svyazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, no. 7, 1966.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, nos. 6-7, 1966.

NOVAIA SOVETSKAYA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7, 1966.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 20, no. 7, 1965.

Table of contents translated:
Zimanas, G. O. - The nature of the rapprochement process in the family of socialist nationalities. p. 3.
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*VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademika pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 12, no. 3, May-June 1966.

Table of contents translated:
23d Congress of the CPSU and the tasks of the science of psychology. p. 3.
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ALBA; Russian Theosophical Magazine. ALBA; teosoficheskii zhurnal. Issued by Teosoficheskoe obshchestvo [Theosophical Society]. Boston, no. 10, 1955.

BRATSKII VESTNIK [HERALD OF BROTHERHOOD]. Issued by Vsesoluznyi sovet evangel'skikh khristian-baptistov [All-Union Council of Evangelical Christians and Baptists]. Moscow, no. 1, 1966.

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LIUDYNA I SVIT' [MAN AND THE WORLD]. Issued by Tovarystvo "Znannia" Ukrain's'koi RSR ["Knowledge" Society of the Ukrainian S.S.R.]. Kiev, vol. 6, no. 8(71), Aug. 1966.

NAUKA I RELIGIYA [SCIENCE AND RELIGION]. Issued by Vsesoluznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 8, no. 8, Aug. 1966.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO VOPROSAM ATEIZMA I RELIGII [NEW SOVIET AND FOREIGN LITERATURE ON THE PROBLEMS OF ATHEISM AND RELIGION]. Issued by Fundamental'nai biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, 1966.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, no. 6, 1966.

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PRAVOSLAVNAIA ZHIZN'. ORTHODOX LIFE. Monthly Supplement to "Pravoslavnaia Rus'" ["Orthodox Russia"]. Published by the Holy Trinity Monastery, Jordanville, N. Y. no. 3, Mar. 1966.

RIDNA TSERKVA [OUR BELOVED CHURCH]. Issued by Bohoslovs'ko-mukovyi instytut Ukrain's'koi avtokefal'noi pravoslavnoi tserkvy nn chuzhynti [Theological Institute of the Ukrainian Autocephalous Orthodox Church Abroad]. Munich, vol. 13, no. 67, July-Sep. 1966.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropol'ichii okrug Russkoi Pravoslavnoi Tserkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 62, no. 6/7, June-July 1966.

SVITLO. THE LIGHT. Issued by OO. Vasyliany [The Basilian Fathers]. Toronto, vol. 28, no. 11(513), Nov. 1965.

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrain's'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, vol. 30, no. 8/9(152-153), June-July 1966.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK ARMIAKOSKOI SSR, Erivan, Istoriko-filologicheskii zhurnal [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R., Historical and Philological Review]. Erivan, no. 2(33), 1966.

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AKADEMIIA NAUK SSSR. Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. Review of Ancient History]. Moscow, no. 2(66), 1966.

Table of contents translated:

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ISTORIA BSSR [HISTORY OF THE U.S.S.R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 3, May-June 1966.

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- NARODY AZII I AFRIKI; istoria, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA; History, Economics, Culture].** Issued by Institut narodov Azii i Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1966.
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- NOVAIA LITERATURA PO OBSHCHIM PROBLEMAM EVROPEISKIKH SOTSIALISTICHESKIKH STRAN [NEW LITERATURE ON THE GENERAL PROBLEMS OF THE EUROPEAN SOCIALIST COUNTRIES].** Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1966.
- NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFI [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY].** Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1966.
- OBSHCHESTVO RUSSKIKH VETERANOV VELIKOI VOINY, San Francisco, Vestnik [SOCIETY OF RUSSIAN VETERANS OF THE GREAT WAR. Herald].** San Francisco, no. 232, Jan. 1966.
- PREPODAVANIIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS].** Issued by Ministerstvo prosvещения RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 21, no. 4, July-Aug. 1966.
- PYTANNIA NOVOI TA NOVIN'OI ISTORII [PROBLEMS IN MODERN AND RECENT HISTORY].** Kiev, no. 2, 1965.
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- Ivashina, M. K. - I. P. Kryp'yakevich; on his 80th birthday. p. 127.
- Prymnenko, O. I. - A conference of the historians of Donetsk University. p. 147.
- G. B. - The 20th Conference at the Faculty of History of Vologodsk University. p. 147.
- Vradil, M. F. - A conference on archival studies and auxiliary historical fields. p. 148.
- Vynokur, I. S. - Field studies of the Podolian Archaeological Expedition in 1984-1985. p. 150.
- V. S. - Professor S. I. Sidel'nikov's 50th birthday. p. 151.
- L. T. - Defense of a doctoral dissertation. p. 151.
- Tkanko, O. V. - Let us immortalize the places associated with the heroic past of the Ukrainian people. p. 152.

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 Dzyra, I. A. - Ukrainian literature and the story on Ivan Sirko in Samilo Velychko's annals. p. 154.
 A bibliography of bibliographies on the history of the Ukrainian S. S. R., 1960-1965 (continuation). p. 157.

b. ARCHAEOLOGY & ANTIQUITIES

MATERIALY I ISSLEDOVANIYA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U. S. S. R.]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 136, 1966.
 Contents: Mandel'shtam, A. M. [Nomads on the road to India] Kochevnik na puti v Indii. Vol. 5, 230 p.

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKIY UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, no. 6, June 1966.

Table of contents translated:
 Ruchin, S. - Give unremitting attention to business accounting. p. 3.
 Lukashov, I. - Business accounting in prospecting organizations. p. 8.
 Savitskiy, B. - What is new in the accounting of automotive transportation units. p. 10.
 Tverdokhlebov, N. - Bearers of primary information. p. 19.
 Sirota, V. - Improve the report analyticity. p. 25.
 Dembinskiy, N., Kaufman, M. - Pressing problems of the course in the "Economic analysis of the operations of industrial enterprises." p. 27.
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 Conference on the mechanization of accounting and computing work in the consumer cooperative system. p. 62.
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 The new instructional materials. p. 75.
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KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]. Issued by Sojuz potrebitel'skikh obshchestv Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S. S. R.]. Alma-Ata, vol. 9, no. 7, July 1966.

NOVYE TOVARY; informatsionnyi biulleten' [NEW CONSUMER GOODS; Information Bulletin]. Moscow, no. 6, 1966.

SOVETSKAYA POTREBITEL'SKAYA KOOPERATSHA [SOVIET CONSUMER COOPERATION]. Issued by Tsentral'nyi sojuz potrebitel'skikh obshchestv SSSR [Central Union of Consumers' Societies of the U. S. S. R.]. Moscow, vol. 10, no. 6, June 1966.

Table of contents translated:
 Editorial: The five-year plan is the concern of the millions. p. 2.
 Denisov, M. - Supply rural trade with a good material and technical foundation. p. 5.
 Iakovenko, V. - Vital problems of procurement. p. 10.
 Kunukov, S., Pankratov, F. - Ways for developing the mail order trade. p. 14.
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SOVETSKAYA TORGOVLYA [SOVIET COMMERCE]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po torgovle [State Committee of the Council of Ministers of the U. S. S. R. for Commerce]. Moscow, vol. 39, no. 7, July 1966.
 Table of contents translated:
 Trade workers' forum. p. 2.
 Antonov, S. - Increase the production and improve the quality of meat and dairy products. p. 6.
 Skovoroda, K. - First results. p. 11.
 Berger, I. - Scientific labor organization. p. 17.
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 Margolin, A. - Determining the population's demand for furniture. p. 46.
 Petrov, V., Tariverdiev, L. - From trade practice in Hungary and Czechoslovakia. p. 50.

b. ECONOMICS

LIAUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S. S. R.] and others. Vilnius, no. 0(94), Aug. 1966. [In Lithuanian]

MIROVAYA EKONOMIKA I MEZHHDUNARODNYE OTNOSHENiya [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, 1966.

Table of contents translated:
 Plaksin, S., Semenov, I. - International significance of the five-year plan. p. 3.
 Aleksandrovskaya, L. - Rates of economic development in African countries. p. 14.
 Byistrov, F. - Modern capitalism; international foreign exchange problems. p. 27.
 Vizens, J. - Spain: Tendencies of economic development. p. 40.
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 Prokhorova, G. - International agricultural organizations. p. 137.
 Katsman, V. - Political parties of Tanzania. p. 141.

MOSCOW. INSTITUT NARODNOGO KHOZIAISTVA. Trudy [INSTITUTE OF THE NATIONAL ECONOMY. Transactions]. no. 42, 1966. Problems of the supply of materials and equipment at the present stage.
 Table of contents translated:
 Lozovoy, I. A. D. - Some problems in the efficient provision of rolled metal products for the national economy. p. 3.

Sagadev, K. - Some problems of the comprehensive supply of materials and equipment in construction organizations. p. 20.
 Pavlova, G. S. - Ways of reducing the loss of mineral fertilizers. p. 34.
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 Bagaeva, S. A. - Organization of the supply of materials and equipment in Moscow industry, 1921-1925. p. 131.

NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA]. Issued by Gosplan Armianskoi SSR and Institut ekonomiki Akademii nauk Armianskoi SSR [State Planning Committee of the Armenian S. S. R. and the Institute of Economics of the Academy of Sciences of the Armenia S. S. R.]. Eriuan, no. 7, 1966.

NOVAYA INOSTRANNAIA EKONOMICHESKAYA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 6, 1966.

NOVAYA SOVETSKAYA EKONOMICHESKAYA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1966.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U. S. S. R. and the Economic Council of the U. S. S. R.]. Moscow, vol. 43, no. 6, Aug. 1966.

Table of contents translated:
 Golov, A. - Potentialities of growth of labor productivity. p. 1.
 Grushchitskiy, I. - Business accounting on state farms and prices. p. 6.
 Zheludkov, A. - Important potentiality of economy. p. 12.
 Dorokhov, L. - Ensure total utilization of labor resources. p. 25.
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 Dudakov, V. - Renewal of capital assets and efficiency of U. S. A. industry. p. 67.
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REFERATIVNIYI SBORNIK; EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS; ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, July 1966.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 23, no. 7, July 1966.

VILNA. ZEMES UKIO EKONOMIKOS MOKSLINIO TY-
RIMO INSTITUTAS. Darbai. Trudy Nauchno-issle-
dovatel'skogo instituta ekonomiki sel'skogo khozai-
stva [SCIENTIFIC RESEARCH INSTITUTE OF THE
ECONOMICS OF AGRICULTURE. Transactions].
Vol. 1, 1965.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Organ of
Gosudarstvennyi bank SSSR [U.S.S.R. State Bank].
Moscow, vol. 24, no. 7, July 1966.
Table of contents translated:
Accelerated development of agriculture. p. 3.
Slavnyi, I. - Currency circulation and the new system
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Semenov, V. - Credit and business accounting in agri-
culture. p. 21.
Rogovin, A. - Advancing direct bank credit to collec-
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Trishina, I. - National banks of African countries.
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Brief information on foreign exchange and banks
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In the Board of Directors of the State Bank of the
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FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Issued by
Ministerstvo Finansov SSSR [Ministry of Finance of the
U.S.S.R.]. Moscow, vol. 40, no. 7, July 1966.

Table of contents translated:
Editorial: Carry out successfully the first-year budget
of the five-year plan. p. 3.
Guzikov, I. - Some problems of financial organs'
economic work under new conditions. p. 7.
Miliushchikov, A. - Payment for production funds
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Bochko, A. - Strengthen economy of collective farms.
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Aleksandrilekht, V. - Raise profitability of automotive
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Chesnokova, M. - New procedure of planning economic
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Slavnyi, I. - Economic reform and new correlations
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Babaev, N. - What is new in financing and issuing
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Stepanov, V. - Control over efficiency of using capital
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Survey of articles and correspondence received by
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Some characteristics of computing cereal product
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Table of contents translated:
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Kuzin, M. - Help to reduce the cost of the administra-
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In the Collegium of the Ministry of Finance of the
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Gerasimov, A. - A new freely negotiable bond. p. 94.

d. LABOR

RABOTNITSA [THE WOMAN WORKER]. Published by
Izd-vo [Publishing House] "Pravda." Moscow,
nos. 7-8, July-Aug. 1966.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND
THE PEASANT WOMAN]. Issued by Tsentral'nyi
Komitet Komunisticheskoy partii Belorussii [Central
Committee of the Communist Party of White Russia].
Minsk, vol. 42, no. 7, July 1966.

SOVETSKIE PROFSOJIZY [SOVIET TRADE UNIONS].
Issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'-
nykh Sojuzov [All-Union Central Council of Trade
Unions]. Moscow, vol. 22, no. 14(344), July 1966.

Table of contents translated:
Put all resources of the land in the service of the
people! p. 1.
Filatov, I. - Meshchera will become fertile. p. 1.
Nikolova, T. - Fight for man, for strengthening the
positions of socialism and communism. p. 4.
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Popov, B. - In alliance with sociology. p. 7.
Thinking of the tomorrow. p. 9.
Gridin, S., Polynin, V. - Life in terms of figures.
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Pozhidaev, V. - Strengthen the collective farm
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In the All-Union Central Committee of Trade Unions.
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VSESOUZNYI TSENTRAL'NYI SOVET PROFESSIONAL'-
NYKH SOJUZOV. Sbornik postanovlenii [ALL-UNION
CENTRAL COUNCIL OF TRADE UNIONS. Decisions].
Moscow, Oct-Dec, 1965, publ. 1966.

e. SOCIOLOGY

AZERBAICHAN GADYNY [AZERBAIJAN WOMAN].
Issued by Tsentral'nyi Komitet Kommunisticheskoi
partii Azerbaidzhana [Central Committee of the
Communist Party of Azerbaijan]. Baku, no. 6, June
1966. [In Azerbaijanian]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi
otdel Kazach'e-amerikanskogo narodnogo sojuza
[Second Division of the Cossack American National
Alliance, Inc.]. Providence, R.I., vol. 14, nos. 159-
160, May-June 1966.

KAZAKSTAN EIELDERI [KAZAKHSTAN WOMAN].
Alma-Ata, no. 7, 1966. [In Kazakh]

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST
YOUTH]. Issued by Tsentral'nyi komitet Vsesotuz-
nogo leninskogo kommunisticheskogo sojuza molode-
zhi [Central Committee of the All-Union Communist
Youth League of Lenin]. Moscow, nos. 13-15, July-
Aug. 1966.

NOUKOGUDE NAINI [SOVIET WOMAN]. Issued by
EKP Keskkomitee [Central Committee of the Com-
munist Party of Estonia]. Tallinn, no. 8(254), 1966.
[In Estonian]

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET
LATVIA]. Issued by Latvijas Komunistiskas partijas
Centrālā Komiteja [Central Committee of the Com-
munist Party of Latvia]. Riga, no. 7(167), July 1966.
[In Latvian]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Kiev, Vol. 21,
nos. 7(247)-8(248), July-Aug. 1966.

SMENA [THE YOUNGER GENERATION]. Organ of Tsen-
tral'nyi komitet Vsesoyuznogo leninskogo kommuni-
sticheskogo sojuza molodezhi [Central Committee of the
All-Union Communist Youth League of Lenin].
Moscow, vol. 43, nos. 14(940)-16(942), July-Aug.
1966.

SOVET TURKMENISTANYN AIALARY [SOVIET
TURKMENISTAN WOMAN]. Organ of TsK KP Tur-
kmenistani [Central Committee of the Communist Party
of Turkmenistan]. Ashkhabad, no. 6(156), June 1966.
[In Turkmen]

UZBEKISTON SOTSIAL TA'MINOTI [SOCIAL SECURI-
TY OF UZBEKISTAN]. Issued by Ministerstvo so-
tsial'nogo obespecheniia Uzbekskoi SSR [Ministry of
Social Security of the Uzbek S.S.R.]. Tashkent,
no. 3(40), June 1966. [In Uzbek]

6. POLITICAL SCIENCE

AGITATOR. Issued by Otdel propagandy i agitatsii
Tsentral'nogo Komiteta Kommunisticheskoi partii
Azerbaidzhana [Propaganda and Dissemination Sec-
tion of the Central Committee of the Communist Par-
ty of Azerbaijan]. Baku, no. 1, May 1966.

AGITATOR. Issued by Tsentral'nyi Komitet Kommunisti-
cheskoi partii Sovetskogo Sojuza [Central Committee
of the Communist Party of the Soviet Union]. Moscow,
no. 6, Mar. 1964.

Table of contents translated:
Labor passport. p. 2.
Sutoiskii, S. - Holiday of proletarian solidarity. p. 3.
Sychev, M. - Internationalism is the standard of our
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- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK].** Issued by Otdel propagandy i agitatsii Kuybyshevskogo obkoma KPSS [Propaganda and Dissemination Section of the Kuybyshev Province Committee of the CPSU]. Kuybyshev, nos. 19, 24 Oct., Dec. 1965.
- EESTI KOMMUNIST [COMMUNIST OF ESTONIA].** Issued by Eestimaa Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 22, no. 7, July 1966. [In Estonian]
- KAZAKHSTAN KOMMUNISTI [COMMUNIST OF KAZAKHSTAN].** Issued by the Communist Party of Kazakhstan. Alma-Ata, no. 7, July 1966. [In Kazakh]
- KOMMUNIST [COMMUNIST].** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 49, no. 6(566), Aug. 1966.
- KOMMUNIST [COMMUNIST].** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 43, no. 12, Aug. 1966.
 Table of contents translated:
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- KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA].** Issued by Tsentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 40, no. 8, Aug. 1966.
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- KOMMUNIST ESTONIA [COMMUNIST OF ESTONIA].** Issued by Tsk Kompartii Estonii [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 22, nos. 6-7, June-July 1966.
- KOMMUNIST SOVETSKOI LATVII [COMMUNIST OF SOVIET LATVIA].** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, vol. 21, no. 5, May 1966.
- KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN].** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 38, no. 7, July 1966.
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- KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN].** Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 31, no. 8, Aug. 1966. [In Tajik]
- KOMUNISTAS [COMMUNIST].** Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 7(505), July 1966. [In Lithuanian]
- KOMUNISTUL MOLODOVEI [COMMUNIST OF MOLDAVIA].** Issued by the Central Committee of the Communist Party of Moldavia. Kishinev, vol. 11, no. 7, July 1966. [In Moldavian]
- LENINIAN UGHOV [LENIN'S WAY].** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Armanii [Central Committee of the Communist Party of Armenia]. Erivan, vol. 45, no. 7, July 1966. [In Armenian]
- MOSCOW, Ispolnitel'nyi komitet. Biulleten' [Executive Committee, Bulletin].** No. 1(559), Jan. 1965.
- NOVOE VREMIA [NEW TIMES].** Moscow, vol. 24, no. 34(1108), Aug. 1966.
 Table of contents translated:
 Editorial: Washington and Europe. p. 1.
 Our commentaries.
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- Vol. 24, no. 37(1111), Sep. 1966.
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PADOMJU LATVIJAS KOMUNISTI [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas Komunistiskās partijas Centrālā Komiteja [Central Committee of the Communist Party of Latvia]. Riga, vol. 21, no. 7, July 1966. [In Latvian]

PARTIA TURMUSHI [PARTY LIFE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no. 7, July 1966.

PARTIYNAYA ZHIZN' [PARTY LIFE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 16, Aug. 1966.

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PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 9, nos. 7(85)-8(86), July-Aug. 1966.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, no. 7, 1966. [In Turkmen]

UKRAINS'KYI SAMOSTIYNYK [UKRAINIAN INDEPENDENT]. Munich, vol. 17, nos. 4(498), 6(500)-7/8(501-502), Apr., June-Aug. 1966.

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 38, no. 7, July 1966. [In Uzbek]

VISNYK. THE HERALD. Organ of Organizatsiia oborony chotyrykh svobod Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol. 20, no. 8(211), Sep. 1966.

VOPROSY ISTORII KPSS [PROBLEMS IN THE HISTORY OF THE CPSU]. Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU]. Moscow, vol. 10, no. 8, Aug. 1966.

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ZNAMIA ROSSII; Organ Russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA; Organ of Russian Independent Monarchistic Thought]. New York, nos. 268-269, July-Sep. 1966.

7. LAW

LATVIAN S.S.R. Augstaka Padome, Zinatajs [Supreme Soviet, Gazette]. Riga, vol. 24, nos. 23(2164)-24(2165), June 1966.

- LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT MORSKOGO FLOTA, Sbornik materialov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE, Materials]. No. 156, 1966. Morskoe pravo i praktika [Maritime Law and Practice], no. 31.
- Table of contents translated:
- Davydov, A. P. - International laws which regulate fishery on the high seas. p. 3.
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- MOSCOW, UNIVERSITET. Vestnik. Seriya 12: Pravo [UNIVERSITY. Review. Series 12: Law]. Vol. 21, no. 2, Mar.-Apr. 1966.
- Table of contents translated:
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- RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sud. Vestnik [Supreme Soviet. Gazette]. Moscow, vol. 12, nos. 27(408), 28(409)-32(410), July-Aug. 1966.
- RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sud. Vestnik [Supreme Court. Bulletin]. Moscow, 1966, 1964.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Vsesoyuznyy nauchnoyshchyy zavod pri pravovedeniye Ministerstva vysshego i srednego spetsial'nogo obrazovaniya, Bulletin of the Institutions of Higher Learning Jurisprudence. Moscow, vol. 10, no. 1, 1966.
- Table of contents translated:
- Antonov, L. I. - Stages of making law in the U.S.S.R. p. 3.

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- RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette], Moscow, vol. 20, nos. 36(1324)-37(1328), July-Aug. 1966.**
- SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY].** Organ of Prokuratura SSSR and Verkhovnyi Sud SSSR [Office of the Public Prosecutor of the U.S.S.R. and the Supreme Court of the U.S.S.R.], Moscow, no. 5, May 1966.
- Table of contents translated:
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- KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS].** Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol. 41, no. 6, June 1966. [In Kazakh]
- KRAIEZNAVSTVO V SHKOLI [REGIONAL STUDIES IN SCHOOLS].** Issued by Nauchno-doslednyi institut pedagogiki [Scientific Research Institute of Pedagogy], Kiev, no. 7, 1963.
- KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK].** Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S. F.S.R.], Moscow, no. 7, July 1966.
- NARODNAIA ASVETA [PUBLIC EDUCATION].** Organ of ministerstvo osvity BSSR [Ministry of Education of the White Russian S.S.R.], Minsk, no. 7, July 1966.
- NARODNOE OBRAZOVANIE [PUBLIC EDUCATION].** Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S. F.S.R.], Moscow, no. 8, Aug. 1966.
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- NOUKOGUDE KOOL [SOVIET SCHOOL].** Issued by Eesti Nõukogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S.S.R.]. Tallinn, nos. 7-8, July-Aug. 1966. [In Estonian]
- PEDAGOGIKA I NARODNOE OBRAZOVANIE V ZARUBEZHNYKH STRANAKH; sbornik referatov [PEDAGOGY AND PUBLIC EDUCATION ABROAD; Abstracts].** Issued by Institut teorii i istorii pedagogiki Akademii pedagogicheskikh nauk RSFSR [Institute of the Theory and History of Pedagogy of the Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, no. 1, 1963; no. 4, 1964; no. 3/4, 1965, cover 1966.
- RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education, Bulletin].** Moscow, no. 7, July 1966.
- SKOLA UN ĢIMENE [SCHOOL AND FAMILY].** Issued by LPSR Izglitības ministrija [Ministry of Education of the Latvian S.S.R.]. Riga, no. 7(31), July 1966. [In Latvian]
- SOVET MAK'TABI [SOVIET SCHOOL].** Organ of Ministerstva prosvetsheniia Uzbekskoi SSR [Ministry of Education of the Uzbek S.S.R.]. Tashkent, no. 6, June 1966. [In Uzbek]
- VOSPITANIE SHKOL'NIKOV [EDUCATION OF STUDENTS].** Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 1, nos. 1-3, Jan-June 1966.
- b. PHYSICAL EDUCATION & GAMES**
- BIBLIOTECHKA SPORTSMENOV-PODYVODNIKA [LITTLE LIBRARY OF THE SPORTSMAN-DIVER].** Moscow, no. 14, 1966.
- FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS].** Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 7, 1966.
- FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS].** Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.]. Moscow, no. 7(817), July 1966.
- KEHAKULTUUR [PHYSICAL CULTURE].** Organ of Eesti NSV Spordihingute ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.]. Tallinn, vol. 27, nos. 13(550)-14(551), July 1966. [In Estonian]
- LEGAIA ATLETIKA [TRACK AND FIELD ATHLETICS].** Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 11, nos. 6(133)-7(134), June-July 1966.
- SARS [CHESS].** Issued by Latvijas PSR Sporta biedrību organizācija savienība un Saha federācija [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.]. Riga, no. 12(170), June 1966. [In Latvian]
- SHAKHMATNYI BIULETEN' [CHESS BULLETIN].** Organ of Shakhmatnaya federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 12, no. 8, Aug. 1966.
- SHAKHMATY [CHESS].** Issued by Soluz sportivnykh obshchestv i organizatsii i Shakhmatnaya federatsiia Latviskoi SSR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.]. Riga, no. 12(158), June 1966.
- SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.].** Organ of Shakhmatnaya federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 43, nos. 7-8, July-Aug. 1966.
- SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA].** Organ of Vserossiiskii sovet Soiuza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol. 10, no. 8, 1966.
- SPORTIVNYE IGRY [ATHLETIC GAMES].** Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 12, nos. 6(136)-7(137), June-July 1966.
- START.** Organ of Rada Soiuza sportivnykh tovarystv i organizatsii Ukrain'skoi RSR [Council of the Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no. 7, July 1966.
- 9. MUSIC, THEATER & MOTION PICTURES**
- a. MOTION PICTURES**
- ISKUSSTVO KINO [CINEMA ART].** Organ of Ministerstvo kul'tury SSSR i Soluz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and the Association of Cinematographers Workers of the U.S.S.R.]. Moscow, vol. 36, no. 5, 1966.
- Table of contents translated:
 The realism of thinking. p. 1.
 Kulidzhyanov, Lev, Iul'kevich, Sergei. - The delegates to the congress speak. p. 5.
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- Vol. 36, no. 6, 1966.
- Table of contents translated:
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- Vol. 36, no. 7, 1966.
- Table of contents translated:
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- KINOMEKHANIK [MOTION-PICTURE OPERATOR].** Issued by Gosudarstvennyi komitet Sovetskoi Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures]. Moscow, nos. 7-8, July-Aug. 1966.
- NOVYNY KINOERKHAU [CINEMA NEWS].** Kiev, no. 8(11), Aug. 1966.
- SOVETSKII EKRAU [THE SOVIET SCREEN].** Organ of Komitet po kinematografii pri Sovetskoi Ministrov SSSR i Soluz kinematografistov SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U.S.S.R., and the Union of Motion-Picture Workers of the U.S.S.R.]. Moscow, nos. 11(227)-14(230), June-July 1966.
- SOVETSKII FIL'M [SOVIET FILMS].** Issued by Vsesoiuznoe obshchestvo [All-Union Association] "Tavak-sportfil'm." Moscow, nos. 6(109)-7(110), June-July 1966.
- SOVETSKOE RADIO I TELEVIDENIE [SOVIET RADIO AND TELEVISION].** Issued by Gosudarstvennyi komitet po radioveshchaniu i televideniiu pri Sovetskoi Ministrov SSSR [State Committee on Radiobroadcasting and Television, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 12, no. 10, Oct. 1966.
- Table of contents translated:
 Forum of 10. p. 1.
 Nikolaev, N. - A bright page of history. p. 4.
 Chernykh, V. - If you feel that you are fighters. p. 6.
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- b. MUSIC**
- KRUGOZOR [HORIZON].** Moscow, no. 7, 1966.
- LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE].** Issued by Vsesoiuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 2, 1966.
- MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE].** Organ of Soluz kompozitorov SSSR i Ministerstva kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 9, nos. 12, 14, June-July 1966.
- SOVETSKAIA MUZYKA [SOVIET MUSIC].** Organ of Soluz kompozitorov SSSR i Ministerstva kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 30, no. 8, May 1966.
- Table of contents translated:
 Dresden, Sim. - With the "Internationale." p. 5.
 Dmitrieva, N. - Thomas Mann on the crisis of bourgeois culture. p. 11.

- Liaschenko, I., and others. - From the conference on theory. p. 22.
- Abasova, E. - Triumph of the love for life. p. 34.
- Gendin, L. - Seven evenings, seven productions. p. 36.
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- Rud', I. - Pleasant journey, Barankin. p. 54.
- Murontsev, IU. - After a long neglect. p. 57.
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- El'sek, O. - The periodical, the authors, and the readers. p. 143.

c. THEATER

- KLUB I KHUZOZHSTVENNAIA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi Tsentral'nyi Sovet Protosoiuzna'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 10, nos. 13-15, July-Aug. 1966.

- MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodaia gvardiia" ["Young Guard"]. Moscow, no. 3(135), 1966.

- NA DOPOMOHU KHUZOZHNI SAMODIAL'NOSTI; repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS; Repertorial Collection]. Kiev, no. 4(94), July 1966.

- TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.]. and others. Moscow, nos. 14-15, July-Aug. 1966.

10. FINE ARTS

a. GENERAL

- DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U. S. S. R.]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, vol. 10, no. 7(104), July 1966.

- LETOPIS' IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF FINE ARTS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 2, 1966.

- MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSS [Ministry of Culture of the Ukrainian S. S. R.] and others. Kiev, vol. 13, no. 3(72), May-June 1966. Table of contents translated: You must show the beauty of Soviet people, our artists! 1 p.

- Awarding Lenin prizes for the most remarkable artistic achievements. p. 2.

- Gerasimov, S. - The pathos of rejuvenation. p. 3.
- Denysenko, V. - You are welcome! p. 5.
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- Grichus, J. - We meet in Kiev again. p. 12.
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- Svashenko, S. - How we created the dance of Vasyi'. p. 23.

- Shcherbak, A. - Shalpin on the scene. p. 25.
- Borysenko, IU. - We should find the new ways of creative work. p. 29.

- Kharchenko, V. - Creative courage. p. 30.
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- Novits, P. - For those who long for creative work. p. 40.
- Brief news. p. 3 of cover.

- SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Armianskoi SSR po khudozhestvennoi (Ministry of Culture of the Armenian S. S. R. and the State Committee of the Council of Ministers of the Armenian S. S. R. for Motion Pictures). Erivan, nos. 6-7, 1966. [In Armenian]

- SOVETSKOE FOTO [SOVIET PHOTO]. Issued by Soluz zhurnalstov SSSR [Association of Journalists of the U. S. S. R.]. Moscow, no. 7-8, July-Aug. 1966.

- TVORCHESTVO [CREATIVE WORK]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, nos. 6(114)-7(115), 1966.

b. ARCHITECTURE

- STATYBA IR ARCHITEKTURA. STROITEL'STVO I ARHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Lietuvos TSR Ministras Tarybos Valstybinis aukstojo ir specialiojo vidurinio mokslo komitetas [State Committee of Higher and Specialized Secondary Education of the Council of Ministers of the Lithuanian S. S. R.]. Vilnius, vol. 4, 1964.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

- INOSTRANNYE IAZYKY V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 3, May-June 1966.

- KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S. S. R. and the Association of Writers of the Estonian S. S. R.]. Tallinn, vol. 19, nos. 7-8, July-Aug. 1966. [In Estonian]

- NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNAANIU [NEW FOREIGN LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1966.

- NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNAANIU [NEW SOVIET LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1966.

- RUSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, no. 4, July-Aug. 1966.

- RUSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 4, July-Aug. 1966.

- UKRAINS'KA MOVA I LITERATURA V SHKOLII [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS]. Issued by Ministerstvo osvity URSS [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 10, no. 7, July 1966.

- UKRAINS'KA VIL'NA AKADEMIIA NAUK. Seriya: Nazvovoznavstvo [UKRAINIAN FREE ACADEMY OF SCIENCES. Series: Onomastica]. Winnipeg, no. 30, 1965; nos. 31-32, 1966.

b. LITERATURE & FOLKLORE

- ALA-TOO; Literaturno-khudozhestvennyi i obshchestvenno-politicheski zhurnal [ALA-TAU; Literary and Sociopolitical Magazine]. Organ of Soluz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirgizia and the Ministry of Culture of the Kirgiz S. S. R.]. Frunze, vol. 36, no. 6, June 1966. [In Kirgiz]

- AZERBAICHAN [AZERBAIJAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, no. 6, June 1966. [In Azerbaijani]

- DILA [MORNING]. Issued by Tsentral'nyi komitet leninskogo kommunisticheskogo soluza molodezhi Gruzii i Respublikanskii sovet organizatsii turykh pionerov im. V. I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pioneers]. Tiflis, nos. 7-8, July 1966. [In Georgian]

- DNIPRO [DNEPER]. Organ of Tsentral'nyi komitet Leninskogo kommunisticheskogo soluza molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 40, no. 8, Aug. 1966.

- DON. Organ of Soluz pisatelei RSFSR and Rostovskoe otdelenie Soluza pisatelei [Association of Writers of the R. S. F. S. R. and the Rostov Branch of the Association of Writers]. Rostov-on-Don, vol. 10, no. 7, July 1966.

- DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 20, no. 5, 1966.

- GRANI [FRONTIERS]. Published by "Pesev." Frankfurt/Main, vol. 21, no. 60, 1966.

- INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, no. 7, July 1966.

- IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 12, nos. 7(135)-8(136), July-Aug. 1966.

- KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Soviet Latvia]. Riga, no. 8, 1966. [In Latvian]

- KHOTUGU SULUS [STAR OF THE NORTH]. Yakutsk, no. 4, 1966. [In Yakut]

- LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 27, no. 4, July-Aug. 1966.

- LITERATURNAAIA ARMENIA [LITERARY ARMENIA]. Organ of Pravlenie Soluza pisatelei Armenii [Administration of the Association of Writers of Armenia]. Erivan, vol. 8, nos. 6-7, June-July 1966.

- LITERATURNAAIA GRUZIA [LITERARY GEORGIA]. Organ of Soluz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol. 10, nos. 7-8, July-Aug. 1966.

- LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol. 24, nos. 3-4, May-July 1966.

- LITERATURNYI KIRGIZSTAN [LITERARY KIRGIZISTAN]. Organ of Soluz pisatelei Kirgizii [Association of Writers of Kirgizia]. Frunze, vol. 12, no. 3, May-June 1966.

- LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S. S. R.]. Tallinn, nos. 7-8, July-Aug. 1966. [In Estonian]

- MOSCOW, UNIVERSITET. Vesnik. Seriya 11: Zhurnalistsika [UNIVERSITY. Review. Series 11: Journalism]. Vol. 21, no. 1, Jan.-Feb. 1966.

- Table of contents translated: Zsaszaki, I. M. - For a scientific approach to the problems of journalism. p. 3.

- Palgunov, N. G. - Notes on information. p. 7.
- Uchenova, V. V. - The "today" of newspaper polemics. p. 17.

- Iaroshenko, V. N. - Study of the radio audience. p. 27.
- Popov, V. V. - Some problems of color format for newspapers. p. 40.

- Gerasimova, G. A. - 6th congress of the Hungarian Journalists' Union. p. 50.

- Traskunova, A. M. - At the sources of the Algerian national press. p. 66.

- Kiselev, A. P. - English monopolies' press in the service of the neocolonialists. p. 65.

- Rakhmanova, L. I. - Notes on contemporary word usage; the meaning and use of the word "avtor" p. 70.

Formanovskaya, N. I. - From observations on the use, in the language of the press, of verb-noun combinations (of the "vesti rabotu" type). p. 75.
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 Kuznetsov, I. V. - Secret of the headline. p. 81.
 Gur'lanov, V. P. - Correction by one day: literary history notes on Pushkin (continuation). p. 83.

MOSKVA [MOSCOW]. Organ of Soluz pisatelei RSFSR and Moskovskoe otdelenie Soluza pisatelei RSFSR [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers of the R.S.F.S.R.]. Moscow, vol. 10, no. 7, 1966.

NASH SOVREMENNİK [OUR CONTEMPORARY]. Organ of Soluz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, no. 7, July 1966.

NEMAN [NEMAN RIVER]. Organ of Soluz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 15, no. 7, July 1966.

NEVA. Organ of Soluz pisatelei RSFSR and Leningradskoe otdelenie Soluza pisatelei [Association of Writers of the R.S.F.S.R. and the Leningrad Branch of the Association of Writers]. Leningrad, no. 8, 1966.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 35, no. 6, 1966. [In Moldavian]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1966.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1966.

PERGALE [THE VICTORY]. Organ of Lietuvos TSR rasytoju sąjunga [Association of Writers of the Lithuanian S.S.R.]. Vilnius, nos. 7-8, 1966. [In Lithuanian]

POLYMIA [FLAME]. Organ of Soluz pis'mennikov BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 44, no. 8, Aug. 1966.

PRAPOR; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 7, 1966.

PROSTOR [WIDE-OPEN SPACES]. Issued by Soluz pisatelei i TsK LKSM Kazakhstana [Association of Writers and the Central Committee of the Lenin Communist Youth League of Kazakhstan]. Alma-Ata, no. 8, Aug. 1966.

PUNALIPPU [THE RED BANNER]. Issued by Soluz pisatelei Kareli ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol. 23, no. 3, 1966. [In Finnish]

RADUGA [THE RAINBOW]. Organ of Pravitel'stvo Soluza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol. 16, no. 8, Aug. 1966.

SEVER [THE NORTH]. Issued by Soluz pisatelei Kareli ASSR and Arkhangel'skoe i Vologodskoe otdelenie Soluza pisatelei RSFSR [Association of Writers of the Karelian A.S.S.R. and the Archangel and Vologda Branches of the Association of Writers of the R.S.F.S.R.]. Petrozavodsk, vol. 27, no. 4, July-Aug. 1966.

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol. 34, nos. 6-7, June-July 1966. [In Uzbek]

SHASHKEVYCHIANA. Issued by Markian Shashkevych Center. Winnipeg, vol. 3, no. 4/5, Nov. 1965.

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Soluz pisatelei RSFSR and Novosibirskoe otdelenie Soluza pisatelei [Association of Writers of the R.S.F.S.R. and the Novosibirsk Branch of the Association of Writers]. Novosibirsk, vol. 45, no. 7, 1966.

SOVET EDEBLIATY [SOVIET LITERATURE]. Organ of Soluz sovetskikh pisatelei TSSR [Association of Soviet Writers of the Turkmen S.S.R.]. Ashkhabad, nos. 6-7, June-July 1966. [In Turkmen]

SOVREMENNİK [CONTEMPORARY]. Toronto, no. 13, June 1966.

URAL. Issued by Sverdlovskoe otdelenie Soluza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, vol. 0, no. 7, July 1966.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kiev, vol. 34, no. 8, Aug. 1966.

VOZROZHDENIE [RENAISSANCE]. Paris, no. 170, Aug. 1966.

ZHOVEN' [OCTOBER]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Lvov, nos. 7-8, 1966.

ZHULDYZ [STAR]. Issued by Soluz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no. 8, Aug. 1966. [In Kazakh]

ZNAMIA [THE BANNER]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 36, no. 7, July 1966.

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ZVEZDA [THE STAR]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Leningrad, no. 6, June 1966.

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ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soluz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol. 34, no. 7, 1966.

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a. ETHNOLOGY

AKADEMIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Ethnography. Transactions]. Moscow, vol. 49, 1965. Contents: Gurvich, I. S. [Ethnic history of North-eastern Siberia]. Bluzhenkaya istoriya Severo-Vostochnoi Sibiri. 269 p.

b. GEOGRAPHY

AKADEMIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oceanography. Transactions]. Moscow, vol. 32, 1966. Studies of radioactive contamination of waters of the world ocean.

Table of contents translated:

Popov, N. I., and others. - Strontium-90 in the waters of the Pacific Ocean. Report No. 3: Vertical distribution in the central area, 1961. p. 5.

Popov, N. I., Orlov, V. M., Dabizhin, V. F. - Strontium-90 in the waters of the Pacific Ocean. Report No. 4: Surface water of the South China Sea, 1962. p. 16.

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Popov, N. I., Orlov, V. M., Patin, S. A. - Strontium-90 in the deep waters of the Indian Ocean. p. 24.

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Popov, N. I., Patin, S. A. - Reliability of present-day chemical determinations of strontium-90 in seawater. p. 91.

GEOGRAFIYA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 4, July-Aug. 1966.

TOGAFICHESKAYA LETOPIS', 1965 [CARTOGRAPHIC CHRONICLE, 1965]. Issued by Vsesoyuznaya kartaizdatnaya palata [All-Union Book Chamber]. Moscow, 1966.

PERATIVNYI ZHURNAL: GEOGRAFIYA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1966.

KRUG SVETA [AROUND THE WORLD]. Issued by Tsentral'nyi komitet Vsesoyuznogo leninskogo kommunistskogo soyuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 7, July 1966.

c. GEOLOGY & PALEONTOLOGY

AKADEMIA NAUK ARMIAANSKOI SSR, Eriyan, Izvestia. Nauki o zemle [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin, Earth Sciences]. Eriyan, vol. 19, no. 3, 1966.

- Table of contents translated:
- Abkian, S.A. - Ostracoda from Pliocene sediments in Armenia. Report No. 2. p. 3.
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AKADEMIA NAUK GRUZINSKOI SSR, Tiflis, Geologicheskii Institut, Trudy, Novaya seriya [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Geological Institute, Transactions, New Series]. Tiflis, no. 5, 1965.

- Contents: Dudauri, O. Z. [Petrography of subvolcanic small intrusives in Bolnisi District] Petrografia subvolkanicheskikh mal'kh intruzivov Bolnisskogo raiona. 105 p.

AKADEMIA NAUK SSSR, Izvestia, Seriya geologicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Geological Series]. Moscow, vol. 31, no. 7, July 1966.

- Table of contents translated:
- Mitrochuk, M.F., Teodorovich, G.I., Khachatryan, R.O. - Characteristics of the distribution of oil and gas fields in the Volga-Ural oil- and gas-bearing region. p. 3.
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Contents: Shantser, E.V. [Principles of the studies of genetic types of continental sedimentary formations] Ocherki ucheniya o geneticheskikh tipakh kontinental'nykh osadочnykh obrazovaniy. 239 p.

AKADEMIA NAUK SSSR, Komissiya po izucheniya chetvertichnogo perioda, Bulletin [ACADEMY OF SCIENCES OF THE U.S.S.R. Commission for the Study of the Quaternary Period, Bulletin]. Moscow, no. 31, 1966.

- Table of contents translated:
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***GEOLOGIA I GEOFIZIKA** [GEOLOGY AND GEOPHYSICS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.], Novosibirsk, no. 3, 1966.

- Table of contents translated:
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Table of contents translated:
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LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Vol. 139, 1966.
 Contents: Nekhoroshev, V. P. [Tectonics of the Altai] Tektonika Altaia 308 p.

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 Contents: Skvortsov, G. G., Romanovskaya, L. I. [Studies and prognoses in prospecting for mineral deposits from viewpoint of engineering geology; intended for development by method of strip mining] Inzhenerno-geologicheskie issledovaniya i prognozy pri razvedke mestorozhdenii poleznykh iskopayemykh; namechenyykh k razrabotke otkrytym sposobom. 159 p.

***MOSKOVSKOE OBNCHESTVO ISPYTATELEY PRIRODY. Bulletin [MOSCOW NATURALISTS' SOCIETY. Bulletin].** New series, vol. 71, Otdel geologicheskii [Geological Section]. Moscow, vol. 41, no. 2, Mar-Apr. 1966.

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REFERATIVNYI ZHURNAL: GEOLOGII [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1966.

SBORNIK STATEI PO GEOLOGII I GIDROGEOLOGII [PAPERS ON GEOLOGY AND HYDROGEOLOGY]. Issued by Vostochno-gidrogeologicheskoye upravleniye Ministerstva geologii SSSR [Second Hydrogeological Administration of the Ministry of Geology of the U.S.S.R.]. Moscow, no. 6, 1965.

Table of contents translated:
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VSESOIUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT PIEZOOPTICHESKOGO MINERALNOGO SVETA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PIEZO-OPTICAL MINERAL RESOURCES. Transactions]. Moscow, vol. 1, no. 1, 1957. [LC copy incomplete.]

Table of contents translated:
 Chernysheva, L. P. - Geological characteristics of the pegmatites of Volyn', their morphology and tectonic structure. p. 11.
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Vol. 4, no. 2, 1960. [LC copy incomplete.]
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- NOVYE KNIGI ZA RUBEZHOM. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografiya [NEW FOREIGN BOOKS, Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography].** Moscow, vol. 19, no. 7, July 1966.
- REFERATIVNYI ZHURNAL: KIBERNETIKA [JOURNAL OF ABSTRACTS: CYBERNETICS]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966.
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- ZNANNIA TA PRATSLIA [KNOWLEDGE AND WORK].** Issued by Tsentral'nyi komitet Leninskoho komunistychnoho soluzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, nos. 7(317)-8(318), July-Aug. 1966.
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- AKADEMIA NAUK SSSR, Sibirskoe otdelenie, Izvestiya [ACADEMY OF SCIENCES OF THE U.S.S.R., Siberian Department, Bulletin].** Novosibirsk, no. 7, 1966. Seriya biologo-meditsinskikh nauk [Series in the Biological and Medical Sciences], no. 1.
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- Table of contents translated:
- Kazarian, V.O., Abramian, A.G., Gabriellian, G.G. - Synchronization of the diurnal rhythm of sap exudation with the light balance. p.3.
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- BIOLOGIA V SHKOLE [BIOLOGY IN SCHOOLS].** Organ of Ministerstva prosvoshchenia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, no.4, July 1966.
- *FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.].** Issued by Vsesoiuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society], Moscow, vol.50, no.7, July 1964.
- Table of contents translated:
- ...K. - Comparative electrophysiological of the changes in the lability of the corticocortical evoked potential in the postnatal. p.773.
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- FIZIOLOGICHESKII ZHURNAL [PHYSIOLOGICAL JOURNAL].** Issued by Institut fiziologii Akademii nauk USSR [Institute of Physiology of the Academy of Sciences of the USSR], Kiev, vol.12, no.4, July-Aug. 1968.
- Table of contents translated:
- Lymans'kiy, I.U.P., Zay'nyov, O.V. - Functional conditions of motor and intermediate neurons of the hypoglossal nerve nucleus in cats. p.425.
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- *GENETIKA [GENETICS]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no. 4, Apr. 1966.
- Table of contents translated:
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- IUNYI NATURALIST [YOUNG NATURALIST]. Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo komunisticheskogo soiuza molodezhi and Tsentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, nos. 6-7, 1966.
- LIETUVOS TSR AUKSTUJU MOKYKLŲ MOKSLO DARBŲ BIOLOGIJA. Nauchnye trudy vysshikh uchebnykh zavedenii Litovskoi SSR: Biologiya [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R.: BIOLOGY]. Vilnius, vol. 1, 1961.
- MOSCOW, UNIVERSITET. Vestnik. Seriya 6: Biologiya, pochovedenie [UNIVERSITY. Review. Series 6: Biology, Soil Science]. Vol. 21, no. 2, Mar.-Apr. 1966.
- Table of contents translated:
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- *RADIOBIOLOGIJA [RADIOBIOLOGY]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 4, 1966.
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- REFERATIVNYI ZHURNAL: BIOLOGICHESKAYA KHIMIJA (Olden'nyi vypusk 306) [JOURNAL OF ABSTRACTS: BIOCHEMISTRY (Separate Issue 306)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, June 1966.
- REFERATIVNYI ZHURNAL: BIOLOGIJA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Avtorekiz ukazatel' za 1965 g. [Author Index for 1965]
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshikh shkoly; biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]. Moscow, vol. 8, no. 3(35), 1966.
- Table of contents translated:
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- ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENERAL BIOLOGY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 27, no. 4, July-Aug. 1966.
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- Table of contents translated:
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- *AKADEMIYA NAUK SSSR, *Izvestiya. Seriya khimicheskaya* [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Chemical Series]. Moscow, no. 7, 1966.
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- KHIMICHESKAIA INFORMATSIIA; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [CHEMICAL INFORMATION; Classified Index of Articles in Foreign Periodicals].** Issued by Vsesoiuznaya gosudarstvennaia biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature], Moscow, no. 7(147), July 1966.
- *KHIMIIA GETEROTSIKLICHESKIIH SOEDINENII [CHEMISTRY OF HETEROCYCLIC COMPOUNDS].** Issued by Akademiia nauk Latvskoi SSR [Academy of Sciences of the Latvian S.S.R.], Riga, no. 3, 1966.
- KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS].** Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, vol. 21, no. 4, July-Aug 1966.
- *KOLLOIDNYI ZHURNAL [COLLOID JOURNAL].** Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 20, no. 3, May-June 1966.
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- *VYSOKOMOLEKULIARNYE SOEDINENIYA [MACRO-MOLECULAR COMPOUNDS].** Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 8, no. 3, Aug. 1966.
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- e. MATHEMATICS
- AKADEMIA NAUK GRUZINSKOI SSR, Tiflis. Matematika. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Mathematical Institute. Transactions]. Tiflis, vol. 30, 1966.
- Contents: Vekun, I. N. [Theory of thin shallow shells of variable thickness] Teoriya tonkikh plogikh obolochek peremennoi tolshchiny. 101 p.
- Vol. 31, 1966. Sbornik rabot po teorii funktsii [Collection of articles on the theory of functions], pt. 1.
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- AKADEMIA NAUK GRUZINSKOI SSR, Tiflis. Vychislitel'nyi tsentr. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Computation Center. Transactions]. Tiflis, vol. 6, 1966. Problems in the theory of functions.
- Table of contents translated:
- Gagua, M. B. - Numerical solution of ordinary differential equations. p. 2.
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- AKADEMIA NAUK SSSR. Vychislitel'nyi tsentr. Obshchie voprosy programirovaniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Computation Center. General Problems in Programming]. Moscow, no. 2, 1966.
- Contents: Ageev, M. I., Aluk, V. P., Galis, R. M. [Algorithms] Algoritmy. 105 p.
- *DIFFERENTIAL'NYE URAVNIENIYA [DIFFERENTIAL EQUATIONS]. Minsk, vol. 2, no. 7, July 1966.
- Table of contents translated:
- Barbashin, E. A. - Stability with respect to pulse effects. p. 863.
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- MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Issued by Akademiya nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 70(112), no. 2, June 1966.
- Table of contents translated:
- Gaposhkin, V. F. - Sequences of functions and a central limit theorem. p. 145.
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- RUSSIA (1923- U.S.S.R.). Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mathematics]. Moscow, no. 4(53), 1966.
- Table of contents translated:
- Balash, E. E. - Determination of the number of nonisomorphic groups of the order that is not divisible by the square of a prime number. p. 3.
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SIBIRSKII MATEMATICHESKII ZHURNAL [SIBERIAN MATHEMATICAL JOURNAL]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 4, July-Aug. 1968.

- Table of contents translated:
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UDARSTVENNYI UNIVERSITET [STATE UNIVERSITY, Mathematical Annals].

translated:

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- Table of contents translated:
- Nodia, M. Z., Katslashvili, N. A., Berishvili, G. P. - Perturbed variations of geomagnetic field according to magnetograms of Tbilisi-Karsant-Dusheti Observatory, 1900-1956. p. 5.
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*AKADEMIYA NAUK SSSR, Izvestiia. Fizika atmosfery i okeana [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Atmospheric and Oceanic Physics], Moscow, vol. 2, no. 6, June 1966.

- Table of contents translated:
- Romov, A. I. - Vertical motions in atmospheric track. p. 561.
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AKADEMIYA NAUK URSSR, Kiev, Geofizicheskii otdel [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R., Geophysical Papers], Kiev, no. 15, 1968.

- Table of contents translated:
- Indefatigable service to science. p. 6.
- Balashovich, I. A. - Basic stages in the development of geophysical science in the Ukraine. p. 11.
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ELEKTRONNYE I IONNYE PROTSESSY V TVERDYKH TELAKH [ELECTRONIC AND IONIC PROCESSES IN SOLIDS]. Issued by Institut fiziki Akademii nauk Gruzinskoi SSR [Institute of Physics of the Academy of Sciences of the Georgian S.S.R.], Tiflis, no. 2, 1965.

- Table of contents translated:
- Andronikashvili, E. L., and others. - Changes due to radiation, in the density of dislocations in alkali halide crystals irradiated in a reactor at usual and low temperatures. p. 3.
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- Table of contents translated:
- Berezin, I.U.A., Kurmukhmetov, R.Kh., Neaterikhin, I.U.E. - Collisionless shock waves in a rarefied plasma. p. 3.
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- Table of contents translated:
- Tsakadze, Dzh.S. - Spatial anisotropy of the viscous properties of rotating helium II. p. 3.
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- *ADERNAL FIZIKA. JOURNAL OF NUCLEAR PHYSICS.** Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet po ispol'zovaniu atomnoi energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, vol. 3, no. 4, June 1966.
- Table of contents translated:
- Zherabin, E.A., Krylov, A.I., Polikarpov, V.I. - Study of Ca^{40} and Ca^{48} decay. p. 981.
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- Vol. 4, no. 2, Aug. 1966.
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- KIEV, UKRAINSKII NAUCHNO-ISLEDovATELSKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [UKRAINIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions].** No. 63, 1966. Diversified studies of irrigation farming.
- Table of contents translated:
- Dubinskii, G.P., and others. - Meteorological conditions, thermal and water balances of soil surface during the work of a complex expedition. p. 5.
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- Table of contents translated:
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REFERATIVNIYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7, June-July 1966.

REFERATIVNIYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]

***REFERATIVNIYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Avtorskii ukazatel' za 1965 g. [Author Index for 1965]

***RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshekh uchebnykh zavedeniy: radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics].** Moscow, vol. 9, no. 3, 1966.

- Table of contents translated:
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- Table of contents translated:
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- LIKARS'KYI VISNYK. MEDICAL JOURNAL. Issued by Ukrain's'ke likars'ke tovarystvo Pivnichnoi Ameriky [Ukrainian Medical Association of North America]. New York, vol. 12, no. 3(38), July 1965. (DNLM)
- *MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 3, vol. 10, no. 6, June 1966, Razdel [Section] 4, vol. 10, no. 6, June 1966, Razdel [Section] 5, vol. 10, no. 6, June 1966, Razdel [Section] 6, vol. 10, no. 6, June 1966, Razdel [Section] 7, vol. 10, no. 6, June 1966, Razdel [Section] 8, vol. 10, no. 6, June 1966, Razdel [Section] 9, vol. 10, no. 6, June 1966, Razdel [Section] 10, vol. 10, no. 6, June 1966, Razdel [Section] 11, vol. 10, no. 6, June 1966, Razdel [Section] 12, vol. 10, no. 7, July 1966.
- MOSCOW. TSENTRAL'NYI INSTITUT USOVERSHENSTVOVANIA VRACHEI. Trudy [CENTRAL INSTITUTE FOR POSTGRADUATE TRAINING OF PHYSICIANS. Transactions]. Vol. 81, 1965.
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- ORDZHONIKIDZE, SEVERO-OSETINSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Sbornik nauchnykh trudov [NORTH OSETIAN STATE MEDICAL INSTITUTE. Papers], no. 11, 1964.
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SOVETSKAYA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdravookhraneniya RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 20, no. 5, May 1966.

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SUDEBNO-MEDITSINSKAYA EKSPERTIZA [FORENSIC MEDICINE EXPERTISE]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 9, no. 3, July-Sept. 1966.

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VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, no. 7, July 1966.

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ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S.S.R.]. Minsk, vol. 12, no. 8, Aug. 1966.

ZDRAVOOKHRANENIE KAZAKHISTANA [HEALTH SERVICE OF KAZAKHISTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S.S.R.]. Alma-Ata, vol. 26, no. 7(244), July 1966.

ZDRAVOOKHRANENIE ROSSIJSKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 10, no. 7, July 1966.

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*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 43, no. 7, July 1966.

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- Table of contents translated:
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- Table of contents translated:
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- d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY
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- TURKMENSKII NAUCHNO-ISLEDOVATEL'SKII TRAKHIOMATOZNYI INSTITUT. Trudy [TURKMEN SCIENTIFIC RESEARCH TRACHOMA INSTITUTE. Transactions]. Ashkhabad, vol.9, 1968.
- Table of contents translated:
- Karanov, S.K. - 40 years of Turkmen S.S.R. and development of ophthalmology. p.5.
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- Table of contents translated:
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I. PHARMACY & MATERIA MEDICA

FARMATSEVTICHNII ZHURNAL [PHARMACEUTICAL JOURNAL]. Issued by Ministerstvo okhorony zdorov'ia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 21, no. 3, 1966.

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- REFERATIVNYI ZHURNAL: FARMAKOLOGIJA, KHIMIO-TERAPEVTICHESKIE SREDSTVA, TOKSIKOLOGIJA (Otdel'nyi vypusk 54) [JOURNAL OF ABSTRACTS: PHARMACOLOGY, CHEMOTHERAPEUTICALS, TOXICOLOGY (Separate Issue 54)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR (Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.). Moscow, no. 6, June 1966.
- g. PUBLIC HEALTH & NURSING
- FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Issued by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U.S.S.R. and the Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 31, no. 5, 1966.
- *GIGIENA I SANTARIA [HYGIENE AND SANITATION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 31, no. 7, July 1966.
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- h. SURGERY & DENTISTRY
- KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 42, no. 6, June 1966.
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KAZAKH S. S. R. Upravlenie propagandy i nauchno-tekhnicheskoi informatsii. Nauchno-tekhnicheskaya informatsiya po sel'skomu khozaistvu [Administration of Propaganda and Scientific and Technical Information, Scientific and Technical Information on Agriculture]. Alma-Ata, no. 3, 1985.

KAZAKSTANNYN AUYL SHARUASHYLYGY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 7, July 1986. [In Kazakh]

KHIMIA V SEL'SKOM KHOZIAISTVE [CHEMISTRY IN AGRICULTURE]. Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR and Ministerstvo sel'skogo khozaistva SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R. and the Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 4, no. 6(32), June 1986.

- Table of contents translated:
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- Table of contents translated:
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KHLIBOROB UKRAINE [THE FARMER OF THE UKRAINE]. Issued by Ministerstvo vyrobnyatstva i zahotivel' sil's'kohospodars'kykh produktiv URSR [Ministry of the Production and Procurement of Agricultural Products of the Ukrainian S.S.R.]. Kiev, no. 7, 1966.

KRASNOYARSK. SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions]. Vol. 17, 1964.

KREST'YANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 45, nos. 7-8, July-Aug. 1966.

MEKHANIZATSIA I ELEKTRIFIKATSIA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 24, no. 8, 1966.

Table of contents translated:

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MIKROBIOLOGICHESKIE PROTSESSY V POCHVACH MOLDAVII [MICROBIOLOGICAL PROCESSES IN THE SOILS OF MOLDAVIA]. Issued by Moldavskii nauchno-issledovatel'skii institut pechivoventstva i sel'skogo khoziaistva [Moldavian Scientific Institute of Food Science and Agricultural Chemistry]. Kishinev, no. 2, 1965.

Table of contents translated:

- Zakharov, I. S. - Micro-organisms and increase of soil fertility in Moldavia. p. 3.
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PERM. GOSUDARSTVENNYI SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [STATE AGRICULTURAL INSTITUTE. Transactions]. Vol. 37, 1961.

*POCHVOVEDENIE [SOIL SCIENCE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1966.

Table of contents translated:

- Glazovskaya, M. A. - Principles of classification of world's soils. p. 1.
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SEL'SKAYA NOV' [RURAL NEWS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Kiev, nos. 1-7, Jan-July 1966.

(DNAL)

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 6-7, June-July 1966.

SEL'SKOE KHOZIAISTVO; sistematischeskii ukazatel' stat' v inostrannykh zhurnalakh [AGRICULTURE; Classified Index of Articles in Foreign Periodicals]. Issued by Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka and Vsesoyuznaya gosudarstvennaya biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature]. Moscow, no. 4(122), 1966.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 14, nos. 13(205)-14(206), July 1966.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 8, Aug. 1966.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirgiz S.S.R.]. Frunze, vol. 13, no. 6-7, June-July 1966.

SEL'SKOE KHOZIAISTVO MOLDAVII [AGRICULTURE OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 11, nos. 5-6, May-Aug. 1966.

SEL'SKOE KHOZIAISTVO ROSSII [AGRICULTURE OF RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Moscow, nos. 7-8, July-Aug. 1966.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 20, nos. 7-8, July-Aug. 1966.

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Turkmeniskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.]. Ashkhabad, vol. 10, nos. 6-7, June-July 1966.

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, nos. 6-7, June-July 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO NECHERNOZEMNOI ZONY [AGRICULTURAL PRODUCTION OF THE NON-CHERNOZEM ZONE]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Moscow, vol. 4, no. 6, 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SEVERNOGO KAVKAZA I TseCHO [AGRICULTURAL PRODUCTION OF THE NORTHERN CAUCASUS AND THE CENTRAL CHERNOZEM REGION]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 4, nos. 8-9, Aug.-Sep. 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SIBIRI I DAL'NEGO VOSTOKA [AGRICULTURAL PRODUCTION OF SIBERIA AND THE FAR EAST]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, vol. 10, no. 7, 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO URALA [AGRICULTURAL PRODUCTION OF THE URALS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Sverdlovsk, vol. 4, no. 7, July 1966.

SOTSIALISTLIK POLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Põllumajanduse Ministeerium [Ministry of Agriculture of the Estonian S.S.R.]. Tallinn, vol. 21, nos. 9, 13-14, May, July 1966. [In Estonian]

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 26, no. 6, June 1966. Table of contents translated: Current problems of the engineering service. p. 1.

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UFA. BASHKIRSKII SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [BASHKIR AGRICULTURAL INSTITUTE. Transactions]. Vol. 11, pts. 2-4, 6, 1963. (DNAL)

UZBEKISTON KISHLOK KHUZHALIGI [AGRICULTURE OF UZBEKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, no. 6, June 1966. [In Uzbek]

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sel'skogo khoziaistva Kazakhskoi SSR [Ministry of Agriculture of the Kazakh S.S.R.]. Alma-Ata, vol. 9, no. 7(100), July 1966.

Table of contents translated:
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(DNAL)

VOПРОСЫ SEL'SKOKHOZIAISTVENNOI MEKHANIKI [PROBLEMS IN AGRICULTURAL MECHANICS]. Issued by Tsentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva nechernozemnoi zony SSSR [Central Scientific Research Institute for the Mechanization and Electrification of Agriculture of the Non-Chernozem Zone of the U.S.S.R.]. Minsk, vol. 14, 1964.

6. ANIMAL INDUSTRY

KONEVODSTVO I KONNYI SPORT [HORSE BREEDING AND EQUINE SPORTS]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 36, nos. 5-8, May-Aug. 1966. (DNAL)

KROLKOVODSTVO I ZVEROVODSTVO [RABBIT BREEDING AND FUR FARMING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 9, nos. 3-4, Mar.-Apr. 1966. (DNAL)

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Issued by Ministerstvo miasnoi i molochnoi promyshlennosti SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [Ministry of the Meat and Dairy Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 27, no. 7, July 1966.

MOLOCHNOE I MASNOE SKOTOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 11, nos. 4-8, Apr.-Aug. 1966. (DNAL)

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 12, nos. 7-8, 1966.

- Chernega, L. G. - Methodology of determining economic effectiveness of mineral fertilizers in various regions of U.S.S.R. p. 54.
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KRASNOYARSK, SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions]. Vol. 17, 1964.

KREST'YANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 45, nos. 7-8, July-Aug. 1966.

MEKHANIZATSIYA I ELEKTRIFIKATSIYA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 24, no. 6, 1966.

Table of contents translated:

- Listov, P. N. - Scientific principles underlying the extensive electrification of agriculture. p. 2.
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Table of contents translated:

- Zukharov, I. S. - Micro-organisms and increase of soil fertility in Moldavia. p. 3.
- Zakharov, I. S., Taran, N. P. - Effect of micro-organisms on synthesis of humic substances in soil as related to use of nitrogen fertilizers along with straw and other plant residues. p. 12.
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PERM. GOSUDARSTVENNYI SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [STATE AGRICULTURAL INSTITUTE. Transactions]. Vol. 27, 1964.

*POCHVOVEDENIE [SOIL SCIENCE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1966.

Table of contents translated:

- Glazovskii, M. A. - Principles of classification of world's soils. p. 1.
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SEL'SKAYA NOV' [RURAL NEWS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Kiev, nos. 1-7, Jan-July 1966.

(DNAL)

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 6-7, June-July 1966.

SEL'SKOE KHOZIAISTVO; sistematicheski ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE; Classified Index of Articles in Foreign Periodicals]. Issued by Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka and Vsesoiuznaya gosudarstvennaya biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature]. Moscow, no. 4(122), 1966.

SEL'SKOE KHOZIAISTVO BELORUSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 14, nos. 13(205)-14(206), July 1966.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 8, Aug. 1966.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 13, no. 6-7, June-July 1966.

SEL'SKOE KHOZIAISTVO MOLDAVII [AGRICULTURE OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 11, nos. 5-8, May-Aug. 1966.

SEL'SKOE KHOZIAISTVO ROSSII [AGRICULTURE OF RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Moscow, nos. 7-8, July-Aug. 1966.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 20, nos. 7-8, July-Aug. 1966.

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.]. Ashkhabad, vol. 10, nos. 6-7, June-July 1966.

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, nos. 6-7, June-July 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO NECHERNOZEMNOI ZONY [AGRICULTURAL PRODUCTION OF THE NON-CHERNOZEM ZONE]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Moscow, vol. 4, no. 8, 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SEVERNOGO KAVKAZA I TSCHO [AGRICULTURAL PRODUCTION OF THE NORTHERN CAUCASUS AND THE CENTRAL CHERNOZEM REGION]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 4, nos. 8-9, Aug.-Sep. 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SIBIRI I DAL'NEGO VOSTOKA [AGRICULTURAL PRODUCTION OF SIBERIA AND THE FAR EAST]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, vol. 10, no. 7, 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO URALA [AGRICULTURAL PRODUCTION OF THE URALS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Sverdlovsk, vol. 4, no. 7, July 1966.

SOTSIALISTLIK PÖLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Põllumajanduse Ministerium [Ministry of Agriculture of the Estonian S.S.R.]. Tallinn, vol. 21, nos. 9, 13-14, May, July 1966. [In Estonian]

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 26, no. 6, June 1966. Table of contents translated: Current problems of the engineering service. p. 1.

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UFA. BASIKIRSKII SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [BASIKIR AGRICULTURAL INSTITUTE. Transactions]. Vol. 11, pts. 2-4, 6, 1963. (DNAL)

UZBEKISTON KISHLOK KHUZHALIGI [AGRICULTURE OF UZBEKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, no. 6, June 1966. [In Uzbek]

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sel'skogo khoziaistva Kazakhskoi SSR [Ministry of Agriculture of the Kazakh S.S.R.]. Alma-Ata, vol. 9, no. 7(100), July 1966.

Table of contents translated: Chuturov, Sh. M., Mil'chevskii, V. I. - Strip cropping as a measure for controlling winter erosion of light soils in Aktyubinsk Province. p. 3. Sacherbakova, Z. G. - Effect of perennial grasses on the improvement of soil structure in mountain areas of the Trans-Ili Altai. p. 11. Baibulin, I. O. - Root system of corn in residual Solonchak-type soils. p. 14. Tulebaev, K. I. - Effect of fertilizers on the yield of millet in Aktyubinsk Province. p. 17. Nabokikh, K. I., Abugailov, I. A. - Improving the "Belaya Tserkov' Monospennous" variety by the numerical elite number. p. 22.

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VOPROSY SEL'SKOKHOZIAISTVENNOI MEKHANIKI [PROBLEMS IN AGRICULTURAL MECHANICS]. Issued by Tsentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva nechernozemnoi zony SSSR [Central Scientific Research Institute for the Mechanization and Electrification of Agriculture of the Non-Chernozem Zone of the U.S.S.R.]. Minsk, vol. 14, 1964. (DNAL)

L. ANIMAL INDUSTRY

KONEVODSTVO I KONNYI SPORT [HORSE BREEDING AND EQUINE SPORTS]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 36, nos. 5-8, May-Aug. 1960. (DNAL)

KROLJKOVODSTVO I ZVEROVODSTVO [RABBIT BREEDING AND FUR FARMING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 9, nos. 3-4, Mar.-Apr. 1960. (DNAL)

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Issued by Ministerstvo mlasnol i molochnoi promyshlennosti SSSR i Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [Ministry of the Meat and Dairy Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 27, no. 7, July 1966.

MOLOCHNOE I MIASNOE SKOTOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 11, nos. 4-8, Apr.-Aug. 1960. (DNAL)

OKHOTI I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 12, nos. 7-8, 1966.

OVTVSEVODSTVO [SHEEP BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 12, nos. 5-8, May-Aug. 1966.
(DNAL)

PCHELOVODSTVO [APICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 43, no. 8, Aug. 1966.
(DNAL)

PTITSEVODSTVO [POULTRY RAISING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 4-8, Apr.-Sep. 1966.
(DNAL)

RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 9, no. 4, July-Aug. 1966.

SVINOVODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 10, no. 5, May 1965; vol. 20, nos. 3-7, Mar.-July 1966.
(DNAL)

ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 28, no. 3, Mar. 1966.

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c. FORESTRY

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MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoyuzov rabochikh lesnoi, bumazhnoi i derevobrabatывающей promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, vol. 10, no. 7, July 1966.

REFERATIVNYI ZHURNAL: LESOVEDENIE I Selo-VODSTVO (Olden'nyi vypusk 58) [JOURNAL OF ABSTRACTS: FORESTRY AND FOREST MANAGEMENT (Separate Issue 58)]. Issued by Institut nauchnoi informatsii Akademii Nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1965.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego srednego spetsial'nogo obrazovaniia. Izvestiia vyssheikh uchebnykh zavedenii; Ionnol zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning. Forestry Journal]. Moscow, vol. 9, no. 3, 1966.

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- KARTOFEL' I OVOSHCH' [POTATOES AND VEGETABLES].** Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.11, nos. 5-8, May-Aug. 1966. (DNAL)
- KHLOPKOVOEDSTVO [COTTON GROWING].** Organ of Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.10, nos. 5-8, May-Aug. 1966. (DNAL)
- KUKURICZA [CORN].** Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.11, nos. 4-8, Apr.-Aug. 1966. (DNAL)
- JEN I KONOPIA [FLAX AND HEMP].** Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.11(26), nos. 4, 6-8, Apr., June-Aug. 1966. (DNAL)
- REFERATIVNYI ZHURNAL: RASTENIEVOEDSTVO (Ordnoviy vypusk 55) [JOURNAL OF AGRICULTURE: PLANT CULTURE (Special Issue 55)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, June 1966. (DNAL)
- SADVOEDSTVO [HORTICULTURE].** Organ of Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.104, no. 7, July 1966. (DNAL)
- SADVOEDSTVO, VINOGRADARSTVO I VINODIEL' MOLODAV' [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA].** Organ of Sovetskoye Ministerstvo sel'skogo khozaystva Moldavskoy SSR [Economic Council and the Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 31, nos. 4-7, Apr.-July 1966. (DNAL)
- SAKHARNAYA SVEKLA [SUGAR BEETS].** Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.11, nos. 4-8, Apr.-Aug. 1966. (DNAL)
- SEL'KHOZSKAYA I SEMENNOVOEDSTVO [PLANT BREEDING AND SEED PRODUCTION].** Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.31, no. 4, July-Aug. 1966. (DNAL)
- SUBTROPICHESKIE KULTURY [SUBTROPICAL CROPS].** Issued by Vsesoyuznyi nauchno-issledovatel'skiy institut zhiv. i subtropicheskikh kul'tur [All-Union Scientific Research Institute of Tea and Subtropical Crops]. Makhachkala, no. 1, 1966. Table of contents translated:
- Morozov, G.B. - For a complete solution of the problem of the reliable protection of citrus fruits from frost. p.1.
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- TSVETVOEDSTVO [FLORICULTURE].** Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.10, nos. 3-8, Mar.-Aug. 1966. (DNAL)
- VINODELIE I VINOGRADARSTVO SSSR [WINE MAKING AND VITICULTURE IN THE U.S.S.R.].** Organ of Ministerstvo pishchevoy promyshlennosti SSSR and Tsentralnoye pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoy promyshlennosti [Ministry of the Food Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 20, no. 6(244), 1966. Table of contents translated:
- Chernov, I. - For high quality crops. p.1.
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- Mitkevich, V.V. - Toward a steady rise in agricultural production. p.2.
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- Table of contents translated:
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*INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the White Russian S.S.R.]. Minsk, vol. 10, no. 6, June 1966.

- Table of contents translated:
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- Table of contents translated:
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*IZOBRETIENIA, PROMYSHLENNYE OBNHAZITSY, TOVARNYE ZNAKI [INVENTIONS, INDUSTRIAL SAMPLES, TRADEMARKS]. Issued by Komitet gosudarstvennogo izobretenii i otrkryti pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 43, nos. 12-14, 1966.

LENINGRAD. LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions]. No. 60, 1966. Improving the specialization and economic indices of machinery industry production.

- Table of contents translated:
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- Table of contents translated:
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- NAUKA I TEKHNIKA [SCIENCE AND TECHNOLOGY].** Issued by Gosudarstvennyi komitet Soveta Ministrov Latvii SSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Latvian S.S.R. for the Coordination of Research] and others. Riga, nos. 6(71)-7(72), June-July 1966.
- NOVOSIBIRSK. INSTITUT INZHENEROV GEODEZII, AEROFOTOFEMKI I KARTOGRAFI.** Trudy [INSTITUTE FOR ENGINEERS IN GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. Vol. 18, no. 1, 1964. Geodesy.
- Table of contents translated:
- Buzuk, V. V. - Relationship between the coefficients of expansion in spherical functions of basic characteristics of the earth gravity field. p. 3.
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- OBZOR POL'SKOI TEKHNIЧЕСKOI LITERATURY. POLISH TECHNICAL ABSTRACTS.** Issued by Centralny Institut informacji naukowo-technicznej i ekonomicznej [Central Institute of Scientific, Technical, and Economic Information]. Warsaw, no. 1(61), 1966.
- PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA].** Issued by Sovet narodnogo khozaystva Armianskoi SSR [Economic Council of the Armenian S.S.R.]. Yerevan, vol. 9, no. 6, May 1966.
- Table of contents translated:
- Melkonian, V. - Development of research and technical progress in the metallurgical industry of Armenia in five years. p. 3.
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- REFERATIVNYI ZHURNAL: METROLOGIA I IZMERITEL'NAIA TEKHNIKA (Otdelnyi vypusk 32) [JOURNAL OF ABSTRACTS: MEASUREMENT AND MEASUREMENT TECHNIQUES (Separate Issue 32)].** Issued by Institut nauch. i informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966.
- STANDARTY I KACHESTVO [STANDARDS AND QUALITY].** Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 30, no. 3, Mar. 1966.
- Table of contents translated:
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- Field of use of heat-resistant cast iron has been extended. N. N. Aleksandrov. Stand. i kach. 30 no. 3:93-94 Mir '66.
- SVERDLOVSK. URAL'SKII POLITEKHNIЧЕСKII INSTITUT. Trudy [URAL POLYTECHNIC INSTITUTE. Transactions].** Moscow, no. 145, 1965. Improvement of foundry technology.
- Table of contents translated:
- Poruchikov, I. U. P., Khazan, G. L. - Absorption method of moisture determination in molding mixtures. p. 5.
- Chechulin, V. A., Frolov, V. P. - Improving knock-out properties of mixtures on soluble glass. p. 20.
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TALLINN. POLYTECHNICAL INSTITUTE. Toimetised. Seria A. Trudy Tallinskogo politekhnicheskogo instituta [POLYTECHNIC INSTITUTE. Studies]. No. 226, 1965. Teploenergetika [Heat Engineering], no. 4; No. 228, 1965. Sbornik statei po khimii i khimicheskoi tekhnologii [Papers on Chemistry and Chemical Technology], no. 12; No. 230, 1965. Sbornik statei po khimii i khimicheskoi tekhnologii [Papers on Chemistry and Chemical Technology], no. 13; No. 231, 1965. Issledovanie i proektirovanie elektromagnitnykh sredstv peremeschenia zhidkikh metallov [Study and Design of Electromagnetic Means of Liquid Transfer], no. 3; No. 232, 1965. Teploenergetika [Heat Engineering], no. 5.

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH]. Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo solazu molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 34, no. 7, 1966.

VISTI UKRAINS'KYKH INZHENERIV. UKRAINIAN ENGINEERING NEWS. Issued by the Ukrainian Engineers' Society of America and the Ukrainian Technical Society in Canada. New York, vol. 17, no. 2(91), Apr. - June 1966.

VOPROSY IZOBRETEL'STV [PROBLEMS OF INVENTION]. Issued by Tsentral'nyi nauchno-issledovatel'skii institut patentnoi informatsii i tekhniko-ekonomicheskikh issledovaniy [Central Scientific Research Institute of Patent Information and Technical Economic Studies]. Moscow, no. 5, May 1966.

Table of contents translated:
Shatrov, V. P. - Cooperation of socialist countries in the field of inventions, p. 3.
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VSESIOUZNYI SOVET NAUCHNO-TEKHNIЧЕСКИХ ОБЩЕСТВ. Nauchno-tekhnicheskie obshchestva SSSR [ALL-UNION COUNCIL OF SCIENTIFIC TECHNOLOGICAL SOCIETIES, Scientific Technological Societies of the U.S.S.R.]. Moscow, vol. 8, no. 6(90), June 1966.

Table of contents translated:
Rudnev, K. - From instruments to control systems, p. 1.
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MOSCOW. AVIATSIONNYI TEKHNOLICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No. 64, 1966. Contents: Belousov, A. I., and others. [Thermal phenomena and machinability of aircraft materials] Teplovoe tvleniye i obrabatyvaemost' rezaniem aviatsionnykh materialov. 178 p.

REFERATIVNYI ZHURNAL: AVIATSIONNYE I RAKET-NYE DVIGATELI [Otdel'nyi vypusk 34] [JOURNAL OF ABSTRACTS: AIRCRAFT AND ROCKET ENGINES (Separate Issue 34)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1966.

REFERATIVNYI ZHURNAL: RAKETOSTROENIE [Otdel'nyi vypusk 41] [JOURNAL OF ABSTRACTS: ROCKET BUILDING (Separate Issue 41)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1966. Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]

REFERATIVNYI ZHURNAL: VOZDUSHNYI TRANSPORT [JOURNAL OF ABSTRACTS: AIR TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1966. [This journal is also issued in parts.]

***RUSSIA (1923- U.S.S.R.) Ministerstvo vysshago i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni; aviatsionnaya tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering].** Moscow, vol. 9, no. 2, 1966.

Table of contents translated:
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UFA. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 2, 1956.

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GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Gosudarstvennyi proizvodstvennyi komitet po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.] and others. Leningrad, vol. 11, no. 6, 1966.

Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- J. CIVIL & CONSTRUCTION ENGINEERING**
- INZHENERNAIA SEISMOLOGIA [ENGINEERING SEISMOLOGY].** Issued by Sovet po seismologii Akademii nauk SSSR [Council on Seismology of the Academy of Sciences of the U.S.S.R.] and others. Dushanbe, no. 3/4, 1966.
- Table of contents translated:
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STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR i Tsentral'nyi komitet Profsoyuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee for Construction of the U.S.S.R. and the Central Committee of the Trade Union of Construction and Building Materials Workers]. Moscow, vol. 11, no. 8, Aug. 1966.

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*AKADEMIYA NAUK SSSR, Izvestia. Tekhnicheskaya kibernetika [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Engineering Cybernetics]. Moscow, no. 2, Mar.-Apr. 1966.

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- Table of contents translated:
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- *ELEKTRICHESSTVO [ELECTRICITY].** Organ of Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] and others, Moscow, no. 7, July 1966.
- Table of contents translated:
- Bron, O.B. - Motion of an electric arc in a magnetic field, p. 1.
- Padalko, L.P., Pekelis, G.V. - Choice of the voltage regulation law for the feed centers of power distribution networks, p. 7.
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- ENERGETIKA I ELEKTRIFIKATSIA [POWER ENGINEERING AND ELECTRIFICATION].** Issued by Gosudarstvennyi planovyi komitet Soveta Ministrov USSR [State Planning Committee of the Council of Ministers of the Ukrainian S.S.R.] and others, Kiev, no. 3(27), May-June 1966.
- Table of contents translated:
- Pobegailo, K.M. - Electrification of the Ukraine in the new five-year plan, p. 3.
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- LENINGRAD. ELEKTROTEKHICHESKII INSTITUT SVIAZI.** Trudy nauchno-tekhnicheskoi konferentsii LEIS [INSTITUTE OF ELECTRICAL COMMUNICATION ENGINEERING. Transactions of the Scientific Technological Conference LEIS], nos. 2-3, 1964.
- MOSCOW. VSESOUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZVUKOZAPISI.** Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF SOUND RECORDING. Transactions], No. 8, 1961.
- Table of contents translated:
- Parkhomenko, V.I. - Magnetic tape recording of tovision images, p. 3.
- Vroblevskii, A.A., Mednikova, I.I. - Direction of the residual inductance in a tape magnetized by a rotating field, p. 28.
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- [MICROFILM]**
- PROMYSHLENNAYA ENERGETIKA [INDUSTRIAL POWER].** Organ of Ministerstvo energetiki i elektrifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Ministry of Power and Electrification of the U.S.S.R. and the Scientific Technological Society of the Power Industry], Moscow, vol. 21, no. 8, June 1968.
- Table of contents translated:
- Use all potentials in the successful fulfillment of the five-year plan, p. 2.
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- REFERATIVNYI ZHURNAL: AVTOMATIKA, TELEMEXHANIKA I VYCHISLITEL'NAYA TEKHNIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL, REMOTE CONTROL, AND COMPUTER TECHNOLOGY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 7, July 1966.
- REFERATIVNYI ZHURNAL: IADERNYE REAKTORY (Oldeniyi vypusk 50) [JOURNAL OF ABSTRACTS: NUCLEAR REACTORS (Separate Issue 50)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June, 1966. Predmetnyi ukazatel' za 1966 g. [Subject Index for 1966]
- REFERATIVNYI ZHURNAL: RADIOTEKHNIKA I ELEKTROSVIAZ' [JOURNAL OF ABSTRACTS: RADIO ENGINEERING AND TELECOMMUNICATION].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya.** Izvestiya vysshekh uchebnykh zavodov i energetika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Power Engineering], Moscow, vol. 9, no. 7, July 1966.
- Table of contents translated:
- Kholmskii, D.V., Morozov, A.N. - Determining the optimum operating conditions for a complex power system medium voltages and power values of various sections of an electric network, p. 1.
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SIDE, RADIO, TELEVISION [COMMUNICATIONS, RADIO, TELEVISION]. Issued by Eesti NSV Ministriale Nõukogu Riiklik Teaduslike Ühiskondade Koordineerimise Komitee [State Committee of the Council of Ministers of the Estonian S.S.R. for the Coordination of Research]. Tallinn, nos. 4-6, 1965; no. 1, 1966. [In Estonian]

V POMOSHCH' RADIOLUBITELIU [A GUIDE FOR RADIO AMATEURS]. Issued by Vsesoyuznoe dobrovol'noe obshchestvo sodel'stviia armii, aviatstsii i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 22, 1965.

f. INDUSTRIES & TRADES

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Gosudarstvennyi komitet po lesnoi, tsellulozno-bumazhnoi, derevoobrabatvalushchey promyshlennosti i lesnomu khoziaistvu pri Gosplane SSSR i Tsentral'noe pravleniye NTO bumazhnoi i derevoobrabatvalushchey promyshlennosti [State Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, no. 6, June 1966.

- Table of contents translated:
- Zelenov, E. A. - Forest industry centers in Siberia. p. 1.
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- Table of contents translated:
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LISOVA, PAPEROVA I DEREVOBRADNAYA PROMYSHLOVIST' [FOREST, PAPER, AND WOODWORKING INDUSTRY]. Issued by Respublikana'ski naukovno-tehnicheski tovarystva papirovot i derevoobrobnost ta li-sovot promyslovoosti i li-sovoto hospodarstva [Republican Scientific Technological Societies of Paper and Woodworking Industries and Forestry]. Kiev, no. 3(27), May-June 1966.

- Table of contents translated:
- Zolotar'ov, B. P. - Pay attention to technological progress. p. 3.
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REFERATIVNYI ZHURNAL: LEGKAYA PROMYSHLENNOST' [JOURNAL OF ABSTRACTS: LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1966. [This journal is also issued in parts.]

SILUETT [SILHOUETTE]. Issued by Eesti NSV Rahvamaajanduse Nõukogu Korporeatsioonide Valitsus and Tallinna Moemaja [Administration of Light Industry of the Economic Council of the Estonian S.S.R. and the Fashion House of Tallinn]. Tallinn, vol. 9, 1965. [In Estonian]

***SVAROCINOYE PROIZVODSTVO [WELDING PRACTICE].** Organ of Gosudarstvennyi komitet Sovetskoi Moshchey SSSR po nauke i tekhnike [State Committee of the Council of Ministers of the U.S.S.R. for Science and Technology] and others. Moscow, no. 6(34), June 1966.

- Table of contents translated:
- Direct the welding science and technology toward new objectives. p. 1.
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g. MECHANICAL ENGINEERING

MEKHANIZATSIYA I AVTOMATIZATSIYA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi komitet po mashinostroyeniyu pri Gosplane SSSR [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R.], Moscow, vol. 20, no. 7, July 1966.

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REFERATIVNYI ZHURNAL: DVIGATELI VNUTRENNEGO SGORANIYA (Otdel'nyi vypusk 39) [JOURNAL OF ABSTRACTS: INTERNAL COMBUSTION ENGINES (Separate Issue 39)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.

REFERATIVNYI ZHURNAL: FOTOKINOTEKHNIKA (Otdel'nyi vypusk 46) [JOURNAL OF ABSTRACTS: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT (Separate Issue 46)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966, Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]

REFERATIVNYI ZHURNAL: KOMMUNAL'NOE, BYTOVOE I TORGOVOE OBOURODOVANIE (Otdel'nyi vypusk 33) [JOURNAL OF ABSTRACTS: COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT (Separate Issue 33)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.

REFERATIVNYI ZHURNAL: KOTLOSTROENIE (Otdel'nyi vypusk 42) [JOURNAL OF ABSTRACTS: BOILER MANUFACTURE (Separate Issue 42)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966, Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]

REFERATIVNYI ZHURNAL: MASHINOSTROITEL'NYE MATERIALY, KONSTRUKTSII I RASCHET DETALEI MASHIN, GIDROPRIVOD (Otdel'nyi vypusk 48) [JOURNAL OF ABSTRACTS: MATERIALS FOR MACHINERY MANUFACTURE AND THE DESIGN OF MACHINE PARTS, HYDRAULIC DRIVE (Separate Issue 48)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966, Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]

REFERATIVNYI ZHURNAL: OBOURODOVANIE PISHCHEVOI PROMYSHLENNOSTI (Otdel'nyi vypusk 38) [JOURNAL OF ABSTRACTS: EQUIPMENT OF THE FOOD INDUSTRY (Separate Issue 38)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.

REFERATIVNYI ZHURNAL: STROITEL'NYE I DOROZHNYE MASHINY (Otdel'nyi vypusk 60) [JOURNAL OF ABSTRACTS: CONSTRUCTION EQUIPMENT AND ROAD MACHINERY (Separate Issue 60)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 6-7, June-July 1966.

REFERATIVNYI ZHURNAL: TEKHNOLOGII I OBOURODOVANIE TSELLULOZNO-BUMAZHNOGO I POLIGRAFIKESKOGO PROIZVODSTVA (Otdel'nyi vypusk 37) [JOURNAL OF ABSTRACTS: TECHNOLOGY AND EQUIPMENT OF THE WOODPULP, PAPER, AND PRINTING INDUSTRY (Separate Issue 37)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.

REFERATIVNYI ZHURNAL: TEKHNOLOGIIA MASHINOSTROENIA [JOURNAL OF ABSTRACTS: TECHNOLOGY OF MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 6-7, June-July 1966.

REFERATIVNYI ZHURNAL: TRAKTORY I SEL'SKOKHOZIAISTVENNYE MASHINY I ORUDIYA (Otdel'nyi vypusk 44) [JOURNAL OF ABSTRACTS: TRACTORS AND AGRICULTURAL MACHINERY AND EQUIPMENT (Separate Issue 44)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966.

REFERATIVNYI ZHURNAL: TRUBOPROVODNYI TRANSPORT (Otdel'nyi vypusk 45) [JOURNAL OF ABSTRACTS: PIPELINE TRANSPORTATION (Separate Issue 45)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966.

REFERATIVNYI ZHURNAL: TURBOSTROENIE (Otdel'nyi vypusk 46) [JOURNAL OF ABSTRACTS: TURBINE MANUFACTURE (Separate Issue 46)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966.

REFERATIVNYI ZHURNAL: VOPROSY TEKHNIЧЕСКОГО ПРОГРЕССА I ORGANIZATSII PROIZVODSTVA V MASHINOSTROENII (Otdel'nyi vypusk 35) [JOURNAL OF ABSTRACTS: PROBLEMS OF TECHNOLOGICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINERY INDUSTRY (Separate Issue 35)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]

REFERATIVNYI ZHURNAL: VZAIMODEISTVIE RAZNYKH VIDOV TRANSPORTA I KONTEINERNYE PEREVOZKI (Otdel'nyi vypusk 31) [JOURNAL OF ABSTRACTS: CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION (Separate Issue 31)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1966.

ROSTOV-ON-DON. NAUCHNO-ISLEDOVATELSKII INSTITUT TEKHNOLOGII MASHINOSTROENIA. Sbornik rabot [SCIENTIFIC RESEARCH INSTITUTE OF THE TECHNOLOGY OF MACHINERY MANUFACTURE, Papers], No. 11, 1965. Heat treatment and structural transformations in metals and alloys.

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ZA RULEM [AT THE WHEEL]. Issued by Vsesoyuznoe dobrovol'noe obshchestvo sodel'stviya armii, aviatsii i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 8, Aug. 1966.

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- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii; Chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education; Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy].** Moscow, vol. 9, no. 7, 1966.
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- Table of contents translated:
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- Antropov, L. I. - Mechanism of the effect of inhibitors of the acid corrosion of metals. Inhibition of iron corrosion in hydrochloric and sulfuric acid solutions by compounds of the pyridine series. p. 270.
- Putilova, I. N., Chislova, E. N. - Characteristics of the inhibition of the corrosion of steel in hydrochloric acid by certain unsaturated organic substances. p. 280.
- TSvetinov, R. V., Krasil'shchikov, A. I. - Passivity of titanium in sulfuric acid with deep anodic oxidation. p. 295.
- Novakovskii, V. M., Falngot'd, L. L. - Mechanism of the anodic protection of carbon steel in concentrated sulfuric acid. p. 300.
- Timonin, V. A., Fokin, M. N. - Persistent long-range action of anodic protection in finite length tubes. p. 307.
- Kravchenko, T. G., and others. - Heat resistance of precipitation hardened nickel. p. 312.
- Kochergin, V. P., Shevritsa, Z. A., Fomina, T. I. - Iron corrosion in molten alkali metal and calcium chlorides and phosphates. p. 318.
- Toistala, M. A. - Corrosion effect of a commercial-frequency (50 hertz) alternating current on stainless 1Kh18N9Ti steel in neutral solutions. p. 323.
- Usova, V. V., Lahnor, V. I. - Mechanism of the activation of a titanium surface prior to the application of an electrolytic coating. p. 331.
- Azhogin, F. F., Garshina, N. V., Sycheva, V. I. - Hydrogen absorption by steel during electrolytic chromium plating. p. 336.
- Reizin, B. L., Lahnor, V. I. - Anodic and cathodic polarization in a copper pyrophosphate electrolyte. p. 339.
- Venbrin, A. Z., Titov, P. S., Uspevskii, S. I. - Cathodic polarization in pyrophosphate electrolytes for the deposition of copper-lead alloys. p. 344.
- Nikitina, A. A., Sominskaya, Z. M., Vagranian, A. T. - Mechanism of the electrodeposition of rhodium. p. 349.
- Gorodetskii, I. U. S. - Control of electrolysis baths by the method of oscillographic polarography with the use of solid electrodes. p. 353.
- Kuzub, V. S., Kachanov, V. A. - Studying the possibility of the anodic protection of stainless steel in diluted nitric acid. p. 359.
- Gil'man, V. A., Kotolyrkin, I. A. M. - Pitting corrosion of zirconium in perchlorate solutions. p. 360.
- Chen, N. G. - Active components of the KKH-2 corrosion inhibitor. p. 362.
- Zaslavskii, M. L. - Effect of protective coatings on the properties of reinforced castings. p. 365.
- Kaskevich, N. M. - Studying the effect of the structural shape of aluminum and steel sections on their corrosion resistance in sour oil media. p. 367.
- Dorabina, V. I., Kolgatin, N. N., Fedorovich, V. P. - Efficient way to cut out a metal specimen from a reactor body for the purpose of corrosion control. p. 371.
- Postoronko, A. I., Volkova, L. D. - Using protective coatings in the soda industry. p. 372.
- Trifil', M. S., Gikshaite, E. D. - Conference on the corrosion protection of hydraulic structures in fresh water. p. 376.
- Scientific schedule of the 3d International Congress on the Corrosion of Metals. p. 378.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 24, no. 14, July 1966.

BRATSTVO KOLYSHNIKOV VOIAKIV PERSHOI UKRAINS'KOI DYVIZII UKRAINS'KOI NARODNOI ARMI. VIET [BROTHERHOOD OF FORMER SOLDIERS OF THE FIRST UKRAINIAN DIVISION OF THE UKRAINIAN NATIONAL ARMY. News]. Munich, vol. 10, no. 120, Dec. 1965; vol. 17, no. 121, Mar. 1966.

KOMMUNIST VOORUZHENNYYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 47, no. 13, July 1966.

- Table of contents translated:
- Editorial: Let us intensify the work of the Communist. p. 2.
- Strukov, E. - Great social objectives of the five-year plan. p. 7.
- Anisimov, N. - Objectives of the entire party and the whole nation. p. 16.
- Podolskii, A. - Improving the military preparedness of air defense units. p. 25.
- Bozlopin, B. - Conscience of the Communists. p. 32.
- Komissarov, V., Marusev, G. - Military workers should receive extensive professional training. p. 40.
- Smirnov, G. - Commanding officer of an excellent squadron. p. 44.
- Soviet Navy Day; materials for reports and talks. p. 53.
- Korobelnikov, M. - Teaching Soviet servicemen to be intrepid. p. 58.
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- Chegrich, A. - Taking into account increased requirements. p. 66.
- Radugin, M. - Erroneous style of work leads to shortcomings in military training. p. 68.
- A soldier is always a soldier. p. 71.
- Titkov, V. - The 45th anniversary of the national revolution in Mongolia. p. 78.
- The Mongolian People's Republic; an information note. p. 79.
- Stefanovskii, G. - Vietnamese youth continue their struggle; travel notes. p. 81.
- The Democratic Republic of Vietnam; an information note. p. 86.
- Procedure in admission into the V. I. Lenin All-Union Communist Youth League. p. 88.
- The work of party organizations during orientation sessions for correspondence students. p. 89.
- Brief news of party and political work. p. 91.

NASHI VESTI [OUR NEWS]. Published by Soizuz chlenov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, nos. 240-241, 243, Aug.-July, Sep. 1966.

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICER]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 170, Aug. 1966.

VESTNIK Pervopokhodnika [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Pravlenie Nauchno-issledovatel'skogo obshchestva uchastnikov 1-go Kubanskogo generala Kornilova pokhoda [Administration of the Scientific Association of Veterans of General Kornilov's First Kuban Campaign]. Los Angeles, no. 57-58, June-July 1966.

VISTI KOMBATANTA. VETERANS' NEWS. Issued by United Ukrainian War Veterans in America and others. New York, no. 2(23), 1966.

VOENNYE ZNANIA [MILITARY KNOWLEDGE]. Issued by Voenno-nauchnoe obshchestvo uchastnikov 1-go Kubanskogo generala Kornilova pokhoda [Administrative of the Scientific Association of Veterans of General Kornilov's First Kuban Campaign]. Moscow, vol. 42, no. 7, July 1966.

- Table of contents translated:
- Strengthen the defensive ability of our country. p. 1.
- Shtatnov, G. - Committee as the organizer of mass defense work. p. 2.
- Kuzakov, K. - The powerful rocket units. p. 5.
- Grishanov, V. - Guarding our maritime boundaries. p. 7.
- Savichev, G. - Around the world in atomic submarines. p. 10.
- Borodin, V., Kat'lanov, E., Fedorov, J. - How do you like the service? p. 12.
- Shnablin, A. - The fiery miles. p. 14.
- Suvorov, V. - The airplane doors open... p. 16.
- Grokhnev, P. - The fortress of Novorossiysk. p. 18.
- Vasil'eva, G. - Into the hands of the young people. p. 20.
- Alekseev, M. - These are no trifles. p. 21.
- Mil'utskii, A. - The topic is the treatment of crops. p. 22.
- Kravchuk, F. - The students teach. p. 23.
- Medvedenko, I., Kushnir, I. A. - For sound amplification. p. 24.
- Login, N. - With the aid of imitation. p. 24.
- Knorozov, L. - It is visual and convincing. p. 24.
- Margolis, D. - Machine dominatizes water. p. 25.
- Loginov, L. - Demonstration of contamination. p. 25.
- Strigin, A. - Instruction of detachments (to be concluded). p. 26.
- Dorodai, K. - The simplest shelters against radiation. p. 29.
- Sakharov, I. - A shield against radioactivity. p. 30.
- Miasenkov, A. - All participate. p. 32.

- Novik, V. - The students' good friends. p.33.
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 Mironov, V. - The hardening of the young generation. p.4.
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 Makalimov, V. - With a bright flame. p.12.
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b. NAVAL SCIENCE

LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT MORSKOGO FLOTA, Informatsionnyi sbornik [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE, Information Bulletin], No. 154, 1966, Tekhnicheskaya okuplatsiia morskogo flota [Technical Operation of Merchant Ships], no. 47. Marine steam power plants, Thermochemical studies.

Table of contents translated:

- Rozhdestvenski, N.A., Karandashov, B.S. - Operational tests and investigation of the power plant of the tanker "Mir." p.3.
 Denisenko, N.I., Sakharov, P.A. - Temperature conditions of the boiler superheaters of the tanker "Pekin." p.46.

- Goloviznin, A.M., Sobolev, L.G., Sakharov, P.A. - Labor expenditure of the engine room crew of the steam-turbine-propelled ship "Transbalt." p.55.
 Goldenfon, A.K. - Analysis of methods used in the preparation and treatment of water in the steam power plants of seagoing ships. p.60.
 Kostrov, Kh.N., Fedorova, V.V. - Investigation of deposits on the external heating surface of ship boiler superheaters and their solubility. p.70.
 Kontrov, Kh.N., Fedorova, V.V. - Eliminating the corrosive aggressiveness of wash water during the removal of deposits for the gas side of the heating surfaces of ship boilers. p.80.
 Shecherbakova, L.V., Iukkevich, R.M. - Evaluating the quality of water repeatedly used in the washing and separation of heavy fuels. p.87.
 Kamenskaya, L.L. - Using methods of spectrum analysis to determine the metal content of lubricating oils and fuels. p.90.
 Lavrentsova, G.F. - Determining the viscosity of mazuts at high temperatures. p.96.

LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT MORSKOGO FLOTA, Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE, Transactions], No. 72, 1966. Hydromechanics of ships.

Table of contents translated:

- Lavrent'ev, V.M. - Study of the motion of the vessel as affected by oblique jerking of the towline. p.3.
 Lugovskii, V.V. - Approximate determination of the damping coefficients of heaving and pitching of finite amplitudes. p.32.
 Grechin, M.A. - Calculation of the vibration of hydrodynamic forces and moments during the work of the propeller in unsteady stern flow. p.42.
 Grechin, M.A. - Effect of transient states on the hydrodynamic characteristics of the propeller during the initial period of reversal. p.53.
 Fomenko, IU.I. - Effect of the form of the vortex system of the propeller on the hydrodynamic characteristics of the propeller - Kort nozzle complex. p.60.
 Lips, V.B. - Calculations based on the vortex theory of propeller action during the rolling of the ship. p.71.
 Strel'tsov, L.N. - Conditions causing intensive rolling of the ship in relatively short waves. p.88.
 Kondrikov, D.V. - Calculation of the characteristics of pitching of ships by numerical methods. p.113.
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MORSKOI SBORNIK; zhurnal Voenno-Morskogo Flota Soluzh SSR [NAVAL REVIEW; Magazine of the Soviet Navy], Vol. 49(119), no. 6, June 1966.

Table of contents translated:

- Decisions of the 23d Party Congress in practice. p.3.
 Zvarev, B.I. - History and the present. p.8.
 Rudnyi, VI. - From war notebooks. p.10.
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 Firsov, I.P. - Camouflage of submarines. p.27.
 Briukhinov, IU.A. - Aviation combat operations against submarines. p.34.
 Persistently increase successes in combat training. p.38.
 Ievlev, V.I. - The officer's tactical field of view. p.43.
 Antonov, N.I. - How to organize the execution of combat training plans. p.47.
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 Letchford, N.E., Vinukov, V.D., Leonov, I.G. - Some problems on service organization. p.53.
 Sakseev, E.V., Fadicheva, E.N. - Tropical cyclones and navigation safety. p.57.
 Popov, E.A. - Some regularities in the development of the underwater coastal slope in tideless seas. p.66.
 Makalimov, K.M. - Construction of compound alignment nomograms. p.68.
 Kuz'tanov, V.A., Kuznetsov, V.N. - The earth's gravitational field. p.74.

- Zamkovskii, L.D., Dorokhov, B.A. - Recent developments in the communication means of the U.S. Navy. p.70.
 Shokarev, O.V. - The war budget. p.83.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet], Moscow, vol. 25, no. 7, 1966.

Table of contents translated:

- Increase the speed of the shipping of goods. p.1.
 Gashkov, V. - The Ob' River transportation men have organized the shipping of petroleum from new deposits. p.3.
 Zaripov, R., and others. - Development of the shipping of petroleum products in the Voiga-Kama basin. p.4.
 Tsylin, IA. - Some economic potentialities in the use of the fleet. p.5.
 Mikhailov, V. - Improving the planning and economic stimulation in river transportation. p.7.
 Baigalov, V. - The economy of the Volga ports. p.9.
 Alekseev, N. - Improve the effectiveness of the use of the container pool. p.12.
 Shvireva, L. - Strengthen the business accounting of ports. p.14.
 Pain, B., Chernomordikov, G., Madis, M. - Underground transformer substations of the port wharves. p.15.
 Polynin, N. - For the production culture and industrial aesthetics. p.18.
 Cherepnin, V. - Preventing the dislocation of cradles during the hoisting of ships on the building ways. p.20.
 Zakharov, S., Matasov, IU. - Protecting against corrosion the hulls of river hydrofoil boats. p.23.
 Dorigl, A. - A new type of dry cargo ship for the Lena River. p.25.
 Druzhinin, IU. - Operation of the 8NVD-36 engines in the Lena Shipping Company. p.26.
 IAvnei, S., Dobrinski, S. - Thermal treatment of precision parts of the diesel fuel system. p.27.
 Filalo, S. - Repairing the electric wiring on the "Bot'shaya Volga"-type ships. p.28.
 Baianov, V. - The new ship lifting device "Tonkuer" under construction in Belgium. p.29.
 Kozzyrenko, L. - Transverse circulation and the hydraulic foundations of a cut. p.32.
 Amushin, IA. - Use of the waste products of the woodpulp and paper industry to strengthen earth regulating structures. p.34.
 Solov'ev, I. - Natural slopes of the Amur and Zeya banks. p.36.
 Raaba, D. - The "VZOG" universal core lifter. p.37.
 Akutinin, V. - Bucket equipped with an elastic falling-out lining. p.38.
 Borovskii, M. - Navigating a cargo motor ship with an attached barge on the Volga River. p.39.
 Mironov, G. - Navigation of ships on the Volga-Baltic Sea Waterway. p.41.
 Svetlov, S., Naumov, A. - The danger of ship collisions. p.43.
 Nazarov, I., Pavlenko, V., Polumin, A. - Session on navigation problems. p.44.
 Leont'ev, V., Iakovlev, A. - River echo-trawl. p.46.
 Storozhev, N. - Testing the "ABR" automatic slide coupler. p.47.
 Use of a two-claw grab in the transshipping of round timber. p.48.
 Danilichev, S. - River men fighting the Kolchak troops. p.49.
 Denisov, V., Botgova, A. - The Rybinsk Locks are 25 years old. p.50.
 Palestina, A. - Containerized cargo shipments in the Lena Shipping Company. p.51.
 Zastenko, G. - Far improved food service of tourist-passengers. p.52.
 Brekhovskikh, P. - Work practices of a mixed continuous-production brigade. p.52.
 In the Board of the Ministry of the River Fleet. p.53.
 Development of means for improving the maneuverability of pusher tug trains. p.54.

REFERATIVNYI ZHURNAL: VODNYI TRANSPORT [JOURNAL OF ABSTRACTS: WATER TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1966.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]	Energ. i elekt. (16e)	Energetika i elektrifikatsiya [Power Engineering and Electrification]
Ark. pat. (14e)	Arkiv patologii [Archives of Pathology]	Farmatsev. zhur. (14f)	Farmatsevtichnyi zhurnal [Pharmaceutical Journal]
Atom. energ. (16e)	Atomnaya energiya [Atomic Energy]	Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Av. i kosm. (16b)	Aviatsiya i kosmonavtika [Aviation and Astronautics]	Fiz. gor. i vzryva (13f)	Fizika gorenii i vzryva [Physics of Combustion and Blasting]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]	Fiz. met. i metalloved. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Metallography]
Az. i Afr. seg. (1b)	Azila i Afrika segodnya [Asia and Africa Today]	Fiz. niz. temp. (13f)	† Fizika nizkikh temperatur [Physics of Low Temperatures]
Azerb. med. zhur. (14a)	Azerbajchan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]	Fiz. -tekh. probl. razrab. pol. iskop. (16h)	Fiziko-tekhnicheskie problemy razrabotki poloznykh iskopnykh [Physical and Technological Problems of the Mining of Minerals]
Azerb. neft. khoz. (16h)	Azerbaidzhanskoe neftianoe khozaistvo [Azerbaijan Petroleum Industry]	Fiziol. zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Bibliot. ta bibl. (2b)	† Bibliotekoiznastvo ta bibliografiia [Library Science and Bibliography]	Fiziol. zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Gaz. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]
Biol. zhur. Arm. (13c)	Biologicheskii zhurnal Armenii [Biological Journal of Armenia]	Genetika (13c)	Genetika [Genetics]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Geofiz. sbor. (13f)	Akademii nauk URSS, Kiev. Geofizicheskii sbornik [Academy of Sciences of the Ukrainian S.S.R. Geophysical Papers]
Biul. Ispol. kom. Mosk. gor. sov. (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]	Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]
Biul. MOIP. Otd. geol. (12c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]	Gidr. i mel. (15a)	Gidrotekhnika i melioratsiya [Hydraulic Engineering and Reclamation]
Biul. Kom. chetv. per. (12c)	Akademii nauk SSSR. Komissiya po izucheniiu chetvertichnogo perioda. Biulleten' [Academy of Sciences of the U.S.S.R. Commission for the Study of the Quaternary Period. Bulletin]	Iad. prib. (16a)	IAdernoe priborostroenie [Nuclear Instrument Manufacture]
Biul. mezhdunar. nauch. s'ezd., konf. i kongr. (1a)	Biulleten' mezhdunarodnykh nauchnykh s'ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]	Inform. o bibliot. dele i bibl. za rub. (2b)	Informatsiya o bibliotekhnicheskoi dele i bibliografiia za rubizom i sbornik materialov [Information about Library Work and Bibliography Abroad; Materials]
Biul. Min. vys. i sred. spets. obr. SSSR (8a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]	Inform. sbor. TSNIMF. Tekh. eksp. mor. flota (17b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik. Tekhnicheskaya eksploatatsiya morskogo flota [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Technical Operation of Merchant Ships]
Biul. Verkh. Suda RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]	Inform. ukaz. bibl. spis. i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlenykh bibliotekami Sovetskogo Soюза [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. (16a)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [State Scientific Research Institute for Scientific and Technical Information. Bulletin of Technical and Economic Information]	Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Brat. vest. (3b)	Bratskii vestnik [Herald of Brotherhood]	Inzh. -fiz. zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Bukhg. uch. (5a)	Bukhgalterskii uch. [Accounting]	Inzh. soism. (16d)	† Inzhenernaya soismologiya [Engineering Solismology]
Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]	Ist. SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
Burenie (16h)	Burenie [Drilling]	Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]	Izobr. prom. obraz., tov. znak. (16a)	Izobreteniia, promyshlennye obraztsy, tovarnye znaki [Inventions, Industrial Samples, Trademarks]
Der. prom. (16f)	Derevoobrabatyvayushchaya promyshlennost' [Woodworking Industry]	Izv. AN Arm. SSR. Nauki o zem. (12c)	Akademii nauk Armianskoi SSR, Erivan. Izvestiia. Nauki o zemle [Academy of Sciences of the Armenian S.S.R. Earth Sciences]
Dif. urav. (13e)	Differentsial'nye uravneniia [Differential Equations]	Izv. AN Kazakh. SSR. Ser. biol. (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriya biologicheskaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Biological Series]
Dokl. AN Arm. SSR (13a)	Akademii nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]	Izv. AN SSSR. Fiz. atm. i okeana (13f)	Akademii nauk SSSR. Izvestiia. Fizika atmosfery i okeana [Academy of Sciences of the U.S.S.R. Bulletin. Atmospheric and Oceanic Physics]
Dokl. AN BSSR (13a)	Akademii nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]	Izv. AN SSSR. Neorg. mat. (13d)	Akademii nauk SSSR. Izvestiia. Neorganicheskie materialy [Academy of Sciences of the U.S.S.R. Bulletin. Inorganic Materials]
Dokl. AN SSSR (13a)	Akademii nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]	Izv. AN SSSR. Ser. biol. (13c)	Akademii nauk SSSR. Izvestiia. Seriya biologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series]
Dokl. AN Tadzh. SSR (1a)	Akademii nauk Tadzhikskoi SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S.S.R. Reports]	Izv. AN SSSR. Ser. geol. (12c)	Akademii nauk SSSR. Izvestiia. Seriya geologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Dop. AN URSS (13a)	Akademii nauk URSS, Kiev. Dopovidy [Academy of Sciences of the Ukrainian S.S.R. Reports]		
Elektrichestvo (16e)	Elektrichestvo [Electricity]		
Elektron. i ion. prots. v tver. tel. (13f)	† Elektronnyie i ionnyie protsessy v tverdykh telakh [Electronic and Ionic Processes in Solids]		

Izv. AN SSSR, Ser. khim. (13d)	Akademii nauk SSSR, Izvestia, Seriya khimicheskaya [Academy of Sciences of the U.S.S.R. Bulletin, Chemical Series]	Mat. po geol. i pol. iskop. Ser. - Zap. RSFSR (12c)	Materiialy po geologii i poleznym iskopaemyim Severo-Zapada RSFSR [Materials on the Geology and Mineral Resources of the Northwest of the R. S. F. S. R.]
Izv. AN SSSR, Tekh. kib. (16e)	Akademii nauk SSSR, Izvestia, Tekhnicheskaya kibernetika [Academy of Sciences of the U.S.S.R. Bulletin, Engineering Cybernetics]	Mat. zap. Ural. mat. ob-va UrGU (13e)	Matematicheskii sbornik [Mathematical Review]
Izv. SO AN SSSR, Ser. biol. - med. nauk (13c)	Akademii nauk SSSR, Sibirskoe otdelenie, Izvestia, Seriya biologo-meditsinskikh nauk [Academy of Sciences of the U.S.S.R. Siberian Department, Bulletin, Series in the Biological and Medical Sciences]	Med. ref. zhur. (14a)	Sverdlovsk. Ural'skii gosudarstvennyi universitet, Ural'skoe matematicheskoe obshchestvo, Matematicheskie zapiski [Ural State University, Ural Mathematical Society, Mathematical Annals]
Izv. vys. ucheb. zav., av. tekhn. (18b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; aviatsonnaia tekhnika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Aviation Engineering]	Mekh. i avtom. proizv. (16g)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Izv. vys. ucheb. zav., chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; chernala metallurgii [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]	Mekh. i avtom. upr. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Izv. vys. ucheb. zav., energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Power Engineering]	Mekh. tver. tela (13f)	Mekhanizatsiia i avtomatizatsiia upravleniia [Mechanization and Automation of Control]
Izv. vys. ucheb. zav., geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; geologiya i razvedka [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Geology and Prospecting]	Met. i metalloved. chist. mel. (16h)	Metalurgiya i metallovedenie chistyykh metallor [Process Metallurgy and Physical Metallurgy of Pure Metals]
Izv. vys. ucheb. zav., lesn. zhur. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Forestry Journal]	Meteor. i gidrol. (13f)	Meteorologiya i gidrologiya [Meteorology and Hydrology]
Izv. vys. ucheb. zav., mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Mathematics]	Mikrobiol. prots. v pochv. Mold. (15a)	Mikrobiologicheskie protsessy v pochvakh Moldavi [Microbiological Processes in the Soils of Moldavia]
Izv. vys. ucheb. zav., nef' i gaz (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; nef' i gaz [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Petroleum and Gas]	Mir. ekon. i mezhdunar. otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Izv. vys. uchob. zav., prav. (7)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; pravovedenie [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Jurisprudence]	Mor. sbor. (17b)	Morskoi sbornik; zhurnal Voenno-Morskogo Flota Soluza SSR [Naval Review; Magazine of the Soviet Navy]
Izv. vys. uchob. zav., radiofiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestia vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Radio Physics]	NTO (18a)	Vsesoiuznyi soviet nauchno-tekhnicheskikh obshchestv. Nauchno-tekhnicheskie obshchestva SSSR [All-Union Council of Scientific Technological Societies, Scientific Technological Societies of the U.S.S.R.]
Kart. let. (12b)	Kartograficheskaya letopis' [Cartographic Chronicle]	Nar. Az. i Afr. (4a)	Narody Azii i Afriki; istoriya, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]
Khim. inform. (13d)	Khimicheskaya informatsiia; sistematischeeskii ukazatel' stat'ei v inostrannykh zhurnalakh [Chemical Information; Classified Index of Articles in Foreign Periodicals]	Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Khim. v sel'. khoz. (15a)	Khimia v sel'skom khoziaistve [Chemistry in Agriculture]	Nauch. dokl. vys. shkoly; biol. nauki (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Nauchnye doklady vysshei shkoly; biologicheskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools; Biological Sciences]
Khirurgiya (14h)	Khirurgiya [Surgery]	Nauk. zap. Chern. un. Ser. susp. nauk (1a)	Chernovyi. Universitet. Nauchnye zapyski [University. Studies. Series in the Social Sciences]
Knizh. let. (2a)	Knizhnaya letopis' [Book Chronicle]	Nef' i gaz. prom. (16h)	Neftiannaya i gazovaya promyshlennost' [Petroleum and Gas Industry]
Koks i khim. (16c)	Koks i khimika [Coke and Chemistry]	Nef' khoz. (16h)	Nefiannoe khoziaistvo [The Petroleum Industry]
Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]	Neftegaz. geol. i geofiz. (16h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]	Nefteper. i neftekhim. (16h)	Neftepererabotka i neftekhimika [Petroleum Refining and Petrochemical Chemistry]
Kommunist (8)	Kommunist [Communist]	Neftekhimika (16c)	Neftekhimika [Petrochemistry]
Lab. delo (14e)	Laboratornoe delo [Laboratory Work]	Nefteprom. delo (16h)	Neftepromyslovoe delo [Petroleum Production]
Let. druku BSSR (2a)	Letapis druku BSSR, Letopis' pechat' BSSR [Chronicle of the Publications of the White Russian S.S.R.]	Nek. vop. issl. elektromag. pol. Zemli. (13f)	Akademii nauk Gruzinskoi SSR, Tiflis, Institut geofiziki. Nekotoryye voprosy issledovaniia elektromagnitnogo polia Zemli [Academy of Sciences of the Georgian S.S.R. Institute of Geophysics, Some problems in the Investigation of the Terrestrial Electromagnetic Field]
Let. gazet. st. (2a)	Letopis' gazetnykh stat'ei [Chronicle of Newspaper Articles]	Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]
Let. izobr. isk. (10a)	Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]	Nov. inostr. knigi: kat. nov. postup. (2b)	Akademii nauk SSSR, Biblioteka. Novye inostrannye knigi; katalog novykh postupenii, ... [Academy of Sciences of the U.S.S.R. Library, New Foreign Books; Catalog of New Accessions, ...]
Let. muz. lit. (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]	Nov. inostr. lit. po filos. (3a)	Novaya inostrannaya literatura po filosofii [New Foreign Literature on Philosophy]
Let. zhur. st. (2a)	Letopis' zhurnal'nykh stat'ei [Chronicle of Periodical Articles]	Nov. inostr. lit. po iaz. (11a)	Novaya inostrannaya literatura po iazykoznaniiu [New Foreign Literature on Linguistics]
Lis., pap. i der. prom. (16f)	Lisova, papirova i derevobrobnaia promyslovost' [Forest, Paper, and Woodworking Industry]	Nov. inostr. lit. po ist., arkhool. i etn. (4a)	Novaya inostrannaya literatura po istorii, arkhologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]
Lit. proizv. (16h)	Litfnoe proizvodstvo [Foundry Practice]	Nov. inostr. lit. po lit. (11b)	Novaya inostrannaya literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Mat. i issl. po arkheol. SSSR (4b)	Materiialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]	Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]
		Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimika, geologiya, fizicheskaya geografiia [New Foreign Books: Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]
		Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriya V: Biologiya, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]

Nov. knigi za rub. po obshchestv. naukam (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [New Foreign Books on the Social Sciences, Economics, Philosophy, History, International Relations]	Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]
Nov. lit. o nauke i nauch. - issl. rab. za rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]	Ref. sbor.: Ekon. prom. (5b)	Referativnyi sbornik Ekonomika promyshlennosti [Journal of Abstracts of Industry]
Nov. lit. po Bulg. (2a)	Novaya literatura po Bulgarii [New Literature on Bulgaria]	Ref. zhur.: Astron. (13b)	Referativnyi zhurnal: Astronomiya (Oldel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)]
Nov. lit. po Chekh. (2a)	Novaya literatura po Chekhoslovakii [New Literature on Czechoslovakia]	Ref. zhur.: Av. i raket. dvig. (16b)	Referativnyi zhurnal: Aviatstomnye i raketnye dvigateli (Oldel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)]
Nov. lit. po Ger. Dem. Resp. (2a)	Novaya literatura po Germanskoi Demokraticheskoi Respublike [New Literature on the German Democratic Republic]	Ref. zhur.: Avt. dor. (16d)	Referativnyi zhurnal: Avtomobil'nye dorogi [Journal of Abstracts: Highways]
Nov. lit. po Iug. (2a)	Novaya literatura po Iugoslavii [New Literature on Yugoslavia]	Ref. zhur.: Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]
Nov. lit. po obshch. probl. evrop. sots. stran (4a)	Novaya literatura po obshchim problemam evropejskikh sotsialisticheskikh stran [New Literature on the General Problems of the European Socialist Countries]	Ref. zhur.: Avtom., telem. i vych. tekhn. (16e)	Referativnyi zhurnal: Avtomatika, telemekhanika i vychislitel'naya tekhnika [Journal of Abstracts: Automatic Control, Remote Control, and Computer Technology]
Nov. lit. po Pol'. (2a)	Novaya literatura po Pol'she [New Literature on Poland]	Ref. zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiya [Journal of Abstracts: Biology]
Nov. lit. po Rum. (2a)	Novaya literatura po Rumynii [New Literature on Rumania]	Ref. zhur.: Biol. khim. (13c)	Referativnyi zhurnal: Biologicheskaya khimiya (Oldel'nyi vypusk 30f) [Journal of Abstracts: Biochemistry (Separate Issue 30f)]
Nov. lit. po Veng. (2a)	Novaya literatura po Vengrii [New Literature on Hungary]	Ref. zhur.: Dvig. vnutr. agor. (16g)	Referativnyi zhurnal: Dvigateli vnutrennego sgoraniya (Oldel'nyi vypusk 30) [Journal of Abstracts: Internal-Combustion Engines (Separate Issue 30)]
Nov. sov. ekon. lit. (5b)	Novaya sovetskaya ekonomicheskaya literatura [New Soviet Economic Literature]	Ref. zhur.: Farm. Khimioterap. sred. Toks. (14f)	Referativnyi zhurnal: Farmakologiya, Khimioterapevticheskie sredstva, Toksikologiya (Oldel'nyi vypusk 54) [Journal of Abstracts: Pharmacology, Chemotherapy, Toxicology (Separate Issue 54)]
Nov. sov. i inostr. lit. po stran. Az. i Afr. (2a)	Novaya sovetskaya i inostrannaya literatura po stranam Azii i Afriki [New Soviet and Foreign Literature on the Countries of Asia and Africa]	Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Nov. sov. i inostr. lit. po vop. ateiz. i rel. (3b)	Novaya sovetskaya i inostrannaya literatura po voprosam ateizma i religii [New Soviet and Foreign Literature on the Problems of Atheism and Religion]	Ref. zhur.: Fotokinetekh. (16g)	Referativnyi zhurnal: Fotokinetika (Oldel'nyi vypusk 45) [Journal of Abstracts: Photographic and Motion-Picture Equipment (Separate Issue 46)]
Nov. sov. lit. po filos. (3a)	Novaya sovetskaya literatura po filosofii [New Soviet Literature on Philosophy]	Ref. zhur.: Geod. (13b)	Referativnyi zhurnal: Geodeziya (Oldel'nyi vypusk 42) [Journal of Abstracts: Geodesy (Separate Issue 42)]
Nov. sov. lit. po iaz. (11a)	Novaya sovetskaya literatura po iazykoznaniiu [New Soviet Literature on Linguistics]	Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Nov. sov. lit. po ist., arkeol. i etn. (4a)	Novaya sovetskaya literatura po istorii, arkeologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]	Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiya [Journal of Abstracts: Geography]
Nov. sov. lit. po lit. (11b)	Novaya sovetskaya literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]	Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]
Nov. tov. (5a)	Novye tovary; Informatsionnyiulleten' [New Consumer Goods; Information Bulletin]	Ref. zhur.: Gor. mash. (16h)	Referativnyi zhurnal: Gornye mashiny (Oldel'nyi vypusk 43) [Journal of Abstracts: Mining Machinery (Separate Issue 43)]
Nov. vrem. (6)	Novoe vremia [New Times]	Ref. zhur.: IAD. reak. (16e)	Referativnyi zhurnal: IADernye reaktory (Oldel'nyi vypusk 50) [Journal of Abstracts: Nuclear Reactors (Separate Issue 50)]
Obog. rud (16h)	Obogashchenie rud [Ore Dressing]	Ref. zhur.: Issl. kosm. prostr. (13b)	Referativnyi zhurnal: Issledovanie kosmicheskogo prostranstva (Oldel'nyi vypusk 62) [Journal of Abstracts: Space Research (Separate Issue 62)]
Obshch. vop. prog. (13e)	Akademiya nauk SSSR, Vychislitel'nyi tsentr, Obshchie voprosy programirovaniya [Academy of Sciences of the U.S.S.R. Computation Center. General Problems in Programming]	Ref. zhur.: Khim. (13d)	Referativnyi zhurnal: Khimiya [Journal of Abstracts: Chemistry]
Ortop., travm. i protez. (14h)	Ortopediya, travmatologiya i protezirovaniye [Orthopedics, Traumatology, and Prosthesis]	Ref. zhur.: Khim. i khol. mashinost. (16e)	Referativnyi zhurnal: Khimicheskoe i kholodil'noe mashinostroenie (Oldel'nyi vypusk 47) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 47)]
Part. zhizn' (6)	Partiinaya zhizn' [Party Life]	Ref. zhur.: Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Pedag. i nar. obr. v zarub. stran. (8a)	Pedagogika i narodnoe obrazovanie v zarubezhnykh stranakh; sbornik referatov [Pedagogy and Public Education Abroad; Abstracts]	Ref. zhur.: Komm. i byt. i torg. obor. (16g)	Referativnyi zhurnal: Kommunal'noe, bytovoe i torgovoe oborudovanie (Oldel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]
Plan. khoz. (5b)	Planovoe khoziaistvo [Planned Economy]	Ref. zhur.: Kotloatr. (16g)	Referativnyi zhurnal: Kotlostroenie (Oldel'nyi vypusk 45) [Journal of Abstracts: Boiler Manufacture (Separate Issue 45)]
Plast. massy. (16c)	Plasticheskie massy [Plastics]	Ref. zhur.: Leg. prom. (16f)	Referativnyi zhurnal: Legkaya promyshlennost' [Journal of Abstracts: Light Industry]
Pochvovedenie (15a)	Pochvovedenie [Soil Science]	Ref. zhur.: Lesovod. i lesovod. (15e)	Referativnyi zhurnal: Lesovodstvo i lesopromyshlennost' (Oldel'nyi vypusk 56) [Journal of Abstracts: Forestry and Forest Management (Separate Issue 56)]
Porosh. met. (16h)	Poroshkovaya metallurgiya [Powder Metallurgy]	Ref. zhur.: Mashinostroi. mat. konstr. i rasch. det. mash. Gidr. (16g)	Referativnyi zhurnal: Mashinostroitel'nye materialy, konstruktivnyy i raschet detalей mashin. Gidrovodov (Oldel'nyi vypusk 48) [Journal of Abstracts: Materials for Machinery Manufacture and the Design of Machine Parts Hydraulic Drive (Separate Issue 48)]
Prak. sudebnopsikh. ekspert. (14c)	Praktika sudebnopsikhiatricheskoi ekspertizy [Practice of Forensic Psychiatry Expertise]	Ref. zhur.: Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Oldel'nyi vypusk 36) [Journal of Abstracts: Medical Geography (Separate Issue 36)]
Prikl. mekh. (16g)	Prikladnaya mekhanika [Applied Mechanics]	Ref. zhur.: Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]	Ref. zhur.: Metr. i izm. tekhn. (16a)	Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Oldel'nyi vypusk 32) [Journal of Abstracts: Metrology and Measurement Techniques (Separate Issue 32)]
Prom. energ. (16e)	Promyshlennaya energetika [Industrial Power]	Ref. zhur.: Ob. vop. pat. Ouk. (14e)	Referativnyi zhurnal: Obshchie voprosy patologii. Onkologiya (Oldel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology. Oncology (Separate Issue 53)]
Pyt. nov. ta novit. ist. (4a)	Pytaniya novoi ta novit'oi istorii [Problems in Modern and Recent History]	Ref. zhur.: Obor. pishch. prom. (16g)	Referativnyi zhurnal: Oborudovanie pishchevoi promyshlennosti (Oldel'nyi vypusk 38) [Journal of Abstracts: Equipment of the Food Industry (Separate Issue 38)]
Rad. pravo (7)	Radians'ke pravo [Soviet Law]		
Radiobiologiya (13c)	Radiobiologiya [Radiobiology]		
Radiokhimiya (13d)	Radiokhimiya [Radiochemistry]		
Razved. i okh. nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]		

Ref. zhur.: Radiotekh. i elektrosvyaz' (16c)	Referativnyi zhurnal: Radiotekhnika i elektrosvyaz' [Journal of Abstracts: Radio Engineering and Telecommunication]	Sov. radio i tel. (9a)	Sovetskoe radio i televiziya [Soviet Radio and Television]
Ref. zhur.: Raketostr. (16b)	Referativnyi zhurnal: Raketoostroenie (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]	Sov. torg. (5a)	Sovetskaya torgovlya [Soviet Commerce]
Ref. zhur.: Rast. (16d)	Referativnyi zhurnal: Rastenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)]	Stal' (16h)	Stal' [Steel]
Ref. zhur.: Stroitel'stvo i dorozhnye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]	Referativnyi zhurnal: Stroitel'stvo i dorozhnye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]	Stand. i kach. (16a)	Standarty i kachestvo [Standards and Quality]
Ref. zhur.: Tekh. i obrab. tsel. bum. i poligr. proizv. (16g)	Referativnyi zhurnal: Tekhnologiya i oborudovanie tsellulozno-bumazhnogo i poligraficheskogo proizvodstva (Otdel'nyi vypusk 37) [Journal of Abstracts: Technology and Equipment of the Woodpulp, Paper, and Printing Industry (Separate Issue 37)]	Svod. blul. nov. inostr. knig. Ser. B (2a)	Svodnyi bulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriya B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Ref. zhur.: Tekh. mashinostr. (10g)	Referativnyi zhurnal: Tekhnologiya mashinoostroenia [Journal of Abstracts: Technology of Machinery Manufacture]	Subtrop. kul't. (15d)	Subtropicheskie kul'tury [Subtropical Crops]
Ref. zhur.: Trakt. i sel'skokhoz. mash. i orud. (10g)	Referativnyi zhurnal: Traktory i sel'skokhoziaistvennye mashiny i orudie (Otdel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Separate Issue 44)]	Sud. - med. ekspert. (14a)	Sudobno-meditsinskaya ekspertiza [Forensic Medicine Expertise]
Ref. zhur.: Trub. transp. (16g)	Referativnyi zhurnal: Truboprovodnyi transport (Otdel'nyi vypusk 45) [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)]	Svar. proizv. (10f)	Svarochnoe proizvodstvo [Welding Practice]
Ref. zhur.: Turbostr. (16g)	Referativnyi zhurnal: Turboostroenie (Otdel'nyi vypusk 49) [Journal of Abstracts: Turbine Manufacture (Separate Issue 49)]	Tekh. bibliot. SSSR (2b)	1 Tekhnicheskie biblioteki SSSR [Technical Libraries of the U.S.S.R.]
Ref. zhur.: Vod. transp. (17b)	Referativnyi zhurnal: Vodnyi transport [Journal of Abstracts: Water Transportation]	Tekh. i org. proizv. (16g)	Tekhnika i organizatsiya proizvodstva [Technology and Organization of Production]
Ref. zhur.: Vop. tekhn. prog. i org. proizv. v mashinostr. (16g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinoostroeni (Otdel'nyi vypusk 35) [Journal of Abstracts: Problems of Technological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)]	Tekh. v sel'skhoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Ref. zhur.: Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]	Trudy Dnepr. inst. cher. met. (16h)	1 Dnepropetrovsk. Institut chornoj metallurgii. Trudy [Institute of Ferrous Metallurgy. Transactions]
Ref. zhur.: Vzaimodels. raz. vid. transp. i kont. porov. (16g)	Referativnyi zhurnal: Vzaimodelsivie raznykh vidov transporta i konteynernye perevozki (Otdel'nyi vypusk 31) [Journal of Abstracts: Container Shipments and the Interaction of Various Types of Transportation (Separate Issue 31)]	Trudy GGO (13f)	Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy [Main Geophysical Observatory. Transactions]
Sbor. mat. TSNIIMF. Mor. pravo i prak. (7)	Leningrad. TSentral'nyi nauchno-issledovatel'skii Institut morskogo flota. Sbornik materialov. Morskoe pravo i praktika [Central Scientific Research Institute of the Merchant Marine. Materials. Maritime Law and Practice]	Trudy GIN (12c)	Akademii nauk SSSR. Geologicheskii Institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions]
Sbor. nauch. trud. SOGMI (14a)	Ordzhonikidze. Severo-Osetinskii gosudarstvennyi meditsinskii Institut. Sbornik nauchnykh trudov [North Ossetian State Medical Institute. Papers]	Trudy Geol. inst. AN Gruz. SSR (12c)	Akademii nauk Gruzinskoi SSR, Tiflis. Geologicheskii Institut. Trudy, Novaya seriia [Academy of Sciences of the Georgian S.S.R. Geological Institute. Transactions. New Series]
Sbor. post. VTSSPS (5d)	Vsesoluznyi TSentral'nyi Sovet Professional'nykh Soluzov. Sbornik postanovlenii [All-Union Central Council of Trade Unions. Decisions]	Trudy INKH (5b)	Moscow. Institut narodnogo khoziaistva. Trudy [Institute of the National Economy. Transactions]
Sbor. rab. NIITM (10g)	1 Roslov-on-Don. Nauchno-issledovatel'skii Institut tekhnologii mashinoostroenia. Sbornik rabot [Scientific Research Institute of the Technology of Machinery Manufacture. Papers]	Trudy Inst. bot. AN Azerb. SSR (13c)	Akademii nauk Azerbaidzhanской SSR, Baku. Institut botaniki. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Botany. Transactions]
Sbor. st. po geol. i gidrogeol. (12c)	1 Sbornik statei po geologii i gidrogeologii [Papers on Geology and Hydrogeology]	Trudy Inst. bot. AN Kazakh. SSR (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Botany. Transactions]
Seism. blul. seli opor. seism. sta. SSSR (12c)	1 Seismologicheskii bulleten' seli opornykh seismicheskikh stantsii SSSR [Seismological Bulletin of the Seismic Research Stations of the U.S.S.R.]	Trudy inst. etn. (12a)	Akademii nauk SSSR. Institut etnografi. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
Sel'skhoz. (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Classified Index of Articles in Foreign Periodicals]	Trudy Inst. okean. (12b)	Akademii nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions]
Shakht. stroit. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]	Trudy LIEI (16a)	Leningrad. Leningradskii inzhenerno-ekonomicheskii Institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
Sib. mat. zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]	Trudy MATI (16b)	Moscow. Aviatsonnyi tekhnologicheskii Institut. Trudy [Technological Institute of Aeronautics. Transactions]
Soob. AN Gruz. SSR (1a)	Akademii nauk Gruzinskoi SSR, Tiflis. Soobshchenia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]	Trudy Mat. inst. AN Gruz. SSR (13c)	Akademii nauk Gruzinskoi SSR, Tiflis. Matematicheskii Institut. Trudy [Academy of Sciences of the Georgian S.S.R. Mathematical Institute. Transactions]
Sots. zakon. (7)	Sotsialisticheskaya zakonost' [Socialist Legality]	Trudy NIIGAIK (10a)	1 Novosibirsk. Institut inzhenerov geodezii, aerofotogrammetrii i kartografii. Trudy [Institute for Engineers in Geodesy, Aerial Photography, and Cartography. Transactions]
Sov. arkh. (4a)	1 Sovetskie arkhivy [Soviet Archives]	Trudy Paleont. inst. (12c)	Akademii nauk SSSR. Paleontologicheskii Institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]	Trudy TSIU (14a)	Moscow. TSentral'nyi Institut usovershenstvovaniia vrachei. Trudy [Central Institute for Postgraduate Training of Physicians. Transactions]
Sov. iust. (7)	Sovetskaya iustitsiia [Soviet Justice]	Trudy TSNIIMF (17b)	Leningrad. TSentral'nyi nauchno-issledovatel'skii Institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]
Sov. med. (14a)	Sovetskaya meditsina [Soviet Medicine]	Trudy Turk. nauch.-issl. trakh. inst. (14d)	Turkmenakii nauchno-issledovatel'skii trakhomatologii Institut. Trudy [Turkmen Scientific Research Trachoma Institute. Transactions]
Sov. muz. (9b)	Sovetskaya muzyka [Soviet Music]	Trudy Ufim. av. inst. (10b)	1 Ufa. Aviatsonnyi Institut. Trudy [Aeronautical Institute. Transactions]
Sov. potrebn. koop. (5a)	Sovetskaya potrebitel'skaya kooperatsiia [Soviet Consumer Cooperation]	Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii Institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]
Sov. profsoyuz (5d)	Sovetskoe profsoyuz [Soviet Trade Unions]	Trudy Ural. politekhn. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii Institut. Trudy [Ural Polytechnic Institute. Transactions]
		Trudy VNAIZ (18e)	Moscow. Vsesoluznyi nauchno-issledovatel'skii Institut zvukozapisi. Trudy [All-Union Scientific Research Institute of Sound Recording. Transactions]
		Trudy VNIIP [MS] (12c)	Vsesoluznyi nauchno-issledovatel'skii Institut p'ezoopticheskogo mineral'nogo syr'ia. Trudy [All-Union Scientific Research Institute of Piezo-Optical Mineral Resources. Transactions]

Trudy VSEGEI (12c)	Leningrad, Vsesoiuznyi geologicheskii institut, Trudy [All-Union Geological Institute. Transactions]	Vestni AN BSSR. Ser. hram. nav. (1a)	Akademii nauk BSSR, Minsk. Seryia hramatskikh nauk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences]
Trudy VSEGINGEO (12c)	Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut gidrogeologii i inzhenernoi geologii, Trudy [All-Union Scientific Research Institute of Hydrogeology and Engineering Geology. Transactions]	Vestni AN BSSR. Ser. sel'khoz. nav. (15a)	Akademii nauk BSSR, Minsk. Vestni. Seryia sel'skokhozi- darstvennykh nauk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Agricultural Sciences]
Trudy Vych. tsentra AN Gruz. SSR (13e)	Akademii nauk Gruzinskoi SSR, Tiflis. Vychislitel'nyi tsentr. Trudy [Academy of Sciences of the Georgian S.S.R. Computation Center. Transactions]	Voen. znan. (17a)	Voennoye znanie [Military Knowledge]
TSitologiya (13c)	TSitologiya [Cytology]	Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Uch. zap. Gor. - Alt. nauch. - issl. inst. ist., kaz. i lit. (1a)	+ Gorno-Altaysk. Nauchno-issledovatel'skii institut istorii, azyka i literatury. Uchenye zapiski [Scientific Research Institute of History, Language, and Literature. Studies]	Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSU]
Uch. zap. MOPI (1a)	Moscow, Moskovskii oblastnoi pedagogicheskii institut, Uchenye zapiski [Moscow Province Pedagogical Institute. Studies]	Vop. izobr. (16a)	Voprosy izobretenel'stva [Problems of Invention]
Uch. zap. NIIGA. Ser. "Paleont. i biost." (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki, Uchenye zapiski, Seriya "Paleontologiya i biostратigra- fiya" [Scientific Research Institute of the Geology of the Arctic. Studies. Series "Paleontology and Biostratigraphy"]	Vop. psikh. (3a)	Voprosy psikhologii [Problems of Psychology]
Ukr. ist. zhur. (4a)	Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]	Vop. sel'khoz. mekh. (15a)	Voprosy sel'skokhoziastvennoi mekhaniki [Problems in Agricultural Mechanics]
Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sci- ences]	Vysokom. soed. (13d)	Vysokomolekulyarnye soedineniya [Macromolecular Com- pounds]
Ved. Verkh. Sov. RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]	Vzryv. delo (16h)	Vzryvnoe delo [Blasting]
Ved. Verkh. Sov. SSSR (7)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]	Zashch. met. (16h)	Zashchita metalliv [Metals' Protection]
Vest. drev. ist. (4a)	Akademii nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U. S. S. R. Institute of History. Review of Ancient History]	Zashch. rast. (15d)	Zashchita rastenii [Protection of Plants]
Vest. LGU (1a)	Leningrad, Universitet. Vestnik [University. Review]	Zemledelie (15d)	Zemledelie [Agriculture]
Vest. Mosk. un. Ser. 6: Biol., pochv. (13c)	Moscow, Universitet. Vestnik. Seriya 6: Biologiya, pochvovedenie [University. Review. Series 6: Biology, Soil Science]	Zer. i masl. kul't. (15d)	+ Zernovyye i maslichnye kul'tury [Grain and Oilseed Crops]
Vest. Mosk. un. Ser. 11: Zhur. (11b)	Moscow, Universitet. Vestnik. Seriya 11: Zhurnal'stika [University. Review. Series 11: Journalism]	Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Vest. Mosk. un. Ser. 12: Pravo (7)	Moscow, Universitet. Vestnik. Seriya 12: Pravo [University. Review. Series 12: Law]	Zhur. mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immuno- biology]
Vest. sel'khoz. nauki [Kazakh.] (15a)	Vestnik sel'skokhoziastvennoi nauki [Review of Agri- cultural Science]. Kazakhstan.	Zhur. mod. (16f)	Zhurnal mod [Fashion Magazine]
		Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patri- archate]
		Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathol- ogy and Psychiatry]
		Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
		Zhur. vys. nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal on Higher Nervous Activity]
		Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

SUBJECT INDEX TO MONOGRAPHS AND PERIODICALS

ACTH

Reaction of mast cells to adrenocorticotrophic and adrenocortical hormones. A. I. Bukhonova. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:71-75 '66.

ADDOMEN—DISEASES

Abdominal Schoenlein-Henoch's purpura in the clinical aspects of acute abdomen. A. E. Cheban, Z. K. Duplik. Sov. med. 29 no. 5:41-44 My '66.

Meckel's diverticulum as the cause of acute processes in the abdominal cavity. A. F. Petrov. Sov. med. 29 no. 7:101-103 JI '66.

ADDOMEN—SURGERY

Some acute surgical diseases of abdominal organs in elderly and senile persons. A. N. Shabanov and others. Khirurgia 42 no. 8:85-89 Je '66.

Vitamin, Latvian. [Laparoscopy. Translated from Hungarian] Laparoskopija. Budapest, Izd-vo Akad. nauk Vengrii, 1960. 2 v. (DNLB)

ABELIAN GROUPS

S-isomerisms of metabelian groups without torsion. N. V. Loiko. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1: 61-68 '65.

ABILITY

Petrovskii, A. V. [Abilities and work] Sposobnosti i trud. Moskva, Znanie, 1960. 78 p. (Narodnyi universitet; Pedagogicheskii fakul'tet, no. 7)

ABNORMALITIES (PLANTS)

Induced necrosis in an apple shoot. V. N. Liznev. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:56-58 '66.

ABOMASUM

Pathologicomorphological changes in the abomasum of newborn calves with colibacteriosis. V. V. Perminova. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:48-53 JI '66.

ABSOLUTE DIFFERENTIAL CALCULUS see Calculus of tensors

ABSORPTION (PHYSIOLOGY)

Role of the splanchnic nerves in the transmission of effects from the hypothalamus on the absorption in the small intestine. Z. O. Dobrovols'ka. Fiziol. zhur. [Ukr.] 12 no. 4:465-470 JI-Ag '66.

ABSORPTION OF SOUND

Absorption of sound in the intermediate state of superconductors. A. P. Andreev, I. M. Bruk. Zhur. eksp. i teor. fiz. 50 no. 5:1420-1424 My '66.

ABSORPTION SPECTRA

Chromaticity of esters of nitro-substituted aromatic carboxylic acids and phenols. Part 1: 4-Nitrobenzoic acid esters. A. V. Belotvetov, V. A. Glushonkov, M. K. Larina. Zhur. ob. khim. 36 no. 7:1195-1201 JI '66.

Chromaticity of esters of nitro-substituted aromatic carboxylic acids with phenols. Part 2: Esters of trans-4-nitrocinamic acid. A. V. Belotvetov, T. F. Enina, M. K. Larina. Zhur. ob. khim. 36 no. 7: 1202-1204 JI '66.

ABSTRACT ART see Art, Abstract

ABU DHABI—POLITICS

The expulsion of Emir Shakhput. L. Skuratov. Nov. vrom. 24 no. 34:18-20 Ag '66.

ABUSE OF ADMINISTRATIVE POWER

Struggle against the abuse of administrative power. S. Vyshnove'kyl. Rad. pravo 20 no. 8:31-34 Ag '66.

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Miscellaneous information. Dop. AN URSR no. 7:1070-071 '66.

ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R.

Annual general meeting of the Academy of Sciences of the White Russian S.S.R. Vest. AN BSSR, Ser. hram. nav. no. 2:125-129 '66.

ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R.—CONGRESSES

Annual General Meeting of the Academy of Sciences of White Russia. Vest. AN BSSR, Ser. sel'khoz. nav. no. 2:133-137 '66.

ACCELERATION (MECHANICS)—MEASUREMENT

Gik, L. D. [Acceleration measurement] Izmerenie uskorenii. Novosibirsk, Nauka, 1959. 122 p.

ACCELERIN

Methodology for the determination of accelerin activity in the plasma of dogs. M. I. Mamikonian, Sbor. nauch. trad. SOGMI no. 1:79-82 '64.

ACCIDENTS—PREVENTION

Gorkiy. Gor'kovskii nauchno-issledovatel'skii institut travmatologii i ortopedii. [Prevention of traumatism and treatment of traumas and their consequences; materials for a scientific conference] Profilaktika travmatizma i lechenie travm i ikh posledstviy; materialy k nauchno-konferentsii. Gor'kii, 1964. 330 p. (DNLB)

ACCLIMATIZATION

Characteristics of the course of neurogenic allergic myocardial infarct under the conditions of high-mountain climate. V. T. Antonenko, I. S. Kozachuk. Fiziol. zhur. [Ukr.] 12 no. 4:496-502 JI-Ag '66.

ACCLIMATIZATION (PLANTS)

Viability and growth of Scotch pine plantations in Ar-changel Province, established by planting seeds from various areas of the taiga zone. V. I. A. Popov, P. I. Votchal'. Izv. vys. ucheb. zav.; les. zhur. 9 no. 3:13-16 '66.

ACCOUNTING

(see also subdivisions under Czechoslovakia; Rostov Province)

In the Collegium of the Ministry of Finance of the U. S. S. R. Fin. SSSR 40 no. 7:93-96 JI '66.

Maliulin, I. A. [Balance and technique of accounting] Balans i tekhnika ucheta. [Leningrad] Lenizdat, 1960. 161 p.

The new forms of primary documentation. Bukhg. uch. no. 5:80 Je '66.

Shekhlov, B. S. [Accounting should aid economics of enterprises] Bukhgal'terski ulik - na shizhu ekanomiki prapryemstva. Minsk, Belarus', 1960. 22 p. (U dapanohu vyvuchalucyym ekanomiku, no. 12)

Survey of theses in accounting. Bukhg. uch. no. 6:66-71 Je '66.

ACCOUNTING—CONGRESSES

In the Methodological Council. Bukhg. uch. no. 6:78-80 Je '66.

ACCOUNTING—STUDY AND TEACHING

Training of the accountant. I. Kozak. Bukhg. uch. no. 6:130-31 Je '66.

ACCLUTURATION

The nature of the rapprochement process in the family of socialist nationalities. G. O. Zimnans. Vop. ilos. 20 no. 7:3-12 '66.

ACETAMIDE—EFFECT ON PLANTS see Plants, Effect of acetamide on

ACETIC ACID

Acylation of mercurized acetic acid esters. I. F. Lutsenko, V. L. Foss, A. N. Nesmejanov. Dokl. AN SSSR 169 no. 1:117-119 JI '66.

Detection of acetic acid in biological material by means of iodine-lanthanum reaction. L. I. Gel'gasen. Sud.-med. eksp. 9 no. 3:46-47 JI-S '66.

Helium isotope exchange in the system $He^{3+} - Ho$ (ethylenediaminetetraacetic acid). I. U. A. Makashev, I. E. Makasheva, V. A. Mol'nikov. Radiokhimiya 8 no. 3:371-373 '66.

Participation of acetic acid in the formation of glutamic acid by Pseudomonas liquefaciens culture. V. N. Shaposhnikov, I. G. Orlova. Izv. AN SSSR, Ser. biol. 31 no. 4: 517-524 JI-Ap '66.

Photoelectrocolorimetric method for determining liphen and the conditions of its extraction. I. M. Bodnar. Farmatsev. zhur. 20 [1, 2] no. 4:37-39 '66.

Reaction of diazoacetic ester with branched alkenes. A. P. Meshcheriakov and others. Izv. AN SSSR, Ser. khim. no. 7:1235-1240 '66.

ACETIC ACID—PHYSIOLOGICAL EFFECT

Antiarhythmic activity of tetrabutylamide of ethylenediaminetetraacetic acid. E. I. Gendenshtein. Bliz. eksp. biol. i med. 62 no. 7:71-73 JI '66.

ACETOACETIC ACID

β -Diacarbonyl compounds. Report No. 23: Acetoacetic acid uricid. G. V. Kondrat'eva and others. Izv. AN SSSR, Ser. khim. no. 7:1219-1223 '66.

ACETONITRILE

Regulation of copolymer composition during the copolymerization of epichlorohydrin with acetonitrile in the presence of some catalysts. A. A. Durgarian, R. M. Boginlan. Vysokom. soed. 8 no. 8:1326-1329 Ag '66.

ACETYLENE

Role of excited triplet states in the formation and thermal transformations of acetylene. I. U. P. Lampolskii, A. M. Brodskii. Dokl. AN SSSR 169 no. 2:1356-1359 Je '66.

ACETYLENE COMPOUNDS

Synthesis of acetylenic formal and their hydroxylation. I. A. Shikliev, A. A. Vutarkha, B. M. Gusein-zade. Zhur. ob. khim. 36 no. 7:1293-1295 JI '66.

Synthesis of some di- and tetraacetylenic amines. M. S. Shvartsberg, V. N. Andrievskii, I. L. Kotliarskii. Izv. AN SSSR, Ser. khim. no. 7:1272-1275 '66.

ACETYLENE GENERATORS

Thermal hazards in the process of acetylene production by thermo-oxidizing pyrolysis of natural gas. A. Ambartsumian and others. Prom. Arm. 9 no. 5: 52-54 My '66.

ACID-BASE EQUILIBRIUM

Effect of artificial respiration with 100% oxygen on the acid-base equilibrium of the blood during resuscitation. I. O. Zaks. Ortop., travm. i protez. 27 no. 5:26-30 My '66.

ACIDOSIS

Use of THAM in the control of acidosis in terminal states caused by the loss of blood. V. A. Negovskii, I. E. Trubina. Ortop., travm. i protez. 27 no. 5:30-35 My '66.

ACIDS—HANDLING AND TRANSPORTATION

Mechanization of operations with subversive liquids. I. N. Makarov. Mekh. i avtom. proizv. 20 no. 7:26-28 JI '66.

ACIDS, FATTY

Extraction of mercury from nitric acid solutions by means of monocarboxylic acids of the C₇-C₉ fraction. I. N. Pleksin, Z. A. Anisimova. Dokl. AN SSSR 169 no. 1:120-122 JI '66.

Methodology of determining nonesterified fatty acids in the blood serum of young children. N. A. Korovina, I. U. E. Bel'tshchev, B. L. Lempert. Lab. delo no. 8: 471-473 '66.

ACIDS, INORGANIC, EFFECT OF RADIATION ON

Photolytic transformations of radicals in gamma-irradiated frozen aqueous solutions of inorganic acids. B. G. Ershov, A. K. Fikarev. Dokl. AN SSSR 169 no. 3:616-618 JI '66.

ACIDS, ORGANIC

Diazo compound. Part 23: Diazonium salts of heteropoly acids. V. V. Kozlov, V. P. Sagalovich, L. D. Ashkinadze. Zhur. ob. khim. 36 no. 7:1304-1309 JI '66.

ACIDS, ORGANIC (Continued)

Interaction of acetone, carbamide, acetamide, and dimethylsulfoxide with some organic acids and phenols in the solid phase. V. F. Chesnokov, I. M. Bokhovkin. *Zhur. ob. khim.* 36 no. 7:1170-1175 *Jl* '66.

Radiochemical synthesis of labeled carbonyl and carboxyl compounds based on hydrocarbons and labeled carbon monoxides. E. P. Kallazin, A. N. Nesmeianov, N. A. Bakh. *Radiochimia* 8 no. 3: 341-347 '66.

ACORNS

Effect of thermal treatment of acorns on the chlorophyll and carotenoid content in the leaves of annual oak seedlings. I. P. Efimov. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3:170-173 '66.

Lipids in oak acorns. Report No. 1. Amount of lipids and their metabolism in the process of acorn storage. A. M. Korneeva. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3:174-177 '66.

ACQUISITIONS (LIBRARIES)

How to prepare classified plans. T. Mistrukova. *Bibliotekar'* 43 no. 8:45-47 *Ag* '66.

[New foreign books; catalog of new accessions] Nov. Inostr. knigi; kat. nov. postup. no. 6 '66.

ACROLEIN

Polymerization of α -chloroacrolein. V. I. Bellaev and others. *Izv. AN SSSR, Ser. khim.* no. 7:1251-1254 '66.

ACRYLIC ACID

Interaction of diethylchlorophosphine with acrylic and methacrylic acid derivatives. V. S. Tsiyumin, G. Kh. Kamai, S. Kh. Nurtidinov. *Zhur. ob. khim.* 36 no. 7: 1223-1226 *Jl* '66.

Kinetics of trinitromethane addition to acrylic acid in water. S. S. Novikov, I. S. Ivanova. *Izv. AN SSSR, Ser. khim.* no. 7:1138-1145 '66.

Oligoester acrylates based on xylite and some properties of their polymers. A. A. Berlin and others. *Plast. massy* no. 8:18-21 '66.

ACTING—STUDY AND TEACHING

Shikhmatov, L. M. [Stage studies] *Sosnicheskoe etudy. Moskva, Sovetskaya Rossiya. (Biblioteka "V pomoshch' khudozhestvennoi samodelatelnosti," no. 10) No. 2. 1966. 92 p.*

ACTINIUM ISOTOPES

The new isotope Ac^{216} . Kh. Rotter. *Lad. fiz.* 4 no. 2: 246-251 *Ag* '66.

ACTINOMETRY

Use of industrial photocopying intensifiers for actinometric measurements on airplanes. L. B. Kravitskiy. *Trudy GGO* no. 163:36-39 '66.

ACTINOMYCES

Isolation of actinomycetes, the causative agents of potato scab. E. A. Daulbaev. *Izv. AN Kazakh. SSR, Ser. biol.* 4 no. 3:43-47 *My-Je* '66.

ACTINOMYCES—CULTURES AND CULTURE MEDIA

Lysozyme of phage-resistant Actinomyces erythreus strains, obtained by means of mutagens. M. V. Toroslan. *Genetika* no. 4:130-135 *Ap* '66.

Phage-resistant Actinomyces erythreus mutants, induced by various mutagens. M. V. Toroslan. *Genetika* no. 4:123-129 *Ap* '66.

ACTINOMYCINS

Authoradiographic analysis of the effect of actinomycin D and ribonuclease on the DNA synthesis in Ehrlich's ascitic cells. V. A. Arcefov. *TSitologiya* 8 no. 3:365-370 *My-Je* '66.

ACTIVATED CARBON see Carbon, Activated

ACTIVATION ENERGY

Decomposition of benzoyl peroxide in viscous solutions. G. P. Gladyshev and others. *Dokl. AN SSSR* 168 no. 5:1093-1095 *Je* '66.

Mechanism of the activation of a titanium surface prior to the application of an electrolytic coating. V. V. Usova, V. I. Leiner. *Zashch. met.* 2 no. 3:331-335 *My-Je* '66.

Polar effect of the extra-facial substituents on the activation of alkyl-... A. Balandin, 132-135 *Jl*

Reactions of perfluorodimethylketene with alcohols, amines, and acids. I. U. A. Choburkov and others. *Izv. AN SSSR, Ser. khim.* no. 7:1263-1267 '66.

ADAPTATION (BIOLOGY)

Changes in the number of eosinophils and basophils as an index of the reactive potential of the endocrine system. K. I. Myshkin, A. A. Reut. *Lab. delo* no. 8:452-455 '66.

Development of experimental amyloidosis in animals following their adaptation to hypoxia. Z. I. Kostina, Z. I. Barbasheva. *Biol. eksp. biol. med.* 62 no. 7:103-107 *Jl* '66.

Electron microscopic study of the adaptation process of cells in cultures in vitro. V. A. Shukhin, N. D. Onyankova, V. P. Kozyr. *Fiziol. zhur. [Ukr.]* 12 no. 4:544-547 *Jl*-*Ag* '66.

Interrelationship of high and low energy reactions as a mechanism of the adaptation of plants to seasonal changes of the environment. S. L. Ponomareva. *Dokl. AN SSSR* 168 no. 6:1427-1429 *Je* '66.

Mechanism of the effect of the "swimming test" on the resistance of mice to the decrease of partial oxygen pressure in the surrounding medium. T. S. Sulakvelidze, L. G. Khegaturova. *Shor. nauch. trad. SOGMI* no. 11:86-92 '61.

ADAPTIVE CONTROL SYSTEMS

Adaptive control systems with a model. E. P. Maslov, L. M. Osavskii. *Avtom. i telem.* no. 6:204-224 '66.

Asymptotic characteristics of an optimal extremal control system. I. U. S. Popkov. *Avtom. i telem.* no. 6: 90-98 '66.

Contribution to the statistical theory of gradient automatic optimization systems with double and single trial steps and their comparative analysis. N. G. Gorelik. *Avtom. i telem.* no. 6:99-107 '66.

Use of adaptive systems in the compensation of errors introduced by "parasitic" feedback. V. I. Kukitenko, A. I. Petrov. *Izv. AN SSSR, Tekh. kb.* no. 2:141-149 *Mr-Ap* '66.

ADDITION REACTIONS

Addition of alcohols, amines, dialkylphosphorus acids to esters of γ,γ -dimethylallylphosphonic acid. A. N. Pudovik, N. G. Khushaynova. *Zhur. ob. khim.* 36 no. 7: 1235-1240 *Jl* '66.

ADENINE

Structure of the complex of 9-methyladenine with 1-methyl-5-bromouracil. I. U. G. Baklagina, M. V. Volpenskaya, I. U. D. Kondrashov. *Dokl. AN SSSR* 169 no. 1: 229-231 *Jl* '66.

ADENOVIRUS INFECTIONS

Epidemiological characteristics of adenovirus diseases with the diarrhea syndrome. V. D. Velikova-Aldenkova, V. V. Ritova, A. I. Negina. *Zhur. mikrobiol., epid. i immun.* 43 no. 8:121-125 *Ag* '66.

ADHESION

Adhesion of hot-cured epoxy-novolac compositions. A. F. Nikolaev, M. S. Trizno, L. A. Petrova. *Plast. massy* no. 8:23-26 '66.

Appropriate structure of nonwoven fiber-bonded materials. V. B. Tikhonov. *Dokl. AN SSSR* 168 no. 5:1123-1124 *Je* '66.

Effect of radiation on the adhesion of polymer coatings to aluminum. V. I. A. Kabanov and others. *Dokl. AN SSSR* 169 no. 1:140-149 *Jl* '66.

Weakening of particle adhesion by isolation of the initial surface. A. D. Zimon. *Koll. zhur.* 28 no. 3:304-308 *My-Je* '66.

ADHESIONS (ANATOMY)

Reconstructive surgery on child for clastic gastric stenosis following acid burns. S. I. A. Dolatskii, A. A. Vanian. *Khirurgiya* 42 no. 6:40-41 *Je* '66.

ADHESIVES

Glasses and pastes used in gluing magnetic recording heads. N. A. Trifonova, P. M. Kozlov. *Trudy VNAIZ* no. 8:87-94 '61.

ADHESIVES—TESTING

Some data on properties of Czechoslovak epoxy resins and glued joints. S. A. Filippovich. *Plast. massy* no. 8: 74-77 '66.

ADMINISTRATION OF CRIMINAL JUSTICE see Criminal Justice, Administration of

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE ACTS

Prevent actively the issuance of unlawful legal acts. V. Kuznetsov. *Sots. zakon.* no. 5:28-32 *My* '66.

ADMINISTRATIVE AGENCIES

(see also subdivision under Ukraine)

Authority of administrative organs in the field of social and cultural development. V. I. Shabatlov. *Sov. gos. i pravo* 36 no. 8:12-20 *Ag* '66.

Cooperation between the soviet workers' parties and administrative agencies. O. Karpov. *Rud. pravo* 28 no. 2:19-22 *F* '66.

ADMINISTRATIVE LAW

Improve the performance of organs enforcing administrative sanctions. P. S. Razorenov. *Sov. gos. i pravo* 25 no. 8:119-124 *Ag* '66.

Sanctions granted by the state for the rules issued by public organizations. N. I. A. Sokolov. *Sov. gos. i pravo* 36 no. 8:110-114 *Ag* '66.

ADMINISTRATIVE RESPONSIBILITY

Issues confronting the U.S.S.R. and Union Republic legislation on administrative responsibility. O. Iakub. *Rud. pravo* 29 no. 7:64-67 *Jl* '66.

ADRENAL CORTEX

Effect of the hypophysis on the adrenal cortex function in radiation sickness caused by radiophosphorus. N. I. Latsish, V. G. Ovakimov. *Radiofizika* 6 no. 4:535-543 '66.

Morphological changes in the fascicular zone of the adrenal cortex under some pathological conditions. N. K. Bogdanovich. *Arkh. pat.* 28 no. 5:50-55 '66.

Role of the adrenal cortex in the increase of the resistance of X-irradiated white rats to acute hypoxia. G. A. Vasiliev, I. U. A. Medvedev. *Radiofizika* 6 no. 4:535-543 '66.

ADRENAL GLANDS

Morphological study of sex system, adrenal glands, and hypophysis in guinea pigs under effect of vitellogenin. I. V. T. Ratchev. *Arkh. pat.* 28 no. 6:55-63 '66.

ADRENAL GLANDS—DISEASES

Cytomegalic pneumonia and focal necrosis of adrenal glands with calcium deposition in a child. V. A. Tsaronov, A. A. Filippova. *Arkh. pat.* 28 no. 6:61-63 '66.

ADRENALINE

Effect of apomorphine on the inactivation of adrenaline in cats. M. L. Belen'kii, M. Vitolina, E. Naumova. *Biol. eksp. biol. med.* 61 no. 4:54-55 *Ap* '66.

Study of the mitotic activity in the epithelium of the small intestine during a prolonged effect of electric current and adrenaline on the body. V. V. Kozlov, Shor. nauch. trad. SOGMI no. 11:243-245 '61.

ADRENALINE IN THE BODY

Histochemical characteristics of adrenaline and noradrenaline in uterus wall and placenta at various pregnancy periods in white rats. G. I. Molodtsova. *Sob. AN Gruz. SSR* 43 no. 1:217-220 *Jl* '66.

ADRENALINE METABOLISM

Catecholamine metabolism in the sympathetic ganglia during stimulation of the preganglionic fibers in anesthetized animals. L. D. Klimovskaya, A. P. Medvedev. *Biol. eksp. biol. med.* 62 no. 7:39-41 *Jl* '66.

ADSORBENTS

Effect of the structure of solid adsorbents on the process of contact mass transfer in absorbing the heat of thermoplastic systems. L. S. Slobodan, I. A. Tarasov. *Inzh. fiz. zhur.* 10 no. 6:789-793 '66.

ADSORPTION

Adsorption and pigmentation properties of titanium dioxide with a modified surface. Part 1: Pigmented matrix modified by a mixture of aluminum and silicon oxides by the "wet method." T. A. Ermakova and others. *Koll. zhur.* 28 no. 3:380-387 *My-Je* '66.

Adsorption of curium on the surface of polished platinum. A. G. Samartseva. *Radiochimia* 8 no. 3: 253-277 '66.

Dielectric properties of water adsorbed by zeolites. Report No. 3: Dielectric losses in the system NaA zeolite crystals - water of average adsorption. V. B. Fedorov and others. *Izv. AN SSSR, Ser. khim.* no. 7: 1129-1135 '66.

Effect of association in solutions on the character of isotherms of adsorption of dissolved substances by solid adsorbents. N. F. Ermolenko, M. I. Latysheva. *Koll. zhur.* 28 no. 3:388-393 *My-Je* '66.

Effect of the adsorption of nonparamagnetic compounds on oxidized and graphitized blacks on their electron paramagnetic resonance spectrum. A. V. Kiselev, G. A. Lozlov, V. I. Iggin. *Koll. zhur.* 28 no. 3:470-408 *My-Je* '66.

Phase transition in benzene adsorbed on NaX zeolite. S. Z. Munnikov and others. *Dokl. AN SSSR* 169 no. 3:81-825 *Jl* '66.

ADYGE AUTONOMOUS PROVINCE—RUSSIAN LANGUAGE—STUDY AND TEACHING

In the schools of Adyge Autonomous Province. I. Nikitova, S. Shamsutdinova. *Nar. obr.* no. 8:15-18 *Ag* '66.

AERIAL PHOTOGRAMMETRY

Exposing recent fault zones by help of interpretation of aerial photographs. M. A. Akhmetiev. *Shor. nauch. trad. SOGMI* no. 5:156-160 '65.

AERIAL PHOTOGRAMMETRY (Continued)

Interpretation of some complexes of loose sediments in tundra plains. I. S. Gudulin, G. S. Konstantinova, Sbor. st. po geol. i gidrogeol. no. 5:127-142 '65.

Studying dynamics of natural processes by aerial photographs. L. L. Berman, Sbor. st. po geol. i gidrogeol. no. 5:143-149 '65.

Topographic interpretation of color photographs reproduced on various photographic papers. L. E. Smirnov, V. S. Kislovskii, Vest. LGU 21 no. 12:96-102 '66.

Use of aerial photographic materials in soil improvement studies in floodland and delta of Don River. R. N. Smirnov, N. N. Konovalov, Pochvovedeniye no. 8:23-26 Ag '66.

Using structural-morphologic relief analysis of Sakhalin in geological interpretation of aerial photographic materials. S. M. Aleksandrov, Sbor. st. po geol. i gidrogeol. no. 5:149-155 '65.

AEROBIC BACTERIA see Bacteria, Aerobic

AERODYNAMICS

Aerodynamic resistance of individual finned tubes in a transverse airflow. I. U. A. Malovich, V. M. Logkil, Izv. vyz. ucheb. zav.; energ. 9 no. 7:116-120 Ji '66.

Platon motion in a heat-conducting and viscous medium. M. P. Mikhailova, Dokl. AN SSSR 169 no. 1:58-57 Ji '66.

AERODYNAMICS, HYPERSONIC

Hyperersonic airflow having a given bending strength and minimal resistance. E. V. Bulygina, I. U. N. Iudin, Izv. vyz. ucheb. zav.; av. tekhn. 9 no. 2:110-125 '66.

AERODYNAMICS, SUPERSONIC

Comments on paper "Analytic solution of problem concerning supersonic gas flow past a lattice of conical airfoil. Parts 1 and 2." N. V. Smirnov, Vest. LGU 21 no. 13:136-139 '66.

AERONAUTICS—ABSTRACTS

[Air transportation] Ref. zhur.: Vozd. transp. no. 7 Ji '66

AERONAUTICS—FLIGHTS

Moscow-Teheran-Moscow. I. A. N. Moiseev, Av. i kosm. no. 8:80-81 Ag '66.

AERONAUTICS, MILITARY

Above oceans and seas. O. Nazarov, Av. i kosm. no. 8: 6-10 Ag '66.

"Spark" technical. A. Khvorost, A. Kozel'skii, Av. i kosm. no. 8:61 Ag '66.

AERONAUTICS, MILITARY—STUDY AND TEACHING

How to organize the execution of combat training plans. N. I. Antonov, Mor. sbor. 48 no. 6: 47-53 Je '66.

AERONAUTICS IN AGRICULTURE see subdivision under Czechoslovakia

AERONAUTICS IN GEOLOGY

Calculation of the optimum flight altitude in prospecting for stocklike ore bodies by the aeromagnetic method. D. I. Savrasov, Razved. i okh. nedr. 32 no. 4:45-48 Ap '66.

AERONAUTICS IN METEOROLOGY

Measurements of atmospheric electroconductivity from an airplane. I. U. V. Kravtsov, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 6:636-646 Je '66.

AEROSOLS

Tank for an aerosol generator. E. Bonch, A. Vira, Tekh. v sel'khoz. 26 no. 6:18 Je '66.

AEROSOLS—OPTICAL PROPERTIES

Method for accelerated computation of the effective parameters of the particle size spectrum of aerosols. I. B. Kolmakov, Trudy GGO no. 183:101-104 '66.

Results of experimental verification of the transparency method. V. G. Bakhtiarov, Trudy GGO no. 183:94-97 '66.

AEROSOLS—TOXICOLOGY

Determination of the physical parameters of virus aerosols. Report No. 2: Study of the state of the aerosol cloud in the IVK-2 chamber and the significance of the observed changes for the dosimetry of aerosol infection. A. I. Gromyko, A. I. Danilov, G. I. A. Vlasenko, Zhur. mikrobiol., epid. i immun. 43 no. 7:94-97 Ji '66.

AESTHETICS

Antonenko, V. H. [Ideology and artistic skills] Svitohlad i khudozhnia tvorchist'. Kyiv, Politytyad Ukrainy, 1936. 80 p.

Boi'shakov, I. G. [Industrial aesthetics and social environment] Tekhnicheskaya estetika i obshchestvennaya sreda. Moskva, Ob-vo "Znanie" RSFSR, 1966. 28 p. (Tekhnicheskaya estetika)

Old and new in theatrical art; a dialog on aesthetical subjects. A. L. Shtein, Vop. filos. 20 no. 7:132-142 '66.

AFFORESTATION see subdivision under Krasnoyarsk Territory

AFGHANISTAN—BUDGET

Gurevich, N. M. [Economic development of Afghanistan; financial problems] Ekonomicheskoe razvitiye Afganistana; finansovye voprosy. Moskva, Nauka, 1965. 278 p.

AFGHANISTAN—ECONOMIC CONDITIONS

Gurevich, N. M. [Economic development of Afghanistan; financial problems] Ekonomicheskoe razvitiye Afganistana; finansovye voprosy. Moskva, Nauka, 1965. 278 p.

AFGHANISTAN—TECHNICAL ASSISTANCE, RUSSIAN

Soviet-Afghan cooperation. A. Uesatov, Nov. vrem. 24 no. 35:12-13 Ag '66.

AFRICA—BANKS AND BANKING

National banks of African countries. I. Trishina, Den. i kred. 24 no. 7:87-91 Ji '66.

AFRICA—BIBLIOGRAPHY

An evaluation of the bibliographies of Asia and Africa. Kh. S. Nadel', Nar. Az. i Afr. no. 4:237-240 '66.

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i Afr. no. 6 '66.

AFRICA—ECONOMIC DEVELOPMENT

Rates of economic development in African countries. L. Aleksandrovskaya, Mir, ekon. i mezhdunar. otn. no. 7:14-26 '66.

AFRICA—HISTORY—STUDY AND TEACHING

Some current problems in teaching the history of Asia and Africa. M. N. Pak, Nar. Az. i Afr. no. 4:130-138 '66.

AFRICA—KINGS AND RULERS

Dismal survival. B. Sharevskaya, Az. i Afr. seg. 10 no. 8:54-56 Ag '66.

AFRICA—MAPS

Novoe vremia. [Atlas of "Novoe vremia"; 32 maps of European and African countries] Atlas Novogo vremeni; 32 karty stran Evropy i Afriki. [n.p. 1964] 32 p.

AFRICA—NATIONALISM

The South-African Republic: the problems of African nationalism. V. P. Gorodnov, Nar. Az. i Afr. no. 4: 27-37 '66.

AFRICA—POLITICS

Interview with laureate. K. Gelfandov, Az. i Afr. seg. 10 no. 8:24 Ag '66.

AFRICA, SOUTHWEST—INTERNATIONAL STATUS

International court at crossroads. F. Kozhevnikov, Nov. vrem. 24 no. 36:3-5 S '66.

AGARAK (ARMENIA)—COPPER MINES AND MINING

Increasing the output of copper and molybdenum concentrates by means of an efficient use of the raw material base of the Agarak combined works. G. Grigorian, Prom. Arm. 9 no. 5: 22-23 My '66.

AGARAK (ARMENIA)—MOLYBDENUM

Increasing the output of copper and molybdenum concentrates by means of an efficient use of the raw material base of the Agarak combined works. G. Grigorian, Prom. Arm. 9 no. 5: 22-23 My '66.

AGAROID

Physicochemical characteristics of agaroid. L. O. Andrioleva, Farmatsev. zhur. 21 no. 3:53-57 '66.

AGE

Age changes of some structural characteristics of skull and baculum in carnivorous mammals and methods of determining age as exemplified by polar foxes (Alopex lagopus L.). V. A. Dolgov, O. L. Rosolimo, Zool. zhur. 45 no. 7:1074-1080 '66.

Nonconformity of puberty and age in males. B. M. Semenov, Sud.-med. eksp. 9 no. 3:31-34 Ji-S '66.

AGGRAVATING CIRCUMSTANCES

Inclusion of facts characteristic of the person of the offender in the structural definition of a crime. N. S. Leikina, Izv. vyz. ucheb. zav.; prav. 10 no. 1:76-83 '66.

AGGREGATES

Approximate study of piecewise smooth point transformations. Z. S. Batlova, Izv. vyz. ucheb. zav.; radiofiz. 9 no. 4:794-798 '66.

Effectively inseparable sets. I. A. Kreinin, Dokl. AN SSSR 168 no. 5:903-906 Je '66.

Maximum k-decomposable sets of permutations of the n-th power. S. S. Kisilitsyn, Sib. mat. zhur. 7 no. 4: 826-831 Ji-Ag '66.

Partial idempotent operations associated with ordered sets. V. V. Rozen, Izv. vyz. ucheb. zav.; mat. no. 4: 96-103 '66.

Slupecki, Jerzy, and L. Borkowski. [Elements of mathematical logic and theory of sets, Translated from the Polish] Elementy matematycznej logiki i teorii mnogości. Spisred. I. N. Kovalenko. Moskva, Progress, 1965. 367 p.

AGGREGATES (BUILDING MATERIALS)

Isidorov, V. V., ed. [Handbook on production of synthetic porous aggregates] Spravochnik po proizvodstvu iskusstvennykh poristyykh zapornitelei. Moskva, Stroiizdat, 1966. 324 p. (Seriya spravochnikov po stroitel'nym materialam i izdaniyam)

AGING

Karyotype mutations and aging. I. U. S. Bosharov, G. A. Vilkins, Genetika no. 4:43-50 Ap '66.

AGRICULTURAL ADMINISTRATION see subdivision under Bukovina; Poltava Province

AGRICULTURAL CHEMISTRY

Present state and future development of the research in the field of chemicalization of agriculture. V. G. Kocherezhkin, Izv. AN SSSR, Ser. biol. 31 no. 4: 607-610 Ji-Ag '66.

AGRICULTURAL CHEMISTRY—CONGRESSES

All-Union conference on the economic problems of the development of the chemical industry and chemicalization of the national economy in the U.S.S.R. Khim. v sel'khoz. 4 no. 6: 77-78 Je '66.

AGRICULTURAL CHEMISTRY—STUDY AND TEACHING see subdivision under Stavropol Territory

AGRICULTURAL COLLEGES see subdivision under Moscow

AGRICULTURAL CONTRACTS see Contracts, Agricultural

AGRICULTURAL CREDIT

Advancing direct bank credit to collective farms. A. Rogulin, Den. i kred. 24 no. 7:30-34 Ji '66.

Credit and business accounting in agriculture. V. Semenov, Den. i kred. 24 no. 7:21-29 Ji '66.

AGRICULTURAL EDUCATION see subdivision under Siberia

AGRICULTURAL EXHIBITIONS

Non-Chernozem zone 66. S. I. Sanina, Zemledelie 26 no. 5: My '66.

AGRICULTURAL IMPLEMENTS see subdivision under India

AGRICULTURAL MACHINERY

(see also subdivision under Saratov Province)

Current problems of the engineering service. Tekh. v sel'khoz. 26 no. 6:1-4 Je '66.

[Problems in agricultural mechanics] Vop. sel'khoz. mekh. 14 '64, 277 p.

AGRICULTURAL MACHINERY—ABSTRACTS

[Tractors and agricultural machinery and equipment] Ref. zhur.: Trakt. i sel'khoz. mash. i orud. no. 6 Je '66.

AGRICULTURAL MACHINERY—CONGRESSES

Saratov. Institut mekhanizatsii sel'skogo khozaistva. [Summaries of reports at March 1966 scientific conference] Tezisy dokladov na nauchnoi konferentsii, mart, 1963. Saratov, 1963. 137 p. (ICRL)

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

(see also subdivision under Kuban)

Justified norms for repair enterprises. V. Matveev, T. Pashina, Tekh. v sel'khoz. 26 no. 6:90-93 Je '66.

Raise the standards of technical maintenance to the level of new tasks. B. Larin, Tekh. v sel'khoz. 26 no. 6: 56-60 Je '66.

Stand for a specialized repair shop. V. Grechkesel, Tekh. v sel'khoz. 26 no. 6:79-82 Je '66.

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL PESTS—EXTERMINATION

The topic is the treatment of crops. A. Mil'skii, Voen. znan. 42 no. 7:22-23 Ji '66.

AGRICULTURAL POLICY

(see also subdivision under Estonia)

Kommunisticheskaya partiya Sovetskogo Soyuza. Tsentral'nyi komitet. Plenum. [Materials of the May 1966 Plenum of the Central Committee of the CPSU] Materialy maitskogo (1966 goda) Plenuma TsK KPSS. Moskva, Politizdat, 1966. 62 p.

A new stage in the development of socialist agriculture. V. V. Matevich, Vop. ist. KPSS 10 no. 8:3-15 Ag '66.

Objectives of the entire party and the whole nation. N. Anisimov, Komm. Vooruzh. Sil 47 no. 13:16-24 Ji '66.

Toward a steady rise in agricultural production. V. V. Matevich, Zemledelie 26 no. 5:2-6 My '66.

AGRICULTURAL PRICES

Business accounting on state farms and prices. L. Grushetskii. Plan. khoz. 43 no. 8:9-16 Ag '66.

AGRICULTURAL RESEARCH see subdivision under Aktyubinsk Province

AGRICULTURAL WORKERS

Nastasia from Sol'yino. O. Gladkovskii. Sov. prof. soz. 22 no. 14:26-27 JI '66.

AGRICULTURE

(see also subdivision under Czechoslovakia; Germany, East; India; Kazakhstan; Kurgan Province; Prut Valley; Rostov Province; Ukraine; White Russia)

The Eighth Session of the Interrepublic Symposium on the Agrarian History of Eastern Europe. I. V. Ledovskaya. Ist. SSSR 10 no. 3:221-225 My-Je '66.

Extensive development of land improvement. Zemledelie 28 no. 7:2-4 JI '66.

Pannikov, V. D. [23d Congress of the CPSU and prospects for the development of agriculture] XXIII s'ezd KPSS i perspektivy razvitiia sel'skogo khoziaistva. Moskva, Znaniye, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. V Seria: Sel'skoe khoziaistvo, no. 12)

Put all resources of the land in the service of the people! Sov. profsoyuz 22 no. 14:1 JI '66.

Sharapov, G. V. [Criticism of the agrarian problem by anticommunism] Kritika antikomunizma po agrarnomu voprosu. Moskva, Mysl', 1966. 396 p.

Voropaev, V. I. [Quality of farm produce] O kachestve sel'skokhoziaistvennoi produktii. Moskva, Znaniye, 1966. 103 p. (Narodnyi universitet: Sel'skokhoziaistvennyi fakul'tet, no. 7)

AGRICULTURE—ABSTRACTS

[Agriculture; classified index of articles in foreign periodicals] Sel', khoz., i sist. ukaz. st. v inostr. zhur. no. 4 '66.

AGRICULTURE—ACCOUNTING

On the road to complete business accounting. K. D. Nikiforov, L. A. Podstava. Zemledelie 28 no. 5:7-10 My '66.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—ECONOMIC ASPECTS

(see also subdivision under India; Italy; United States)

Comparing results of farming. I. Raschikhov. Part. zhizn' no. 17:30-33 S '66.

Growing experience of rural economists. L. Ermin. Part. zhizn' no. 16:23-28 Ag '66.

Methodological problems in the establishment of the production types of agricultural enterprises. V. I. Minch. Vestn AN BSSR, Ser. ekon. i sots. nauch. 2:5-10 '66.

Milushkin, T. S. [An analysis of economic operations of socialist agricultural enterprises] Analiz khoziaistvennoi deiatel'nosti sotsialisticheskikh sel'skokhoziaistvennykh predpriatii. Moskva, Kolos, 1966. 398 p.

Milushkin, T. S. [Profitability in farming and business accounting on collective farms] Rentabel'nost' sel'skokhoziaistvennogo proizvodstva i khozraschet v kol'khokh. Moskva, Statistika, 1966. 85 p. (Biblioteka bukhgalterskikh kol'khov)

Vishniakov, S. A., and R. A. Kudriashov. [Preparation and implementation of the rural budget; a practical guide for workers of rural soviets and financial organs] Sostavleniye i ispolneniye sel'skogo budzheta; prakticheskoe posobie dlia rabotnikov sel'skikh Sovetov i finansov. Moskva, 1966. 125 p.

between city and village [alism] Ekonomicheskie razvitiia v period stroitel'stva. Den. i kred.

agriculture. V. Se-

1-29 JI '66.
entabel'nosti. Moskva, i universitet: Sel'skoe

ANUALS, ETC.

Rokasgramata laukparstradatsia izde-10 p. [in Latvian]

YES

Okhrana truda v sel'sko- [Moskva] Profizdat, kogo profsoyuznogo

AGRICULTURE, COOPERATIVE

(see also subdivision under Czechoslovakia; Hungary)

Emol'tanov, A. M. [Differential rent in socialist agriculture] Differentsial'naya renta v sotsialisticheskoi sel'skom khoziaistve. Moskva, Ekonomika, 1965. 98 p. (Aktual'nye problemy ekonomiki sel'skogo khoziaistva dlia zadaniy v vysshem zvene politicheskogo obrazovaniia, no. 4)

AGRICULTURISTS

Agronomists, heroes of socialist labor. Zemledelie 28 no. 7:9-11 JI '66.

Based on law. S. Parfianov. Zemledelie 28 no. 7:76 JI '66.

Broadening rights of agronomist. S. B. Saifullin. Zemledelie 28 no. 7:76 JI '66.

Efficient organization of work of agronomists. Kh. O. Repp. Zemledelie 28 no. 7:66-75 JI '66.

Our proposals. G. S. Grechanenko, M. I. Dunduk. Zemledelie 28 no. 7:76-77 JI '66.

AIR—POLLUTION

Rylova, M. L. [Methods of experimental investigation of the long-term action of harmful factors in the environment] Metody issledovaniia khronicheskogo deistviia vrednykh faktorov sredi v ekperimente. [Leningrad] Meditsina, 1964. 227 p. (DNLM)

AIR—PURIFICATION

Kiselev, N. D. [Using the method of artificial ionization in purifying air from highly dispersed dust] Ochliska vozdukh od vysokodispersnoi pyli metodom iskusstvennoi ionizatsii. Moskva, Mashinostroenie, 1966. 69 p.

AIR CONDITIONING

Air conditioner is working. V. Korolev. NTO 8 no. 6:17-9 Je '66.

AIR DEFENSES

Improving the military preparedness of air defense units. A. Podolskii. Komm. Vooruzh. Sil 47 no. 13:25-31 JI '66.

AIR DUCTS—CORROSION

Iudeev, A. V. [Manufacture and assembly of industrial vinylplastic ventilation systems; corrosion protection of air ducts] Izgotovlenie i montazh sistem promyshlennoi ventilatsii iz vinilplasty; antikorroziionnaia zashchita vozdukhovodov. Moskva, Stroizdat, 1966. 100 p. (Seria prakticheskikh posobii po povysheniiu masters'tva v promyshlennom stroitel'stve)

AIR FORCES see subdivision 'Air force' under Russia

AIR PILOTS—CORRESPONDENCE, REMINISCENCES, ETC.

Mikhailov, P. [10,000 hours in the air; recollections of a flyer] 10000 chasov v vozdukh; iz vospominanii letchika. Moskva, Detskaya literatura, 1964. 280 p. (NN)

AIR PREHEATERS

Utilization of the heat of the exhaust gases of the air preheaters of blast furnaces. E. I. Galimovskii, A. D. Gumenchuk, A. A. Matveev. Energ. i tekhn. no. 3:23-24 My-Je '66.

AIR TRAFFIC RULES, INTERNATIONAL

Vereshchagin, A. N. [International law of the air; problems of international legal regulation of air traffic] Mezhdunarodnoe vozdukhnoe pravo; problemy mezhdunarodno-pravovogo regulirovaniia vozdukhnykh soobshchenii. Moskva, IMO, 1966. 105 p.

AIR WARFARE

Algorithm of interception. K. Telegin. Av. i kosm. no. 8:15-17 Ag '66.

At far polygon. N. Kirilushkin. Av. i kosm. no. 8:64-65 Ag '66.

AIR WARFARE—STUDY AND TEACHING

Main criterion is quality. I. Polygo. Av. i kosm. no. 8:40-55 Ag '66.

AIRCRAFT—DESIGN AND CONSTRUCTION

Zarubin, V. S. [Temperature fields in the structure of aircraft; methods of calculation] Temperaturnye polya v konstruktsii letatel'nykh apparatov; metody rascheta. Moskva, Mashinostroenie, 1966. 215 p.

AIRCRAFT—ENGINES

Parameters and weight characteristics of vernier engines. P. V. Semenovskii. Izv. vyz. ucheb. zav. i tekhn. 9 no. 2:74-82 '66.

AIRFOILS

Hypersonic airfoil having a given bending strength and minimal resistance. E. V. Bul'ygina, I. N. Iudin. Izv. vyz. ucheb. zav. i tekhn. 9 no. 2:110-125 '66.

AIRLINES

Air routes in the new five-year plan. E. Loginov. Av. i kosm. no. 8:11-14 Ag '66.

AIRPLANES—ENGINES

[Aircraft and rocket engines] Ref. zhur. : Av. i raket. diz. no. 1 JI '66.

Methods of the development of technological processes for the assembly of airplane engines. V. I. Zindov. Tekhn. Uchen. i inzh. no. 2:155-162 '66.

AIRPLANES—SHOCK ABSORBERS

Kharanov, Kh. S. [Calculating shock absorption of airplane; manual for course "Structural mechanics and strength analysis of airplane"] Raschet amortizatsii shokov samoleta; uchebnoe posobie po kursu "Stroitel'naya mekhanika i raschet samoleta na prochnost'. Kulbyshev, Kulbyshevskii aviatsionnyi in-t, 1964. 52 p. [MICROFILM]

AIRPLANES—TESTING

Optimal utilization of test planes in determining the life of airplanes. I. M. Paramonov. Izv. vyz. ucheb. zav. i tekhn. 9 no. 2:113-116 '66.

AIRPLANES—WINGS

Nonlinear theory of wings of small aspect ratio. S. B. Ermolenko. Izv. vyz. ucheb. zav. i tekhn. 9 no. 2:3-18 '66.

AIRPLANES, MILITARY—FUEL

Authorize fueling. A. Gukin. Av. i kosm. no. 8:51 Ag '66.

AIRPLANES, MILITARY—PILOTING

At high incidence. E. Petrov. Av. i kosm. no. 8:62-65 Ag '66.

AKADEMGORODOK—RESEARCH

Evladov, B. V., and S. I. Mokshin. [The Golden Valley. Akademgorodok; reporting from the Novosibirsk science center] Zolotina dolina, Akademgorodok; report iz Novosibirskogo nauchnogo tsentra. Moskva, Politizdat, 1966. 133 p. (Stranitsy istorii Sovetskoi Rodiny)

AKHALKALAKI REGION (GEORGIA)—ANTELOPES, FOSSIL

Antelope with corkscrawlike horns (Stenomera sp.) from the Lower Pleistocene sediments of the Akhalkalaki region. I. I. Sokolov, A. K. Vokun. Soob. AN Gruz. SSR 43 no. 1:147-150 JI '66.

AKHTYRSKAYA (KRASNODAR TERRITORY)—HEALTH RESORTS, WATERING PLACES, ETC.

Treatment of trophic ulcers of the leg with iodine bromide water from Akhtyrskaya spring. P. M. Zorin. Sov. med. 20 no. 5:128-131 My '66.

AKTYUBINSK PROVINCE—AGRICULTURAL RESEARCH

Experiment and introduction. V. T. Tatarsov. NTO 8 no. 8:21 Je '66.

AKTYUBINSK PROVINCE—CORN (MAIZE)

Root system of corn in residual Solonetz-type soils. I. O. Naitula. Vest. sel'khoz. nauk [Kazakh.] 9 no. 7:14-17 JI '66.

AKTYUBINSK PROVINCE—MILLET—FERTILIZERS AND MANURES

Effect of fertilizers on the yield of millet in Aktyubinsk Province. K. I. Tulchakov. Vest. sel'khoz. nauk [Kazakh.] 9 no. 7:17-21 JI '66.

AKTYUBINSK PROVINCE—STRIP CROPPING

Strip cropping as a measure for controlling winter erosion of light soils in Aktyubinsk Province. Sh. M. Chulturov, V. I. Mikhaylovskii. Vest. sel'khoz. nauk [Kazakh.] 9 no. 7:3-10 JI '66.

ALA-BEL' PASS—ROAD CONSTRUCTION WORKERS

On the distant peaks. D. Arkad'ev. Sov. profsoyuz 22 no. 14:35-36 JI '66.

ALASKITE see subdivision under Transbaikalia

ALATAU, DZUNGARIAN see Dzungarian Alatau

ALATAU, ZAILIYSKIY see Trans-Jii Alatau

ALBINTES see subdivision under Mongolia

ALCOHOL—PHYSIOLOGICAL EFFECT

Alcohol intoxication as a case of dissociation between electrophysiological and behavioral criteria. A. M. Ivanitskii, Z. G. Turova. Zhur. vyz. nerv. deiat. 14 no. 4:708-717 JI-Ag '66.

ALCOHOLISM

Forensic psychiatric expertise on sex offenses in alcoholism. E. E. Altiner. Pruk. sudobnopsikh. eksperti. no. 11:87-76 '66.

ALCOHOLS

Chemistry of polyhydric alcohols. Report No. 5: Synthesis and some transformations of 2,3-dialkyl-4-vinyl-hydroxymethyl-1,3-dioxolanes. M. F. Shostakovskii and others. Izv. AN BSSR, Ser. khim. no. 7:1232-1233 '66.

ALCOHOLS (Continued)

- Free radical reaction of primary alcohols with formaldehyde. G. I. Nikishin, D. Lefort, V. D. Vorob'ev. *Izv. AN SSSR, Ser. khim.* no. 7:1271-1272 '66.
- Synthesis and transformations of unsaturated organo-germanium compounds. Part 36: Synthesis and transformations of some branched monohydric tertiary organo-germanium alcohols of the ethylene series. I. A. Shikhiev, I. A. Andanov, N. T. Mukh-mandarova. *Zhur. ob. khim.* 36 no. 7:1295-1297 JI '66.

AIDAN PLATEAU—GEOLOGY

Akademika nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. [Geology and petrology of the Pre-Cambrian of the Aidan Shield] *Geologiya i petrologiya dokembriia Aidanskogo shchita.* Moskva, Nauka, 1966. 317 p.

AIDAN PLATEAU—GEOLOGY, STRUCTURAL

Zones of increased tectonic activity in the western part of the Aidan Shield and the relation of crystalliferous veins to them. V. A. Mukhin. *Trudy VNIIP [MS]* 7:77-86 '62.

AIDAN PLATEAU—GOLD ORES

Find of gold in the Middle Riphean basalt layers of the Ormansk upland. N. N. Gavril'ev. *Geol. i geofiz.* no. 4: 139-140 '65.

AIDAN PLATEAU—GRANITE

Time of the formation of crystalliferous veins in the Aidan and their relationship to alaskite granites. G. T. Kravchenko. *Trudy VNIIP [MS]* 4 no. 2:17-27 '60.

AIDAN PLATEAU—PETROLOGY

Akademika nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. [Geology and petrology of the Pre-Cambrian of the Aidan Shield] *Geologiya i petrologiya dokembriia Aidanskogo shchita.* Moskva, Nauka, 1966. 317 p.

AIDAN PLATEAU—QUARTZ

Structural conditions governing the distribution of the crystalliferous quartz veins in the southern part of the Aidan Shield. V. I. Berger. *Trudy VNIIP [MS]* 7:81-78 '62.

Time of the formation of crystalliferous veins in the Aidan and their relationship to alaskite granites. G. T. Kravchenko. *Trudy VNIIP [MS]* 4 no. 2:17-27 '60.

Zones of increased tectonic activity in the western part of the Aidan Shield and the relation of crystalliferous veins to them. V. A. Mukhin. *Trudy VNIIP [MS]* 7:77-86 '62.

ALDER

Early and late opening forms of black alder. V. I. Rub-tsov. *Izv. vys. ucheb. zav.; iea. zhur.* 9 no. 3:26-28 '66.

ALDOLASE

Significance of the determination of urine aldolase activity in Botkin's disease. E. L. Nazaretian, I. U. Kas-yanov, M. N. Pod'angel'. *Lab. delo.* no. 5:285-289 '66.

ALEKSANDROV, ANATOLII NIKOLAEVICH, 1888-

Orgenberg, A. [A. N. Aleksandrov; a thematic guide] A. N. Aleksandrov; notograficheski spravochnik. Mo-skva, Muzyka, 1965. 170 p.
(NIC)

ALEKSANDROV, MIKHAIL STEPANOVICH, 1863-1933

Pogudin, V. I. M. S. Ol'minskii. [Leningrad] Lenzdat, 1965. 32 p. (Uzinki Petropavlovskoi kreposti)
(NJP)

ALESHIN, PAVEL FEDOTOVICH, 1881-1961

Iadlyevsk, V. E. [P. F. Aleshin, a Kiev architect] Kyiv's'ki zochyly P. F. Aleshyn. Kyiv, Budivelnik, 1966. 65 p. (Vydatni zochyly Ukrainy)

ALEXANDER I, Emperor of Russia, 1777-1825

Legend and documentary materials on death of Alexander I. I. N. Kuntikov, V. I. Denis'ev. *Sov. arkh.* no. 3: 197-198 '66.

ALFALFA—IRRIGATION see subdivision under Volga Valley

ALGAE

(see also subdivision under Murmansk Coast)
[Flora of sporeforming plants of U.S.S.R.] *Flora sporovykh rastenii SSSR.* Moskva, Nauka, Vol. 7. Glozer, Z. L. [Silicoflagellatophyceae] *Kromovye zhgulkovye vodorosli (Silicoflagellaty).* 1966. 330 p.

Uranium and plutonium accumulation by marine algae. V. S. Zlobin. *Radiobiologiya* 6 no. 4:613-617 '60.

ALGAE—CULTURES AND CULTURE MEDIA

Physiological significance of hydrogen peroxide in an aerobic organism. A. A. Gurevich, I. N. Trubachev. *Dokl. AN SSSR* 196 no. 2:476-478 JI '64

ALGAE, FOSSIL see subdivision under Anabar Shield; Balkal Lake region; Timan Range

ALGEBRA, UNIVERSAL

Representation of universal algebras in commutative semigroups. I. U. K. Rebanc. *Sib. mat. zhur.* 7 no. 4: 678-685 JI-Ag '66.

ALGEBRAIC FIELDS see Fields, Algebraic

ALGERIA—PRESS

At the sources of the Algerian national press. A. M. Traakunova. *Vest. Mosk. un. Ser. II: Zhur.* 21 no. 1:56-64 Ja-F '66.

ALGORITHMS

Ageev, M. I., V. P. Ali, and R. M. Galla. [Algorithms] *Algoritmy.* Moskva, Vychislitel'nyi tsentr AN SSSR, 1966. 105 p. [Akademika nauk SSSR. Vychislitel'nyi tsentr. Otschiele voprosy programmirovaniia, no. 2]

Egorov, K. V. [Optimal and self-tuning automatic systems] *Optimal'nye i samonastroyivashchiesia sistemy avtomatiki.* Cheboksary, Chuvashskii gosizdat, 1965. 39 p.

Normal algorithms and the Turing machines. G. V. Babikov. *Mat. zap. Ural. nat. ob-va UrGU* 5 no. 1:10-14 '65.

ALIAB'EV, ALEKSANDR ALEKSANDROVICH, 1787-1851

Aliab'ev and Bashkir folk music. L. Atanova. *Sov. muz.* 30 no. 5:101-111 My '66.

ALIENS

General provisions governing the civil law capacity of aliens in the U. S. S. R. T. N. Kirillova. *Izv. vys. ucheb. zav.; prav.* 10 no. 1:103-110 '66.

ALIMENTARY CANAL—HEMORRHOGE see Gastro-intestinal hemorrhage

ALIMENTARY CANAL—INNERVATION see Digestive organs—innervation

ALIMENTARY CANAL—SURGERY

Cancer of the stomach following gastroenteroanastomosis for peptic ulcer. M. I. Talnev. *Sov. med.* 29 no. 5: 100-103 My '66.

Evaluation of reconstructive gastrojejunoduodenoplasty with stenosis of loop of jejunum. S. P. Markin, E. S. Sivash. *Khirurgiya* 42 no. 6:19-25 Je '66.

ALIMENTARY CANAL—TUMORS

Morphology of adenomyomas of the gastrointestinal tract with ulcers and cancer developing from them. G. A. Berlev. *Arkh. pat.* 28 no. 5:40-45 '66.

ALIZADE, ALI ASHRAF—BIBLIOGRAPHY see Bibliography—Alizade, Ali Ashraf

ALKALI HALIDE CRYSTALS, EFFECT OF RADIATION ON

Changes, due to radiation, in the density of dislocations in alkali halide crystals irradiated in a reactor at usual and low temperatures. E. L. Andronikashvili and others. *Elektron. i ion. prots. v ver. tel.* no. 2:3-13 '65.

Formation of color centers in alkali halide crystals irradiated in a reactor at usual and low temperatures. E. L. Andronikashvili, N. G. Politov, M. G. Abramishvili. *Elektron. i ion. prots. v ver. tel.* no. 2:14-18 '65.

ALKALI LANDS see Saline and alkali soils

ALKALI METAL ALUMINATES

Complex formation between sodium cryolite and hexa-fluoroaluminates of potassium, rubidium, and cesium. G. A. Bukhalova, V. T. Mal'nev. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:721-725 Ap '66.

ALKALI METAL ISOTOPES

Electric migration of ^{22}Na , ^{42}K , ^{86}Rb , and ^{134}Cs in fused potassium, sodium, and lithium nitrates. V. P. Shvedov, I. A. Ivanov. *Radiofizika* 8 no. 3: 373-375 '66.

ALKALI METAL TUNGSTATES

Phase diagram of the system $\text{Nd}_2(\text{WO}_4)_3 - \text{Na}_2\text{WO}_4$. E. I. A. Rode, V. N. Karpov. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:668-692 Ap '66.

ALKALI METALS

Diffusion - chemical and phase transition resistance in the condensation and evaporation of alkali metals. V. I. Subbotin, M. N. Ivanovskii, I. U. V. Milovanov. *Atom. energ.* 21 no. 1:17-22 JI '66.

Effect of anions on the sorption of alkali elements by nickel ferrocyanide. S. A. Kolesova, V. V. Vol'khin. *Izv. AN SSSR. Neorg. mat.* 2 no. 6:1110-1114 Je '66.

ALKALOIDS

Biochemistry of Ephedra. L. K. Klyshev, L. S. Aliukina. *Trudy Inst. bot. AN Kazakh. SSR* 22:33-72 '66.

Chromatographic study of alkaloids in *Onetista tinctoria* L. and *Spartium junceum* L. A. D. Daukha, E. K. Denisova. *Mashch. dokl. vys. shkoly; biol. nauki* 9 no. 3: 178-179 '66.

Cultivation of the opium poppy and its alkaloid content under conditions of irrigation in southeastern Kazakhstan. I. A. Korunkov. *Trudy Inst. bot. AN Kazakh. SSR* 22:153-170 '66.

Quantitative determination of pilocarpus alkaloids in vegetal raw material and intermediate products of pilocarpine production. O. S. Vysoz'ska, S. Kh. Mu-shyn'ska, I. U. V. Shostenko. *Farmats. zhur.* 20(1. c. 2) no. 4:61-63 '65.

ALKENES see Olefins

ALKYLATION

Alkylation of β -diketones of the perhydropindan series and their enolones. L. N. Ivanova and others. *Izv. AN SSSR. Ser. khim.* no. 7:1214-1218 '66.

Alkylation of phenol by olefins. V. M. Kostuchenko, V. V. Bohylev. *Neftep. i neftekhim.* no. 7:29-32 '66.

Alkylation of toluene by nonylenes. S. D. Mokhtlov, M. M. Lushin, V. L. Khodzhaeva. *Izv. vys. ucheb. zav. nefti* (gaz) 9 no. 3:59-61 '66.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLERGY

Allergy to Daphnia. N. V. Adrianova. *Sov. med.* 29 no. 5:138-140 My '66.

Blinkin, S. A. [Intrusion into the secrets of the micro-cosm] *Vozrozhdenie v talny mikromira.* Moskva, Znanie, 1966. 63 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya; Biologiya i medicina, no. 11)

Diagnosis of infectious allergic polyarthritis. I. I. Zabolotnykh and others. *Sov. med.* 29 no. 7:77-80 JI '64

Nature of allergic reactions of the skin. A. T. Kravchenko. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:79-84 JI '66.

Some problems of drug allergy. V. I. Arutunov. *Sov. med.* 29 no. 5:3-6 My '66.

ALLEVARDITE see subdivision under Daghestan

ALLIANCE FOR PROGRESS

Anniversary of bankrupt plan. I. U. Eliutina. *Nov. vrem.* 24 no. 36:7-8 S '66.

ALLOYS

Effect of alloying and illumination on the microhardness of semiconductor single crystals. I. U. Kh. Vekilov and others. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:636-642 Ap '66.

Effect of alloying on monocrystalline silicon creep. M. G. Mit'vidskii, V. B. Ovenskii, O. G. Stollarov. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:583-588 Ap '66.

Method of curvilinear base layers for the preparation of complete alloy systems of variable composition by the S. A. Vekshinskii method. L. S. Palatnik, O. M. Ignat'ev, L. K. Ignat'eva. *Fiz. met. i metalloved.* 21 no. 5: 700-703 My '66.

ALLOYS—FRACTURE

Krishtal, M. A., and I. L. Mirkin. [Creep and failure of alloys] *Polzuchest' i razrushenie sployov.* Moskva, Metallurgiya, 1966. 199 p.

ALLOYS—METALLOGRAPHY

Coalescence theory of finely dispersed phases in metal alloys. V. I. Pavlov. *Fiz. met. i metalloved.* 21 no. 5: 750-755 My '66.

ALLOYS—METALLURGY

Esin, O. A., and P. V. Gel'd. [Physical chemistry of pyrometallurgical processes] *Fizicheskaya khimiia pyrometallurgicheskikh protsessov.* Izd. 2., 1. apr. dop. [Moskva] Metallurgiya.

Pt. 2. [Interaction with the participation of alloys] *Vzaimodelstvie s uchastiem rasplavov.* 1966. 702 p.

ALLUVIAL PLAINS

Fertilizers for perennial grasses in floodlands. I. U. G. Lushchenko. *Khim. v sel. khoz.* no. 7:6-9 JI '66.

ALMA-ATA—BOTANY, MEDICAL

Data on some plants with cardiac and sedative action from the Alma-Ata Botanical Garden. S. I. Tshetina, N. S. Dubinin, M. P. Iashchenko. *Trudy Inst. bot. AN Kazakh. SSR* 22:171-180 '66.

ALMA-ATA PROVINCE—POTATOES—VARIETIES

Development and lignification of radicle and tuber tissues in sugar beet varieties of Alma-Ata Province. A. A. Alimanzov, T. Muratov. *Izv. AN Kazakh. SSR. Ser. biol.* 4 no. 3:53-56 My-Je '66.

ALMA-ATA PROVINCE—REED (BOTANY)

Some biological characteristics of common reed in irrigated soils of Alma-Ata Province. Kh. R. Aryngaziev. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 7:104-107 JI '66.

- ALTAI MOUNTAINS—FROZEN GROUND**
Traces of ancient and recent periglacial processes in the southeastern part of the Altai Mountains. IU. P. Azarii. *Geol. i geofiz. no. 3:81-88 '66.*
- ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL**
Nekhoroshev, V. P. [Tectonics of the Altai] Tektonika Altai. Moskva, Nedra, 1966. 308 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 139)
- ALTAI MOUNTAINS—LANDFORMS**
Traces of ancient and recent periglacial processes in the southeastern part of the Altai Mountains. IU. P. Azarii. *Geol. i geofiz. no. 3:81-88 '66.*
- ALTAI MOUNTAINS—ORE DEPOSITS**
[Principles of the formation analysis of the endogenetic metallogeny of the Altai-Sayan region] Osnovy formirovaniya endogennoi metallogeni Altai-Saianskoi oblasti. [By] V. A. Kuznetsov i dr. Novosibirsk, Nauka, 1966. 154 p.
- ALTAI MOUNTAINS—PETROLOGY**
Bogalkov, O. A. [Petrology and metallogeny of gabbro-syenite complexes of Altai-Sayan area] Petrologiya i metallogeniya gabbro-syenitovykh kompleksov Altai-Saianskoi oblasti. Moskva, Nauka, 1966. 239 p.
- ALTAI MOUNTAINS—PROSPECTING—GEOPHYSICAL METHODS**
Using geophysical methods in prospecting for complex metal deposits in the Rudnyi Altai. P. S. Reviakin, IU. K. Anoshin, V. D. Bortsov. *Razved. i okh. nedr. 32 no. 3:31-38 '66.*
- ALTAI MOUNTAINS—TITANOMAGNETITE—ANALYSIS**
Characteristics of the composition and internal structure of the titanomagnetite of differentiated gabbroid intrusions in the Altai-Sayan region. V. A. Vakhruшев, A. P. Krivenko. *Dokl. AN SSSR 198 no. 2:430-433 J1 '66.*
- ALTERNATING CURRENT ELECTRIC MOTORS** see Electric motors, Alternating current
- ALTITUDE, INFLUENCE OF**
Characteristics of the course of neurogenic allergic myocardial infarct under the conditions of high-mountain climate. V. T. Antonenko, IU. S. Kozachuk. *Fiziol. zhur. [Ukr.] 12 no. 4:496-502 J1-Ag '66.*
Mechanism of the effect of the "swimming test" on the resistance of mice to the decrease of partial oxygen pressure in the surrounding medium. T. S. Sulakvelidze, L. G. Khegaturova. *Sbor. nauch. trud. SOGMI no. 11:90-92 '64.*
- ALUMINOSILICATES**
Thermal stability of 1-thiaindan and its conversions on aluminosilicate catalysts. F. G. Khalil' and others. *Neftekhimiya 6 no. 3:472-470 My-Je '66.*
- ALUMINUM**
Kurov, P. E. [Overall mechanization of the processing of aluminum shavings] Kompleksnaya mekhanizatsiya pererabotki aluminiyevykh struzhki. Leningrad, 1966. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Mekhanizatsiya i avtomatizatsiya transportnykh i skladskiykh rabot v promyshlennosti)
- ALUMINUM—HARDENING**
Metal shape changing under the simultaneous effect of heat cycles and external loading. IU. N. Golovanov and others. *Met. i metalloved. chisl. met. no. 5:111-123 '66.*
- ALUMINUM, STRUCTURAL—CORROSION**
Studying the effect of the structural shape of aluminum and steel sections on their corrosion resistance in sour oil media. N. M. Kaskevich. *Zashch. met. 2 no. 3: 367-370 My-Je '66.*
- ALUMINUM ALLOYS**
Intensity of iron saturation of aluminized alloys and methods for their refining. K. I. Vashchenko and others. *Tekhn. i org. proizv. no. 1:43-48 Ja-F '66.*
- ALUMINUM ALLOYS—METALLURGY**
Characteristics of refining secondary aluminum alloys. V. G. Korotkov. *Trudy Ural. politekh. inst. no. 145:93-101 '65.*
- ALUMINUM ALLOYS—WELDING**
Potap'evskii, A. G., V. F. Lapchinskii, and A. E. Valnerman. [Pulsation-arc welding of aluminum alloys] Impul'sno-dugovaya svarka aluminiyevykh splavov. Leningrad, 1966. 44 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Progressivnye formirovaniya)
- ALUMINUM ALLOYS, EFFECT OF RADIATION ON**
Change in the mechanical properties of an aging aluminum alloy following use in a nuclear reactor. A. P. Kuznetsova, B. V. Sharov. *Atom. energ. 21 no. 1:60-62 J1 '66.*
- ALUMINUM CRYSTALS—GROWTH**
Effect of ultrasonic waves on the degree of perfection of single crystals of aluminum grown out of a melt. I. G. Polotskii and others. *Fiz. met. i metalloved. 21 no. 5:727-731 My '66.*
- ALUMINUM FOUNDED**
Design and calculation of riggers for casting aluminum-silicon system alloys. R. Sh. Safarov, G. M. Dubitskii. *Trudy Ural. politekh. inst. no. 145:79-92 '65.*
Effect of ultrasonic waves on the structure and properties of the Al4 alloy. L. I. Levi, G. S. Kntzhnik, L. M. Maslan. *Liz. proizv. no. 5:37-39 My '66.*
Studying rates of metal level rising in metal molds for a aluminum alloy casting. G. M. Dubitskii, T. A. Luchina. *Trudy Ural. politekh. inst. no. 145:102-108 '65.*
- ALUMINUM HYDROXIDE**
Properties of silica gel formed in the interaction of hydrofluosilicic acid and aluminum hydroxide. L. D. Skrylev. *Koll. zhur. 28 no. 3:454-459 My-Je '66.*
- ALUMINUM LIQUID ALLOYS** see Liquid Aluminum alloys
- ALUMINUM LITHIUM HYDRIDE**
Reduction of some aryl- and alkyl- α -methoxypropylmalonate esters by lithium aluminum hydride. O. S. Stepanova, Zh. I. Bezudova. *Dop. AN URSSR no. 7:906-908 '66.*
- ALUMINUM OXIDE**
Effect of small additions of aluminum oxide on the chemical stability and structure of multialkaline potassium silicate glasses. L. S. Iastrebova, E. V. Vilkovskaya, A. A. Basesonov. *Izv. AN SSSR. Neorg. mat. 2 no. 4: 740-760 Ap '66.*
Inhomogeneity of aluminum oxide catalytic surface and the shape of active center distribution curve. V. E. Vassberg and others. *Dokl. AN SSSR 169 no. 3:610-613 J1 '66.*
- ALUMINUM PLANTS—DESIGN AND CONSTRUCTION** see subdivision under Krasnoyarsk
- ALUMINUM-STEEL ALLOYS** see Steel-aluminum alloys
- AMALGAMS**
Sodium amalgam cementation of microgram amounts of rare-earth radioactive isotopes in the carrier-free state from acetate solutions. A. F. Novgorodov, V. A. Khalkin, Van Chuan-p'ing [Wang Chuan-p'ing]. *Radiochimica 8 no. 3: 347-352 '66.*
- AMBER**
Conditions governing the formation of amber (succinite). S. S. Savkevich. *Dokl. AN SSSR 168 no. 5:1162-1165 Je '66.*
- AMERICAN INVESTMENTS** see Investments, American
- AMERICAN LITERATURE—HISTORY AND CRITICISM**
Zasurskii, I. A. N. [American literature of the 20th century; certain aspects of the literary process] Amerikanskaya literatura XX veka; nekotoryye aspekty literaturnogo protessa. [Moskva] Izd-vo Mosk. univ., 1966. 438 p.
- AMERICAN NEWSPAPERS**
Demise of the "New York Herald Tribune." VI. Zhukov. *Nov. vrem. 24 no. 35:20-21 Ag '66.*
- AMERICIUM**
Angular distribution of fragments of Am^{241} fission by neutrons. P. E. Vorotnikov and others. *Dokl. AN SSSR 169 no. 2:314-315 J1 '66.*
- AMIDES**
Interaction of acetone, carbamide, acetamide, and dimethylsulfoxide with some organic acids and phenols in the solid phase. V. F. Chesnokov, I. M. Bokhovkin. *Zhur. ob. khim. 36 no. 7:1179-1175 J1 '66.*
- AMIDES—PHYSIOLOGICAL EFFECT**
Antirhythmic activity of tetrabutylamide of ethylenediaminetetracetic acid. E. I. Gendenshteyn. *Biol. eksp. biol. i med. 62 no. 7:71-73 J1 '66.*
- AMIDES—SPECTRA**
Long range spin-spin interaction in dimethylamides of fluorinated acids. IU. A. Cheburkov and others. *Dokl. AN SSSR 169 no. 1:128-131 J1 '66.*
- AMINES**
Alkylation of β -diketones of the porphyroindan series and their enamines. L. N. Ivanova and others. *Izv. AN SSSR. Ser. khim. no. 7:1214-1218 '66.*
Chemistry of polyene and polyacetylene compounds. Report No. 18: Amines of the diacetylene series. B. P. Gusev and others. *Izv. AN SSSR. Ser. khim. no. 7:1209-1213 '66.*
Introduction of terminal aromatic amino groups into polyacrylamide by means of m -phenylenediamine and its hydrochloride. M. N. Bogdanov, A. U. Leschiner, L. A. Pitshevich. *Vysokom. soed. 8 no. 8:1423-1427 Ag '66.*
- MECHANISM OF INTERACTION OF TERTIARY AMINES WITH ACID CHLORIDES** S. D. Stavrova and others. *Dokl. AN SSSR 169 no. 3:630-632 J1 '66.*
- METHODOLOGY OF DETERMINING POLYETHYLENE POLYMERIZATION DRINKING WATER** N. I. Omel'yanets. *Lab. delo no. 4:483-484 '66.*
- MONOAMINES AS ANTIOXIDANTS** Regularities and mechanism of action. I. A. Shlapnikova and others. *Vysokom. soed. 8 no. 8:1405-1410 Ag '66.*
- REACTION OF DIRECT FLUOROALKYLATION** Part 1: Synthesis of trifluoromethyl- and chlorodifluoromethyl-substituted compounds. A. P. Sergeev, E. N. Fugel'zang, V. I. Akubovich. *Khim. 36 no. 7:1317-1325 J1 '66.*
- SYNTHESIS AND STUDY OF POLYAMIDES AND POLYESTERS** based on dianhydride of 2,3,5,6-diphenyltetraacarboxylic acid and aromatic diamines. G. S. Kolesnikov and others. *Vysokom. soed. 8 no. 8:1440-1444 Ag '66.*
- SYNTHESIS OF SOME DI- AND TETRACETYLENE AMINES** S. I. Shvartsberg, V. N. Andrievskii, I. L. Kollariyevskii. *Izv. AN SSSR. Ser. khim. no. 7:1372-1375 '66.*
- AMINO ACID METABOLISM**
Amino acid composition of soluble proteins in healthy and tumor of the stomach and their fractionation. M. G. Zaitseva. *Biol. zhur. Arm. 19 no. 6:23-26 Je '66.*
Characteristics of protein fractions and amino acid composition of the blood serum in tumors of different growing time. T. S. Mashev. *Izv. AN Karabag. Ser. biol. 4 no. 3:98-100 My-Je '66.*
Chromatoelectrophoretic determination of free amino acids in human serum. V. D. Totmulluk, S. D. Itach. *Fiziol. zhur. [Ukr.] 12 no. 4:560-562 J1-Ag '66.*
Effect of X-ray irradiation on the distribution of amino acids between erythrocytes and plasma. I. L. Itach, M. M. Khabareva. *Radiobiologiya 6 no. 1:15-18 '66.*
- AMINO ACIDS**
Amino acid composition of alder, bean, and lupine seeds. K. B. Aneeva, Z. G. Evstigneeva, V. I. Kiselev. *Dokl. AN SSSR 168 no. 2:463-465 J1 '66.*
Changes in free amino acids during grapevine dormancy. S. A. Marutian. *Biol. zhur. Arm. 19 no. 6:25-26 Je '66.*
Effect of different nitrogen sources on the formation of amino acids in the homogenates of grapevine roots and leaves. N. N. Nitsubidze, N. A. Davitashvili. *Sob. AN Gruz. SSR 43 no. 1:109-114 J1 '66.*
Preparation of N-(6-purilyl)diacetylamine salts. E. D. Kaverzina, V. K. Zvorykina, V. V. Ritschik. *Izv. AN SSSR. Ser. khim. no. 7:1199-1203 '66.*
- AMINO ACIDS—EFFECT ON PLANTS** see Plants, Effect of amino acids on
- AMINO ACIDS—PHYSIOLOGICAL EFFECT**
Effect of some amino acids on the growth and toxin formation of botulin pathogens of the A. B. C. and D. types and their toxins. Zhur. mikrobiol. i epidemiol. 43 no. 7:66-69 J1 '66.
- AMINO GROUP**
Effect of X-ray irradiation on transamination in plants. S. O. Grebchinskii, N. M. Kozlovskii, M. S. Goryunov. *Radiobiologiya 6 no. 4:631-632 '66.*
- AMINOPHYLLINE—PHYSIOLOGICAL EFFECT**
Effect of diaphylline on the tone of cerebral, extracranial and peripheral vessels according to plethysmographic data. V. P. Zhuravkin. *Trudy LNU 37: 30-36 '65.*
- AMMINES**
Hydrogenation of m -mentha-1,3(6)-diene by carbonates ammoniac. I. I. Baryshin, E. N. Mamonov. *Dokl. AN SSSR 169 no. 7:460-471 J1 '66.*
- AMMONIA**
Losses of ammonia in peat bogs. I. S. Lapchevskii, A. S. Melarouski. *Vestn. AN SSSR. Ser. sel'sk. khoz. no. 2:25-29 '66.*
Use of ammonia nitrate, ammonia water, and ammonia chloride for the defoliation of lupine. V. V. Zhuravkin. *Khim. v sel'sk. khoz. 4 no. 0:49-51 Ag '66.*
- AMMONIFICATION**
Effect of some chemical compounds on processes of ammonification and nitrification in soil. B. M. Chernobrovina. *Mikrobiol. prot. v pochv. Moud. no. 2:66-71 '65.*
- AMMONIUM CARBONATES—PHYSIOLOGICAL EFFECT**
Comparative evaluation of urea and ammonium carbonate fed to castrated bull calves. V. A. Smol'ga. *Khim. v sel'sk. khoz. 4 no. 7:45-46 J1 '66.*
- AMMONIUM PERCHLORATE**
Effect of catalyst additives on the combustion of ammonium perchlorate and some mixtures on its basis. A. F. Glazkova. *Fiz. gor. i vzryva no. 1:59-67 '66.*
- AMMONIUM PHOSPHATE CRYSTALS**
Absorption anisotropy of ammonium dihydrogenphosphate in the infrared. I. A. Ryabin, N. A. Mitropolskii. *Izv. AN SSSR. Neorg. mat. 2 no. 6:1072-1079 Ja '66.*

AMMONIUM SALTS

Regulation of synthesis of amination enzymes in *Bacillus brevis* G13 by ammonium ions. S.V. Shestakov, V.D. Filipov. Dokl. AN SSSR 169 no. 3:705-708 JI '66.

AMMONOIDEA see subdivision under Nakhichevan A.S.S.R.; Verkhoysk Range

AMPHIBOLES see subdivision under Sayan Mountains

AMPHIBOLES—THERMAL PROPERTIES

Effect of thermal treatment on the mechanical properties of fibers of natural and synthetic amphiboles. E.M. Nadgornyi, L.F. Grigor'eva, A.P. Ivanov. Izv. AN SSSR. Neorg. mat. 2 no. 4:761-763 Ap '66.

AMPLIFIERS (ELECTRONICS)

Agakhanov, T.M. [Electronic circuits and nonlinear pulse amplifiers] Elektronnye khruchi i nelineynye impul'snye usiliteli. Moskva, Sovetskoe radio, 1966, 350 p.

Baglai, R.D. [Amplification of weak signals of arbitrary shape] Udlenie slabykh signalov proizvol'noi formy. Novosibirsk, Nauka, 1965, 200 p.

Effect of the output transformer on the characteristics of the group amplifiers of multichannel long-distance communication systems. B.P. Borisov, Mekh. i avtom. upr. no. 3:57-59 My-Je '66.

AMPLIFIERS, ELECTRON-TUBE

Inertial electronic device with regulated coefficient of amplification. E.A. Sankovskii, V.V. Kruglikov, Mekh. i avtom. upr. no. 3:31-33 My-Je '66.

AMU-BUKHARA CANAL

Amu-Bukhara Canal. IU. M. Danilov. Gidr. i mel. 16 no. 7:40-50 JI '66.

AMU DARYA—BARDEL (FISH)

River form of Aral Barbus brachycephalus Kessl. L.P. Pavlovskaya. Zool. zhur. 45 no. 7:1047-1052 '66.

AMUR PROVINCE—COWS AS CARRIERS OF DISEASE

Role of cows in the formation of foci of anicteric leptospirosis in Amur Province. N.D. Mazurin, I.I. Anokhin. Zhur. mikrobiol., epid. i immun. 43 no. 8: 147 Ag '66.

AMUR PROVINCE—LEPTOSPIRINOSIS

Etiological structure of anicteric leptospirosis in Amur Province. I.I. Anokhin. Zhur. mikrobiol., epid. i immun. 43 no. 8:140-150 Ag '66.

Role of cows in the formation of foci of anicteric leptospirosis in Amur Province. N.D. Mazurin, I.I. Anokhin. Zhur. mikrobiol., epid. i immun. 43 no. 8: 147 Ag '66.

AMUR RIVER—SHORE PROTECTION

Natural slopes of the Amur and Zeya banks. I. Solov'ev. Rech. transp. 25 no. 7:36 '66.

AMUR VALLEY—LANDFORMS—CLASSIFICATION

Classification of "morphosculpture" in the Amur basin. V.V. Ntsholskaya. Blud. MOIP, Otd. geol. 41 no. 2: 147 Mr-Ap '66.

AMYLOIDOSIS

Amyloidosis in Felty's syndrome. V.B. Zarov. Sov. med. 29 no. 5:126-127 My '66.

Development of experimental amyloidosis in animals following their adaptation to hypoxia. Z.I. Kostina, Z.I. Barabashova. Blud. ekup. biol. i med. 62 no. 7:103-107 JI '66.

ANABAR SHIELD—ALGAE, FOSSIL

Oolites and cataglyphs of western slope of Anabar highland. V.E. Mil'shtein. Uch. zap. NIIGA, Ser. "Paleont. i biost.", no. 7:74-91 '65.

ANALYSIS (MATHEMATICS) see Calculus

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANAPHYLAXIS

Case of anaphylactic shock following the use of penicillin and bicillin-3. M.S. Saleimanov. Azerb. med. zhur. 43 no. 5:74-76 My '66.

Use of the method of anaphylaxis combined with desensitization for discovering interspecific and intraspecific antigenic differentiation in fish. V.I. Luk'janenko, A.A. Terent'ev. Dokl. AN SSSR 169 no. 1:217-219 JI '66.

ANASTASIYEVKA-TROITSKOYE OIL FIELD—PETROLEUM PRODUCTION

Means for restoring the productivity of oil wells in the Anastasiyevka-Troitskoye field. P.A. Grubchak, V.D. Konev, N.G. Ruzhilo. Nefteprom, delo no. 7:21-23 '66.

ANATOMY, PATHOLOGICAL

Pathological anatomy of bysinosia. T.A. Kochetkova, L.L. Fedotova. Arkh. pat. 28 no. 6:9-15 '66.

ANATOMY, PATHOLOGICAL—CONGRESSES

4th All-Union Congress of Pathoanatomists. G.G. Avtandilov. Arkh. pat. 28 no. 5:90-94 '66.

ANATOMY, SURGICAL AND TOPOGRAPHICAL

Projection and orientation anatomy of intrahepatic bile ducts. V.V. Vinogradov, G.E. Ostroverkhov, V.F. Zabrudskaya. Khirurgiya 42 no. 6:143-147 Je '66.

ANCIENT HISTORY see History, Ancient

ANDESITES

Relation of the formation of andesites in geosynclinal areas to the development of reefs and andesite explosive volcanism. A.S. Kalugin. Dokl. AN SSSR 168 no. 6:1374-1376 Je '66.

ANEMIA

Formol and thymol tests in differential diagnosis of myelomatosis. S.I. Iagodin. Sov. med. 29 no. 5: 121-124 My '66.

Significance of splenic hemolysis in the pathogenesis of the anemic syndrome in hyperaplasia. A.M. Akhmedov, R.T. Farmanov. Azerb. med. zhur. 43 no. 5:11-16 My '66.

10 years of observation of age-related characteristics of the dynamics of hypertension. T.A. Mirzoev. Azerb. med. zhur. 43 no. 5:16-21 My '66.

ANESTHESIA

Anesthesia in peroral endoscopy. R.G. Khundadze, G.M. Tsanova. Khirurgiya 42 no. 6:63-69 Je '66.

Some characteristics of anesthesia in grave and terminal stages of traumatic shock. K.M. Vintsentini, E.S. Zolotokrylna, T.P. Bol'skaya. Ortop., travm. i protez. 27 no. 5:16-21 My '66.

Some problems of anesthesia and resuscitation in patients with hip injuries and 4th-degree shock. A.IU. Aksel'trod. Ortop., travm. i protez. 27 no. 5:11-15 My '66.

ANESTHESIOLOGY

Experience in the use of electroencephalography during anesthesia. T.S.K. Borzhievskii. Sov. med. 29 no. 5: 96-99 My '66.

ANEURYSMS

Cause of morphological reconstruction of vascular walls forming traumatic arteriovenous aneurysms. O.B. Milonov. Sob. AN Gruz. SSR 43 no. 1:227-234 JI '66.

ANGINA PECTORIS

Stenocardia in chronic tonsillitis. A.N. Kokosov. Sov. med. 29 no. 5:58-62 My '66.

Study of the effectiveness and mechanism of the action of the Hungarian preparations No-Spa and coronin in stenocardia. IU. A. Kozhevnikov and others. Sov. med. 29 no. 7:65-68 JI '66.

ANILIDES

Organophosphorus compounds with an active methylone group. Part 3: Synthesis of some esters of carboxyanilides of phosphonic acid. M.G. Maev, A.M. Shkrikova, R.A. Gataeva. Zhur. ob. khim. 36 no. 7: 1230-1232 JI '66.

ANILINE

N-methyl-2,4-dimethyl- and N-trifluoromethyl-N-methylanilines. L.M. Iagupol'skii, M.I. Dronkina. Zhur. ob. khim. 36 no. 7:1309-1313 JI '66.

ANIMAL MIGRATION

Akademiya nauk SSSR. Otdeleniye obshchey biologii.

[Migration of birds and mammals] Migratsii ptits i mlekopitavushchikh. Moskva, Nauka, 1965, 158 p. (CU)

ANIMAL POPULATIONS—CONGRESSES

Soyezhshchaniya po probleme "Zakonomenosti vnutrividovoi izmenchivosti nazemnykh pozvonochnykh zhivotnykh i mikroevolutsiy." Sverdlovsk, 1964. [Intraspecific variability of terrestrial vertebrates and microevolution; transactions] Vnutrividovaya izmenchivost' nazemnykh pozvonochnykh zhivotnykh i mikroevolutsiy; trudy. Sverdlovsk, Akad. nauk SSSR, Ural'skii filial, In-t biologii, 1965, 373 p.

ANIMALS, HABITS AND BEHAVIOR OF

Excitation level, its reflexes in electroencephalogram and correlation with behavior reactions in rabbits. Report No. 1: Changes in electroencephalogram under different physiological conditions. B.I. Kotliar, L.V. Kaluzhnyi. Zhur. vys. nerv. delat. 16 no. 4:611-618 JI-Ag '66.

Hereditary, environment, brain, and problem solving. D. Krech. Vop. psikh. 12 no. 3:39-43 My-Je '66.

Rzhevskii, Boris. [Error of the king of the zoological gardens] Oshibka korolia zooparkov. [Moskva, Malysh, 1966] 95 p.

ANIMALS, TRAINING OF

Role of training in stabilization of conditioned connections in hemispherectomized pigeons. L.A. Milkina. Zhur. vys. nerv. delat. 16 no. 4:637-642 JI-Ag '66.

ANISOTROPY

Absorption anisotropy of ammonium dihydrophosphate in the infrared. IA. L. Ryskin, N.A. Mitropol'skii. Izv. AN SSSR, Neorg. mat. 2 no. 6:1072-1079 Je '66.

ANNEALING OF METALS

Effect of the low-temperature holding during the high-temperature annealing on the properties of cold-rolled transformer steel. M.I. Kolov, V.E. Koshnov. Stal' 26 no. 6:549 Je '66.

Investigating the effect of initial structure and conditions of heat treatment on the corrosion resistance and mechanical properties of cast, acid-resistant IKh18Ni2M2TL steel. S.M. Gugel', B.M. Flehtein, E.P. Koltanova. Sbor. rab. NITM no. 11:136-149 '65.

ANODE PROTECTION

Mechanism of the anodic protection of carbon steel in concentrated sulfuric acid. V.M. Novakovskii, L.L. Pnigold, Zashch. met. 2 no. 3:300-306 My-Je '66.

Persistent long-range action of anodic protection in finite length tubes. V.A. Timonin, M.N. Fokin. Zashch. met. 2 no. 3:307-311 My-Je '66.

Studying the possibility of the anodic protection of stainless steel in diluted nitric acid. V.S. Kuzub, V.A. Kachanov. Zashch. met. 2 no. 3:356-360 My-Je '66.

ANOXEMIA

Changes in central nervous system in prolonged circulatory hypoxia. T.M. Vikhert. Arkh. pat. 28 no. 6: 63-68 '66.

Development of experimental amyloidosis in animals following their adaptation to hypoxia. Z.I. Kostina, Z.I. Barabashova. Blud. ekup. biol. i med. 62 no. 7:103-107 JI '66.

Mechanism of the origination of tonic excitation in the center of vagus innervation of the heart in rabbits and rats. I.S. Ugolnaya. Blud. ekup. biol. i med. 61 no. 4: 7-10 Ap '66.

Primary cortical potentials in cats evoked by acoustic stimuli and their changes in hypoxia. E.V. Bundarev. Fiziol. zhur. 50 no. 7:779-783 JI '66.

Role of the adrenal cortex in the increase of the resistance of X-irradiated white rats to acute hypoxia. G.A. Yast'ev, IU. A. Melvedev. Radiobiologiya 6 no. 4:618-619 '66.

ANSON, KARL KARLOVICH, 1887-1966

K.K. Anson; an obituary. Vop. psikh. 12 no. 3:100 My-Je '66.

ANTELOPES, FOSSIL see subdivision under Akhalkalak region (Georgia)

ANTENNAS (ELECTRONICS)

Bolotserkovskii, G.Y. [Problems and calculations for course in "Fundamentals of radio engineering and antennas"] Zadachi i raschety po kursu "Osnovy radio-tekhniki i anteny." Moskva, Mashinostroyeniye, 1966, 190 p.

ANTENNAS (ELECTRONICS)—DESIGN AND CONSTRUCTION

Benenson, L.S., ed. [Antenna arrays; design and calculation methods] Anteny reshetki; metody rascheta i proektirovaniya. Sost. L.S. Benenson i dr. Moskva, Sovetskoe radio, 1966, 387 p. (Ozbor zarubezhnykh rabot)

ANTHOCYANIN

Biochemical changes linked with mutations of the loss of anthocyanin coloration of flowers in some plants. Halida al Bassam. Dokl. AN SSSR 168 no. 6:1405-1408 Je '66.

ANTHRACITE COAL

Increasing the degree of overheating of cast iron and reducing its sulfur content during cupola furnace melting with the use of "thermoanthracite." G.K. Miroshnikov. Izv. vuz. ucheb. zav. i Chern. met. 9 no. 7:161-165 '66.

ANTHRAQUINONES

Derivatives of anthraquinone. Part 10: 2,3-Difluoroanthraquinone and its substituted compounds. N.S. Dukunikhin, B.V. Salov. Zhur. ob. khim. 36 no. 7: 1313-1315 JI '66.

ANTHRAQUINONESULFONIC ACID

Derivatives of anthraquinone. Part 11: 6,7-difluoroanthraquinone-1-sulfonic acid and 4-chloro-6,7-difluoroanthraquinone. N.S. Dukunikhin, B.V. Salov. Zhur. ob. khim. 36 no. 7:1315-1318 JI '66.

ANTHROPOLOGY—METHODOLOGY

Methodological principles of anthropology. IA. A. Rogina. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:9-18 '66.

ANTICOAGULANTS (MEDICINE)

Study of the effectiveness and mechanism of the action of the Hungarian preparations No-Spa and coronin in stenocardia. IU. A. Kozhevnikov and others. Sov. med. 29 no. 7:65-68 JI '66.

ANTICONVULSANTS see Antispasmodics

ANTIGENS AND ANTIBODIES

Dynamics of the changes in the population of plasmatic cells in the formation of antibodies. K.A. Lebedev, A.I.A. Fridenshtein, Zhur. mikrobiol., epid. i immun. 43 no. 8:83-91 Ag '66.

Formation of organospecific antigens of the crystalline lens in ontogeny of mice. V.M. Barabanov, Biol. eksp. biol. i med. 62 no. 7:82-85 Ji '66.

Heteroantigens of tumor cells and the problem of cell differentiation. I.U. M. Olenov, V.I.A. Fel', TSitologiya 8 no. 3:331-344 My-Je '66.

Immunological reactions of isolated cells. Report No. 2: Effect of the number of immunizations and of the antigen doses on the antigen production by individual cells. I.A.S. Shvartsman, M.K. Karpov, A.V. Isopolatova, Zhur. mikrobiol., epid. i immun. 43 no. 7:58-62 Ji '66.

Methodology of arranging the indirect hemagglutination reaction with antibody-sensitized erythrocytes. G.A. Batar, R.E. Konikova, V.N. Krylov, Zhur. mikrobiol., epid. i immun. 43 no. 7:87-102 Ji '66.

Protective antigens of the whooping cough microbe isolated by various methods. I.A. Lapueva, M.S. Zakharova, I.B. Pavlova, Zhur. mikrobiol., epid. i immun. 43 no. 8:72-77 Ag '66.

Recurrent goiter: a clinical immunological study. K.A. Sidorov, Sov. med. 29 no. 5:78-83 My '66.

Role of nonspecific globulins in the biosynthesis of antibodies. L.G. Prokopenko, Biol. eksp. biol. i med. 61 no. 4:77-80 Ap '66.

Some characteristics of antibody production determined by successive prolonged introduction of antigen. L.T. Piat, R.E. Arend, Zhur. mikrobiol., epid. i immun. 43 no. 8:40-44 Ag '66.

Use of the method of anaphylaxis combined with desensitization for discovering interspecific and intraspecific antigenic differentiation in fish. V.I. Luk'iansenko, A.A. Terent'ev, Dokl. AN SSSR 169 no. 1:217-219 Ji '66.

ANTIGENS AND ANTIBODIES—ANALYSIS

Immunochemical properties of isolated H-antigen of the typhoid fever bacillus. N.G. Flah, E.S. Staislavskii, Zhur. mikrobiol., epid. i immun. 43 no. 8:48-52 Ag '66.

Nezlin, R.S. [Biochemistry of antibodies] Biokhimiia antitel, Moskva, Nauka, 1966, 305 p.

Study of the antigen composition of some strains of the tularemia microbe. Report No. 2: Comparative antigen composition of the virulent and avirulent microbe. V.V. Sukhar', Zhur. mikrobiol., epid. i immun. 43 no. 8:104-108 Ag '66.

ANTIHYPERTENSIVE AGENTS

Clinical testing of the hypotensive substance, dimecolin, in the treatment of patients with hypertension. TS.A. Levina, A.I. Romanovskaya, Sov. med. 29 no. 5: 83-87 My '66.

ANTIMONY-GALLIUM-TELLURIUM ALLOYS see Gallium-antimony-tellurium alloys

ANTINEOPLASTIC AGENTS

Relation between radioprotective and antineoplastic properties of the inhibitors of radical processes. E.B. Burlakova, V.D. Gaitseva, N.M. Emanuel', Izv. AN SSSR, Ser. biol. 31 no. 4:511-516 Ji-Ag '66.

Significance of cytological studies in evaluating the antineoplastic effect of chemotherapeutic preparations. R.F. Korlakina, V.A. Kosarev, T.A. Lukina, TSitologiya 8 no. 3:432-436 My-Je '66.

Structure and antileukemic effect in a series of substituted phenols. N.F. Kenoyalova and others, Dokl. AN SSSR 168 no. 8:1419-1421 Je '66.

ANTINEOPLASTIC AGENTS—OPTICAL PROPERTIES

p-Di(2-chloroethyl)aminophenylalanine (sarcosine) and its derivatives. Part II: New method of preparing some optically active cytotoxic dipeptides. E.N. Shkodinskaya and others, Zhur. ob. khim. 36 no. 7: 1205-1208 Ji '66.

ANTIOXIDANTS

Critical concentrations in a binary mixture of antioxidants. I.A. Shishapnikova, V.B. Miller, I.U. A. Shlapnikova, Vyssokom. soed. 8 no. 8:1401-1404 Ag '66.

Monosamines as antioxidants. Regularities and mechanism of action. I.A. Shishapnikova and others, Vyssokom. soed. 8 no. 8:1405-1410 Ag '66.

Protective properties of antioxidants. R.B. Stralkov, L.F. Semenov, Radiobiologiya 6 no. 4:578-579 '66.

ANTIQUITIES

Darkevich, V.P. [Articles of West European art industries in Eastern Europe, 10th-14th centuries] Proizvedeniia zapadnogo khudozhestvennogo remesla v Vostochnoi Evrope (X-XIV vv.) Pod obshchey red. B.A. Rybakova, Moskva, Nauka, 1966, 147 p. (Arkheologiya SSSR; svod arkheologicheskikh istochnikov, no. E1-87)

ANTI-SEMITISM

Blatelman, I., and I.U. Klein. [On anti-Semitism] Ob antisemitizme. Tel-Aviv? 1958? 47 p. (NCC)

ANTISPASMODICS

Some data on the effect of pantoerine on the spasmodic reaction in rats. L.P. Dobrokhotova, Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:93-95 '66.

Study of the effectiveness and mechanism of the action of the Hungarian preparations No-Spa and coronin in stenocardia. I.U. A. Kozhevnikov and others, Sov. med. 29 no. 7:65-68 Ji '66.

ANTISUBMARINE WARFARE

Avalanche combat operations against submarines. I.U. A. Briukhanov, Mor. shor. 49 no. 6: 34-37 Je '66.

ANTITANK GUNS

Our accomplished skills. Voen. znan. 42 no. 7:39 Ji '66.

AORTA

Introduction of drugs into aorta following radical surgery for cancer of cardiac part of stomach and esophagus. V.A. Ivanov, V.A. Goldin, Khirurgiya 42 no. 6: 80-85 Je '66.

AORTA—ADORNITIES AND DEFORMITIES

Case of double aorta in an adult. N.S. Gursiev, Shor. nauch. trud. SOGMI no. 11:206-209 '64.

AORTA—DISEASES

Hemodynamic criteria in mitral and aortic heart defects. F.G. Uglov, V.A. Gerasim, A.D. Smirnov, Khirurgiya 42 no. 6:89-96 Je '66.

APARTMENT HOUSES—DESIGN AND CONSTRUCTION see subdivision under Leningrad; Oukhovo (Moscow Province)

APATITE MINES AND MINING—EQUIPMENT AND SUPPLIES

Efficiency of roller bit boring in apatite open-pit mines. F.G. Grachev and others. Vzyv. delo no. 58/15:80-86 '66.

Studying the optimum parameters of roller bit boring in apatite open-pit mines. F.G. Grachev. Vzyv. delo no. 58/15:112-118 '66.

APOMORPHINE—PHYSIOLOGICAL EFFECT

Effect of apomorphine on the inactivation of adrenaline in cats. M.L. Belen'kii, M. Vitolina, E. Baumant, Biol. eksp. biol. i med. 61 no. 4:54-55 Ap '66.

APPARENT DEATH see Death, Apparent

APPELLATE PROCEDURE

(see also subdivision under Ukraine)

Specific aspects and limits for the evaluation of evidence by higher courts. V.D. Arsen'ev, Sov. gos. i pravo 36 no. 8:87-74 Ag '66.

APPENDICITIS

Acute appendicitis in elderly and senile persons. I.A. Imenov, A.B. Kafarov, Azerb. med. zhur. 43 no. 5:42-51 My '66.

Torsion of the greater omentum simulating acute appendicitis. M.A. Bagirov, D.K. Dzhafarov, Azerb. med. zhur. 43 no. 5:72-74 My '66.

APPENDIX (ANATOMY)—TUMORS

Morphology and histogenesis of carcinooids of the vermiform process. V.A. Iavelov, Arkh. pat. 28 no. 5:56-60 '66.

APPLE see subdivision under White Russia

APPLE—DISEASES AND PESTS see subdivision under Soviet Central Asia; White Russia

APPLE—FROST RESISTANCE see subdivision under White Russia

APPLE—STORAGE

Storing apples wrapped in polyethylene. A. Troian, D. Gol'man, Sov. torg. 36 no. 7:44-46 Ji '66.

APPLE BREEDING

Breeding apple for winter hardiness. A.I.A. Shubaraun, Vestsi AN BSSR, Ser. sel'hozp. nav. no. 2:54-61 '66.

APPLE POWDERY MILDEW

New fungicides for the control of apple powdery mildew. V.F. Perepykin, I.U. V. Kaluzhnyi, Khim. v sel', khoz. 4 no. 8:23-26 Ag '66.

APPLIED MECHANICS see Mechanics, Applied

APPRENTICES

Nature of relationship of enterprises and apprentices. K. Abzhanov, Izv. vya. ucheb. zav.; prav. 10 no. 1:130-133 '66.

AQUALUNG

Speed reserves of aqualungers. V. Efremov, Voen. znan. 42 no. 8:44 Ag '66.

ARAB COUNTRIES—POLITICS

Is "Islamic Pact" religious? Gamal Abdel Nasser. Az. i Afr. seg. 10 no. 8:14 Ag '66.

Polarization of forces in the Arab world. P. Demcherik, Nov. vrem. 24 no. 34:5-6 Ag '66.

ARABIA, SOUTHERN

Colonialist moves in Southern Arabia. A. Vasil'ev, Nov. vrem. 24 no. 36:20-21 S '66.

ARACHIDONIC ACID—THERAPEUTIC USE

Use of arachiden in coronary atherosclerosis. V.I. Bobkova, I.U. G. Dergacheva, Sov. med. 29 no. 7: 68-72 Ji '66.

ARAL SEA—GEOLOGICAL TIME

Absolute age of the Aral Sea calculated from its contents of undissolved uranium. P.I. Chalov, K.I. Mezukova, T.V. Tuzova, Dokl. AN SSSR 169 no. 1:88-91 Ji '65.

ARAL SEA REGION—FORAMINIFERA, FOSSIL

Stratigraphic significance of Oligocene and Lower Miocene Foraminifera in the Aral Sea region of the Unguz Dara Kum. V.A. Ivanova, Biol. Mol. i Gid. geol. 41 no. 2:143-144 Mr-Ap '66.

ARAL SEA REGION—RODENTS—EXTERMINATION

Some methods of the immobilization of rodents and prolonged poisoning of areas inhabited by them. V.S. Lobachev, B.D. Renedin, I.Zh. Zhabanazarov, Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:50-55 '66.

ARAPOV, ANATOLII AFANAS'EVICH, 1876-1919

Rakitin, E.B. Anatolii Afanas'evich Arapov, Moskva, Sovetskii khudozhnik [1966] 77 p. Ilus.

ARAPOV, BORIS ALEKSANDROVICH, 1905-

Konigsberg, A.K. [Boris Aleksandrovich Arapov; sketch of his life and work] Boris Aleksandrovich Arapov; ocherk zhizni i tvorchestva, Leningrad, Mozyka, 1965, 42 p. (NIC)

ARARAT PLAIN—WATER, UNDERGROUND

History of the development of Tertiary underground waters in the Ararat Plain, II, G. Arutunian, Izv. AN Arm. SSR, Nauka o zem. 10 no. 5:52-59 '66.

ARBITRATION, INTERNATIONAL

Lunts, L.A. [International civil procedure] Mezhdunarodnyi grazhdanskii protsess. Moskva, Uchebno-nauchnaia literatura, 1966, 188 p. (Hiz. Kurs mezhnunarodnogo chuzhnogo prava)

ARBITRATION AND AWARD (see also subdivision under Ukraine)

Decisions of arbitration agencies. Rad. pravo 28 no. 2: 100-101 F '66.

Decisions of the Maritime Arbitration Commission. Shor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:46-48 '66.

From the practice of arbitration agencies in the examination of maritime disputes. R.I. Sedunov, Shor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:41-21 '66.

From the practice of the Arbitration Agency attached to the Council of Ministers of the U.S.S.R. Shor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:42-44 '66.

From the practice of the Arbitration Agency attached to the Council of Ministers of the U.S.S.R. Shor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:41-42 '66.

From the practice of the Arbitration Agency of the Ministry of the Merchant Marine. Shor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:44-46 '66.

Plenary session of the Central Committee of the CPSU in September 1965 and the problems facing our arbitration agencies. I. Krasnostup, Rad. pravo 28 no. 2: 9-12 F '66.

ARBITRATION AND AWARD—CASES

(see also subdivision under Ukraine)

Arbitration practice, Sov. iust. 30 no. 10:31-32 My '66.

ARBUSOV REARRANGEMENT see Rearrangements (Chemistry)

ARCHAEOLOGICAL EXPEDITIONS see subdivision under Peipus Lake region

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHAEOLOGY—CONGRESSES

The First International Congress of Slavic Archaeology in Warsaw. I.D. Pobal', Vestsi AN BSSR, Ser. bravn. nav. no. 2:129-131 '66.

ARCHANGEL PROVINCE—LUMBERING—LABOR PRODUCTIVITY

Initiative has been approved, now what?... I. Melenevskii. Sov. profsoyuz 22 no.14:20-21 J1 '66.

ARCHANGEL PROVINCE—PINE

Viability and growth of Scotch pine plantations in Archangel Province, established by planting seeds from various areas of the taiga zone. V.I.A. Popov, P.I. Volchukin. Izv. vys. ucheb. zav. i. na. zhur. 9 no.3:13-16 '66.

ARCHES

Tlazhelev, N.N. [Calculating three-hinged arches; home-work manual] Raschet trekhsharnnykh ark; uchebnoe posobie dlia vyshchego domašnego raboty. Pod obščim red. V.A. Kiseleva. Moskva, Vysshiaia shkola, 1965. 22 p.

[MICROFILM]

ARCHES—VIBRATION

Vibration of a circular arch. IU. A. Mashenkov. Prikl. mekh. 2 no.7:103-108 '66.

ARCHITECTURAL DRAWING

Shorensheva, I.A. [Industrial buildings and structures; their design; an album of drawings] Promyshlennye zdaniia i sooruzheniia; konstruirovaniia; al'bom chertechel. Leningrad, Stroiizdat, 1966. 154 p. (chiefly illus.)

ARCHITECTURE see subdivision under Khiva (Uzbekistan); Leningrad

ARCHIVES

(see also subdivision under Kirghizistan)

Archives of Soviet Navy in service of national economy. V.N. Normov. Sov. arkh. no.3:91-94 '66.

Information notes. Sov. arkh. no.3:110-126 '66.

More attention to economic problems! N.A. Il'inski. Sov. arkh. no.3:81-84 '66.

Our five-year plan. Sov. arkh. no.3:10-13 '66.

Selection of documentary materials for preservation; note of editor. Sov. arkh. no.3:14 '66.

Theoretical and practical problems in expert evaluation of documentary materials. V.V. Tsaplin. Sov. arkh. no.3:14-22 '66.

ARCTIC FOX see subdivision under Bol'shezemel'skaya Tundra

ARCTIC REGIONS—FROZEN GROUND

Grigor'ev, N.F. [Permafrost in the seashore zone of Yakutia] Mnoogoletnemerzlye porody primorskoi zony Yakutii. Moskva, Nauka, 1966. 177 p.

ARGUMENTATION see Syllogism

ARITHMETIC—PROBLEMS, EXERCISES, ETC.

Bohuslavs'kiy, I.P., and A.I. Chervatuk. [Written test problems in arithmetic for grades 5 and 6; a textbook for teachers] Kontrol'nye pismennye raboty po arifmetike dlia 5-6 klassov; posobie dlia uchitelei. Kiev, Radnashka shkola, 1966. 207 p.

ARMY—ACTIVITY PROGRAMS IN EDUCATION

Work of the Communists and the members of the Komsomol in a school. L. Tsokhanekii. Nar. obr. no.8:51-53 Ag '66.

ARMED FORCES see subdivision under Russia

ARMENIA—BALLET

Tigranov, G.G. [Opera and ballet in Armenia] Opera i balet. Armenii. Moskva, Muzyka, 1966. 237 p.

ARMENIA—BEETLES

Two new species of coleoptera (Insecta, Coleoptera) from Armenia S.S.R. S.M. Iablukov-Khazorian. Dokl. AN Arm. SSR 42 no.8:300-314 '66.

ARMENIA—BIRDS—FOOD

True bugs and plant lice as food for insectivorous birds of the Erivan region and some areas of Vedi District. M.S. Adamian, E.G. Akramovskaya, R.K. Eglazarian. Biol. zhur. Arm. 19 no.8:101-104 Je '66.

ARMENIA—CONCRETIONS

Spherical, ellipsoidal, and pillowlike concretions of the Shorakhyansk series (Lower-Middle Oligocene), S.G. Sarkisian, V.P. Aevattian, A.A. Sadoian. Izv. AN Arm. SSR, Nauki o zem. 19 no.3:12-20 '66.

ARMENIA—COPPER—ELECTROMETALLURGY

Roasting and electric melting of copper charge. N. Abramov. Prom. Arm. 9 no.5: 17-19 My '66.

ARMENIA—EARTHQUAKES AND BUILDING

Experience in obtaining more exact data on initial seismic intensity for purposes of microseismic and detailed seismic regionalization. S.A. Piruzian. Inzh. seism. no.3/4:45-50 '66.

ARMENIA—FIRE PREVENTION

More attention to automatic control in fire prevention. R. Muradian. Prom. Arm. 9 no.5: 9-11 My '66.

ARMENIA—GLASS FACTORIES

Using local quartzites in melting semiwhite glass. L. Mkrtchian, K. Kostanian, A. Melik-Akhnezarov. Prom. Arm. 9 no.5: 49-51 My '66.

ARMENIA—GRAPE HYACINTH

Ecological and geographical notes on the Armenian species of the genus Muscari Mill. A.I. Pogosian. Biol. zhur. Arm. 19 no.8:88-93 Je '66.

ARMENIA—HYDROLOGY

Flow of solids in rivers and the denudation of the volcanic highland of the Armenian S.S.R. G.K. Gabriellian. Izv. AN Arm. SSR, Nauki o zem. 19 no.3:60-67 '66.

ARMENIA—INDUSTRIAL MANAGEMENT

Full load on basic production funds. R. Melkumian. Prom. Arm. 9 no.5: 5-8 My '66.

In the Committee of Public Control. Prom. Arm. 9 no.5: 71-72 My '66.

ARMENIA—INSECTS, INJURIOUS AND BENEFICIAL

True bugs and plant lice as food for insectivorous birds of the Erivan region and some areas of Vedi District. M.S. Adamian, E.G. Akramovskaya, R.K. Eglazarian. Biol. zhur. Arm. 19 no.8:101-104 Je '66.

ARMENIA—KINGS AND RULERS (IN RELIGION, FOLK-LORE, ETC.)

Defilement and the cult of kings and their ancestors in ancient Armenia. G.Kh. Sarkisian. Vest. drev. ist. no.2:3-26 '66.

ARMENIA—LAMELLIBRANCHIATA, FOSSIL

Find of the genus Atopodonta Cossmann (Molluca Bivalvia) in the Upper Eocene sediments of Armenia. G.O. Svadzhian. Izv. AN Arm. SSR, Nauki o zem. 19 no.3:103-105 '66.

ARMENIA—LIGHTWEIGHT CONCRETE—TESTING

Tensile and bending tests of lightweight concrete with natural aggregates. A. Piradov. Prom. Arm. 9 no.5: 55-58 My '66.

ARMENIA—MACHINERY INDUSTRY—INDUSTRIAL CAPACITY

Establishing time norms for attaining planned capacity in the Armenian machinery industry. V. Andrianian. Prom. Arm. 9 no.5: 14-17 My '66.

ARMENIA—METALLURGY

Development of research and technical progress in the metallurgical industry of Armenia in five years. V. Melkonian. Prom. Arm. 9 no.5: 3-5 My '66.

ARMENIA—NONMETALLIC MINERALS

Akademii nauk Armaniskoi SSR, Erivan. Institut geologicheskikh nauk. [Geology of the Armenian S.S.R.] Geologiya Armaniskoi SSR. Glav. red. S.S. Mkrtchian i dr. Erevan. Vol. 7. [Nonmetallic minerals] Nemetallicheskie poloznye iskopayemye. 1966. 577 p.

ARMENIA—OPERA

Tigranov, G.G. [Opera and ballet in Armenia] Opera i balet. Armenii. Moskva, Muzyka, 1966. 237 p.

ARMENIA—ORE DEPOSITS

Yagdan iron-tin manifestation. A.A. Adamian. Izv. AN Arm. SSR, Nauki o zem. 19 no.3:84-88 '66.

ARMENIA—OSTRACODA, FOSSIL

Ostracoda from Pliocene sediments in Armenia. Report No. 2. S.A. Bubikian. Izv. AN Arm. SSR, Nauki o zem. 19 no.3:13-11 '66.

ARMENIA—PERONOSPORALES

Materials on Peronosporales of the Armenian S.S.R. L.I. Ostapian. Biol. zhur. Arm. 19 no.6:94-100 Je '66.

ARMENIA—PLOWING

Subsoiling plow for farming in mountainous areas. A. Arzumanian. Tekh. v sel'khoz. 28 no.6:34-35 Je '66.

ARMENIA—QUARTZITE

Using local quartzites in melting semiwhite glass. L. Mkrtchian, K. Kostanian, A. Melik-Akhnezarov. Prom. Arm. 9 no.5: 49-51 My '66.

ARMENIA—SCALE INSECTS—EXTERMINATION

Effectiveness of new preparations against coccids. G.A. Babalian. Khim. v sel'khoz. 4 no.6: 17-19 Je '66.

ARMENIA—STONECUTTING—EQUIPMENT AND SUPPLIES

Stonecutting machinery industry should have a scientific base. A. Sarkisian. Prom. Arm. 9 no.5: 74 My '66.

ARMENIA—STUDENT ACTIVITIES

Aivazian, A.S. [A school is the center for the organization of the extracurricular time of its students; the school which participated in the Exhibition of the Achievements of the Soviet Economy] Shkola-tsentr raboty po organizatsii vneuchebnogo vremeni uchashchikhsia; shkola - uchastnitsa VDNKh. Erevan, Respubl. in-t usoveršenstvovaniia uchitelei, 1965. 19 p.

ARMENIA—TECHNOLOGICAL INNOVATIONS

Brief news. Prom. Arm. 9 no.5: 72-73 My '66. A useful initiative. L. Agareva. Prom. Arm. 9 no.5: 73 My '66.

ARMENIA—TECHNOLOGICAL INNOVATIONS—COSTS

Objective evaluation of the economic efficiency of new equipment. S. Minasian. Prom. Arm. 9 no.5: 12-14 My '66.

ARMENIA—TECHNOLOGY—INFORMATION SERVICES

In the House of Technology of Armenia. Prom. Arm. 9 no.5: 72 My '66.

ARMENIA—TOBACCO BLUE MOLD

Infection of tobacco with powdery mildew in the central dry zone of the Armenian S.S.R. P.M. Noraslan, M.A. Manucharian. Biol. zhur. Arm. 19 no.6:53-58 Je '66.

ARMENIAN NEWSPAPERS

Let us develop friendship among our peoples. Part. zhizni no.16:75-77 Ag '66.

ARMIES see subdivision 'Army' under Germany, West; Russia

ARMS AND ARMOR, BACTRIAN

The armor of Parthian and Bactrian soldiers. G.A. Pugachenkova. Vest. drev. ist. no.2:27-44 '66.

ARMS AND ARMOR, PARTHIAN

The armor of Parthian and Bactrian soldiers. G.A. Pugachenkova. Vest. drev. ist. no.2:27-44 '66.

AROMATIC COMPOUNDS

Catalytic dehydrogenation of alkylaromatic compounds. A.A. Artyomov, A.A. Balandin, G.M. Marukian. Dokl. AN SSSR 166 no.6:1311-1314 Je '66.

Polar effect of the extra-index substituents on the activation energy of catalytic dehydrogenation of alkylaromatic compounds. A.A. Artyomov, A.A. Balandin, G.M. Marukian. Dokl. AN SSSR 166 no.1:132-135 J1 '66.

ARRHYTHMIA

Antiarhythmic activity of tetrabutylamide of ethylenediaminetetraacetic acid. E.I. Gendenshtein. Biol. eksp. biol. i med. 52 no.7:71-73 J1 '66.

ARSENIC see subdivision under Caucasus, Northern; Chukchi Peninsula

ARSENIC—PURIFICATION

Purification of arsenic by sublimation. F.F. Kharakhov and others. Izv. AN SSSR, Neorg. mat. 2 no.4: 562-564 Ap '66.

ART

Akademii khudozhestv SSSR. Institut zhivopisi, skul'ptury i arkhitektury. [History of art in foreign countries] Istoriia iskusstva zarubezhnykh stran. [2d. 2., ispr.] Moskva, Izd-vo Akad. khudozhestv SSSR. Vol. 1. 1962. 399 p. illus.

ART—CATALOGS

[Chronicle of fine arts] Let. izobr. isk. no.2 '66.

ART—STUDY AND TEACHING

Akademii khudozhestv SSSR. Nauchno-issledovatel'skii muzei. [Russian and Soviet school of art; guidebook] Russkaiia i sovetskaiia khudozhestvennaya shkola; putevoditel'. Leningrad, Sovetskii khudozhnik [1965] 137 p. illus. Leningrad, Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Department of Art and Graphic Arts; program and summaries of reports, April 19-21, 1965] Khudozhestvenno-graficheskii fakul'tet; programma i toziay dokladov, 19-21 aprilia 1965 g. Leningrad. [1965] 18 p. (XVIII Gertsenovskoe chtenie)

ART, ABSTRACT

Mozhmagin, S.E. [Abstractism, the destruction of aesthetics] Abstraktsionizm - razrushenie estetiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 221 p. (RPE)

Phenomenology of a can. M. Lifshits. Kommunist 43 no.12:98-115 Ag '66.

ART, ENGLISH

Kuznetsova, Irina, comp. [English painters from Hogarth to Turner] Angliiskie khudozhniki ot Khogarta do Turnera. [Leningrad] Sovetskii khudozhnik [1966] 17 p. 108 illus.

ART OBJECTS

Darkevich, V. P. [Articles of West European art industries in Eastern Europe, 10th-14th centuries] *Proizvedeniya zapadnogo khudozhestvennogo remesla v Vostochnoi Evrope (X-XIV vv)* Pod obshch. red. B. A. Rybakova. Moskva, Nauka, 1966. 147 p. (Arkheologiya SSSR; svod arkhologicheskikh istochnikov, no. 11-57)

ARTERIES

Evaluation of arterial oscillograms in mass examinations. M. N. Chukhril. *Sbor. nauch. trud. SOGMI* no. 11:106-112 '64.

ARTERIES—DISEASES

Hematogenic origin of vascular hyalin. V. S. Rukosuev. *Ark. pat.* 28 no. 6:73-78 '66.

ARTERIES—LIGATURE

Dynamics of tissue respiration of the pancreas, spleen, liver, and kidneys following the ligation of the cranial and caudal pancreaticoduodenal and splenic arteries. L. I. Khananov, G. F. Grishilo. *Biul. eksp. biol. i med.* 62 no. 7:27-30 Ji '66.

ARTERIOSCLEROSIS

Changes in EEG, ECG and in the processes of blood coagulation in heparin treatment of coronary atherosclerosis. L. I. Aleinikova, A. A. Novikov. *Sov. med.* 29 no. 7:114-118 Ji '66.

Effect of estrogens on the development of coronary atherosclerosis in female rabbits of different ages. I. D. Nasledova. *Biul. eksp. biol. i med.* 61 no. 4:18-23 Ap '66.

Gandzha, I. M. [Prevention and treatment of atherosclerosis] *Profilaktika i lechenie ateroskleroz.* Kiev, Zdorov'ya, 1966. 104 p. (DNLM)

Use of arachidon in coronary atherosclerosis. V. I. Bobkova, I. U. G. Dergacheva. *Sov. med.* 29 no. 7: 68-72 Ji '66.

ARTHRITIS

Diagnosis of infectious allergic polyarthritis. I. I. Zabolotnykh and others. *Sov. med.* 29 no. 7:77-80 Ji '66.

Pathogenesis and pathogenetic treatment of brachioscapular periarthritis. A. L. Latynov. *Ortop., travm. i protez.* 27 no. 7:15-19 Ji '66.

ARTHRITIS, RHEUMATOID

Amyloidosis in Felty's syndrome. V. B. Zarev. *Sov. med.* 29 no. 5:126-127 My '66.

ARTIFICIAL LIMBS

Construction of hip prostheses; anatomical prerequisites. I. P. Shuliak. *Ortop., travm. i protez.* 27 no. 5:68-69 My '66.

ARTIFICIAL RESPIRATION

Effect of artificial respiration with 100% oxygen on the acid-base equilibrium of the blood during resuscitation. I. O. Zakas. *Ortop., travm. i protez.* 27 no. 5:28-30 My '66.

Tracheostomy in traumatological patients with respiratory insufficiency. F. N. Kazantsev, F. Sh. Bakhtozin. *Ortop., travm. i protez.* 27 no. 5:21-26 My '66.

ARTIFICIAL SATELLITES

[Space research] *Ref. zhur.: Issl. kosm. prostr.* no. 7 Ji '66.

ARTIFICIAL SATELLITES—ORBITS

Determination of integration constants in generalized problem of two fixed centers. E. I. Timoshkova. *Vest LGU* 21 no. 13:113-123 '66.

ARTISANS see subdivision under India

ARTISTS, UKRAINIAN

Arnaudov, V. M. [Life anew; autobiographic sketch] *Zhizn' zanovo; avtobiograficheski ocherk.* Donetsk, Donbass, 1965. 77 p. illus.

ASCORBIC ACID

New method for the stabilization of sodium ascorbate solution. D. M. Ruzhetskyl. *Farmatsev. zhur.* 20(1, 2) no. 4:40-42 '66.

ASHKABAD—EYE—DISEASES

Dispensary service for patients with eye diseases from Ashkhabad Branch area of Central Asia Railroad. V. A. Rubtsova. *Trudy Turk. nauch. -issl. trakh. inst.* 9:190-194 '66.

ASHKABAD—OPHTHALMOLOGY

Organization of ophthalmological aid for residents of Ashkhabad. B. A. Khatkhonov. *Trudy Turk. nauch. -issl. trakh. inst.* 9:187-189 '66.

ASHKABAD—SCHOOL HYGIENE

State of refraction in schoolchildren of Ashkhabad and measures to prevent progress of myopia. G. S. Bordyeva, Kh. D. Durdiev. *Trudy Turk. nauch. -issl. trakh. inst.* 9:205-208 '66.

ASIA—BIBLIOGRAPHY

An evaluation of the bibliographies of Asia and Africa. Kh. S. Nadej. *Nar. Az. i Afr.* no. 4:237-240 '66.

[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran. Az. i Afr.* no. 6 '66.

ASIA—DESPOTISM

Problems of Oriental despotism in the works of Soviet scholars. V. A. Rubin. *Nar. Az. i Afr.* no. 4:95-104 '66.

ASIA—ECONOMIC GEOGRAPHY—MAPS

Novoe vremia. [Atlas of "Novoe vremia"; supplement to journal "Novoe vremia"] *Atlas Novogo vremeni; prilozhenie k zhurnalu "Novoe vremia."*

No. 2. [24 maps of Asian, Australian and Oceanian countries] 24 karty stran Azii, Avstralii i Okeanii. [n.p. 1965] 48 p.

ASIA—HISTORICAL GEOGRAPHY

Sources of the rhythm of the Nomadic culture of Central Asia; a historical and geographical synthesis. L. N. Gumilev. *Nar. Az. i Afr.* no. 4:85-94 '66.

ASIA—HISTORY—STUDY AND TEACHING

Some current problems in teaching the history of Asia and Africa. M. N. Pak. *Nar. Az. i Afr.* no. 4:130-138 '66.

ASIA—RELIGION AND SOCIOLOGY

The influence of religion on the social thought of Oriental peoples. L. R. Potonskaia, A. D. Litman. *Nar. Az. i Afr.* no. 4:3-15 '66.

Religion and modern social thought of the foreign peoples of the Orient; discussions at the Institute of the Peoples of Asia of the Academy of Sciences of the U.S.S.R. B. Belen'kh. *Nar. Az. i Afr.* no. 4:264-270 '66.

ASIA, CENTRAL—MAN—MIGRATIONS

Mandel'shtam, A. M. [Nomads on the road to India] *Kochevnyi na puti v Indii.* Moskva, Nauka, Vol. 5. 1966. 230 p. (Materialy i issledovaniya po arkheologii SSSR, no. 130)

ASIA, CENTRAL—NOMADS

Sources of the rhythm of the Nomadic culture of Central Asia; a historical and geographical synthesis. L. N. Gumilev. *Nar. Az. i Afr.* no. 4:85-94 '66.

ASIA, SOUTHEASTERN—ECONOMIC CONDITIONS

Akademii nauk SSSR. Institut vostokovedeniia. [South-eastern Asia; sketches of its economy and history] *Iugo-Vostochnaya Azia; ocherki ekonomiki i istorii.* Moskva, Izd-vo vostochnoi lit-ry, 1958. 173 p. (HU-EWC)

ASIA, SOUTHEASTERN—POLITICS

Lavrishev, A. A. [Southeast Asia and the intrigues of the imperialists] *Iugo-Vostochnaya Azia i protski imperialistov.* Moskva, Znanie, 1966. 31 p. (Biblioteka "U politicheskoi karty mira," no. 7)

"Unite and rule!" A. Kusimov. *Az. i Afr. seg.* 10 no. 8: 29-30 Ag '66.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIA MINOR—CITIES AND TOWNS

Civil and property rights in the Hellenistic cities of Asia Minor. I. S. Sventitskaia. *Vest. drev. ist.* no. 2: 45-53 '66.

ASIA MINOR—SECTS

Worshipping the devil. R. Kerim-Zade. *Az. i Afr. seg.* 10 no. 8:20-30 Ag '66.

ASPERGILLUS—CULTURES AND CULTURE MEDIA

Studying some biochemical indices of mycelium of fungus *Aspergillus niger*. V. I. Smirnov, V. P. Chubova. *Mikrobiol. prots. v pochv. Mold.* no. 2:68-61 '66.

Studying some enzymes produced by fungus *Aspergillus niger* in submerged culture. V. I. Smirnov. *Mikrobiol. prots. v pochv. Mold.* no. 2:60-67 '66.

ASPHALTENES

Effect of gas saturation of oil on the asphaltene content in it. L. L. Markhasin, I. M. Abezgauz, F. D. Blazhevich. *Nefteprom. delo* no. 7:29-33 '66.

ASPHYXIA NEONATORUM—COMPLICATIONS AND SEQUELAE

Mental characteristics in children having had asphyxia during birth and resuscitated by means of artificial respiration apparatus. E. M. Mastukova. *Trudy TSU* 81:68-72 '65.

ASPHYXIATING AND POISONOUS GASES see Gases, Asphyxiating and poisonous

ASSEMBLY-LINE METHODS

Applying the theory of mass handling to the analysis of the use of foundry equipment. I. P. Aldokhin. *Lit. prozv.* no. 5:20-22 My '66.

Continuous lines of mass soil analyses at regional agrochemical laboratories. A. N. Orlova, M. N. Tschukov. *Khim. v sel. khoz.* 4 no. 7:47-50 Ji '66.

Methods of the development of technological processes for the assembly of airplane engines. V. I. Zinbarov. *Trudy. Ufim. av. inst.* no. 2:155-182 '66.

Rezvnikov, A. V. [Automatic line in wool spinning] *Polechnye linii v prikladnoi shurnit.* Moskva, Legkaya Industriia, 1966. 234 p.

Ryndich, N. N. [Overall mechanized lines in the production of canned fish] *Kompleksno-mekhanizirovannye linii proizvodstva rybnykh konservov.* Moskva, Plazhizvna promyshlennost', 1966. 173 p.

ASSEMBLY-LINE METHODS—ECONOMIC ASPECTS

Krulkhin, G. A. [Economic effectiveness of production lines] *Ekonomicheskaya effektivnost' polechnykh linii.* [Leningrad] Lentsdat, 1965. 110 p.

ASSEMBLY-LINE METHODS—RELIABILITY

Problems in increasing the reliability of assembly and automatic equipment. K. I. Mutachuk. *Mekh. Proizv. i prozv.* 29 no. 7:47-49 Ji '66.

ASSOCIATION OF IDEAS

Mediated associations of lexemes with concepts in the English. E. M. Varshchagin. *Vop. psichol.* 12 no. 4:115-164 My-Je '66.

ASSOCIATIONS, INSTITUTIONS, ETC.

Sanctions granted by the state for the rules issued by public organizations. N. I. Sokolov. *Sov. gos. i prav.* 36 no. 8:110-114 Ag '66.

TS. A. Iampol'skaya's book "Public organizations and the development of Soviet socialist statehood." (1) *Prilozhenie. Izv. vyz. ucheb. zav. i prav.* 19 no. 1:110-112 '66.

ASSUAN DAM see Aswan Dam

ASTHMA

Adrianova, N. V., and I. S. Gushchina. [Bronchial asthma] *Bronkhial'naya astma.* Moskva, Znanie, 1966. 31 p. (Narodnyi universitet: Fakultet zdrav'ya, no. 14)

Clinical test and evaluation of the therapeutic action of submucosa, a new Soviet preparation with ganglionic blocking effect in patients with bronchial asthma. A. S. Ponomareva, L. D. Shecherbak. *Sov. med.* 29 no. 7:42-53 Ji '66.

ASTRAKHAN—PAPER INDUSTRY

Procurement and processing of reed in the Volga Delta. A. M. Pristupa. *Bum. prom.* no. 6:13-14 Je '66.

ASTRONAUTICS

[Space research] *Ref. zhur.: Issl. kosm. prostr.* no. 7 Ji '66.

ASTRONAUTS

Kuznetsov, N. F. [Countries are waiting for them] *Zhizn' ihi strany.* [Moskva] Molodaii gardia, 1966. 110 p. chitofly illus. (Hovestnik slaznet po planete)

ASTRONOMY—ABSTRACTS

[Astronomy] *Ref. zhur.: Astron.* no. 7 Ji '66.

ASTRONOMY—OBSERVATIONS

Apparatus for determining the differences in the errors made in the observation of fast-moving celestial bodies. V. A. Merkushev. *Trudy NIIGAIR* 10 no. 1: 93-101 '64.

ASTROPHYSICS

"Hot" model of universe. I. A. N. Zel'dovich. *Uspehi. fiz. i 89 no. 4:647-668 Ag '66.*

ASWAN DAM

Ivanov, B. V. [40 centuries and 4 years] *40 vekov i 4 goda.* Moskva, Sovetskaya Rossiia, 1966. 160 p.

ASYLUM, RIGHT OF

Diplomatic sanctuary in international law. L. V. Pavlov. *Vestsi AN BSSR. Ser. prav. nauch.* no. 2:114-120 '66.

ATBASHI RANGE—ROCKS, CRYSTALLINE AND META-MORPHIC

Geological conditions and petrological characteristics of ancient crystalline formations of Atbashi Range (Ten Shan). L. N. Bel'kova, V. N. Ognev. *Vest. LGU* 21 no. 12:5-15 '66.

ATHEISM

"Catholic reformation" in the second half of the 20th century. L. N. Velikovich. *Vop. filos.* 29 no. 7: 143-153 '66.

We should persistently struggle for each man. V. A. Kurbatova. *Bibliot. ta bibl.* no. 2:41-45 '66.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—EXHIBITIONS

Leningrad. Muzei istorii religii i ateizma. [Religion and atheism in the West; guide to the Museum of the History of Religion and Atheism] Religii i ateizma na Zapado; putevoditel' - spravochnik po Muzeu istorii religii i ateizma. Sots. V. L. Andrianova i dr. Moskva, Nauka, 1985. 186 p.

ATHEISM—STUDY AND TEACHING

Developing scientifically based atheism in students. D. P. Plotkina. Uch. zap. MOPI 141:197-223 '63. Interpretation of fictional literature in the atheistic education of students in history classes. I. O. Tkach. Ukr. ist. zhur. 10 no. 8:113-115 Je '66.

ATH LETES

Gavrilin, V. [Special assignment; essays] Osobor zadani; ocherki. Moskva, Izd-vo gazety "Krasnaya zvezda," 1966. 29 p. (Biblioteka "Krasnaya zvezda," no. 12(192))

ATKANSK DISTRICT—WHEAT

Winter crops in crop rotation. V. L. Kilmenko. Zemledele 28 no. 7:43-44 Ji '66.

AT LANTIC OCEAN—SEAWATER—COMPOSITION

Strontium-90 on the surface of the Atlantic Ocean in the second half of 1961. S. A. Pain, A. V. Aleksandrov, V. M. Orlov. Trudy Inst. okean. 82:32-34 '66.

AT LANTIC OCEAN—TRAWLS AND TRAWLING

Shcherba, L. M., and G. D. Staroverov. ["Oreanda" sails to the Atlantic] "Oreanda" ukhodit v Atlantiku. Simferopol', "Krym," 1965. 21 p.

ATMOSPHERE

Calculation of optical characteristics of dispersion systems with narrow distribution. A. I. Pereiman, K. S. Shifrin. Izv. AN SSSR, Fiz. atm. i okean 2 no. 6:606-616 Je '66.

Diffusion of impurity from a point source in the surface layer of the atmosphere. D. L. Jordanov. Izv. AN SSSR, Fiz. atm. i okean 2 no. 6:578-584 Je '66.

Experimental verification of the calculation of short-wave radiation fluxes in the real atmosphere. N. P. Platovskii. Trudy GGO no. 183:48-55 '66.

Gorskoy, G. V., and others. [Natural neutron background of the atmosphere and the earth's crust] Estestvennyi neitronnyi fon atmosfery i zemnoi kory. Moskva, Atomizdat, 1966. 400 p.

Matrices of the scattering of light in the atmospheric surface layer. G. L. Gorchakov. Izv. AN SSSR, Fiz. atm. i okean 2 no. 6:606-605 Je '66.

Normal annual oscillations of atmospheric circulation and their relation to solar activity. V. F. Lashov. Vest. LGU 21 no. 12:115-118 '66.

ATMOSPHERE, UPPER

Cyclicity in the equatorial stratosphere and mesosphere and seasonal changes in the global circulation. A. I. Kats. Meteor. i gidrol. no. 7:13-21 Ji '66.

Statistical characteristics of the ozonosphere. I. A. Shifrin. Izv. AN SSSR, Fiz. atm. i okean 2 no. 6:647-655 Je '66.

ATMOSPHERIC ELECTRICITY

Effect of vegetation cover on the electric properties of an aerial medium. T. G. Koinik. Bul. MOIP, Otd. geol. 41 no. 2: 146 Mr-Apr '66.

Measurements of atmospheric electroconductivity from an airplane. I. V. Krasnopevtsov. Izv. AN SSSR, Fiz. atm. i okean 2 no. 6:636-646 Je '66.

ATMOSPHERIC PRESSURE

Numerical forecasting of surface pressure. V. M. Kaishnikov. Meteor. i gidrol. no. 7:28-32 Ji '66.

Possible climatological frequencies of an oscillating system ocean-atmosphere. R. V. Abramov. Izv. AN SSSR, Fiz. atm. i okean 2 no. 6:664-667 Je '66.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Immunological reactivity of the body under reduced atmospheric pressure in pressure chamber. Report No. 1: Effect of reduced atmospheric pressure on the immunological state in mice with experimental infection caused by typhoid bacilli and Staphylococci. M. R. Krotkova. Zhur. mikrobiol., epid. i immunit. 43 no. 8: 151 Ag '66.

ATMOSPHERIC TEMPERATURE

Variation of outgoing radiation in the carbon dioxide 15 μ absorption band. I. A. Gorchakova, M. S. Malkovich. Izv. AN SSSR, Fiz. atm. i okean 2 no. 6:585-594 Je '66.

ATOMIC BOMB SHELTERS

The simplest shelters against radiation. K. Borodak. Voen. znan. 42 no. 7:29 Ji '66.

ATOMIC ENERGY

Peaceful uses of atomic energy as demonstrated at the Polytechnic Museum. Atom. energ. 21 no. 1:74-76 Ji '66.

ATOMIC NUCLEI see Nucleol, Atomic

ATOMIC POWER PLANTS

Stability of a nuclear power plant with circulating fuel. V. D. Goriachenko. Atom. energ. 21 no. 1:3-6 Ji '66.

ATOMIC SUBMARINES

Around the world in atomic submarines. G. Sayichev. Voen. znan. 42 no. 7:10-11 Ji '66.

ATOMIC WARFARE—DEFENSE MEASURES

Contamination has been detected. A. Semenov. Voen. znan. 42 no. 8:23 Ag '66.

Instruction of detachments (to be concluded). A. Strigin. Voen. znan. 42 no. 7:26-28 Ji '66.

Instruction of detachments. A. Strigin. Voen. znan. 42 no. 8:28-29 Ag '66.

ATOMIC WEAPONS—INTERNATIONAL CONTROL

Meetings in Japan. F. Zakharov. Nov. vrem. 24 no. 35:26-27 Ag '66.

A shield against radioactivity. I. Sakharov. Voen. znan. 42 no. 7:30 Ji '66.

ATOMISM

Kuznetsov, B. G. [Outline of physical atomism of 20th century] Ocherki fizicheskoi atomistiki XX veka. Moskva, Nauka, 1966. 190 p.

ATOMIZATION

Utilization of the available pressure head in centrifugal atomizers. M. I. Moroshkin. Izv. vya. ucheb. zav.; energ. 9 no. 7:121-123 Ji '66.

ATTACHMENT AND GARNISHMENT

Marshal of the court. A. Kapustin. Sots. zakon. no. 5: 52-54 My '66.

ATTACK AND DEFENSE (MILITARY SCIENCE)

Turehenko, V. V., and M. V. Fedulov. [Defense measures during attack] Oboronitel'nye deystviya v khode nastupleniya. Moskva, Voenizdat, 1966. 185 p.

AUDITING AND INSPECTION

Checking correct utilization of capital assets. I. Kuznetsov. Fin. SSSR 40 no. 7:57-71 Ji '66.

Demblinski, M. U., and M. Z. Kaufman. [Economic analyses as means of increasing profitability of enterprises] Ekonomicheskiy analiz - sredstvo povysheniya rentabel'nosti predpriyemstva. Minsk, Belarus', 1966. 22 p. (U dapanomu vyvuchekhym ekonomiku, no. 6)

Important for business. E. Polovnikov. Den. i kred. 24 no. 7:62-63 Ji '66.

Pressing problems of the course in the "Economic analysis of the operations of industrial enterprises." N. Demblinski, M. Kaufman. Bukh. uchot. no. 5:27-30 Je '66.

AUKS (BIRDS)

Some characteristics of the acoustic apparatus in auks and the acoustic environment of their colonies. N. N. Kartashev, V. D. D'ichev. Nauch. dokl. vyz. shkoly; biol. nauki 9 no. 3:36-43 '66.

AUSTRALIA—ECONOMIC GEOGRAPHY—MAPS

Novoe vremia. [Atlas of "Novoe vremia"; supplement to journal "Novoe vremia"] Atlas Novogo vremeni; prilozhenie k zhurnalu "Novoe vremia." No. 2. [24 maps of Asia, Australian and Oceanian countries] 24 karty stran Azii, Avstralii i Okeanii. [a. p. 1965] 48 p.

AUSTRALIA—MARITIME LAW

Decisions of Australian courts. Sbor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 3:56-57 '66.

AUSTRALIA—RELATIONS (MILITARY) WITH SOUTH VIETNAM

"Died in South Vietnam." L. Korneev. Az. i Afr. seg. 10 no. 8:30-32 Ag '66.

AUSTRIA—HISTORY

Policy of Karl Renner Government in regard to food supply during Revolution of 1918. O. T. Prokopchuk. Pyl. nov. i novit. let. no. 2:82-88 '65.

AUSTRIA—POLITICS AND GOVERNMENT

Troubled summer in Austria. Nov. vrem. 24 no. 37: 14-15 S '66.

AUTHORS—CONGRESSES

Writers meet in Baku. D. Vol'skii. Nov. vrem. 24 no. 37:5-7 S '66.

AUTHORS—CORRESPONDENCE, REMNESCENCES, ETC.

Hryhor'iev, Hryhor'ii. [This is what I saw; reminiscences] Shcho buio, to bachi; spohady. Kyiv, Radnaya kny pys'mennyk, 1966. 328 p.

Libedinskaya, L. B. [Green lamp; recollections] Zel'naya lampka; vospominaniya. Moskva, Sovetskii pisatel', 1966. 406 p.

Shklovskii, V. B. [Once upon a time; reminiscences, memoirs, tales of the time from the end of the 19th century to 1961] Zhili-byli; vospominaniya, marnarye zapisi, povesti o vremeni s kontsa XIX v. po 1961 g. Moskva, Sovetskii pisatel', 1966. 550 p.

AUTHORS, GEORGIAN—CORRESPONDENCE, REMNESCENCES, ETC.

Lealidze, G. N. [The magic tree; recollections of childhood years. Translated from the Georgian] Volshebnoe derevo; vospominaniya detskikh let. Moskva, Sovetskii pisatel', 1965. 281 p. (NNC)

AUTOMATA

Analysis of automata using computers. Kh'lugo Daniel Skolnik. Izv. AN SSSR, Tekh. kib. no. 3:111-112 My-Je '66.

Behavior of some classes of stochastic automata in a random media. N. P. Kandelaki, G. N. TSertsvadze. Avtom. i telem. no. 6:115-119 '66.

Determination of the characteristics of probability automata with feedback. V. I. Levin. Izv. AN SSSR, Tekh. kib. no. 3:107-110 My-Je '66.

Method for constructing optimal media for nonstable automata. E. M. Valsbord, G. Sh. Rozenshteyn. Izv. AN SSSR, Tekh. kib. no. 2:45-48 Mr-Apr '66.

Method for setting automata. E. N. Vaylov, L. P. Lobanov. Izv. AN SSSR, Tekh. kib. no. 3:113-125 My-Je '66.

Teaching of an automaton extremal imitation. V. N. Vapnik, A. I. A. Chervonenkis. Avtom. i telem. no. 6:120-132 '66.

AUTOMATIC CONTROL

Absolute stability of a class of control systems with a distributed unit. V. A. Brasin. Izv. vyz. ucheb. zav.; radiofiz. 9 no. 4:810-816 '66.

Accuracy of control systems optimum in response time. M. A. Bnbikov, I. U. M. -L. Kostukovskii. Izv. AN SSSR, Tekh. kib. no. 2:161-165 Mr-Apr '66.

Adequate conditions for statistical stability of motion. A. A. Krasovskii. Izv. AN SSSR, Tekh. kib. no. 2:106-113 Mr-Apr '66.

Akademii nauk Moldavskoi SSR. Otdel energeticheskoi kibernetiki. [Problems of control systems theory] Voprosy teorii upravleniya sistemami. Kishinev, 1965. 114 p.

Asymptotic stability of optimal filters. S. P. Dmitriev, G. I. Dolgintseva, A. A. Ignatov. Avtom. i telem. no. 6:50-60 '66.

Automatic compensation of eddy current instrument errors. G. M. Kukhtevich. Trudy Dnepr. inst. cher. met. 18:185-199 '65.

Automatic control of an object with pure delay of the controller with reversible parameters. E. K. Shigin. Avtom. i telem. no. 6:72-81 '66.

Automatic regulation of combustion in boilers. S. R. Raikhmán. Energ. i elek. no. 3:26-28 My-Je '66.

Automatic storage of packed place goods. G. P. Grinevich, A. T. Kalitukhian. Mekh. i avtom. prozv. 20 no. 7:0-12 Ji '66.

Autonomy in multiply-connected systems of automatic control of variable structure. B. N. Petrov, S. V. Emel'yanov, M. B. Gritsenko. Dokl. AN SSSR 160 no. 1:52-54 Ji '66.

Basic trends in the automation of the lumbering industry. G. A. Vukic. Izv. vyz. ucheb. zav.; les. zhur. 9 no. 3: 3-7 '66.

Construction of reproduction systems with a high degree of astutism. V. D. Vershinin. Avtom. i telem. no. 6: 200-203 '66.

Construction of tests for logical circuits consisting of single-function elements. B. B. Bulanov, S. M. Domantakii, V. M. Ozerot. Izv. AN SSSR, Tekh. kib. no. 2: 88-93 Mr-Apr '66.

Control of industrial objects according to their statistical parameters. B. P. Brudnyi. Izv. AN SSSR, Tekh. kib. no. 2:10-31 Mr-Apr '66.

Design of nonsteady state automatic control systems using the "frozen" reactions method. V. A. Besekerskii, G. I. Vanlurikhin, A. N. Gernshteyn. Izv. AN SSSR, Tekh. kib. no. 2:108-208 Mr-Apr '66.

Determination of an optimal system using the criterion of the maximum probability of coincidence. B. E. Rudnitskii. Izv. AN SSSR, Tekh. kib. no. 2:121-126 Mr-Apr '66.

Digital indicator with information filling in modular form. V. S. Sobko. Mekh. i avtom. upr. no. 3:15-17 My-Je '66.

Distributed reception of information with fluctuation of object parameters. V. I. Volkovich. Izv. AN SSSR, Tekh. kib. no. 2:114-120 Mr-Apr '66.

Dynamic characteristics of the main drive of continuous rolling mills. S. N. Kozhevnikov, O. N. Kukushkin. Trudy Dnepr. inst. cher. met. 18:112-118 '65.

Effect of flying shear control parameters on the accuracy of cut lengths. S. N. Kozhevnikov, V. M. Loboda. Trudy Dnepr. inst. cher. met. 19:163-172 '65.

AUTOMATIC CONTROL (Continued)

- Egorov, K.V.** [Optimal and self-tuning automatic systems] Optimal'nye i samonastroyivayushchiesya sistemy avtomatiki. Cheboksary, Chuvashskiy gos. univ., 1965. 39 p.
- Evaluation of the relative root-mean-square error of the realization of linear operators using a digital computer. V.G. Gusev. *Avtom. i telemekh.* no. 6:82-85 '66.
- Evaluation of the threshold values of the detuning of the tracking channels of two-coordinate angle follow-up systems. I.V. Novozhilov. *Izv. AN SSSR, Tekhn. kbn.* no. 2:189-193 Mr-Apr '66.
- From instruments to control systems. K. Rudnev. *NTO* 8 no. 6:1-3 Je '66.
- Indirect method for obtaining missing information on the position of a regulated system in phase space. M.A. Babukov, I.U. M., L. Kostukovskii. *Izv. AN SSSR, Tekhn. kbn.* no. 3:150-152 My-Je '66.
- Inertialless electronic device with regulated coefficient of amplification. E.A. Sankovskii, V.V. Kruglikov. *Mekh. i avtom. upr.* no. 3:31-33 My-Je '66.
- Litinskii, S.A.** [Automatic devices on a tractor] Avtomaty na traktore. Moskva, Znanie, 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoz. i stroitel'stvo, no. 13)
- Method for sequential synthesis of control optimum in response time. I.A. A. Bedrov. *Izv. AN SSSR, Tekhn. kbn.* no. 2:156-160 Mr-Apr '66.
- Method for stabilizing unstable nonlinear automatic control systems. T.B. Kozinets. *Avtom. i telemekh.* no. 6:22-26 '66.
- Method for the synthesis of automatic systems with digital correcting units. E.A. Kuz'min, N.I. Sitko. *Izv. AN SSSR, Tekhn. kbn.* no. 3:180-188 My-Je '66.
- Method of control in optimal followup problem. B.L. Mintsbert. *Mekh. i avtom. upr.* no. 3:172-174 My-Je '66.
- Modification of a method for combining derivatives. S. Bingulara. *Avtom. i telemekh.* no. 6:143-148 '66.
- More attention to automatic control in fire prevention. R. Muradjan. *Prom. Arm.* 9 no. 5: 9-11 My '66.
- Moslagina, M.S., and V.B. Preobrazhenskii.** [Devices and means for automatic measurement of length dimensions] Pribory i sredstva avtomatizatsii izmereniy dlin i razmerov. Moskva, TsNPI, 1965. 34 p. (Obzor otechestvennykh i inostrannykh izobretenii) [MICROFILM]
- Nikolaev, V.N., I.U. V. Razumov, and N.N. Aleksandrov.** [Control of the operation of marine power plants] Kontrol' raboty sudovykh energeticheskikh ustanovok. Pod obshchey red. V.I. Nikolaeva. Leningrad, Sudostroenie.
- Pt. 2. [Control methods and apparatus] Metody i pribory kontrolla. 1966. 366 p.
- Optimal algorithm of optimizing control with presence of noise at the input and output of the system. E.A. Mozgovaia. *Izv. AN SSSR, Tekhn. kbn.* no. 3:153-156 My-Je '66.
- Optimal control of a regulated monotonously rising random process. E.I.U. Barzilovich. *Izv. AN SSSR, Tekhn. kbn.* no. 3:144-149 My-Je '66.
- Optimal control of stochastic systems. I.U. I. Paraev. *Avtom. i telemekh.* no. 6:61-71 '66.
- Optimal system with regulated feedback. V.M. Aleksandrov, A.A. Nesterov. *Izv. AN SSSR, Tekhn. kbn.* no. 2: 166-172 Mr-Apr '66.
- Optimal systems with limited root-mean-square error. I.A. Poletaeva. *Avtom. i telemekh.* no. 6:5-21 '66.
- Optimization of a rectification process in disk columns. I.V. Anisimov, A.E. Vlasov, V.B. Pokrovskii. *Avtom. i telemekh.* no. 6:178-187 '66.
- Optimization of complex chemical plants. G.M. Ostrovskii. *Izv. AN SSSR, Tekhn. kbn.* no. 3:71-79 My-Je '66.
- Problem of the optimization of processes in objects with closed cycles. B.A. Arefev. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 4:817-823 '66.
- Requirements of a rapid-action power drive for loop regulating systems on continuous mills. *Trudy Dnepr. inst. cher. met.* 19:103-111 '65.
- Selecting efficient conditions of rolling for automatically controlled slabbing mills. A.N. Lenskii, P.A. Skichko, V.I. Bol'shakov. *Trudy Dnepr. inst. cher. met.* 19: 44-52 '65.
- Selection of the principal parameters of multichannel digital controllers. T.M. Aleksandridi. *Avtom. i telemekh.* no. 6:133-142 '66.
- Sensitivity matrix and its simulation. P.V. Kokotovich, R.S. Rutman. *Avtom. i telemekh.* no. 6:149-163 '66.
- Shenbrot, I.M.** [Machines for centralized control] Mashiny tsentralizovannogo kontrolla. Moskva, Energiia, 1966. 191 p. (Biblioteka po avtomatike, no. 187)
- Sholjak, V.A., and V.N. Uziuk.** [Automatic control and regulation of production using nuclear radiation] Avtomaticheskii kontrol' i regulirovaniye proizvodstvennykh protsessov s primeneniem iadennykh izlucheni. Moskva, Atomizdat, 1966. 147 p.
- Solution of some optimal problems of nonlinear automatic control systems. V.F. Dem'yanov, S.K. Myshkov. *Izv. AN SSSR, Tekhn. kbn.* no. 2:148-155 Mr-Apr '66.
- Stability in the large of the trivial solution of equations with deflecting argument. E.F. Sabaev. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 3:637-639 '66.
- Statistical analysis of systems with ambiguous nonlinearities. I.E. Kazakov. *Izv. AN SSSR, Tekhn. kbn.* no. 3:164-171 My-Je '66.
- Study of transient processes of linear automatic control systems. D.I. Mar'ianovskii. *Avtom. i telemekh.* no. 6:37-49 '66.
- Suevalov, L.F.** [Self-adjusting systems in ship automation] Samonastroyivayushchiesya sistemy v sudovoi avtomatike. Leningrad, Sudostroenie, 1966. 236 p.
- Synthesis of control systems with minimal complexity. V.V. Solodovnikov, V.L. Lenskii. *Izv. AN SSSR, Tekhn. kbn.* no. 2:11-18 Mr-Apr '66.
- Synthesis of informational systems with indirect action. V.I.A. Rolach, M.B. Khadzhiakii. *Izv. AN SSSR, Tekhn. kbn.* no. 3:157-163 My-Je '66.
- Synthesis of linear steady-state systems with given accuracy of the transformation of the useful signal. B.Z. Sokolov. *Izv. AN SSSR, Tekhn. kbn.* no. 3:180-182 My-Je '66.
- Synthesis of optimal control for a second-order system with limitations in phase coordinates and control. L.M. Kozlov, I.U. I. Kupervasser. *Izv. AN SSSR, Tekhn. kbn.* no. 3:172-179 My-Je '66.
- Systems with variable structure, using in the control law continuous differences. A.V. Bakakin, V.A. Tarann. *Izv. AN SSSR, Tekhn. kbn.* no. 2:173-179 Mr-Apr '66.
- Two-channel automatic control systems with crossed links. A.G. Barskii. *Avtom. i telemekh.* no. 6:27-36 '66.
- Universal module for constructing logical circuits for automatic control systems. B.K. Borisov, P.I. Popov. *Elektrichestvo* no. 7:52-55 Ji '66.
- Use of information systems in hydrolysis plants. A.I. Finkel'. *Mekh. i avtom. upr.* no. 3:1-3 My-Je '66.
- Working out and studying the methods for the valuation of full-length logs and logs in the system of the automatic control of bucking units. V.S. Petroskii. *Izv. vys. ucheb. zav. i les. zhur.* 9 no. 3:182-188 '66.
- Zubov, V.I.** [Theory of optimum control of ships and other mobile objects] Teoriya optimal'nogo upravleniya sudnom i drugimi podvizhnymi ob'ektami. Leningrad, Sudostroenie, 1966. 351 p.

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref. zhur.: *Avtom. i telemekh. i vych. tekhn.* no. 7 Ji '66.

AUTOMATIC CONTROL—DICTIONARIES

[EKA; encyclopedia of measurements, control, and automation] EKA; ensiklopediya izmerenii, kontrolla i avtomatizatsii. Moskva, Energiia.

No. 6. 1966. 83 p.

AUTOMATIC TIMERS

Electronic timer-calibrator. I.U. I. Simonenkov, S.A. Khvalovskii. *Bul. tekhn. i ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform.* 19 no. 6:39 Je '66.

AUTOMATION

At the by-product coke plant of the Novotagil'skii Metallurgical Combine. M. Pushin. *Koks i khim.* no. 5:83 '66.

At the Cherepovets Metallurgical Plant. I.E. Kind. *Koks i khim.* no. 5:83 '66.

[Automation of mine hoisting equipment] Avtomatizatsiya shakhtnykh podzemnykh ustanovok. [By] L.G. Mel'kumov i dr. Moskva, Nedra, 1966. 230 p.

Chochiev, R.I. [Influence of production automation on the nature of workers' labor] Vliyanie avtomatizatsii proizvodstva na kharakter truda rabochikh. Moskva, Mysl', 1966. 84 p.

Dikil, B.F., and A.F. Fan-Iung. [Automation of the canning industry] Avtomatizatsiya konservnogo proizvodstva. Moskva, Pishchevaia promyshlennost', 1966. 340 p.

Gimel'shain, I.A. [Electrician servicing automatic installations] Elektritsian po obsluzhivaniyu avtomaticheskikh ustanovok. Moskva, Nedra, 1966. 274 p.

Improving the quality of machine-tool hydraulic systems and of the productivity of automatic line. I.U. E. Travkin. *Bul. tekhn. i ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform.* 19 no. 6:5-7 Je '66.

Increasing the reliability of automatic mining equipment. L.G. Mel'kumov, V.B. Glazhkov. *Mekh. i avtom. proizvod.* 20 no. 7:50-52 Ji '66.

Isaev, K.S., ed. [Principles of the automation of transportation construction] Osnovy avtomatizatsii transportnogo stroitel'stva. [By] K.S. Isaev i dr. Moskva, Transport, 1966. 278 p.

Ivanov, Energeticheskii institut. [Improvement and automation of industrial electric drives and electric units] Usovshchestvovanie i avtomatizatsiya promyshlennykh elektropriivodov i elektrostanoikov; tematische skil sbornik. Iaroslavl', 1965. 126 p.

Kapustin, I.I., and I.I. Galynker. [Automatic machines and lines in the clothing and shoe industries] Mashiny-avtomaty i avtomaticheskie lini v shveimom i obuivnom proizvodstvakh. Moskva, Legkaiia industriia, 1966. 421 p.

AUTOMATION—COSTS

Analyzing the economic efficiency of automation and mechanization in machine shops. V.A. Zakharenko, E.M. Nekrich. *Mekh. i avtom. proizvod.* 20 no. 7:42-44 Ji '66.

AUTOMOBILE INDUSTRY see subdivision under *Machinery*

AUTOMOBILE INDUSTRY—ACCOUNTING see subdivision under *Gorky*

AUTOMORPHIC FUNCTIONS see *Functions, Automatic*

AUTOMOTIVE TRANSPORTATION see *Transportation, Automotive*

AUTONOMIC NERVOUS SYSTEM see *Nervous system, Autonomic*

AUTOPSY

Changes in blood in region of liver mortis following violent and sudden death. S.N. Bakulov. *Sud.-med. eksp.* 9 no. 3:3-6 Ji-S '66.

Detection of nitrile acid in biological material by means of iodine-lanthanum reaction. L.I. Gol'kova. *Sud.-med. eksp.* 9 no. 3:46-47 Ji-S '66.

Detection of circulatory disorders in heart by injection of India ink with gelatin into coronary vessels. A.M. Golubev, M.S. Brunahten. *Sud.-med. eksp.* 9 no. 1: 62-65 Ji-S '66.

Isolation, detection, and determination of chlorophyll in endovascular matter. A.F. Fartunlyi. *Sud.-med. eksp.* 9 no. 3:37-44 Ji-S '66.

AUTUNITE—ANALYSES

Presence of U⁴⁺ in the composition of autunite. I.M. Belova, B.V. Timofeev. *Izv. AN SSSR, Ser. geol.* 5 no. 7:39-47 Ji '66.

AVADEK

Carbide and avadek. I.M. Kulashova. *Zemledele. i zhur.* 43 no. 5:53-54 My '66.

AVITAMINOSIS see *Deficiency diseases*

AXIOMS

Some remarks on nonelementarily-axiomatized classes. S.R. Kojalovskii. *Mat. zap. Ural. mat. obshch. Dnepr.* 5 no. 1:54-60 '66.

AZERBAIJAN—CARDIOLOGICAL SOCIETIES

Results of the Constituent Conference of Cardiologists of the Azerbaijan S.S.R. G.M. Ibrazada. *Azerb. med. zhur.* 43 no. 5:187-190 My '66.

AZERBAIJAN—CARDIOLOGY—CONGRESSES

Results of the Constituent Conference of Cardiologists of the Azerbaijan S.S.R. G.M. Ibrazada. *Azerb. med. zhur.* 43 no. 5:187-190 My '66.

AZERBAIJAN—COMMUNIST PARTY OF THE SOVIET UNION

The establishment and work of the "Azimpart" (the Bureau of the Institute of the History of the Communist Party in Azerbaijan), 1921-1928. V.F. Alibekova. *Vop. ist. KPSS* 10 no. 6:63-72 Ag '66.

AZERBAIJAN—DRILLING MUDS

Experience in using potassium methacrylate in drilling wells in oil-bearing areas of Kura Lowland and Bakubulak. G.I.A. Dadashova and others. *Azerb. med. zhur.* 43 no. 6:22-23 Ag '66.

AZERBAIJAN—EVIDENCE, EXPERT

Evaluate critically the conclusions of expert testimony. A. Aliev. *Sots. zakon.* no. 5:57-58 My '66.

AZERBAIJAN—HAWTHORN

Comparative anatomical study of secondary system in some species of the genus *Crataegus* L. Z.A. Narvazova. *Trudy Inst. bot. AN Azerb. SSR* 24:27-35 '64.

AZERBAIJAN—LICHENS

Lichens of the family *Dormatocarpaceae* in Azerbaijan. Sh.O. Barkhalov. *Trudy Inst. bot. AN Azerb. SSR* 24: 15-26 '64.

AZERBAIJAN—OIL WELL DRILLING

Causes of diamond drilling difficulties. A.D. Atabekov, N.N. Mamedov. *Burole* no. 7:6-11 '66.

AZERBAIJAN—OIL WELL DRILLING, ELECTRIC

Combating failure in drilling with electric drills. M.V. Sadykhov, N.G. Dadashova. *Burole* no. 7:5-6 '66.

AZERBAIJAN—PETROLEUM PRODUCTION, THERMAL

Results of the thermal treatment of a well bottom zone in fields of the Oil Field Administration of the Islamic Petroleum Trust. A.S. Bakhtiarov and others. *Neftprom.* data no. 6:22-25 '66.

Thermal treatment of well bottom zones in fields of Azerbaijan. I.M. Dzhamaev. *Neftprom.* data no. 6:18-19 '66.

AZERBAIJAN—PYRETHRUM

Methods of growing *Pyrethrum cinerarifolium* in Azerbaijan. M.A. Razimov. *Trudy Inst. bot. AN Azerb. SSR* 24:66-77 '64.

AZERBAIJAN—STERILITY

Materials for the study of sterile marriages in Azerbaijan. T. D. Mekhtieva. Azerb. med. zhur. 43 no. 5:47-51 May '66.

AZERBAIJAN—WORMWOOD

Correlation between the accumulation of alkaloids, essential oils, and lactones in wormwoods. N. M. Ismailov, R. M. Abbasov. Trudy Inst. bot. AN Azerb. SSR 24:57-65 '64.

AZO COMPOUNDS

Highly unsaturated polymers. Report No. 18: Electron paramagnetic resonance spectra of polyazo polyarenes. N. M. Bazhin and others. Izv. AN SSSR, Ser. Khim. no. 7:1154-1159 '66.

AZOTOBACTER

Regularity in distribution of Azotobacter in various subtypes of Moldavian Chernozems. V. I. Sabel'nikova. Mikrobiol. prots. v pochv. Mold. no. 2:29-41 '65.

AZOTOBACTER—CULTURES AND CULTURE MEDIA

Determination of some Azotobacter species by fluorometric method. Zh. S. Melkonian, A. V. Kirakosian, M. M. Karapetian. Biol. zhur. Arm. 19 no. 6:39-49 Je '66.

BABINGTONITE see subdivision under Sayan Mountains

BACTERIA, AEROBIC

Variant of *Bacillus thuringiensis* Berliner, pathogenic to Colorado beetle *Leptinotarsa decemlineata* Say. V. P. Prystavko. Dop. AN URSR no. 7:958-961 '66.

BACTERIA, HETEROTROPHIC—CULTURES AND CULTURE MEDIA

Regulation of synthesis of amination enzymes in *Bacillus brevis* GB by ammonium ions. S. V. Shestakov, V. D. Pilyppov. Dokl. AN SSSR 169 no. 3:705-708 Ji '66.

BACTERIA, PHYTOPATHOGENIC

Measures for protecting cucumbers from bacteriosis in outdoor growing. M. A. Darozhkin, A. A. Sapagova. Vestn. AN BSSR. Ser. sel'khoz. nav. no. 2:74-77 '66.

Modern state of the taxonomy of phytopathogenic bacteria. M. V. Gorlenko. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:3-7 Mr-Apr '66.

BACTERIAL WARFARE—DEFENSE MEASURES

All participants. A. Miasenkov. Voen. znan. 42 no. 7: 32 Ji '66.

BACTERICIDES

Bactericidal activity of acid tar in some microorganisms. T. M. Meibolteva. Zhur. mikrobiol., epid. i immun. 43 no. 8:145 Ag '66.

Bactericidal effect of natural human gastric juice on typhoid and paratyphoid bacilli resistant to syntomycin. K. G. Elchanchik. Sbor. nauch. trud. SOGMI no. 11:135-138 '64.

Effect of human gastric juice on dysentery bacilli resistant and sensitive to syntomycin. Z. N. Dzhanayeva. Sbor. nauch. trud. SOGMI no. 11:139-145 '64.

Effect of poisons on the development of some aerobic and anaerobic bacteria. I. T. Nette, M. I. Tshibul'skaya, G. A. Shiroshova. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:62-66 Mr-Apr '66.

Search for bactericide preparations in the series of organophosphorus compounds. L. P. Divinskaya and others. Zhur. ob. khim. 36 no. 7:1244-1246 Ji '66.

Synthesis and structural and bactericidal activity of amino sulfamide derivatives of naphthalene. V. I. Blyznukov, V. P. Shuchina. Farmats. zhur. 20 [L. e. 21] no. 4:6-13 '66.

BACTERIOPHAGE

Answer to V. P. Paribok's letter. G. E. Fradkin. Radiobiologiya 0 no. 4:638-637 '66.

Effect of antisera reacting with DNA to the manifestation of the infectious activity of single-strand DNA of the 147 phage. V. D. Timakov. Zhur. mikrobiol., epid. i immun. 43 no. 7:47-51 Ji '66.

G. E. Fradkin's logical errors in determining radiosensitivity of the "controlling" and "programming" mechanism of phage genome. V. P. Paribok. Radiobiologiya 0 no. 4:635-636 '66.

Lysogeny of phage-resistant *Actinomyces erythreus* strains, obtained by means of mutagens. M. V. Torosian. Genetika no. 4:130-135 Ap '66.

Methodology of the obtaining of active antiphage sera. M. K. Sheglova. Zhur. mikrobiol., epid. i immun. 43 no. 8:26-30 Ag '66.

Nature of alkali producers of the intestinal group of bacteria. K. D. Rybakova. Biol. eksp. biol. i med. 61 no. 4:108-109 Ap '66.

Phage-resistant *Actinomyces erythreus* mutants, induced by various mutagens. M. V. Torosian. Genetika no. 4:123-129 Ap '66.

Phage typing of *Rhinoscleroma bacillus* and its epidemiological significance. A. P. Krasil'nikov, N. A. Izrael'skiy. Zhur. mikrobiol., epid. i immun. 43 no. 7:32-36 Ji '66.

Properties of *Salmonella gallinarum* and *Salmonella typhimurium* infected by the moderate M phage. V. V. Pospelova. Zhur. mikrobiol., epid. i immun. 43 no. 7: 70-73 Ji '66.

Relationship between the phage types of pathogenic staphylococci and the lytic spectra of endogenic phages acting upon them and of induced phages; on the problem of the so-called antiphage immunity. E. M. Paderina. Zhur. mikrobiol., epid. i immun. 43 no. 7: 112-118 Ji '66.

Sensitivity of phage titre growth reaction. D. M. Gol'dfarb, V. N. Kuznetsova, G. D. Serov. Zhur. mikrobiol., epid. i immun. 43 no. 8:91-94 Ag '66.

Study of the effect of cosmic radiation and other factors of space flight on lysogenic bacteria and human cells in culture. N. N. Zhukov-Verezhnikov and others. Izv. AN SSSR, Ser. biol. 31 no. 4:502-503 Ji-Ag '66.

BACTERIOVIRIDIN

Possible pathways of biosynthesis of bacterioviridin (chlorobium-chlorophyll). T. N. Godnev, E. N. Kondrat'eva, V. E. Usupenskaya. Izv. AN SSSR, Ser. biol. 31 no. 4:525-531 Ji-Ag '66.

BACTRIAN ARMS AND ARMOR see Arms and armor, Bactrian

BAHUSHEVICH, FRANTSISHAK, 1840-1900

Frantsishak Bahushevich in St. Petersburg and the Ukraine. U. M. Kazharuk. Vestn. AN BSSR, Ser. hram. nav. no. 2:63-69 '66.

BAIKAL, LAKE—LIMNOLOGY

Rosolimo, L. L. Baikal. Moskva, Nauka, 1966. 162 p. (Nauchno-popularnaya seriya)

BAIKAL, LAKE—PHYTOPLANKTON

Comparative characteristics of the developmental phytoplankton levels in the pelagic and shallow zones of Lake Baikal. G. I. Popovskaya. Izv. SO AN SSSR no. 4: Ser. biol.-med. nauk no. 1:108-115 '66.

BAIKAL, LAKE—WATER—COMPOSITION

Effect of the Selenga River on the chemical composition of soil solutions of Lake Baikal. I. B. Mizandrontsev. Dokl. AN SSSR 168 no. 5:1173-1176 Je '66.

BAIKAL LAKE REGION—ALGAE, FOSSIL

Oncolithlike formation in the Upper Archean formations of the Lake Baikal region. I. U. Z. Elizar'ev. Dokl. AN SSSR 169 no. 1:170-172 Ji '66.

BAIKAL LAKE REGION—EARTH—SURFACE

Gravily anomalies in the Graaff-Hunter's reduction and isostatic state of the earth's crust in Transbaikalia. A. V. Ladygina. Geol. i geofiz. no. 3:113-120 '66.

BAIKAL LAKE REGION—FISHES—DISEASES AND PESTS

Parasites and diseases of herring and grayling in natural and artificial bodies of water in the Baikal basin. V. V. Cherepanov. Izv. SO AN SSSR no. 4: Ser. biol.-med. nauk no. 1:116-119 '66.

BAIKAL LAKE REGION—FORESTS AND FORESTRY

Birch forests of the Baikal Lake region and their place in the dynamics of forest vegetation. A. V. Smirnov. Izv. SO AN SSSR no. 4: Ser. biol.-med. nauk no. 1:14-20 '66.

BAIKAL LAKE REGION—GAS, NATURAL—GEOLOGY

Tectonics and prospects for finding oil and gas in the Berezovo depression of the cis-Baikal region. D. K. Gornstein. Geol. i geofiz. no. 3:42-49 '66.

BAIKAL LAKE REGION—GEOLOGY, STRUCTURAL

Deep structure of the basin of Lake Baikal, based on geophysical data. I. U. Z. Zorin. Izv. AN SSSR, Ser. geol. 31 no. 7:75-85 Ji '66.

BAIKAL LAKE REGION—GRAVITY ANOMALIES

Deep structure of the basin of Lake Baikal, based on geophysical data. I. U. Z. Zorin. Izv. AN SSSR, Ser. geol. 31 no. 7:75-85 Ji '66.

BAIKAL LAKE REGION—GRAVITY PROSPECTING

Gravily anomalies in the Graaff-Hunter's reduction and isostatic state of the earth's crust in Transbaikalia. A. V. Ladygina. Geol. i geofiz. no. 3:113-120 '66.

BAIKAL LAKE REGION—MARBLE

Oncolithlike formation in the Upper Archean formations of the Lake Baikal region. I. U. Z. Elizar'ev. Dokl. AN SSSR 169 no. 1:170-172 Ji '66.

BAIKAL LAKE REGION—PETROLEUM GEOLOGY

Tectonics and prospects for finding oil and gas in the Berezovo depression of the cis-Baikal region. D. K. Gornstein. Geol. i geofiz. no. 3:42-49 '66.

BAKERSIES

(see also subdivision under White Russia)

Self-service stores. I. Liberman. Sov. tovg. 39 no. 7:29-31 Ji '66.

BAKING

Zvereva, L. F., and B. I. Chernikov. [Technology and technical chemical control of bread baking] Tekhnologiya i tekhnicheskii kontrol' khibopekarnogo proizvodstva. Moskva, Pishchevaia promyshlennost', 1966. 427 p.

BAKU—KITCHEN UTENSILS

Assortment and profitability. R. Dzhabiev. Fla. SSSR 40 no. 8:16 Ag '66.

BALAKHANY-SABUNCHI-RAMANY OIL FIELD—PETROLEUM—DENSITY

Changes in pools and during development process of physicochemical properties of petroleum in horizon V (Koshanov) in Sub-Kirmaki series (Khorasany) of Balakhany-Sabunchi-Ramany field. A. S. Gadzhikhanumov and others. Azerb. neft. khoz. 45 no. 8:28-30 Ag '66.

BALANCE OF PAYMENTS see subdivision under Underdeveloped Areas

BALANCING OF MACHINERY

Two new methods for eliminating the unbalance of parts. V. A. Bulychev. Izv. vys. uchob. zav. sov. tekh. 9 no. 2: 105-112 '66.

BALEY DISTRICT—BORING

Grouting of boreholes under conditions of aggressive waters and lowered temperature. I. U. S. Kostin. Razved. i otk. nedr. 32 no. 3:28-31 '66.

BALKAR LITERATURE—BIBLIOGRAPHY

Kabardino-Balkar ASSR. Ministerstvo kul'tury. Respublika. Biblioteka. [Writers of Kabardino-Balkaria; bibliobibliographic index] Pisateli Kabardino-Balkaria; bibliobibliograficheskii ukazatel'. Red. A. S. Shumakhova. Nauchik. Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 134 p. (NNC)

BALKHASH DISTRICT—CIVIL DEFENSE—STUDY AND TEACHING

Lack of help is not the point. I. Ignatov. Voen. znan. 42 no. 7:37 Ji '66.

BALLET see subdivision under Armenia

BALLET—STUDY AND TEACHING see subdivision under Lithuania

BALTIC REGION—POLITICS

Pokhlebin, V. V. [The Baltic and the struggle for peace] Baltika i bor'ba za mir. Moskva, Znanie, 1966. 40 p. (Novaya zhizn', nauka, tekhnika. VII Seriya; Mezhdunarodnaya, no. 13)

BALTIC REGION—RURAL PLANNING

Mezhrespublikanskaya nauchno-proizvodstvennaya konferentsiya po voprosam zemel'nogo i pochovoobledovaniya. I geodezi. Vilna, 1963. [Problems of land management, soil study, and surveying in Baltic republics and northwestern provinces of Russian Federation; materials] Voprosy zemleustroistva, pochovoobledovaniya i geodezii v Priialitskikh respublikakh i severo-zapadnykh oblastakh Rossiiskoi Federatsii; materialy. Vilnius, Garezno-zhurnal'noe izd-vo, 1963. 268 p.

BANACH SPACES

Banach function spaces and integral operators. Part I. I. U. Z. Gribanov. Izv. vys. uchob. zav.; mat. no. 4:23-35 '66.

Banach spaces with a J-metric. J-nonnegative operators. I. S. Iokhvidov. Dokl. AN SSSR 169 no. 2:259-261 Ji '66.

Convergence of minimizing sequences in conditional extremum problems. E. S. Levitin, B. T. Poliak. Dokl. AN SSSR 168 no. 5:997-1000 Je '66.

J-nonexpanding operators in Banach space. I. S. Iokhvidov. Dokl. AN SSSR 169 no. 3:519-522 Ji '66.

BANDURA

Memets', Vasily'. [Golden anniversary in the service of the Ukraine. About Cossack bandurists] U zolote 50-riechchia na sluzhbi Ukraini. Pro kozakiv-bandurnykyv. Hollywood, 1961. 381 p. (COW)

BANKS AND BANKING

(see also subdivision under Africa; Chechen-Ingush A. S. S. R.; Kazakhstan; Volgograd Province) Brief information on foreign exchange and banks abroad. Den. i kred. 24 no. 7:91-94 Ji '66.

In the Board of Directors of the State Bank of the U. S. S. R. Den. i kred. 24 no. 7:95-98 Ji '66.

BANKS AND BANKING—ACCOUNTING see subdivision under Kiev Province

BAPTISTS

(see also subdivision under Kuybyshev; Rostov Province; Vinnitsa Province) Basic principles of Evangelical Christianity and Baptists. A. I. Mitkevich. Brat. vest. no. 1:44-55 '66.

- BAPTISTS (Continued)**
Conference of the representatives of parishes in Gorky. V.A. Mityayev. Brat. vest. no. 1:70 '66.
New Year and Christmas message to all parishes of Evangelical Christians and Baptists in the U.S.S.R. Brat. vest. no. 1:3-4 '66.
News from the parishes. Brat. vest. no. 1:70-75 '66.
- BAPTISTS—RELATIONS**
Christmas and New-Year greetings from foreign Christians to the All-Union Council of Evangelical Christians and Baptists. Brat. vest. no. 1:14-23 '66.
Sojourn of a delegation of All-Union Council of Evangelical Christians and Baptists in West Germany. A.V. Karev, K.S. Velichchik. Brat. vest. no. 1:11-14 '66.
- BAR ASSOCIATIONS** see subdivision under Kirovograd Province
- BARABA STEPPE—STREAM MEASUREMENTS**
Novosibirsk. Gosudarstvennyi pedagogicheskiy institut. [Problems in the hydrology of Western Siberia] Voprosy gidrologii Zapadnoi Sibiri. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 61 p.
- BARATYNSKII, EVGENII ABRAMOVICH, 1800-1844**
Frizman, L.G. [Creative path of Baratynskii] Tvorcheski put' Baratynskogo. Moskva, Nauka, 1966. 139 p. (Nauchno-populiarnaya seriya)
- BARBEL (FISH)** see subdivision under Amu Darya
- BARBITURATES**
Detection of barbiturates in the urine. V.I. Lobanov. Lab. delo. no. 5:202-284 '66.
- BARENTS SEA—WORLD WAR, 1939-1945—NAVAL OPERATIONS**
The fiery miles. A. Shabalov. Voen. znaniya. 42 no. 7:14-15 Ji '66.
- BARGUSHAT RANGE—PETROLOGY**
Some petrochemical characteristics of igneous rocks in the northern slope of the Bargushat Range. E.Kh. Gulian. Izv. AN Arm. SSR, Nauka o zem. 19 no. 3:32-44 '66.
- BARITE**
Barite from iron ores of the Krivoy Rog type. N.A. Kornilov. Dokl. AN SSSR 168 no. 5:145-147 Je '66.
- BARIUM-BISMUTH ALLOYS** see Bismuth-barium alloys
- BARLEY—DISEASES AND PESTS**
Pale-green dwarfiness of barley. V. Agarkov. Zashch. rast. 11 no. 7:52-53 '66.
- BARLEY—FERTILIZERS AND MANURES**
Effectiveness of some polymers on barley yield. A.I. Mosolova, E.A. Dmitriev. Vest. Mosk. un. Ser. 6: Biol. pochv. 21 no. 2:93-104 Mr-Apr '66.
- BARS (ENGINEERING)**
Bars and ladders from glass plastics. G.V. Bolubakh and others. Energ. i elek. no. 3:25 My-Je '66.
Theory of collision between rods of equal cross section and similar material with elastic spherical butts. P.M. Alabuzhev, B.N. Stikhanovskii. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:63-68 '66.
- BARS (ENGINEERING)—THERMAL PROPERTIES**
Temperature distribution in a bar in case of temperature fluctuations on its surface. M.A. Bagirov, V.P. Malin, B.P. Nikolaev. Inzh. fiz. zhur. 10 no. 6:794-798 '66.
- BARYONS—DECAY**
Nonleptonic decay of baryons in a static model of SU(6)-symmetry. M.P. Rekalov. Izd. fiz. 4 no. 2:446-448 Ag '66.
- BASE MEASURING**
Using broken bases in carrying out base adjustment operations. A.N. Gridchin. Trudy NIIGAIK 18 no. 1:65-70 '64.
- BASHKIR FOLK MUSIC** see Folk music, Bashkir
- BASHKIRIA—BUDGET**
Give more attention to strengthening revenue base of the Union Republics. M. Bikhulov. Fin. SSSR 40 no. 7: 60-63 Ji '66.
- BASHKIRIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK**
[With the language of visual propaganda] Izaykom nagliadnoi agitatsii. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 93 p.
- BASHKIRIA—CONDENSATE OIL WELLS**
Genik, A.A. [Hydro-sulfuric acid corrosion and measures to prevent it] Serovodorodnaya korrozia i meryye preduprezhdeniya. Moskva, Nedra, 1966. 174 p.
- BASHKIRIA—CONSTRUCTION INDUSTRY—FINANCE**
New rules of financing in operation. V. Konoplia. Fin. SSSR 40 no. 8:54-57 Ag '66.
- BASHKIRIA—GAS, NATURAL—HYDRATES**
Using calcium chloride as an inhibitor of hydrate formation. T.A. Saifeev. Gaz. prom. 11 no. 6:14-15 '66.
- BASHKIRIA—GEOLOGY, STRATIGRAPHIC**
Lashimovich, V.L., and others. [Cenozoic of Bashkirian portion of cis-Ural region] Kainozoi Bashkirskogo Predural'ia. Moskva, Nedra.
Vol. 2. Pt. 2. [Phoscon of Bashkirian portion of cis-Ural region (Kinel' series)] Plotsen Bashkirskogo Predural'ia (Kinel'skaya svita). 1965. 314 p. plates.
- BASHKIRIA—MEDICAL LAWS AND LEGISLATION**
Some problems in the prevention of social risk from mentally ill persons. P.O. Akopjan. Prakt. sudbenno-psikh. ekspert. no. 11:102-107 '66.
- BASHKIRIA—MENTAL ILLNESS**
Some problems in the prevention of social risk from mentally ill persons. P.O. Akopjan. Prakt. sudbenno-psikh. ekspert. no. 11:102-107 '66.
- BASHKIRIA—OIL FIELD BRINES—ANALYSIS**
Control of the advance of water injected into producing layers based on the chemical analysis of water extracted from oil emulsions. E.O. Nedobova. Neftprom. delo no. 5:7-9 '66.
- BASHKIRIA—OIL FIELD FLOODING**
Using surface-active agents for improving the reservoir sweep by edge water drive as exemplified by the Serafinovka group of oil fields. A.R. Marlin. Neftprom. delo no. 7:16-20 '66.
- BASHKIRIA—OIL WELL LOGGING, RADIATION**
Experience in using the gamma-gamma logging method for determining the liquid level and water-oil interface in oil wells. D.A. Shapiro, R.Sh. Khairetdinov. Neftprom. delo no. 7:33-34 '66.
- BASHKIRIA—PETROLEUM PRODUCTION**
Improving oil and gas gathering operations in fields of the Oil Field Administration of the Teymazny Petroleum Trust. N.S. Marlin. Neftprom. delo no. 5:10-21 '66.
- BASHKIRIA—SHOPPING CENTERS**
Trade complexes in the villages of Bashkiria. S. Shukhin. Sov. potrebn. koop. 10 no. 6:17-18 Je '66.
- BASHKIRIA—SOILS—CLASSIFICATION**
Tchichinov, S.N. [Qualitative evaluation of soils; their classification] Kachestvennaya otsenka pochvy; bonitirovka. Moskva, Rossel'khozizdat, 1966. 87 p.
- BATEN'KOV, GAVRIIL STEPANOVICH, 1703-1803**
Kartsov, V.G. [Decembrist G.S. Baten'kov] Dekabrist G.S. Baten'kov. Novosibirsk, Nauka, 1965. 238 p.
- BATS** see subdivision under Transbaikalia
- BATUM—BOTANICAL GARDENS**
Batumi botanicheskiy sad. [Batumi Botanical Garden; a guide] Batumskii botanicheskiy sad; putevoditel'. Tbilisi, Metsnereba, 1966. 108 p.
- BAUXITE**
Relation of the formation of bauxites in geosynclinal areas to the development of reefs and andesite explosive volcanism. A.S. Kalugin. Dokl. AN SSSR 168 no. 6:1374-1376 Je '66.
- BEAMS AND GIRDS—VIBRATION**
Theory of lateral vibrations of an eccentrically prestressed metal beam. V.P. Babil. Prikl. mekh. 2 no. 7:109-118 '66.
- BEANS**
Effect of nitragin on forage bean yield in grey forest soil. N.V. Sergeeva. Mikrobiol. prots. v pochv. Mold. no. 2:62-65 '65.
Effectiveness of using nitragin for vetch, vetchling, and forage beans. N.V. Sergeeva. Mikrobiol. prots. v pochv. Mold. no. 2:67-61 '65.
- BEARING INDUSTRY—MANAGEMENT** see subdivision under Moscow
- BEARING INDUSTRY—PRODUCTION STANDARDS** see subdivision under Moscow
- BEARINGS (MACHINERY)**
Nechiporenko, V.A. [Calculation of the high-speed bearings of ship reduction gear] Raschet vysokoskorostnykh opor sudovykh reduktorov. Leningrad, Sudostroenie, 1966. 148 p.
Repairing bronze sliding bearings by the thermomelting method. N. Vasil'ev, I. Korol'kov. Tekhn. v sel'khoz. 26 no. 6:74-76 Je '66.
Selecting Soviet antifriction bearings. M.N. Dinev. Stand. i kach. 30 no. 3:73 Mr '66.
- BEARINGS (MACHINERY)—MAINTENANCE AND REPAIR**
Using a manipulator in repairing large bearings. I.A. Mikh. G.I. Shandronko. Mekh. i avtom. prod. 1 no. 7:230 Ji '66.
- BEE MOTH**
Cultivation of Galleria mellonella L. hemocytes. S.M. Landa. Tsitologiya 8 no. 3:420-442 Mr-Je '66.
- BEE VENOM—THERAPEUTIC USE**
Iorish, N.P. [Bee, the winged pharmacist] Pchel'nyy kral'yevy farmatsevt. 2, dop. izd. Otv. red. V.M. Chernigovskii. Moskva, Nauka, 1960. 203 p. (Nauchno-populiarnaya seriya) (DNI-M)
- BEES**
Bees and crops. M. Vakhitov. Zemleboi. 30 no. 5:13 My '66.
- BEE SWAX**
Chudakov, V.G. [Technology of wax; textbook for correspondence training of high-level specialists in bee culture] Tekhnologiya voska; uchebnoe posobie dlya zaochnoi podgotovki spetsialistov po pchelovodstvu i shel'kvichestvu. [Moskva] Mosk. raboch. shk. 1963. 73 p. (DNI-M, MICROFILM)
- BETTERIES** see subdivision under Armenia
- BELGIUM—SHIPS—LIFTING DEVICES**
The new ship lifting device "Raketa" under construction in Belgium. V. Babushin. Tekhn. izobret. 2 no. 20-31 '66.
- BELTS AND BELTING**
Efficiency of high-speed belt transmissions. A. A. Movilator. Trudy Ufim. av. inst. no. 3:75-81 '66.
Reconditioning V-belts by joining method. S.M. Gerasimov. Tekhn. izobret. no. 1:75-76 Mr-Je '66.
- BENT GRASS**
Morphogenesis of the redtop (Agrostis alba L.) adapted to the soil moisture and the level of nitrogen nutrition. G.P. Serata. Nauch. dokl. vyssh. shkoly. 1966. 6 no. 3:136-139 '66.
- BENTONITE** see subdivision under Dnieper Basin
- BENZENE**
Interaction of benzene with cerium ammonium molybdate aqueous solution. V.N. Zaitseva and others. Dokl. AN SSSR 169 no. 1:143-145 Ji '66.
Phase transition in benzene adsorbed on NaX zeolite. S.Z. Muntayev and others. Dokl. AN SSSR 169 no. 3:125-126 Ji '66.
Preparation of pyromellitic dianhydride from dimeric acid. V.P. Borshchenko, N.M. Bekasova, H.M. Bekasova. Neftkhemiya 6 no. 3:450-454 My-Je '66.
Production of hydroperoxides in the oxidation of cyclopropylbenzene. P.F. Ivanenko. Neftkhemiya 6 no. 4:330-333 My-Je '66.
Studying the catalytic hydraulic cleaning of the fraction of coke chemical benzene. L.I. Mar'kov. Koka i khim. no. 5:44-48 '66.
- BENZENE—CLEANING**
Cleaning of benzene from nonaromatic hydrocarbons. V.A. Supunov, G.S. Mironovskii, V.I. Korotchenko. Koka i khim. no. 5:40-50 '66.
- BENZENE DERIVATIVES**
Alkylation of benzene and toluene by alkenes of C₃-C₁₂ composition in the presence of aluminum. N.I. Shadun, N.A. Pozdnyak, T.B. Dobryagina. Dokl. AN SSSR, Ser. khim. no. 7:1244-1247 '66.
- BENZOL ACID**
Chromatometry of esters of nitro-substituted aromatic carboxylic acids and phenols. Part 1: 4-Nitrobenzoic acid esters. A.V. Belotavetov, V.A. Gerasimov, M.K. Larkin. Zhur. obshch. khim. 36 no. 7:1196-1201 Ji '66.
- BENZOYL PEROXIDE**
Decomposition of benzoyl peroxide in viscous solutions. G.P. Gladyshev and others. Dokl. AN SSSR 169 no. 5:1093-1095 Je '66.
- BERBERINE**
Synthesis of double salts based on alkaloid berberine. S.B. Davidants, H.D. Sadykov, V.A. Duglakov. Dokl. AN Tadzh. SSR 9 no. 6:20-22 '66.
- BERLIN, BATTLE OF, 1945**
Shatilov, V.M. [The flag over the Reichstag] Znamia nad Reikhtagom. Moskva, Voenizdat, 1956. 323 p. (Voennoye memuary)
- BERLIN, EAST—OPERA**
The conductor and opera. H. Schaeffer. Sov. muz. 35 no. 5:141-143 My '66.

BERLIN WALL (1961-)

The wall. L.Sedin. Nov.vrem. 24 no.35:14-15 Ag '68.

BERNSHTEIN, NIKOLAI ALEKSANDROVICH, 1896-1966
Professor N. A. Bernshteyn; an obituary. Vop.psikhol. 12 no.3:89 My-Je '66.

BERYLLIUM—TOXICOLOGY

Use of Holmgren's method for the determination of antibodies of pulmonary nucleoproteins in berylliosis. O.G.Alekseeva, A.A.Orlova. Sov.med. 20 no.7: 86-89 JI '68.

BERYLLIUM ALLOYS—HARDENING

The aging of alloys of beryllium with chromium and zirconium. I.G.D'akov, I.I.Papir, G.F.Tikhinskii. Fiz.met.i metalloved. 21 no.5:785-786 My '66.

BERYLLIUM CRYSTALS—PLASTIC PROPERTIES

Effect of programmed loading on the plasticity of single crystals of beryllium. I. A. Gindin and others. Fiz. met.i metalloved. 21 no.5:774-778 My '66.

BERYLLIUM-NICKEL ALLOYS see Nickel-beryllium alloys

BESSEMER PROCESS

Experience in the continuous measurement of metal temperature in a 15-ton bessemer converter. V. S. Kocho and others. Izv.vys.ucheb.zav.; Chern.met. 9 no.7:60-64 '66.

Kinetics of oxidation processes in a converter bath. V.G.Glushchenko, B.N.Ladyzhenskii, G.I.Fizhev. Izv.vys.ucheb.zav.; Chern.met. 9 no.7:48-52 '66.

Order of phosphorus and sulfur oxidation during the oxygen-blown converter process. Report No.1. S.I.Solokin. Izv.vys.ucheb.zav.; Chern.met. 9 no.7:53-58 '66.

Weldability of 10KhSND Bessemer steel. E.D.Kudinov, V.S.Aristov, S.G.Kharakov. Svar.proizv. no.6:35-37 Je '66.

BESSEMER PROCESS—COSTS

Economic efficiency of processing a high-scrap-metal-containing charge in oxygen converter. V. A. Roumets and others. Izv.vys.ucheb.zav.; Chern.met. 9 no.7:193-202 '66.

BHABHA, HOMI JEHANGIR, d.1966

In memory of Homi Jehangir Bhabha. D.I.Blokhintsev. Atom.energ. 21 no.1:7-8 JI '66.

BIBLIOGRAPHY

[Book chronicle] Knizh.let. nos.20-34 '66. Ukazatel'ser[nykh izdani] za 1966 g. Vspomogatel'nye ukazateli k nos.1-13 za 1964 g. Dopolnitel'nyi vypusk no.6 '66. Vspomogatel'nye ukazateli k nos.1-3 za 1966 g.

[Chronicle of the publications of the White Russian S.S.R.] Let.druku BSSR no.3 Mr '60.

[Information about library work and bibliography abroad; materials] Inform.o bibliot.dele i bibl.za rub. nos.1-2 '66.

[Information index of bibliographical lists and card files] Inform.ukaz.bibl.spis.i kart. 10 nos.10-14, 17 My-JI, S '66.

[New books of the U.S.S.R.] Nov.knigi SSSR nos.20-33 JI-Ag '66.

[New literature on science and research abroad] Nov.lit.o nauke i nauch.-issl.rab.za rub. no.6 '66.

BIBLIOGRAPHY—AFRICA

An evaluation of the bibliographies of Asia and Africa. Kh.S.Nadel'. Nar.Az.i Afr. no.4:237-240 '66.

[New Soviet and foreign literature on the countries of Asia and Africa] Nov.sov.i inostr.lit.po stran.Az.i Afr. no.6 '66.

BIBLIOGRAPHY—AGRICULTURE

[New foreign books. Series V: Biology, medicine, agriculture] Nov.knigi za rub.Ser.V: Biol., med., sel'. khoz. 10 no.7 JI '66.

Scientific and informational bibliography of current agricultural publications in the U.S.S.R. O.P.Dovhopola. Bibliot.ta bibl. no.2:5-16 '66.

BIBLIOGRAPHY—ALIZADE, ALI ASHRAF

List of the principal scholarly works of A. A. Alizade, a member of the Academy of Sciences of the Azerbaijan S.S.R. Nar.Az.i Afr. no.4:262-263 '66.

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov.inostr.lit.po ist., arkheol.i etn. no.6 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov.sov.lit.po ist., arkheol.i etn. no.6 '66.

Sviridova, I.N. [On the tracks of ancient cultures; stories about books] Po sledam drevnikh kul'tur; rasskazy o knigakh. Moskva, Kniga, 1966. 44 p.

BIBLIOGRAPHY—ASIA

An evaluation of the bibliographies of Asia and Africa. Kh.S.Nadel'. Nar.Az.i Afr. no.4:237-240 '66.

[New Soviet and foreign literature on the countries of Asia and Africa] Nov.sov.i inostr.lit.po stran.Az.i Afr. no.6 '66.

BIBLIOGRAPHY—ATHEISM

[New Soviet and foreign literature on the problems of atheism and religion] Nov.sov.i inostr.lit.po vop.atelz. i rel. no.6 '66.

BIBLIOGRAPHY—BIOGRAPHY

Molodnia gvardia. Izdatel'stvo, Moscow. [The lives of remarkable people; a catalog, 1933-1963] Zhizn' zamечатel'nykh liudei; katalog, 1933-1963. Moskva, 1963. 180 p. facsim. (Zhizn' zamечатel'nykh liudei; Sorbit biografii, no.2(375)) (NNC)

BIBLIOGRAPHY—BIOLOGY

New books. Nauch.dokl.vys.shkoly; biol.nauki 9 no.3: 229-231 '66.

[New foreign books. Series V: Biology, medicine, agriculture] Nov.knigi za rub.Ser.V: Biol., med., sel'. khoz. 10 no.7 JI '66.

BIBLIOGRAPHY—BULGARIA

[New literature on Bulgaria] Nov.lit.po Bolg. no.6 '66.

BIBLIOGRAPHY—CHEMISTRY

[Chemical information; classified index of articles in foreign periodicals] Khim.inform.; sist.uk.st.v inostr.zhur. no.7 JI '66.

BIBLIOGRAPHY—CHERNOV, ANATOLI VASIL'EVICH, 1902-1966

In memory of A.V.Chernov. Ist.SSSR 10 no.3:232-233 My-Je '66.

BIBLIOGRAPHY—COMMUNISM

Documentary materials and articles on the history of the CPSU and the international communist and labor movements published in June 1966 in periodicals, bulletins, and scholarly serials. Vop.ist.KPSS 10 no.8:140-144 Ag '66.

BIBLIOGRAPHY—COMMUNIST PARTIES

Articles on the history of communist parties published in foreign periodicals. Vop.ist.KPSS 10 no.8: 138-140 Ag '66.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Documentary materials and articles on the history of the CPSU and the international communist and labor movements published in June 1966 in periodicals, bulletins, and scholarly serials. Vop.ist.KPSS 10 no.8:140-144 Ag '66.

Studies on the history of the party which will be published in 1967 by the "Politizdat" Publishing House. S.M.Malorov. Vop.ist.KPSS 10 no.8:152-155 Ag '66.

BIBLIOGRAPHY—COMMUNIST YOUTH LEAGUE

For active members of Communist Youth League. I.Chernov. Bibliotekar' 43 no.8:27-28 Ag '66.

BIBLIOGRAPHY—CORROSION AND ANTICORROSIVES

How to organize library exhibits on corrosion prevention. T.N.Korobova. Tekh.bibliot.SSSR no.7:54-55 '65.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on Czechoslovakia] Nov.lit.po Chekh. nos.6-7 '66.

BIBLIOGRAPHY—ECONOMICS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov.knigi za rub.po obshchestv.naukam; ekon., filos., ist., mezh-dunar. etn. 9 no.7 JI '66.

[New foreign economic literature] Nov.inostr.ekon.lit. no.6 '66.

[New Soviet economic literature] Nov.sov.ekon.lit. no.6 '66.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

Dissertations for the degree of candidate in technical sciences. A.S.Sergeev. Elektrichestvo no.7:91-93 JI '66.

BIBLIOGRAPHY—ELECTRIFICATION

[Power industry in the national economy in the plan of the State Commission for the Electrification of Russia] Energetika narodnogo khoziaistva v plane GOELRO. Moskva, Ekonomika, 1966. 253 p.

BIBLIOGRAPHY—ELECTROMAGNETIC FIELDS

Akademiya nauk SSSR. Institut fiziki Zemli. Biblioteka. [Earth's natural varying electromagnetic field; bibliography, 1960-1963] Estestvennoe peremennoe elektromagnitnoe pole Zemli; bibliograficheski ukazatel', 1960-1963 gg. Moskva, 1965. 423, 32 p.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov.inostr.lit.po ist., arkheol.i etn. no.6 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov.sov.lit.po ist., arkheol.i etn. no.6 '66.

BIBLIOGRAPHY—EUROPE, EASTERN

[New literature on the general problems of the European socialist countries] Nov.lit.po obshch.probl.evrop.sots.stran no.6 '66.

BIBLIOGRAPHY—EUROPE, EASTERN—LAW

Systematic index of articles published in the law journals of East European socialist countries in the first half of 1965. Izv.vys.ucheb.zav.; prav. 10 no.1:156-172 '66.

BIBLIOGRAPHY—EXTRAORDINARY REMEDIES

First bibliography on prosecutorial supervision in the U.S.S.R. G.Terekhov. Sots.zakon. no.5:93-95 My '66.

BIBLIOGRAPHY—GENETICS

Bibliography of foreign literature on genetics; the second half of December, 1965. Genetika no.4:160-181 Ap '66.

BIBLIOGRAPHY—GERMANY, EAST

[New literature on the German Democratic Republic] Nov.lit.po Ger.Dem.Resp. no.6 '66.

BIBLIOGRAPHY—GROUND-CUSHION PHENOMENON

Moscow. Publichnaya biblioteka. [On air cushion; new vehicles. Review of recommended literature] Na voz-dushnoi podushke; novye transportnye mashiny. Rekomendatel'nyi obzor literatury. Moskva, Kniga, 1966. 17 p. (Novoe v nauke i tekhnike, no.14)

BIBLIOGRAPHY—GROUND-EFFECT MACHINES

Moscow. Publichnaya biblioteka. [On air cushion; new vehicles. Review of recommended literature] Na voz-dushnoi podushke; novye transportnye mashiny. Rekomendatel'nyi obzor literatury. Moskva, Kniga, 1966. 17 p. (Novoe v nauke i tekhnike, no.14)

BIBLIOGRAPHY—HISTORY

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov.knigi za rub.po obshchestv.naukam; ekon., filos., ist., mezh-dunar. etn. 9 no.7 JI '66.

[New foreign literature on history, archaeology, and ethnography] Nov.inostr.lit.po ist., arkheol.i etn. no.6 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov.sov.lit.po ist., arkheol.i etn. no.6 '66.

BIBLIOGRAPHY—HUNGARY

[New literature on Hungary] Nov.lit.po Veng. no.9 '66.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology and hydrology published in 1965. Meteor.i gidrol. no.7:61-65 JI '66.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov.knigi za rub.po obshchestv.naukam; ekon., filos., ist., mezh-dunar. etn. 9 no.7 JI '66.

BIBLIOGRAPHY—KRYP'IAKEVYCH, IVAN PETROVYCH, 1886-

I.P.Kryp'iakevych; on his 80th birthday. M.K.Ivasina. Ukr.ist.zhur. 10 no.6:127-133 Je '66.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics] Nov.inostr.lit.po laz. no.6 '66.

[New Soviet literature on linguistics] Nov.sov.lit.po laz. no.6 '66.

BIBLIOGRAPHY—LAW

M.N.Kalashnikov's book "Theory of state and law. Bibliography, 1954-1964. M.I.Baltin and others. Izv.vys.ucheb.zav.; prav. 10 no.1:142-145 '66.

V.A.Rakhlevskii and K.G.Rozibov's book "Bibliographical guide to the dissertations for the degrees of candidate and doctor of law." V.N.Smirnov, L.A.Shilov. Izv.vys.ucheb.zav.; prav. 10 no.1:145-146 '66.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature] Nov.inostr.lit.po lit. no.6 '66.

[New Soviet literature on the study of literature] Nov.sov.lit.po lit. no.6 '66.

BIBLIOGRAPHY—MAPS

[Cartographic chronicle, 1965] Kart.let., 1965, publ. '66.

Yessoluzivnyi nauchno-issledovatel'skii protivochuvnyy in-stitut "Mikrob." [Bibliography of articles published in the periodical "Vestnik mikrobiologii, epidemiologii i parazitologii" during 1922-1940 (Saratorov, vols. 1-10), and in "Sbornik nauchnykh trudov" dedicated to the 25th anniversary of the "Mikrob" Institute (Saratorov, 1944)] Bibliografiia statei zhurnala "Vestnik mikrobiologii, epidemiologii i parazitologii" za 1922-1940 g.g. (Saratorov, t. 1-10) I "Sbornika nauchnykh trudov," posvia-shchennykh 25-letnemu iubil'eu instituta "Mikrob" (Saratorov, 1944). Sost. E. F. Ramazeeva. Saratorov, 1965. 71 o.

Nauchnaya konferentsiya po vozrastnoi morfologii, fiziologii i biohimii. 6th, 1968. (Transactions of the Sixth Scientific Conference on Age-Related Morphology, Physiology and Biochemistry, April 9-13, 1968) Trudy. Pod red. A. A. Markosiana. Moskva, Prosveshchaniye, 1968. 810 p.

BIOCHEMISTRY—LABORATORY MANUALS

Ivchenko, G.M., and O.D. Kushmanova. [Laboratory manual on biological chemistry] *Rukovodstvo k prakticheskim zaniatiyam po biologicheskoi khimii*. Pod red. L.F. Panchenko. Moskva, Meditsina, 1966. 291 p.

BIOGEOCHEMISTRY

Studying iodine and other halogen content of soils, waters, and plants in areas of Ulan-Ude. *Khim. v sel'. khoz.* 4 no. 7:50-52 J1 '66.

BIOGRAPHY—BIBLIOGRAPHY see Bibliography—Biography

BIOLOGICAL RESEARCH

(see also subdivision under Kazakhstan)

Science in the service of the people. *Izv. AN SSSR, Ser. biol.* 31 no. 4:481-482 J1-Ag '66.

BIOLOGY

Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Natural sciences and chemistry; program and abstracts of reports, April 12-May 11, 1965] *Estestvoznaniye i khimiya*; programma i tezisy dokladov, 12/IV-11/5 1965 g. Leningrad [1965] 126 p. (XVIII Gertsenovskie chteniya)

Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Natural sciences; program of conference, abstracts of reports, April 14-May 5, 1966] *Estestvoznaniye*; programma konferentsii, tezisy dokladov, 12/IV-5 maja 1966 g. Leningrad, [1966] 169 p. (XIX Gertsenovskie chteniya)

[Scientific lectures in memory of Mikhail Grigor'evich Popov] *Nauchnye chteniya pamiati Mikhaila Grigor'evicha Popova*. Vostochno-Sibirskoe knizhnoe izd-vo. [n.p.]

Nos. 4, 6/7. 1965. 65 p. [i.e. in 1 v.]

BIOLOGY—ABSTRACTS

[Biology] *Ref. zhur. : Biol. Avtorskii ukazatel'* za 1965 g.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY

Ugal, G.A. [Dialectics of part and whole in living nature] *Dialektika chasti i tselogo v zhivoi prirode*. Moskva, Znanie, 1966. 31 p. (Biblioteka "Filosofskie problemy biologii." V pomoshch' zanimatshchimsya v sistemu partii i ucheyu)

Kuroedov, A.I. [Struggle of eminent scientists for materialism in biology] *Bor'ba vydalechikh i sleduyushchikh za materializm v biologii*. [Moskva] Izd-vo Mosk. univ., 1966. 136 p.

BIOLUMINESCENCE

Participation of pigment systems of higher plants in the processes of prolonged afterglow. Spectra of luminescence action of etiolated and viridescence leaves, the intensification and inhibition effects. F.F. Litvin, V.A. Shuvaylov, A.A. Krasnovskii, Jr. *Dokl. AN SSSR* 169 no. 5:1195-1198 Je '66.

Possible sources of different duration of stimulated fluorescence state in protein solutions. S.V. Konev and others. *Dokl. AN SSSR* 169 no. 7:500-502 J1 '66.

BIONICS

Cybernetics, technique of electronic computation and psychiatry. B.D. Dmitriev. *Zhur. novykh tekhn.* 68 no. 8:1272-1277 '66.

BIOPHYSICS

Khlil'mi, G.F. [Principles of biosphere physics] *Osnovy fiziki biosfery*. Leningrad, Gidrometeoizdat, 1966. 298 p.

BIOPSY

Methodology of obtaining serous neutrophil exudate in animals. M.S. Makarov. *Lab. delo* no. 6:455-459 '66.

BIOSYNTHESIS

Akademii nauk SSSR. Nauchnyi sovet "Biologicheskie osnovy ratsional'nogo ispol'zovaniya, preobrazovaniya i okhrany rastitel'nogo mira." [Products of the biosynthesis of higher fungi and their use] *Produkty biosinteza vysshih grzyb i ikh ispol'zovanie*. Moskva, Nauka, 1966. 134 p.

Decay of nicotine-C14 in relation to protein biosynthesis. G.S. Il'in. *Dokl. AN SSSR* 169 no. 1:232-234 J1 '66.

Possible pathways of biosynthesis of bacterioviridin (chlorobium-chlorophyll). T.N. Gidnev, E.N. Kondratyeva, V.E. Uspenskaya. *Izv. AN SSSR, Ser. biol.* 31 no. 4:525-531 J1-Ag '66.

BIOTITE—ANALYSIS

Effect of temperature on the composition of biotite in metamorphic rocks. A.A. Marakushev. *Izv. AN SSSR, Ser. geol.* 31 no. 7:21-38 J1 '66.

BIPHENYL

Equipment for the dynamic testing of metals and alloys in organic heat carriers at high pressures and temperatures. I.U. Bychev, N.D. Laptev, A.N. Rozanov. *Met. i metalloved. chisl. met.* no. 5:199-203 '66.

BIPHENYLTETRACARBOXYLIC ACID

Synthesis and study of polyamido acids and polyimides based on dianhydride of 2,3,5,6-diphenyltetracarboxylic acid and aromatic diamines. G.S. Kolesnikov and others. *Vysokom. soed.* 8 no. 8:1449-1444 Ag '66.

BIRCH

(see also subdivision under Kazakhstan)

Uptake of radioactive phosphorus by the bast and wood of the birch *Betula verrucosa* in radial direction. Z.E. Briantseva. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 3:29-31 '66.

BIRDS see subdivision under Georgia; Tien Shan

BIRDS—BEHAVIOR

Extrapolation reactions of finches and pigeons, their modeling and possibility of ethological classification of birds. A.P. Kravtsov. *Zool. zhur.* 45 no. 7: 1053-1056 '66.

BIRDS—CLASSIFICATION

Extrapolation reactions of finches and pigeons, their modeling and possibility of ethological classification of birds. A.P. Kravtsov. *Zool. zhur.* 45 no. 7: 1053-1056 '66.

BIRDS—FOOD see subdivision under Armenia

BIRDS—JUVENILE LITERATURE

Otrygan'ev, G.K. [Birth of a bird] *Rozhdenie ptitsy*. Moskva, Kolos, 1965. 109 p.

BIRDS—MIGRATION

(see also subdivision under Estonia)

Akademii nauk SSSR. Otdeleniye obshchego biologii. [Migration of birds and mammals] *Migratsii ptits i mlekopitavushchikh*. Moskva, Nauka, 1965. 158 p. (CU)

BIRDS, INJURIOUS AND BENEFICIAL

Harmfulness and usefulness of sparrows. Z. Galovanova. *Zashch. rast.* 11 no. 7:42-43 '66.

BIRDS OF PREY see subdivision under Moldavia

BIRDSONG

Some characteristics of the acoustic apparatus in auks and the acoustic environment of their colonies. N.N. Kartashev, V.D. Il'ichev. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3:36-43 '66.

al-DIRUNI, MUHAMMAD IBN AHMAD, 973-1064

On the biography of Diruni. P.G. Bulgakov. *Nar. Az. i Afr.* no. 4:185-200 '66.

BISMUTH-BARIUM ALLOYS

Study of bismuth alloys with barium and bismuth alloys with strontium. N.N. Zhuravlev, E.M. Smirnova. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:766-769 Ap '66.

BISMUTH-STRONTIUM ALLOYS

Study of bismuth alloys with barium and bismuth alloys with strontium. N.N. Zhuravlev, E.M. Smirnova. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:766-769 Ap '66.

BITS (DRILLING AND BORING)

(see also subdivision under Ukraine)

Analytic determination of the time of toothed roller bits contacting the rock. L.I. Baron and others. *Vzryv. delo* no. 58/15:266-272 '66.

Criterion for the effective utilization of bits well bottoms. A.A. Turko. *Nef. khoz.* 44 no. 6:1-8 Je '66.

Determining the required power per bit. N.M. Filimonov, M.R. Mavlutov. *Nef. khoz.* 44 no. 6:10-11 Je '66.

Efficiency of drilling schists in the Donets Basin using diamond bits. I.N. Pakhomov. *Razved. i okh. nedr.* 32 no. 3:25-28 '66.

Influence of the shape of hard-alloy inserts on the resistance of a boring bit. I.I. Anovskii and others. *Vzryv. delo* no. 58/15:157-167 '66.

Methodology for determining the optimal stability of bits in hole boring. A.N. Bakchisaratshev, G.A. Khachatryan. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 6: 135-139 Je '66.

Paus, K.F. [Technology and techniques of boring] *Tekhnologiya i tekhnika burenia*. Moskva, Univ. druzhby narodov.

Pt. 1. [Drill bits. Drill pipe columns] *Burovoye delo*. Kolonna buril'nykh trub, 1965. 181 p.

Reason for increased wearing out of drill bits. N.N. Sumnecv. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 6: 131-134 Je '66.

Results of testing three-roller bits having great cutting capacity. A.M. Abdulzade. *Burenie* no. 7:3-4 '66.

Studying friction forces of a rotary cutter. I.U. Pilenko, E.D. Iakovenko. *Fiz.-tekh. probl. razrab. pol. iskop.* no. 3:56-62 '66.

Studying stress distribution in a model of rocks under the effect of the impact of boring bit edges. K.I. Ivanov, I.E. Babenkov, G.L. Khieskin. *Vzryv. delo* no. 58/15:227-237 '66.

BITS (DRILLING AND BORING)—DESIGN AND CONSTRUCTION

Calculating the height of hard-alloy plates for percussion boring bits. V.P. Gusev, E.M. Shalov. *Vzryv. delo* no. 58/15:173-178 '66.

Roller bits with peripheral blowing. I.E. Narinskii. *Vzryv. delo* no. 58/15:170-173 '66.

BITS (DRILLING AND BORING)—EFFICIENCY

Analyzing the efficiency of hard-alloy fitting on the 8N-2140K roller bits. G.V. Lindo, V.A. Sarkisyan. *Vzryv. delo* no. 58/15:183-186 '66.

Comparative efficiency of modern roller bit boring machines. A.N. Luk'yanov. *Vzryv. delo* no. 58/15: 74-80 '66.

BITS (DRILLING AND BORING)—TESTING

Determining the torque spent on rock breaking during the rolling of toothed roller bits over the working face. L.I. Baron, L.B. Glatman, R.M. Logunov. *Vzryv. delo* no. 58/15:273-278 '66.

Force of rolling of toothed roller bits over the working face depending on the properties of rocks. L.I. Baron, L.B. Glatman, R.M. Logunov. *Vzryv. delo* no. 58/15: 200-206 '66.

Influence of the technology of making boring bits on their resistance. P.G. Chukalov, M.N. Kurdov, V.M. Gavrilin. *Vzryv. delo* no. 58/15:201-203 '66.

Making of high-strength boring bits for shaker hammers with a high force of impact. G.A. Sovetov, A.M. Chuvil'min. *Vzryv. delo* no. 58/15:187-190 '66.

A method of selecting high-quality hard-alloy plates for the reinforcement of boring bits. P.G. Chukalov, M.N. Kurdov, V.M. Gavrilin. *Vzryv. delo* no. 58/15: 210-210 '66.

Problems in increasing the resistance of toothed roller bits. G.K. Shreiber, E.M. Patrikeeva, V.I. Dusev. *Vzryv. delo* no. 58/15:180-183 '66.

Some studies on the wear of hard-alloy boring bits. G.A. Sovetov, A.M. Chuvil'min. *Vzryv. delo* no. 58/15: 178-180 '66.

Strength tests of cutting tools. V.I. Dolgov. *Vzryv. delo* no. 58/15:204-210 '66.

BITS (DRILLING AND BORING)—WELDING

Stresses developing in toothed roller bits during welding. G.K. Shreiber, I.I. Anovskii, E.M. Patrikeeva. *Vzryv. delo* no. 58/15:193-201 '66.

BITSADZE, ANDREI VASIL'EVICH, 1916-

Andrei Vasil'evich Bitsadze, on his 50th birthday. *Sib. mat. zhur.* 7 no. 4:729-730 J1-Ag '66.

BIYSK—LABOR AND LABORING CLASSES

[Socialist Biysk; from the history of the working class of Biysk] *Biisk sotsialisticheskii; iz istorii rabochego klassa Biiska*. Barnaul. Altai'skoe knizhnoe izd-vo, 1965. 1 v. (NeU)

BLACK EARTH see Chernozem soils

BLACK SCAB see Potato wart

BLACK SEA—COPEPODA

Digestion of Black Sea copepod eggs by Noctiluca miliaris Sur. G.N. Mironov. *Zool. zhur.* 45 no. 7: 1093 '66.

BLACK SEA—EARTH—SURFACE

Earth's crust in the Black Sea. T.S. Lobachev. *Geofiz. zhur.* no. 15:76-83 '66.

BLACK SEA—FISHERIES

Vinogradov, K.A., M.Sh. Rozengurt, and D.M. Tolmazin. [Atlas of the hydrological characteristics of the northwestern part of the Black Sea; for fishing industry purposes] *Atlas gidrologicheskikh kharakteristik severozapadnoi chasti Chernogo morya; v rybopromyslovyykh tseliakh*. Kiev, Naukova dumka, 1966. 13 p. 78 maps.

BLACK SEA—GASTROPODA, FOSSIL

Il'in, L.D. [History of Gastropoda of the Black Sea] *Istoriya gastropod Chernogo morya*. Moskva, Nauka, 1966. 227 p. [Akademii nauk SSSR, Paleontologicheskii institut. Trudy, vol. 110]

BLACK SEA—HYDROLOGY—MAPS

Vinogradov, K.A., M.Sh. Rozengurt, and D.M. Tolmazin. [Atlas of the hydrological characteristics of the northwestern part of the Black Sea; for fishing industry purposes] *Atlas gidrologicheskikh kharakteristik severozapadnoi chasti Chernogo morya; v rybopromyslovyykh tseliakh*. Kiev, Naukova dumka, 1966. 13 p. 78 maps.

BLACK SEA—MERCHANT MARINE

The Black Sea merchant marine in the early phase of the Great Patriotic War. E.I. Tsybal. *Ukr. ist. zhur.* 19 no. 6:66-81 Je '66.

BLACK SEA--MUSSELS

Behavior and filtration ability of Black Sea mytilus galloprovincialis in oil-polluted water. I. O. Aliakrinskaya. Zool. zhur. 45 no. 7:998-1003 '66.

BLACK SEA--PROTOZOA

Digestion of Black Sea copepod eggs by Noctiluca millaris Sur. G. N. Mironov. Zool. zhur. 45 no. 7:1093 '66.

BLACK SEA--ROCKS, SEDIMENTARY

Structure of the sedimentary formation in the deep-water basin of the Black Sea south of the Crimea. A. F. Neprochnova, I. U. P. Neprochnov, I. N. El'nikov. Izv. AN SSSR, Ser. geol. 31 no. 7:64-74 J1 '66.

BLACK SEA--SEISMIC PROSPECTING

Structure of the sedimentary formation in the deep-water basin of the Black Sea south of the Crimea. A. F. Neprochnova, I. U. P. Neprochnov, I. N. El'nikov. Izv. AN SSSR, Ser. geol. 31 no. 7:64-74 J1 '66.

BLACK SEA--TERRITORIAL WATERS

International agreements concerning the legal status of territorial waters. I. V. Ivanov. Izv. vys. ucheb. zav.; prav. 10 no. 1:111-119 '66.

BLACK SEA--WATER--POLLUTION

Behavior and filtration ability of Black Sea mytilus galloprovincialis in oil-polluted water. I. O. Aliakrinskaya. Zool. zhur. 45 no. 7:998-1003 '66.

BLACK SEA DEPRESSION--GEOLOGY, STRUCTURAL

Akademiya nauk SSSR. Mezhdunarodnyy geofizicheskiy komitet. [Structure of Black Sea Depression] Stroenie Chernomorskoi vpadiny; sbornik statei. Moskva, Nauka, 1966. 93 p. (Rezultaty issledovaniy po mezhnatsionnym geofizicheskim proektam)

BLACK SEA REGION--BUILDING MATERIALS--TRANSPORTATION

Eremenko, P. L., and V. L. Khasilev. [Mechanization of the transportation of wall materials] Mekhanizatsiya transportirovaniya stenovykh materialov. Odessa, Maik, 1966. 74 p.

BLACK SEA REGION--INSCRIPTIONS

Materials relating to a collection of the ancient inscriptions of Sarmatia and Taurida (continuation). P. O. Karyshkovskii. Vest. drev. ist. no. 2:149-157 '66.

BLACKFLIES--GENETIC RESEARCH

Accessory (B) chromosomes in black flies (Simuliidae, Diptera) and their adaptive significance: the problem of "genomic microevolution." E. S. Shcherbakov. Genetika no. 4:28-30 Ap '66.

BLADDER--INNERVATION

Activity of neurons of the bulbar pressor structures in reflexes from the mechanoreceptors of the urinary bladder and afferent fibers of the tibial nerve. A. M. Blinova, N. K. Saradzhev, F. D. Shelikhon. Biol. eksp. biol. med. 62 no. 7:8-12 J1 '66.

Hemodynamic mechanisms of the development and adaptation of the pressor reflex in stimulation of the receptors of the urinary bladder. V. V. Bratus'. Fiziol. zhur. [Ukr.] 12 no. 4:483-488 J1-Ag '66.

BLAST FURNACES

Automatic weight proportioning device for conveyor loading or blast furnaces. A. I. Angoli, V. A. Koval'. Mekh. i avtom. upr. no. 3:7-8 My-Je '66.

Calculating indices of the heat condition of a blast furnace. Report No. 1. A. N. Pokhvisnev and others. Izv. vys. ucheb. zav.; Chern. met. 9 no. 7:24-29 '66.

Utilization of the heat of the exhaust gases of the air preheaters of blast furnaces. E. I. Galinovskii, A. D. Gumenchuk, A. A. Matveev. Energ. i elek. no. 3:23-24 My-Je '66.

BLAST FURNACES--DESIGN AND CONSTRUCTION

Blowing-in of 2000m³-capacity blast furnaces, and establishing their technological parameters. P. P. Mishin and others. Stal' 26 no. 6:481-486 Je '66.

Disruption of the kinematics of blast furnace balance beams resulting from errors in mounting. V. P. Dobrov, A. S. Zalkind, D. A. Storozhik. Izv. vys. ucheb. zav.; Chern. met. 9 no. 7:30-34 '66.

Improving the design of turning runners for cast-iron and slag pouring. E. A. Popov. Stal' 26 no. 6:494-495 Je '66.

BLAST FURNACES--EQUIPMENT AND SUPPLIES

Experimental investigation of the performance of GBK-1 shaking grizzlies. S. N. Kozhevnikov, E. A. Kozakov, V. S. Egorov. Trudy Dnepr. inst. cher. met. 19:19-24 '66.

New developments in research. A. A. Fofanov and others. Stal' 26 no. 6:486 Je '66.

Plavach, V. M. [Operator of car scales and ore transfer cars] Mashinist vagon-vesov i rudnogo transferkara. Moskva, Metallurgiya, 1965. 157 p.

Rope tension and speed conditions of the winch operating the bells in blast furnaces. V. D. Plakhtin. Stal' 26 no. 6:490-494 Je '66.

Studying the maneuverability of car scales with the help of an electronic model. S. N. Kozhevnikov and others. Trudy Dnepr. inst. cher. met. 19:4-11 '66.

Studying the performance of mechanisms conveying the sinter to blast furnaces with a capacity of 2000m³. S. N. Kozhevnikov and others. Trudy Dnepr. inst. cher. met. 19:12-18 '66.

Using automatic scale-cars in blast furnaces. V. K. Gruzinov and others. Mekh. i avtom. profiz. 20 no. 7:29-30 J1 '66.

BLAST FURNACES--MAINTENANCE AND REPAIR

Controlling the conditions of the brick hearth bottom of an operating blast furnace. I. S. Sokolov and others. Stal' 26 no. 6:495-496 Je '66.

BLAST FURNACES--THERMODYNAMICS

Role of time and mass exchange in the desulfuration of cast iron in blast furnaces. A. L. Galatsov, A. N. Cherniatin. Stal' 26 no. 6:496-499 Je '66.

BLASTING

Correlation between the parameters of borehole blasting operations and the characteristics of explosion loads. V. L. Shukhman. Vzyryv. delo no. 50/15:301-320 '66.

Determining the energy of elastic waves during weak explosions. N. K. Karapetian. Inzh. seism. no. 3/4:29-37 '66.

Experience in boring small-diameter blastholes with rotary-percussion drills. I. F. Medvedev, A. I. Pulinaev, A. P. Buzhin. Vzyryv. delo no. 58/15:12-24 '66.

Magnitude of the blasting force of explosives, used for ore moving and compacting in tight-face blasting. G. M. Burmin, A. M. Taranosov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:150-152 '66.

Results of the study of the propagation of seismic waves in loamy and sandy-loam soils generated by blasting. B. K. Karapetian, S. G. Shaginian. Inzh. seism. no. 3/4:18-28 '66.

Using internal explosions to create underground cavities. A. S. Dobina, N. A. Evrostov. Shakh. stroit. no. 7:17-19 J1 '66.

BLASTING--EQUIPMENT AND SUPPLIES

Problems respecting peculiarities of the explosion effect in borehole blasting-operations. V. L. Shukhman. Vzyryv. delo no. 58/15:288-301 '66.

BLASTING--SAFETY MEASURES

Makeyevka. Nauchno-issledovatel'skii institut po bezopasnosti rabot v gornoi promyshlennosti. [Guide on the safe use of short-delay blasting in coal mines presenting a gas and dust hazard] Rukovodstvo po bezopasnomu primeneniyu korotkozamedlenogo vzyryvaniya v ugodnykh shakhtakh, opasnykh po gazu ili pyli. 3. izd. dop. Moskva, Nedra, 1966. 103 p.

BLEEDING see Hemorrhage

BLOOD

Effect of chronic influence of small doses of ionizing radiation on the blood system of a growing organism. T. V. Fokina, L. A. Shuprina, L. M. Benpaiov. Biol. eksp. biol. med. 62 no. 7:41-44 J1 '66.

Some new data on evolutionary histology of the blood. E. I. Koloss, K. N. Koloss. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:19-26 '66.

BLOOD--AGGLUTINATION

Hemagglutination caused by intestinal bacteria. G. N. Chistovich and others. Zhur. mikrobiol., epid. i immun. 43 no. 7:83-86 J1 '66.

Methodology of arranging the indirect hemagglutination reaction with antibody-sensitized erythrocytes. G. A. Balar, N. E. Konikova, V. N. Krylov. Zhur. mikrobiol., epid. i immun. 43 no. 7:97-102 J1 '66.

BLOOD--ANALYSIS AND CHEMISTRY

Changes in blood in region of liver mortis following violent and sudden death. S. N. Bakulev. Sud.-med. eksp. 9 no. 3:3-6 J1-S '66.

Changes in the number of eosinophils and basophils as an index of the reactive potential of the endocrine system. K. I. Mysikina, A. A. Reut. Lab. delo no. 8:452-455 '66.

Comparative evaluation of thromboelastographic and biochemical indices of the coagulating activity of the blood. E. Sh. Khalifa and others. Sov. med. 20 no. 7:108-113 J1 '66.

Determination of haptoglobin types in liquid blood during horizontal electrophoresis in starch gel. -N. N. Starostin. Sud.-med. eksp. 9 no. 3:34-37 J1-S '66.

Dynamics of the content of potassium and calcium in the blood of patients with psoriasis and eczema. B. A. Totonov. Shor. nauch. trud. SOGMI no. 11:99-105 '64.

Ecologic-functional and age-related characteristics of red blood in North Pacific Pinipedia. A. S. Sokolov. Dokl. AN SSSR 169 no. 3:683-684 J1 '66.

Effect of ultraviolet rays on some properties of the blood in chicken pullorum disease. Kh. G. Adzhomian. Biol. zhur. Arm. 19 no. 6:57-72 Je '66.

Is the Bidwell method expedient for use in wide clinical practice? M. S. Machabell, M. G. Gachechiladze. Lab. delo no. 5:293-295 '66.

Method for the determination of thromboplastin activity of the blood. M. I. Mamikonian. Shor. nauch. trud. SOGMI no. 11:76-78 '64.

Methodology for the determination of ascorbic acid in the plasma of dogs. M. I. Mamikonian. Shor. nauch. trud. SOGMI no. 11:79-82 '64.

Methodology of determining bilirubin in small amounts of blood serum. I. A. Boryshkov, V. I. Mamikonian, I. U. E. Bolodishchev. Lab. delo no. 3:169-170 '66.

Methodology of determining nonesterified fatty acids in the blood serum of young children. N. A. Korneeva, I. U. E. Bolodishchev, B. L. Lempert. Lab. delo no. 3:471-473 '66.

Quantitative determination of blood plasma fibrinogen using the method of electrophoresis in agar gel. V. S. Ukhov. Lab. delo no. 5:269-274 '66.

Separate determination of the activity of blood fibrinogen and antifibrinolysin. N. A. Khalifa. Lab. delo no. 5:266-269 '66.

Turbidimetric method for the determination of plasma proteins and chylomicrons in blood plasma and tissue. A. N. Klimov, T. A. Lavinaeva, E. U. Bantovskaya. Lab. delo no. 5:276-280 '66.

Ultramicromethod of the latex test. N. Lazarev. Lab. delo no. 5:468-469 '66.

BLOOD--CIRCULATION

Changes in the thermoregulation and blood circulation in newborn seals in the transition to aquatic habitat. A. P. Davydov, A. R. Makarova. Fiziol. zhur. 50 no. 7:894-900 J1 '64.

Characteristics of the effect of uteroplacental circulation on coronary blood circulation. L. G. Borovskikh. Biol. eksp. biol. med. 61 no. 4:70-73 Ap '66.

Hemodynamic changes in patients with thromboembolism in the process of preoperative preparation and operative treatment. G. N. Akhbullov, A. A. Narysheva. Sov. med. 20 no. 5:91-96 My '66.

Hemodynamic criteria in mitral and aortic heart defects. P. G. Uglov, V. A. Gerasimov, A. D. Sushakov. Khirurgiya 42 no. 6:90-96 Je '66.

Interrelations between the basic indices of hemodynamics and the peripheral resistance of various vascular regions in introduction of noradrenalin. V. A. Tyshchenko, P. G. Uglov. Khir. 12 no. 4:48-53 J1-Ag '66.

Moscow. Vtoroi meditsinskii institut. [Morphological and fundamental of microcirculation] Morfoloicheskie osnovy mikrotsirkulatsii. Pod red. V. V. Kaprinskaya Moskva, 1965. 177 p. (Izv. TsSU)

Significance of mechano- and chemoreceptors of the aortic carotid zones in the regulation of respiration and blood circulation. L. I. Ardanashnikova. Biol. eksp. biol. med. 61 no. 4:3-6 Ap '66.

BLOOD--COAGULATION

Changes in EKG, EEG and in the processes of blood coagulation in heparin treatment of coronary atherosclerosis. L. I. Aleinikova, A. A. Novikov. Sov. med. 20 no. 7:114-119 J1 '66.

Changes in the rate of blood coagulation and antithrombin time in experimental diabetes. B. B. Khabatova. Shor. nauch. trud. SOGMI no. 11:65-69 '64.

Comparative evaluation of thromboelastographic and biochemical indices of the coagulating activity of the blood. E. Sh. Khalifa and others. Sov. med. 20 no. 7:108-113 J1 '66.

Comparative study of the effect of quaternary and glycerol on blood coagulation. N. A. Apudov, Zh. B. Gerasimov. Biol. zhur. Arm. 19 no. 6:35-38 Je '66.

Methodology for the determination of the thrombolytic complex of factors of blood coagulation. I. G. Kozlovskaya. Shor. nauch. trud. SOGMI no. 11:83-85 '64.

So-called 3d fraction of blood coagulation in some diseases of the liver. P. D. Starobin, G. I. Kalina. Sov. med. 20 no. 5:35-38 My '66.

Some common regularities of the interaction of erythrocytes and plasma of healthy persons in the process of blood coagulation in vitro. I. A. Akhmedov. Biol. eksp. biol. med. 62 no. 7:46-48 J1 '66.

BLOOD--DISEASES

Combined effect of ionizing radiation and interstitial hydase enzyme on experimental radiation leukemia. A. T. Ter-Avetisyan. Biol. zhur. Arm. 19 no. 6:32-34 Je '66.

BLOOD--TRANSFUSION

Treatment of patients with severe burns with exchange transfusions of blood. V. I. Babluk. Ortop. i travmat. protez. 27 no. 7:64-68 J1 '66.

BLOOD CELLS

Cultivation of Galleria mellonella L. hemocytes in vitro. S. M. Landau. Tsitologia 8 no. 3:439-443 My-Je '66.

BLOOD GROUPS

Use of the color method for the selection of compatible blood. E. A. Traut'ko. Lab. delo no. 8:456-461 '66.

BLOOD PRESSURE

Effect of darkness load on state of general arterial pressure (in diurnal measurements) in patients with glaucoma. Report No. 3. E. S. Vainstein. Trudy Tark. nauch.-issl. trakh. inst. 8:154-159 '66.

- BLOOD PRESSURE (Continued)**
Effect of novocaine on diuresis, blood pressure, and renal plasma circulation. N.N. Pronina. Sbor. nauch. trid. SOGMI no. 11:4-13 '64.
- Role of vascular disorders in the formation of decompen-sations in a patient with traumatic lesion of the brain. S.P. Rozumovskaya. Prsk. sudenopshk. ekspert. no. 11:17-25 '66.
- Water diuresis, dynamics of the basic processes of uropoiesis, and blood pressure in hypophysectomized dogs. N.N. Pronina. Sbor. nauch. trid. SOGMI no. 11:21-27 '64.
- BLOOD PRESSURE—MEASUREMENT**
Measurement of arterial and venous pressure in experimental silicosis. R.D. Klubetsova. Sbor. nauch. trid. SOGMI no. 11:61-64 '64.
- BLOOD PROTEINS**
Age-related dynamics of the protein composition of the swine blood. A.G. Kudrinshov, A.M. Evstratova. Nauch. dokl. vys. shkoly; biol. nauki 0 no. 3:80-82 '66.
- Characteristics of protein fractions and amino acid composition of the blood serum in lambs of different lambing time. T.S. Masheev. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:98-100 My-Je '66.
- Interaction of benzene with serum albumin molecules in aqueous solution. V.N. Lomilova and others. Dokl. AN SSSR 169 no. 1:143-145 Ji '66.
- Stepashkina, K.I. [Clinical interpretation of changes in blood proteins] Klinicheskoe tolkovanie sdvigov belkov krovi. Kiev, Gosmedizdat USSR 1963. 204 p. (DNLM)
- Synthesis of proteins and RNA in the erythrocytes in pigeons. B.K. Khaskivadze, V.S. Tongur. Biol. eksp. biol. i med. Gl no. 4:42-43 Ap '66.
- BLOOD TUMOR** see Hematoma
- BLOOD VESSELS—DISEASES**
Acute depressive states with a vascular genesis in forensic psychiatry practice. F.V. Kondrat'ov. Prsk. sudenopshk. ekspert. no. 11:26-31 '66.
- BOARDING SCHOOLS**
Some problems in the work of school inspectors. A. Petrov. Nar. obr. no. 8:20-23 Ag '66.
- BODY FLUIDS**
Methodology of obtaining serous neutrophil exudate in animals. M.S. Makarov. Lab. delo no. 3:455-458 '66.
- Microchemical of mineralizing biological fluids for the determination of general phosphorus in them. E.P. Gachev, D. Mutafchiev. Lab. delo. no. 3:280-282 '66.
- BODY TEMPERATURE—REGULATION**
Changes in the thermoregulation and blood circulation in newborn seals in the transition to aquatic habitat. A.P. Davydov, A.R. Makarov. Fiziol. zhur. 50 no. 7:894-900 Ji '64.
- Thermoregulation and pyrogenic reactivity in rats. E.A. Shevel'ko. Fiziol. zhur. 50 no. 7:901-906 Ji '64.
- BOGACHEV, VLADIMIR VLADIMIROVICH, 1881-1965**
V.V. Bogachev; obituary. Izv. AN SSSR, Ser. geol. 31 no. 7:132-133 Ji '66.
- BOILERS**
Automatic regulation of combustion in boilers. S.R. Rafikman. Energ. i elek. no. 3:26-28 My-Je '66.
- Damages of the collectors of steam coolers. V.F. Zlepko, N.V. Bugai. Energ. i elek. no. 3:14-15 My-Je '66.
- Determining the optimum sizes of heating surfaces in boiler units of steam-gas plants. V.A. Poniatov, I.I. V. Musatov. Izv. vys. ucheb. zav. i energ. 9 no. 7:54-61 Ji '66.
- Kovalev, A.P., ed. [Steam generators] Parogeneratory. [By] A.P. Kovalev, I dr. Moskva, Energiya, 1966. 448 p.
- Method for selecting the optimum capacity of evaporation steps in boilers with stepped evaporation. I.Z. Makhsil, K.M. Abdullaev. Izv. vys. ucheb. zav. i energ. 9 no. 7:113-115 Ji '66.
- BOILERS—ABSTRACTS**
[Boiler manufacture] Ref. zhur. i Koltlostr. no. 8 Je '66. Predmetnyi ukazatel' za 1965 g.
- BOILERS—DESIGN AND CONSTRUCTION**
Doring I.S. [Design of boiler units; manual for preparation of course project for students specializing in heat engineering, gas supply and ventilation] Proekt koltloagregatov; uchebnoe posobie po kursovomu proektirovaniu dlia spetsialistov TGSV. Krasnodarsk, Krasnodarskii politekhn. in-t, 1964. 54 p. [MICROFILM]
- BOILERS, MARINE**
Investigation of deposits on the external heating surface of ship boiler superheaters and their solubility. Kh.N. Kostrov, V.V. Fedorova. Inform. sbor. TSNIIMF no. 154. Tekh. eksp. i mor. flota no. 47:70-79 '66.
- Temperature conditions of the boiler superheaters of the tanker "Pekin." N.I. Denisenko, P.A. Sakharov. Inform. sbor. TSNIIMF no. 154. Tekh. eksp. i mor. flota no. 47:45-54 '66.
- BOILERS, MARINE—CLEANING**
Eliminating the corrosive aggressiveness of wash water during the removal of deposits from the gas side of the heating surfaces of ship boilers. Kh.N. Kostrov, V.V. Fedorova. Inform. sbor. TSNIIMF no. 154. Tekh. eksp. i mor. flota no. 47:80-86 '66.
- BOLIVAR, SIMON, 1783-1830**
Lavretskii, L. Bolivar. [2., ispr. i dop. izd.] Moskva, Molodnaya gvardia, 1966. 206 p. (Zhizn' zamchatel'nykh liudei. Seriya biografii, no. 7(295))
- BOISHEVISM** see Communism
- BOL'SHEZEMEL'SKAYA TUNDRA—ARCTIC FOX**
Age changes of some structural characteristics of skull and baculum in carnivorous mammals and methods of determining age as exemplified by polar foxes (Alopex lagopus L.). V.A. Dolgov, O.L. Rossolimo. Zool. zhur. 45 no. 7:1073-1080 '66.
- BOL'SHOY YUGAN VALLEY—PETROLEUM GEOLOGY**
Emergence of Jurassic in Bol'shoi Yugan Valley and prospects for finding oil in this region. G.P. Odnets. Biol. Kom. chety. per. no. 3:141-145 '66.
- BOL'SHOZERO REGION (KARELIA)—GEOLOGY**
Geology of Bol'shozero region in western Karelia. M.A. Giliarova. Vest. LGU 21 no. 12:30-39 '66.
- BONE**
Fridenshtein, A.IA. [Experimental osteoskeletal osteogenesis] Eksperimental'noe vneskeletnoe kosteobrazovanie. Moskva [Medgiz], 1963. 234 p. (DNLM)
- BONES—PUNCTURE**
Modification of the needle used in intrasosseous infusions. S.P. Pakhomov. Ortop. i travm. i protez. 27 no. 6:74-75 My '66.
- BONES—TRANSPLANTATION**
Comparative evaluation of bone homotransplants prepared by different methods. K.D. Timashkevich. Biol. eksp. biol. i med. 62 no. 7:93-97 Ji '66.
- BONES—TUBERCULOSIS**
Results of diphtheria vaccinations under phthisiavskii protection in bone tuberculosis sanatoriums. V.A. Gol'denberg, L.D. Korsh. Zhur. mikrobiol., epid. i immun. 43 no. 8:17-20 Ag '66.
- BOOKS AND READING**
Mystery of our dates with books. I. Chapygina. Bibliotekar' 43 no. 8:48-51 Ag '66.
- Rubakin on self-education. L. Iofina. Nar. obr. no. 3:86-81 Ag '66.
- BOOKSELLERS AND BOOKSELLING** see subdivision under Ukraine; Voronezh Province
- BOOLEAN FUNCTIONS**
Algorithm of the simplification of Boolean functions using universal digital computers. E.V. Gerts, G.V. Kreinin, M.A. Polinkova. Izv. AN SSSR, Tekh. kdb. no. 2:59-64 Mr-Apr '66.
- BORAGE** see subdivision under Daghestan
- BORATES**
Synthesis and properties of bis(trimethylsilyl) borates. V.F. Grifina and others. Zhur. obshch. khim. 38 no. 7:1283-1285 Ji '66.
- BORAZINE**
Heat-resistant polymer from B-trimethyl-N-triphenylborazole. V.V. Korshak, N.I. Bekasova. Vysokom. soed. 9 no. 8:1363-1365 Ag '66.
- BORDELLA**
Protective antigens of the whooping cough microbe isolated by various methods. I.A. Lapaeva, M.S. Zakharova, I.B. Pavlova. Zhur. mikrobiol., epid. i immun. 43 no. 8:72-77 Ag '66.
- BORING**
(see also subdivision under Baly District; Donetsk Basin; Transbaikalia)
Drilling of ventilation shafts of large diameter. A.P. Khadzarganov, A.S. Danilchuk. Izv. vys. ucheb. zav. i energ. 9 no. 6:128-130 Je '66.
- Effect of reducing the diameter of boreholes on the productivity of mechanical core drilling. V.D. Tarashevich. Razved. i okh. nedr. 32 no. 4:38-41 Ap '66.
- Effective method for decreasing the evokedness of the zenith angle in deep boreholes. I.U.D. Bugakov, L.S. Pervsev. Razved. i okh. nedr. 32 no. 4:56-57 Ap '66.
- Fedorov, V.S., and V.G. Belkov, eds. [Practical calculations in boring] Prakticheskie raschety v burenii. [By] V.S. Fedorov i dr. Moskva, Nedra, 1966. 599 p.
- Kulchikhin, N.I., and B.I. Vozdyzhenskii. [Exploratory boring] Razvedochnoe burenie. Moskva, Nedra, 1966. 451 p.
- Lukashin, P.M., M.O. Kuzarenshchikov, and V.P. Smirnov. [Work organization in deep exploratory boring; work experience of the "Tatneftegazrazvedka" Trust] Organizatsiia rabot po glubokomu razvedochnomu burenii; opyt raboty trusta Tatneftegazrazvedka. Moskva, Nedra, 1966. 147 p.
- Most important technological and economic indexes of test drilling in the seven-year plan and ways for further improvement. E.S. Bubnov and others. Razved. i okh. nedr. 32 no. 4:18-24 Ap '66.
- New technology for hydraulic impact drilling. I.E. Graf. Razved. i okh. nedr. 32 no. 4:31-38 Ap '66.
- Special features of deep prospect drilling for oil and gas. V.M. Zlobin. Neft. khoz. 44 no. 6:12-14 Je '66.
- Studying stress distribution in rocks during percussion boring. S.A. Brylov, L.G. Granchuk. Vzyv. delo no. 58/15:237-244 '66.
- BORING—EFFICIENCY**
Studying the amount of labor required for the boring of mine working faces by bits of various diameters in operating the BU-1 drill. E.O. Mindell, N.S. Rodionov. Vzyv. delo no. 58/15:102-111 '66.
- BORING—EQUIPMENT AND SUPPLIES**
Drilling stopwatch and speedometer. O.P. Leont'ev, P.M. Bratman, M.T. Biletskii. Razved. i okh. nedr. 32 no. 3:52-53 '66.
- A howitzer is a reactive drill. V. Bogatyrev, O. Zhonukovskii. Izobr. i rais. no. 6:9-10 Je '66.
- New device for the orientation of deflectors in artificially crooked boreholes. I.U.D. Bugakov, L.S. Pervsev. Razved. i okh. nedr. 32 no. 4:57-58 Ap '66.
- BORING—TESTING**
Experimental studies of roller bit drilling of hard rocks in strip mining. G.S. Filipev, A.N. Luk'yanov. Vzyv. delo no. 58/15:270-267 '66.
- BORING MACHINERY**
(see also subdivision under Kirovskii Bog Basin; United States)
Analyzing the capacity of rock breaking with the help of direct and reflected shock pulses. K.I. Ivanov, G.G.G. Manzhenko, N.N. Ushkov. Vzyv. delo no. 58/15:253-260 '66.
- The BASH-250 self-propelled drill. I.V. Usvich, V.I. Bekunov. Vzyv. delo no. 58/15:12-12 '66.
- Experience in boring small-diameter blastholes with rotary-percussion drills. I.F. Medvedev, A.I. Paltava, A.P. Buzhlin. Vzyv. delo no. 58/15:12-24 '66.
- Practice in contouring ore bodies with boreholes drilled with KS-50 perforators and BA-100 (NKR-100) submersibles. I.U.S. Pichugin, N.IA. Babkin. Razved. i okh. nedr. 32 no. 3:20-23 '66.
- Practice in operating BSK-2-100 drilling rigs. S.V. Ivangev, L.A. Shumov. Razved. i okh. nedr. 32 no. 3:25-25 '66.
- Stand for testing drilling rigs having a spindle-type rotator. I.D. Popov, E.T. Polshchuk. Razved. i okh. nedr. 32 no. 3:48-52 '66.
- The HBIT-1 unit for drilling holes. V.K. Rudakov, V.P. Krendelov. Biol. tekhn.-ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform. 19 no. 6:33-34 Je '66.
- BORING MACHINERY—DESIGN AND CONSTRUCTION**
Comparative efficiency of modern roller bit boring machines. A.N. Luk'yanov. Vzyv. delo no. 58/15:74-80 '66.
- Distribution of the force of the shock pulse in the tool used in boring deep blastholes by rock drills with an independent rotation of the bit. V.D. Andreev, K.I. Ivanov. Vzyv. delo no. 58/15:219-225 '66.
- Forming of stress pulses in shock units of boring machinery. V.D. Andreev. Vzyv. delo no. 58/15:147-155 '66.
- Influence of the shape of hard-alloy inserts on the resistance of a boring bit. I.I. Anovskii and others. Vzyv. delo no. 58/15:167-167 '66.
- Making of high strength boring bits for sinker hammers with a high force of impact. G.A. Sovetov, A.M. Chuvilov. Vzyv. delo no. 58/15:167-170 '66.
- The new boring equipment made by the "Pnevmatika" Plant. V.M. Vasil'ev. Vzyv. delo no. 58/15:29-40 '66.
- Percussion-rotary drills made abroad. L.V. Belavin, I.U.F. Avdonin, A.R. Gal'van. Vzyv. delo no. 58/15:46-50 '66.
- The SSSH-250 drill. V.D. Chugunov, I.E. Narinskii. Vzyv. delo no. 58/15:46-45 '66.
- BORING MACHINERY—EFFICIENCY**
Efficiency of roller bit boring in apatite open-pit mines. F.G. Grachev and others. Vzyv. delo no. 58/15:80-86 '66.
- Studying the optimum parameters of roller bit boring in apatite open-pit mines. F.G. Grachev. Vzyv. delo no. 58/15:112-118 '66.

BOREING MACHINERY—PARTS

Breaking of rocks by shock pulses generated by variously shaped pistons. K. I. Ivanov, V. D. Andreev. Vzyv. delo no. 58/15:244-253 '66.

BOREING MACHINERY—PNEUMATIC DRIVING

Correlation between the recoil and the optimum axial force. V. A. Latshev. Vzyv. delo no. 58/15:129-140 '66.

Critical angle of pitch of air lag-mounted drills. L. B. Korol'. Vzyv. delo no. 58/15:140-147 '66.

BOREING MACHINERY—STANDARDS

Unified dimensions and shapes of drilling-rod shanks. N. V. Grebnev. Stand. i kach. 30 no. 3:93 Mr '66.

BOREING MACHINERY—TESTING

(see also subdivision under Krvoy Rog Basin)

Results of industrial testing of the BU-70 drill. I. M. Ostrov, L. I. Beloborodov, V. E. Val'denberg. Vzyv. delo no. 58/15:24-28 '66.

BORON

Characteristics of the migration and accumulation of boron in Permian underground waters. V. M. Semenov. Biul. MOIP, Otd. geol. 41 no. 2: 142-143 Mr-Apr '66.

BORON—EFFECT ON PLANTS see Plants, Effect of boron on

BORON CARBIDES

Thermal diffusion interaction of tantalum with boron carbide powder in a vacuum. G. A. Meerson and others. Izv. AN SSSR, Neorg. mat. 2 no. 4:604-607 Ap '66.

BORON HYDRIDES

Gurevich, B. G., and others. [Increasing wear resistance and service life of parts by electrolytic saturation with boron hydrides] Povyshenie iznosostoykosti i sroka sluzhby detalей путем электролитического борирования. Leningrad. Leningr. organizatsiya ob-va "Znanie" RSFSR, 1966. 31 p. (Leningradskiy dom nauchno-tekhnicheskoy propanday. Proizvodstvennyy opyt. Seriya: Uluchsheniye kachestva, povysheniye nadezhnosti i dolgovechnosti mashin, priborov i drugih promyshlennyykh izdelii)

BORON NITRIDES

Antifriction properties of boron nitride during dry friction in gaseous media and at low temperatures. V. F. Afanas'ev, D. M. Karpinos. Porosh. met. 6 no. 7:49-52 Ji '66.

BORON ORGANIC COMPOUNDS see Organoboron compounds

BORONIC ACIDS

Synthesis and reactivity of acetylenylboronic acid esters. L. G. Sharagina, V. S. Zavgorodni, A. A. Petrov. Zhur. ob. khim. 36 no. 7:1275-1283 Ji '66.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOTANICAL CHEMISTRY

Konarev, V. G. [Cytochemistry and histochemistry of plants] Tsitokhimiya i gistokhimiya rastenii. Moskva, Vysshaya shkola, 1966. 319 p.

BOTANICAL GARDENS see subdivision under Balm

BOTANY

(see also subdivision under Krasnoyarsk Territory)
Leisle, V. F. [Botany] Botanika. Moskva, Vysshaya shkola, 1966. 348 p. (DNAL)

BOTANY—ANATOMY

Anatomical structure of *Peganum nigellastrum*. L. K. Safina. Trudy Inst. bot. AN Kazakh. SSR 22:210-222 '66.

Anatomical study of *Lagochilus hirtus* Fisch. et Mey. R. G. Medvedeva. Trudy Inst. bot. AN Kazakh. SSR 22:181-192 '66.

Anatomical study of *Polygonum coriaria* L. R. G. Medvedeva, K. Zh. Bozhanova. Trudy Inst. bot. AN Kazakh. SSR 22:193-209 '66.

Anatomy of the grafting of some pine species. V. N. Nalukhin. Izv. vyz. ucheb. zav. i iss. zhur. 8 no. 3:36-40 '66.

BOTANY—ECOLOGY

Some data on the indication of the salinization of upper soil horizon based on vegetation. E. L. Nukhimovskii. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:72-84 Mr-Apr '66.

BOTANY—EMBRYOLOGY

Embryology of some plum varieties. L. I. Surkova, K. P. Skripina. Nauch. dokl. vyz. shkoly; biol. nauki 9 no. 3: 124-127 '66.

BOTANY—PHYSIOLOGY see Plant physiology

BOTANY—VARIATION

Biochemical changes linked with mutations of the loss of anthocyanin coloration of flowers in some plants. Halida al Bassam. Dokl. AN SSSR 169 no. 6:1405-1408 Je '66.

Photosynthetic *Plasma sativum* mutant. S. A. Gostimskii. Genetika no. 4:80-85 Ap '66.

BOTANY, MEDICAL

(see also subdivision under Alma-Ata; Kazakhstan)

Quality control of medicinal plant raw material in Russia in the 17th and 18th centuries. M. O. Lychenko. Farmatsev. zhur. 20[f. e. 2] no. 4:66-68 '66.

BOTTOM LANDS see Alluvial plains

BOTRYTIS

Two forms of Botrytis disease of the broad bean *Vicia faba* L. V. B. Vasin. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:67-71 Mr-Apr '66.

BOTTLING

Bottling of barreled wine. P. Bukhtiarov. Sov. potreb. koop. 10 no. 6:25 Je '66.

BOUNDARY LAYER

Boundary layer at a surface of heavy curvature in a longitudinal direction. A. N. Rakhmanovich. Trudy. Ufim. av. inst. no. 2:3-22 '66.

BOUNDARY VALUE PROBLEMS

Estimates of the derivatives of Green's matrices for a parabolic boundary value problem in a half-space. S. D. Eidel'man, S. D. Ivanyashin. Dop. AN URSSR no. 7:846-849 '66.

Infinitesimal flexures of convex surfaces with the boundary condition of generalized gliding. V. T. Fomenko. Sib. mat. zhur. 7 no. 4:936-953 Ji-Ag '66.

BOX MAKING

Production of containers from rotary-cut veneer. V. F. Domnitskii. Der. prom. 15 no. 6:15-16 Je '66.

BOX MAKING—MECHANIZATION

Overall mechanization of the production of cardboard boxes. A. M. Zhuravlev. Mekh. i avtom. proizv. 20 no. 7:21-23 Ji '66.

BOYARKA VALLEY (KRASNOYARSK TERRITORY)—GEOLOGY, STRATIGRAPHIC

Rhythmicity and traces of water erosion in the Neocene of the Boyarka Valley (Khatanga Depression). E. G. Ildovnyi, V. A. Zakharov. Geol. i geofiz. no. 4:38-42 '66.

BRACHIOPODA, FOSSIL see subdivision under Onega Lake region; Samara Bend

BRAIN

Biochemical changes in the brain during reflexes causing dysphagia of the gastric mucosa. E. V. Moveva. Biul. eksp. biol. i med. 62 no. 7:49-52 Ji '66.

Cytologic study of monolayer cell culture of chick embryo brain tissue. M. K. Karakumuchian, N. G. Pot'dman. Biul. eksp. biol. i med. 61 no. 4:92-94 Ap '66.

Effect of the stimulation of the anterior gyrus cinguli and amygdaloid nuclei on the secretory activity of salivary and gastric glands. P. H. Bohach, Nguyen Dinh Dau. Fiziol. zhur. [Ukr.] 12 no. 4:452-458 Ji-Ag '66.

Hereditary, environment, brain, and problem solving. D. Krech. Vop. psikh. 12 no. 3:39-43 My-Je '66.

Morphofunctional and biochemical changes in different cerebral formations under effect of etelazine; experimental data. S. A. Sarkisov and others. Zhur. nevr. i psikh. 66 no. 8:1169-1177 '66.

BRAIN—BLOOD SUPPLY

Electric activity of the brain during experimental occlusion of the cerebral vessels. Sh. I. Bibilishvili. Trudy TSU 81:3-7 '66.

BRAIN—DISEASES

Acoustic allachesthosis. L. N. Pines. Zhur. nevr. i psikh. 66 no. 8:1141-1145 '66.

Changes in central nervous system in prolonged circulatory hypoxia. T. M. Vikhart. Arkh. pat. 20 no. 6: 63-68 '66.

Morphological changes in brain and internal organs of dogs following clinical death under conditions of hypothermia. N. P. Romanova. Arkh. pat. 26 no. 6:69-73 '66.

Movement disorders in focal lesion of mediobasal part of temporal lobe. N. N. Bragina. Zhur. nevr. i psikh. 66 no. 8:1137-1141 '66.

Significance of simultaneous recording of rheoencephalograms and electroencephalograms for determination of localization of focal cerebral lesion vascular or tumorous origin. V. E. Matrochik, Kh. Kh. Iarullin. Zhur. nevr. i psikh. 66 no. 8:1146-1156 '66.

BRAIN—LOCALIZATION OF FUNCTIONS

Significance of simultaneous recording of rheoencephalograms and electroencephalograms for determination of localization of focal cerebral lesion vascular or tumorous origin. V. E. Matrochik, Kh. Kh. Iarullin. Zhur. nevr. i psikh. 66 no. 8:1146-1156 '66.

Structural characteristics of cerebral cortex and subcortical formations of visual analyzer in process of development. N. S. Pirozhnikovskaya. Zhur. nevr. i psikh. 66 no. 8:1203-1207 '66.

BRAIN—SURGERY

Initial morphological changes in central nervous system following surgical removal of neglected tumors of cerebral hemispheres. A. B. Agalarov. Zhur. nevr. i psikh. 66 no. 8:1104-1105 '66.

Role of anterior corpus bigenicum in course of conditioned reflexes to visual stimuli in dogs. N. S. Il'inskiy. Zhur. vyz. nerv. i otd. 16 no. 4:737-739 Ji-Ag '66.

Role of training in stabilization of conditioned connections in hemiparesis after stroke. T. A. Mikhlin. Zhur. vyz. nerv. i otd. 16 no. 4:637-642 Ji-Ag '66.

Simple method for dissecting the corpus callosum. I. T. Aspaev. Biul. eksp. biol. i med. 61 no. 4:122-124 Ap '66.

BRAIN—TUMORS

Changes in the electric excitability of non-specific structures of the brainstem in experimental cerebral tumor. M. A. Lapitskii. Trudy TSU 81:25-26 '66.

Initial morphological changes in central nervous system following surgical removal of neglected tumors of cerebral hemispheres. A. B. Agalarov. Zhur. nevr. i psikh. 66 no. 8:1104-1105 '66.

Material on histochemical characterization of cerebral tumors in rats. M. S. Abdulhachisheva, I. N. Pirogov, N. G. Faia. Arkh. pat. 20 no. 5:69-71 '66.

Morphological study of the nucleus of the sublingual gland in man under normal conditions and in brain tumor. B. N. Larina. Biul. eksp. biol. i med. 61 no. 4:119-124 Ap '66.

BRAIN—WOUNDS AND INJURIES

Role of vascular disorders in the formation of demyelinations in a patient with traumatic lesion of the brain. S. P. Razumovskii. Truk. otdel. med. i biol. eksp. 10:17-25 '66.

Some vegetative and vascular reactions in acute cerebral trauma of a light and medium degree. V. V. Koteneva. Trudy TSU 81:21-24 '66.

Urgent problems in treating a nervous system trauma. I. A. Belopol'skii, T. P. Belopol'skaya, V. I. Yashin. Ortop. i travm. i protez. 27 no. 5:49-47 Ap '66.

BRACKS—PARTS

Mechanized labor-consuming operations in the production of brake shoes. V. M. Krivonozhev. Mekh. i avtom. proizv. 20 no. 7:17-18 Ji '66.

BRATSK RESERVOIR—PHYTOPLANKTON

First data on the phytoplankton of Bratsk Reservoir. O. M. Kozhova. Izv. SO AN SSSR no. 4: Ser. biol. i med. nauk no. 1:161-167 '66.

BREMSTRÄHLUNG

Bremstrahlung from a charged particle in a Coulomb field. V. S. Kirin, A. B. Kereschidze. Sov. fiz. Gruz. SSR 43 no. 1:61-66 Ji '66.

Cross section of double bremsstrahlung in an electron in the small-angle approximation. V. B. Sinyashin. Fiz. fiz. 4 no. 3:366-360 Ap '66.

BREST-LITOVSK, TREATY OF, MAR. 3, 1918 (GERMANY)

Revolution of November 1918 in Germany and background of annexation Treaty of Brest-Litovsk. I. I. Skvortsov. Pyt. nov. i nov. ist. no. 2:65-60 '66.

BREST PROVINCE—LIBRARIES, CHILDREN'S

With enthusiasm. G. Brulila. Bibliotekar' 43 no. 8:31-30 Ap '66.

BRIDGES—DESIGN AND CONSTRUCTION

Evgenev, G. K., and N. N. Bogdanov. [Design of bridges] Proekhtirovanie mostov. Moskva, Transport, 1966. 663 p.

Gibshman, E. E., I. S. Akseil'rod, and M. E. Gribshman. [Bridges] Mosty. Pod obshchey red. E. E. Gibshmana. Moskva, Transport, 1966. 439 p.

BRILLIANT GREEN

Photoconductivity kinetics of sulfate and oxalate of basic brilliant green. A. M. Moshekov. Dokl. AN SSSR 169 no. 1:154-157 Ji '66.

BRINELL TEST

Device for determining metal hardness of large parts. V. F. Rvach, A. P. Zarubkin. Tekh. i org. proizv. no. 1:63 Ja-F '66.

BRUQUETS

Time-strength dependence of organic compressed materials. N. I. Gamalunov, O. A. Tsepilav. Kell. zhur. 20 no. 3:350-352 My-Je '66.

BRUQUETS—THERMAL PROPERTIES

Heat conductivity of chip metal bruquets. I. U. G. Gerasimov, I. N. Nikitenko, V. S. Novopavlovskii. Izv. prot. no. 5:42-43 My '66.

BROAD BEAN—DISEASES AND PESTS

Two forms of Botrytis disease of the broad bean *Vicia faba* L. V. B. Vasin. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:67-71 Mr-Apr '66.

BROKERS

Definition of commercial brokership in Soviet criminal law. M. D. Lysov. *Izv. vys. ucheb. zav.; prav.* 10 no. 1:84-93 '66.

BROMINE

Action of bromine and hydrogen chloride on some aromatic organo-mercurium compounds. S. A. Saran-kina, Z. M. Manikina. *Zhur. ob. khim.* 35 no. 7: 1299-1301 JI '66.

BRONCHI—BLOOD SUPPLY

Structural changes in bronchial arteries and the development of collateral blood circulation following the ligation of lobular branches of the pulmonary artery. I. A. Maksimuk. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3:58-63 '66.

BRONCHI—DISEASES

Some problems of the histogenesis of bronchogenic pulmonary cancer. V. A. Dobrynin. *Ark. pat.* 28 no. 5:35-39 '66.

BRONCHIECTASIS

Bronchiectasis following resection of lungs. N. I. Makhov and others. *Khirurgiya* 42 no. 6:96-103 Je '66.

Gontsov, I. A. [Bronchiectasis; diagnosis and treatment] *Bronkhiekticheskaya bolezn'; diagnostika i lechenie*. Kishinev, Karla moldovenianke, 1966. 156 p. (DNLN)

BRONZE—METALLURGY

Effect of rare-earth metals on the structure and properties of Br. CS 5-25 bronze. V. M. Chursin, A. M. Pimenov, V. T. Orel. *Liz. prozv.* no. 5:42 My '66.

BRONZE FOUNDRY

Blowing OTSSN-7-5-1 bronze by nitrogen and flux powder in a stream of nitrogen. V. M. Chursin and others. *Liz. prozv.* no. 5:9-11 My '66.

BROWN, GEORGE, 1903-

Men and events: George Brown. *Nov. vrem.* 24 no. 34: 12 Ag '66.

BRUCELOSIS

Characteristics of the clinical course of acute brucellosis at the present-day stage. Z. I. A. Kremneva. *Sov. med.* 29 no. 7:134-137 JI '66.

Histochemical characteristics of acid mucopolysaccharides in brucellosis. N. I. Tatishvili. *Soob. AN Gruz. SSR* 43 no. 1:118-121 JI '66.

BRUCINE

Determination of strychnine and brucine in their mixtures. B. I. Shvaydkiy, V. P. Kramarenko, P. M. Tsvetkov, Zhur. 21 no. 3:20-24 '66.

BRYANSK—WOOLEN AND WORSTED MANUFACTURE

Moscow. Tsentral'nyi institut nauchno-tekhnicheskoi informatsii i tekhniko-ekonomicheskikh issledovaniy promyshlennosti stroitel'nykh materialov. [Effect of additives of surface-active agents on finishing concretes and mortars; review] *Viliatie delavok povorkhnostno-aktivnykh veshchestv na otelochnye betony i rastvory; obzor*. Moskva, 1965. 10 p. (Tekhnicheskaya informatsiya)

BRYANSK PROVINCE—BUCKWHEAT

Chemical weed control in buckwheat fields. A. A. Kolosova. *Zemledelie* 28 no. 5:52-53 My '66.

BRYANSK PROVINCE—COLLECTIVE FARMS—FINANCE

The collective-farm net income as the main source for the replenishment of communal consumption funds. F. P. Evseenko. *Uch. zap. MOPI* 141:121-134 '64.

Net income and accumulations within individual production units of a collective farm. F. P. Evseenko. *Uch. zap. MOPI* 141:76-101 '64.

BRYANSK PROVINCE—DESCRIPTION

[Geography of Bryansk Province; a textbook for 8th grade students] *Geografiya Brjanskoi oblasti; uchebnoe posobie dlia uchashchikhsia 8 klassa*. Brjansk, 1965. 133 p. illus., maps (in pocket) (CSI-II)

BUCKWHEAT

(see also subdivision under Bryansk Province)

Bees and crops. M. Vakhitov. *Zemledelie* 28 no. 5:73 My '66.

Increase production of buckwheat and millet. I. Elagin. *Zer. i masl. kult.* 1 no. 1:29-32 '66.

Isolation of 13S-globulin from buckwheat seeds. L. N. Viktorova, V. O. Shpikiter. *Dokl. AN SSSR* 198 no. 2: 474-478 JI '66.

On the time for planting buckwheat. P. Malikov. *Zemledelie* 28 no. 5:72 My '66.

Plant buckwheat. L. A. Karlova, V. B. Trofimova. *Zemledelie* 28 no. 5:70-71 My '66.

BUDDHA AND BUDDHISM

see subdivision under Ceylon

BUDDING

Genesis of the vegetative tea buds and phases of their development. I. G. Korkadze. *Subtrop. kul't.* no. 1:99-103 '66.

BUDGET

(see also subdivision under Afghanistan; Bashkiria; United States)

Carry out successfully the first-year budget of the five-year plan. *Fin. SSSR* 40 no. 7:3-6 JI '66.

Vishninkov, S. A., and R. A. Kudrinskoy. [Preparation and implementation of the rural budget; a practical guide for workers of rural soviets and financial organs] *Sostavlenie i ispolnenie sel'skogo budzheta; prakticheskoe posobie dlia rabotnikov sel'skikh Sovetov i finansovykh organov*. Moskva, Finansy, 1966. 125 p.

BUDGET IN BUSINESS

Dudukov, G. F., and N. A. Kisman. [An enterprise and its budget] *Predpriatie i budzhet*. Moskva, Finansy, 1966. 47 p.

BUG VALLEY—ROCKS, IGNEOUS

Sulfide mineralization of effusive rocks in the middle of Bug Valley. E. I. Lohvyn. *Dop. AN URSR* no. 7:934-937 '66.

BUG VALLEY—SULFIDE ORES

Sulfide mineralization of effusive rocks in the middle of Bug Valley. E. I. Lohvyn. *Dop. AN URSR* no. 7:934-937 '66.

BUG VALLEY—WORLD WAR, 1939-1945

Platonov, V. V. [It happened on the Bug] *Eto bylo na Bugu*. Moskva, Voenizdat, 1966. 141 p. (Gerolicheskoe proshloe nashel Rodiny)

BUANOVSKII, VITALII MIKHAILOVICH

Leningrad's first French horn. E. Barutcheva. *Sov. muz.* 30 no. 5:81-84 My '66.

BUILDING—DETAILS

(see also subdivision under Moscow)

Moscow. Tsentral'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy promyshlennosti stroitel'nykh materialov. [Effect of additives of surface-active agents on finishing concretes and mortars; review] *Viliatie delavok povorkhnostno-aktivnykh veshchestv na otelochnye betony i rastvory; obzor*. Moskva, 1965. 10 p. (Tekhnicheskaya informatsiya)

BUILDING—ELECTRIC EQUIPMENT

Lebedev, N. N. [Operation of electric installations in construction] *Eksploataatsia elektroustanovok na stroitel'stvo*. Izd. 3., perer. i dop. Moskva, Stroiizdat, 1966. 231 p.

BUILDING—GRAPHIC METHODS

Gutsev, N. M. [Combined integral flow graphs in construction] *Sovmestichennyye integral'nye grafiki dvizheniya materialov v stroitel'stve*. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 23 p.

BUILDING—SAFETY MEASURES

Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stva. [Methodological instructions on working out problems of safety measures and industrial hygiene in plans of construction organization and carrying out of work] *Metodicheskie ukazaniya po razrabotke voprosov tekhniki bezopasnosti i proizvodstvennoi sanitarii v proektnykh organizatsii stroitel'stva i proizvodstva rabot*. Izd. 2., perer. Moskva, Stroiizdat, 1966. 55 p.

BUILDING—STUDY AND TEACHING

Russia (1923- U.S.S.R.) Gosudarstvennyi proizvodstvennyi komitet po energetike i elektrifikatsii. Upravlenie kadrov. Uchebno-metodicheskii kabinet. [Methodological manual for teachers handling courses on improvement of qualifications of building site fitters] *Uchebno-metodicheskoe posobie dlia prepodavatelei kursov povysheniia kvalifikatsii armaturnykh stroitel'bol ploshchadi*. Moskva, 1965. 47 p. (MICROFILM)

BUILDING—TECHNOLOGICAL INNOVATIONS

Measures based on innovation suggestions in capital construction. A. K. Nischenko. *Izv. vys. ucheb. zav.; prav.* 10 no. 1:52-59 '66.

BUILDING, IRON AND STEEL

Bellay, B. I., ed. [Handbook for markers of steel structural elements] *Spravochnik razmetchika stal'nykh konstruktii*. Izd. 2., perer. Moskva, Stroiizdat, 1966. 203 p. (Spravochnik po spetsial'nym rabotam)

BUILDING, METAL

Lashchenko, M. N. [Controlling stresses in metal structures] *Regulirovanie naprazhenii v metallicheskikh konstruktstakh*. Leningrad, Stroiizdat, 1966. 180 p.

BUILDING AND LOAN ASSOCIATIONS

The Civil Code of the R.S.F.S.R. on the problems of housing and building cooperatives. I. S. Gurevich. *Izv. vys. ucheb. zav.; prav.* 10 no. 1:33-41 '66.

BUILDING MATERIALS

Gladikh, K. V. [Slags are not wastes, but valuable raw materials] *Shlak - ne otkhody, a tsennoe syr'ye*. Moskva, Stroiizdat, 1966. 112 p. (Nauchno-populnarnai seriya)

Golant, Sh. H. [Using synthetic materials in the repair of residential buildings] *Primenenie sinteticheskikh materialov pri remonte zhilykh zdani*. Leningrad, Stroiizdat, 1966. 119 p.

BUILDING MATERIALS—TRANSPORTATION

see subdivision under Black Sea region

BUILDING TRADES—STUDY AND TEACHING

Russia (1917- R.S.F.S.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [All-Union Correspondence Engineering Construction Institute] *Vsesoiuznyi zaочnyi inzhenerno-stroitel'nyi institut*. Moskva, 1965. 6 p.

BUILDINGS—DRYING

Komina, G. P. [Gas-fired air-heating furnace for drying buildings; using the mixture of combustion products of hydrocarbon gas and air] *Gazovaya vozdukhonagrevatel'naya pech' dlia sushki zdani; ispol'zovanie amesi produktov sgoraniia uglevodorodnogo gaza s vozdukhom dlia sushki zdani*. Leningrad, 1966. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennoi opyt. Seriya: Stroitel'noe proizvodstvo)

BUILDINGS—FOUNDATIONS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po dolam stroitel'stva. [Provisional instructions on designing foundation beds and foundations for buildings constructed on swelling soils] *Vremennyye ukazaniia po proektirovaniu osnovanii i fundamntov zdani i sooruzhenii vozvodimkhi na nabukhaushchikh gruntakh* (SN 331-05). Moskva, Stroiizdat, 1966. 15 p.

BUILDINGS—MAINTENANCE AND REPAIR

Golant, Sh. H. [Using synthetic materials in the repair of residential buildings] *Primenenie sinteticheskikh materialov pri remonte zhilykh zdani*. Leningrad, Stroiizdat, 1966. 110 p.

BUKOVINA—AGRICULTURAL ADMINISTRATION

The party organization of Chernovtsy Province in the struggle for the rapid development of agriculture, 1953-1958. V. M. Kurylo. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:109-121 '63.

BUKOVINA—COLLECTIVE FARMS

Struggle of the party organization of Chernovtsy Province for the organizational and economic consolidation of collective farms, 1951-1953. M. T. Shapeta. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:68-81 '63.

Struggle of the province party organization for the socialist reconstruction of agriculture, 1946-1950. V. V. Tymchenko. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:57-68 '63.

BUKOVINA—COST AND STANDARD OF LIVING

Efforts of the province party organization to raise the cultural level and material prosperity of Soviet Bukovina's workers, 1953-1958. I. F. Kaluzhnyi. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:121-131 '63.

BUKOVINA—ECONOMIC CONDITIONS

Efforts of the province party organization to restore the economy and cultural institutions of Bukovina, April 1944-December 1945. I. F. Kaluzhnyi. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:32-42 '63. Incorporation of Bukovina into the Ukrainian S.S.R. and the first steps in the building of socialism. M. O. Lisichenko. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:7-20 '63.

BUKOVINA—EDUCATION

Efforts of the province party organization to raise the cultural level and material prosperity of Soviet Bukovina's workers, 1953-1958. I. F. Kaluzhnyi. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:121-131 '63.

Struggle of the party organization for the cultural development of Chernovtsy Province, 1949-1953. L. I. Vasuk. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:62-64 '63.

BUKOVINA—INDUSTRIES

How the party organization of Chernovtsy Province tried to restore and develop socialist industry, 1946-1953. V. M. Malysheko. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:42-57 '63.

How the province party organization struggled for the further industrial development of Bukovina, 1953-1958. I. H. Martynenko. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:94-109 '63.

BUKOVINA—SOCIAL GROUP WORK

Struggle of the party organization for the cultural development of Chernovtsy Province, 1946-1953. L. I. Vasuk. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:62-64 '63.

BUKOVINA—TECHNOLOGICAL INNOVATIONS

Economy of 4900 rubles. M. Mal'kov. *Sov. potreb. koop.* 10 no. 6:22 Je '66.

BUKOVINA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

The Communist Party at the forefront of the workers' struggle during the temporary occupation of Bukovina by the German and Rumanian Armed Forces. O. A. Chornushchenko. *Nauk. zap. Chern. un.* 60. Ser. susp. nauk no. 3:20-32 '63.

- BULGARIA—BIBLIOGRAPHY**
[New literature on Bulgaria] Nov. It. po Bolg. no. 6 '66.
- BULGARIA—ECONOMIC CONDITIONS**
Path chosen by the people. Z. Mirskii. Nov. vrem. 24 no. 37:3-4 S '66.
- BULGARIA—HISTORICAL MUSEUMS**
Museum of Bulgarian-Russian friendship in Sofia. Dimitr Krumov. Ukr. ist. zhur. 10 no. 6:100-103 Je '66.
- BULGARIA—LAND TENURE**
Agrarian reform is important premise of transition of Bulgarian peasantry to socialism. A. I. Chernii. Pyt. nov. ta novit. ist. no. 2:3-15 '65.
- BULGARIA—RED SPIDER**
Studying the acquired resistance to thiophosphoric preparations in the red spider Panonychus ulmi. A. Bulevski. Khim. v sel'. khoz. 4 no. 6:19-20 Je '66.
- BULGARIA—RELATIONS (GENERAL) WITH RUSSIA**
History of Russo-Bulgarian contacts from 1887 through 1895. A. K. Martynenko. Pyt. nov. ta novit. ist. no. 2:68-81 '65.
- BULGARIA—SINTERING**
Conditions of producing fluxed sinter from concentrates of the Obrochishte (Bulgaria) deposit and separated converter slags of the Kremikovtsi Metallurgical Combine. A. I. Georgiev and others. Izv. vys. ucheb. zav.; Chern. met. 9 no. 7:40-47 '66.
- BULGARIA—WORLD WAR, 1939-1945**
How Bulgarian historiography presents national liberation and class struggle of Bulgarian people during Second World War. I. V. Hanevych. Pyt. nov. ta novit. ist. no. 2:140-155 '65.
- BULIS—FEEDING AND FEEDS**
Comparative evaluation of urea and ammonium bicarbonate fed to castrated bull calves. V. A. Shul'ga. Khim. v sel'. khoz. 4 no. 7:45-46 Ji '66.
- BUREYA RANGE REGION—GLACIAL EPOCH**
Ancient glaciation of Dussae-Alin', Yam-Alin', and Tyil'skiy Ranges. V. K. Shevchenko. Sbor. st. po geol. i gidrogeol. no. 5:32-38 '65.
- BURMESE LANGUAGE—PHONETICS**
Zlatoverkhova, V. G. [Phonetics of literary Burmese; experimental studies] Fonetika birman'skogo literaturno-lazyka; eksperimental'nye issledovaniia. Moskva, Nauka, 1966. 124 p.
- BURNS AND SCALDS**
Cause of death from burns. E. V. Bonch-Bruевич. Sov. med. 29 no. 5:26-34 My '66.
Treatment of patients with severe burns with exchange transfusions of blood. V. I. Babluk. Ortop., travm. i protez. 27 no. 7:64-66 Ji '66.
Use of Professor F. A. Etendlevs method in the treatment of burns. N. M. Khanaliev, I. G. Garbanaliev. Azerb. med. zhur. 43 no. 3:36-39 My '66.
- BURYAT A.S.S.R.—IRON ORES**
Genesis of Erevan iron-ore deposits (western Transbaikalia, Buryat A.S.S.R.). I. V. Konovalov. Dokl. AN SSSR 169 no. 1:181-183 Ji '66.
- BUS CONDUCTORS (ELECTRICITY)**
Belov, G. V. [Installation of flexible bus conductors in power distribution systems] Oshinovka raspredelitel'nykh ustroystv gibkimi provodami. Moskva, Energiia, 1966. 103 p. (Biblioteka elektromontera, no. 196)
- BUSINESS ENTERPRISES**
Dundukov, G. F., and N. A. Kisman. [An enterprise and its budget] Predpriiatie i buudzhet. Moskva, Finansy, 1966. 47 p.
Legal capacity of incorporated business enterprises to be a party in labor relations. N. P. Chernomorchenko. Izv. vys. ucheb. zav.; prav. 10 no. 1:42-51 '66.
Nature of relationship of enterprises and apprentices. K. Abzhanov. Izv. vys. ucheb. zav.; prav. 10 no. 1:130-133 '66.
- BUSINESS ENTERPRISES—ACCOUNTING**
Strengthening business accounting in the operation of enterprises. I. Reznatov'skiy. Rad. pravo 29 no. 7:57-62 Ji '66.
- BUSINESS MATHEMATICS—PROBLEMS, EXERCISES, ETC.**
Srebrodolskii, N. D. [Collection of problems in commercial computations] Sbornik zadach po torgovym vychisleniim. [2., izd. perer. i dop.] Moskva, Ekonomika, 1966. 166 p.
- BUTADIENE**
Mathematical model of a technological complex in the production of concentrated bityl. I. A. Dragilov, M. S. Mett. Izv. vys. ucheb. zav.; nef't. i gaz 9 no. 3:98-104 '66.
- Phosphorylation of phenylbutadiene. G. K. Fedorova, I. A. P. Shaturskii. Zhur. ob. khim. 36 no. 7:1262-1267 Ji '66.
- BUTADIENE POLYMERS**
Association of potassium polybutadiene in hydrocarbon media. R. V. Basova, A. R. Gantmakher, S. S. Medvedev. Dokl. AN SSSR 169 no. 2:368-370 Ji '66.
- BUTADIENE**
Chemistry of polyene and polyacetylene compounds. Report No. 18: Amines of the diacetylene series. B. P. Gusev and others. Izv. AN SSSR. Ser. khim. no. 7:1209-1213 '66.
- BUTANE**
Oxidative dehydrogenation of isopentane in the presence of iodine, oxygen, and CaO and CaCO₃ mixture. I. A. Turbaev and others. Neftekhimiia 6 no. 3:389-396 My-Je '66.
- BUTANEDIOL**
Optimization of the hydrolytic decomposition of 4, 4-dimethyl-1, 3-dioxane into 3-methyl-1, 3-butanediol under isobutylene pressure by statistical planning of the experiment. T. D. Basmala and others. Neftekhimiia 6 no. 3:463-467 My-Je '66.
- BUTANEDIOL—PHYSIOLOGICAL EFFECT**
Characteristics of disorders of embryogenesis under the effect of mycogan in early stages of development in rats. V. A. Aleksandrov. Bliz. ekup. biol. i med. 61 no. 4:81-85 Ap '66.
- BUTENE**
Composition of n-butene oxidative dehydrogenation products obtained on a bismuth-molybdenum catalyst. A. L. TSailingold and others. Neftekhimiia 6 no. 3:367-373 My-Je '66.
Deformation of crystalline polybutylene. V. A. Kargin, I. U. TSarevskaya. Vysokom. soed. 8 no. 8:1455-1458 Ag '66.
Effect of oxygen in the oxidative dehydrogenation of butenes to bityl on a bismuth-molybdenum catalyst. R. A. Zimlin, S. Z. Roginskii, M. I. Ivanovskii. Neftekhimiia 6 no. 3:374-379 My-Je '66.
Oxidative dehydrogenation of isooctenes on a bismuth-molybdenum catalyst. A. A. Vartanov, M. S. Belon'kii, T. G. Alkhazov. Neftekhimiia 6 no. 3:387-391 My-Je '66.
Synthesis and study of ethylene and α -butylene copolymers. M. A. Dalin, A. A. Buniat-zade, E. L. Bulatnikova. Plast. massy no. 3:4-5 '66.
- BUTIPHOS**
Results of testing butiphos for cotton. T. S. Zakirov, I. G. Vasilievskii. Khim. v sel'. khoz. 4 no. 8:45-48 Ag '66.
- BUTYL PHOSPHATES**
Activity of water in water-tributyl phosphate at 25° C. A. N. Kirgintsev, A. V. Luk'ianov. Radiokhimiia 8 no. 3:363-365 '66.
- BUTYRIC ACID**
Separation of rare-earth elements from thorium, scandium, and uranium by the extraction with n-butyric acid. L. L. Galkina. Radiokhimiia 8 no. 3:358-360 '66.
Synthesis of rhodanine derivatives on the basis of α -aminobutyric acid. L. A. Ladua. Farmatsev. zhur. 20 (i.e., 21) no. 4:14-18 '66.
- CABBAGE—DISEASES AND PESTS**
(see also subdivision under Kharkov Province)
Chlorophos increases the yield of cabbage. A. Riazantsev, V. Budzhanov. Zashch. rast. 11 no. 7:21-22 '66.
- CABINET OFFICERS** see subdivision under Grant Britain
- CABLEWAYS**
Organization of an efficient joint work of a man with the PKU-1 mobile unit. B. P. Karanadze. Subtrop. kult. no. 1:145-149 '66.
- CADASTERS**
Cadasters. E. N. Kolotinskaja. Vest. Mosk. un. Ser. 12: Pravo 21 no. 2:3-14 Mr-Ap '66.
- CAFFEINE—PHYSIOLOGICAL EFFECT**
Characteristics of effect of caffeine on positive and inhibitory interceptive conditioned reflexes from intestines. K. B. Shapovalova. Zhur. vys. nerv. deiat. 16 no. 4:629-636 Ji-Ag '66.
Effect of cordamine and caffeine on the intramuscular pressure (tonus) of the skeletal musculature. F. E. Novikov. Sov. med. 29 no. 7:26-31 Ji '66.
- CAISSONS—ESTIMATES**
Russia (1923—U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and norms] Stroitel'nye normy i pravila. Izd. ofitsial'noe. Moskva, Stroizdat.
Pt. 4. [Estimates] Smetnye normy.
Vol. 7, no. 2.
Ch. 18. [Caissons and dug wells] Kessony i opuskiye kolodai.
Ch. 39. [Wells] Skvazhiny. 1966. 50 p.
- CALCITE** see subdivision under Tava A.S.S.R.; Ugam Valley
- CALCIUM—PHYSIOLOGICAL EFFECT**
Effect of calcium amount in the diet on the accumulation and excretion of strontium-90 by young rats. B. A. Dobrinskii, B. N. Annenkov. Radiokhimiia 8 no. 4:622-623 '66.
- CALCIUM IN THE BODY**
Interrelationship between strontium and calcium during their penetration from food to the dog skeleton. G. V. Dobrinskaya, I. A. Panchenko, A. D. Pavlovskii. Radiokhimiia 8 no. 4:625-627 '66.
- CALCIUM PHOSPHATES**
Enthalpy of tetra-calcium phosphate within 360-1400° K. temperature range. V. A. Sokolov and others. Izv. AN SSSR, Neorg. mat. 2 no. 4:717-720 Ap '66.
- CALCIUM SILICATES**
Solid solutions in the system 2CaO·SiO₂-K₂O·CaO·SiO₂. N. F. Fedorov, E. R. Brudskii. Izv. AN SSSR, Neorg. mat. 2 no. 4:745-748 Ap '66.
- CALCIUM SULFATE**
Modification of calcium sulfate dihydrate. I. G. Berez, E. P. Spiridonov, A. B. Zdanovskii. Dokl. AN SSSR 169 no. 3:583-586 Ji '66.
- CALCULATING MACHINES—STUDY AND TEACHING** see subdivision under Cherkassy
- CALCULUS**
Privatov, I. I., and S. A. Gal'pern. [Fundamental of infinitesimal analysis; a self-teaching] Osnovy teorii beskonечно mal'kikh; posobie dlia samostoiatel'nogo izd. 4., ispr. Moskva, Nauka, 1966. 250 p.
- CALCULUS OF PREDICATES**
Herbrand's theorem for the computation of predicates with equality and functional symbols. G. I. Mints. Dokl. AN SSSR 169 no. 2:272-275 Ji '66.
Skolem's method of elimination of positive quantifiers in sequential computations. G. E. Mints. Dokl. AN SSSR 169 no. 1:24-27 Ji '66.
- CALCULUS OF SPINORS** see Spinor analysis
- CALCULUS OF TENSORS**
Representation of spinors in n-dimensional space by systems of tensors. V. A. Zhelezovskii. Dokl. AN SSSR 169 no. 3:266-268 Ji '66.
- CALCULUS OF VARIATIONS**
One variational problem containing small parameters. Part 2. V. D. Kopchenov. Dif. urav. 2 no. 2:54-58 Ji '66.
- CAVES—DISEASES AND PESTS**
Pathological-morphological changes in the placenta of newborn calves with calibacteriosis. V. V. Pecherkin. Vest. sel'. khoz. nauki [Kazakh.] 9 no. 7:48-53 Ji '66.
- CAMELS**
Characterization of the embryonic and prenatal periods in the intrauterine development of Baotian camel. A. A. Shumil, R. A. Piliaev, R. P. Napakhinova. Dokl. AN SSSR 169 no. 1:248-249 Ji '66.
- CAMOUFLAGE (MILITARY SCIENCE)**
Camouflage of submarines. I. P. Pirogov. Mirov. voyna 49 no. 6:27-33 Je '66.
- CAMPION—PHYSIOLOGICAL EFFECT**
Cholinergic effect of camphor. A. S. Saratkov, V. K. Gorshkova. Bliz. ekup. biol. i med. 61 no. 4:43-49 Ap '66.
- CANADA—MARITIME LAW**
A Canadian court has recognized the immunity of the government-owned merchant marine. Sov. pravo, TSNIIMF. no. 186. Mor. pravo i prak. no. 31:44-45 '66.
- CANADA—SCHOOLS, UKRAINIANS**
Horochowych, Tonia. [Parents and children] Batky i dity. Winnipeg, Nakladom Bohua Ukrainak Karady z Fundatsii Im. Natallii Kobryns'koj, 1965. 126 p.
- CANADA—UKRAINIANS**
Early history of Ukrainian immigrant workers in Canada. A. M. Shlepkov. Ukr. ist. zhur. 10 no. 6:60-66 Je '66.
- CANALS** see Ann-Bukhara Canal
- CANALS, INTEROCEANIC**
Brazhola, P. D., L. A. Ivanashchenko, and D. N. Krasnik. [The international law regime of the principal straits and canals] Mezhdunarodno-pravovoi rezhim vazhnozhikh prolivov i kanalov. Moskva, Juridicheskaya literatura, 1965. 149 p.
(CS-11) (NIP)
- CANCER**
Comparative evaluation of Black's test and the determination of deoxyribonuclease activity in malignant neoplasms. V. V. Krivenko. Lab. data. no. 3:13-20 '60.

CANCER (Continued)

Induction of drugs into aorta following radical surgery for cancer of cardiac part of stomach and esophagus. V.A. Ivanov, V.A. Goldin. *Khirurgia* 42 no. 8: 80-85 Je '68.

Morphology of adenomyomas of the gastrointestinal tract with ulcers and cancer developing from them. G.A. Berlov. *Arkhp. pat.* 28 no.5:40-45 '66.

CANCER CELLS

Autoradiographic analysis of the effect of actinomycin D and ribonuclease on the DNA synthesis in Ehrlich's ascitic cells. V.A. Arifolov, *TSitologia* 8 no. 3:365-370 My-Je '66.

Autoradiographic study of the life cycle of cells in spontaneous tumors of the mammary glands of mice with a different proliferation intensity. O.S. Frankfurt. *TSitologia* 8 no. 3:370-378 My-Je '66.

Cytogenetic characteristics of the growth cycle of Ehrlich's ascitic tumor. M.L. Efimov, V.K. Volkovitskiy. *TSitologia* 8 no. 3:423-427 My-Je '66.

Effect of a single greasing with orthoaminocetolulene on the liver cells of C57A line mice. V.M. Bresler and others. *TSitologia* 8 no. 3:391-396 My-Je '66.

Heterocenters of tumor cells and the problem of cell differentiation. I.U. M. Olenov, V.I.A. Fel'. *TSitologia* 8 no. 3:331-344 My-Je '66.

CANCER RESEARCH

Comparison of blood antitumoral properties in mice of high- and low-tumor lines. I.E. Brumberg, V.K. Vashkevich. *TSitologia* 8 no. 3:397-398 My-Je '66.

Diurnal mitosis rhythms in forestomach carcinoma, lymphatic sarcoma and sarcoma 180 in mice with disturbed hormonal balance of the organism. S.M. Kolomina. *Vest. Mosk. un. Ser. 6: Biol. pochv.* 21 no. 2:15-22 Mr-Apr '66.

Effect of parenteral injection of ribonucleoproteins from tissues of mice of low and high cancerous strains on spontaneous mammary gland tumors in mice of high cancerous strain A and C3H. D.K. Beliaev and others. *Dokl. AN SSSR* 169 no. 3:728-730 Ji '66.

Some histochemical data on embryonic lipoma. G.A. Lavnikova. *Arkhp. pat.* 28 no.5:30-34 '66.

Study of free radical processes in the tissues of mice with Kroker sarcoma. E.V. Buriakova and others. *Vest. Mosk. un. Ser. 6: Biol. pochv.* 21 no. 2:23-27 Mr-Apr '66.

Use of pyrogonal in experimental tumors. S.A. Gulieva. *Azerb. med. zhur.* 43 no.5:29-35 My '66.

CANDIDA (FUNGUS)

Use of metabisulfite agar for the detection of Candida in human excretions and on objects of external environment. G.N. Chistovich and others. *Zhur. mikrobiol. epid. i immu.* 43 no.8:99-103 Ag '66.

CANKER (PLANT DISEASE)

Controlling bacterial canker. T. Kosheleva. *Zashch. rast.* 11 no. 7:31 '66.

CANNED FISH see Fish, Canned

CANNED SOUPS see Soups, Canned

CANNED TOMATOES see Tomatoes, Canned

CANNING INDUSTRY

Kit, B.F., and A.F. Fan-Tung. [Automation of the canning industry] *Avtomatizatsia konservnogo proizvodstva.* Moskva, Pishchevaya promyshlennost', 1966. 340 p.

CANNING INDUSTRY—COSTS see subdivision under Daghestan

CANON LAW

Constitution of the Church. Archbishop Mikhail. *Zhur. Mosk. Patr.* no. 6:71-79 '66.

CAPACITY AND DEABILITY

Distinguishing between a person's legal capacity under civil and labor law. B.K. Bogachev. *Sov. gos. i pravo* 16 no.8:124-127 Ag '66.

CAPILLARIES—PERMEABILITY

Experience in using Nesterov's test and capillaroscopy in industrial physiological observations. M.N. Chukhril. *bor. nauch. trud. SOGMI* no. 11:113-116 '64.

CAPITAL

(see also subdivision under United States)
Bel'skaya, K.I., and M.I. Platitski. [Production funds and efficiency of social production] *Vytvorchiya i efektyvnost' hramadskai vyvorchalnosti.* Minsk, Izdatel'stvo, 1966. 29 p. (U dapanomu vyvuchaluchym kanoniku, no. 4)

Investment for production funds is important factor in improving their use. A. Millionshechikov. *Fin. SSSR* 40 no. 7:13-19 Ji '66.

CAPITAL INVESTMENTS see subdivision under Perm Province

CAPITALISM

Monopolistic system of capitalist states and the struggle against monopolies. V. Chuprakov. *Communist* 43 no.12:69-80 Ag '66.

CARBAMIC ACID

Effectiveness of the use of carbamic, thio-, and dithiocarbamic acid derivatives as herbicides. A.M. Guldov, A.T. Zimovskaya. *Khim. v sel. khoz.* 4 no.8: 30-33 Je '66.

Use of dithiocarbamate fungicides against *Puccinia* infection of tobacco. V.F. Peresypkin, M.P. Lesovoi. *Khim. v sel. khoz.* 4 no. 7:15-17 Ji '66.

CARBANIONS

Mechanism underlying Smiles' rearrangement of o-methylaryl sulfones. A new type of carbanion rearrangement. V.N. Drozd. *Dokl. AN SSSR* 169 no. 1:107-110 Ji '66.

CARBIDES

Carbon behavior in systems of the type metal - liquid lithium - carbon. N.M. Beskrovnyy, V.K. Ivanov, M.T. Zuev. *Met. i metalloved. chist. met.* no. 5:130-150 '66.

Preparing carbides of (Ti, W, Cr)C and studying their properties. I.N. Chaporova, R.V. Rybnichonko, E. IA. Vrzhesheh. *Porosh. met.* 6 no. 7:76-83 Ji '66.

CARBINE

Carbine and avadex. L.M. Kudashova. *Zemledelie* 28 no. 5:53-54 My '66.

CARBOHYDRATE METABOLISM

Characteristics of carbohydrate metabolism in the annual shoots of Siberian larch. A.S. Lantaratova, V.F. Gubina. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3: 164-169 '66.

Effect of negative temperatures on the moisture conditions and carbohydrate metabolism in olive plants. E.N. Domanskaya. *Subtrop. kul't.* no. 1:140-144 '66.

Effect of the liquid extract of ginseng roots and ginseng glycosides on some indices of carbohydrate metabolism. T.L. Bykhovskaya. *Izv. AN SSSR. Ser. biol.* 31 no. 4: 603-604 Ji-Ag '66.

Principle of the regulation of carbohydrate metabolism according to the feedback type. I.I. Ivanov and others. *Dokl. AN SSSR* 169 no. 5:189-190 Ji '66.

Study of the kinetics of the process of polycondensation of carbohydrates using the method of infrared spectroscopy. V.A. Kuz'menko, B.I. Sukherukov. *Fiziol. zhur. [Ukr.]* 12 no. 4:537-540 Ji-Ag '66.

CARBON, ACTIVATED

Computation of the parameters of microporous structure of active coals by means of digital computers. I.U. S. Lezin, M.M. Dubina. *Dokl. AN SSSR* 169 no. 5:104-106 Je '66.

CARBON BLACK

Effect of additions of alkali aqueous solutions and alkali metal salts to raw materials on properties of furnace black. L.A. M. Shil'man and others. *Nefteper. i neftekhim.* no. 7:32-34 '66.

Effect of certain factors of regeneration on carbon black structures of rubber. B.L. Hablitskiy and others. *Koll. zhur.* 28 no. 3:321-325 My-Je '66.

Influence of rubber regeneration conditions on black structures of the reclaim. V.F. Drozdovskii and others. *Koll. zhur.* 28 no. 3:362-365 My-Je '66.

Influence of the nature of black surface on the relaxation properties of extended rubbers. N.N. Lazhnev and others. *Koll. zhur.* 28 no. 3:420-423 My-Je '66.

CARBON BLACK—SPECTRA

Effect of the adsorption of nonparamagnetic compounds on oxidized and graphitized blacks on their electron paramagnetic resonance spectrum. A.V. Kiselev, G.A. Kozlov, V.I. Lygin. *Koll. zhur.* 28 no. 3:404-408 My-Je '66.

CARBON ISOTOPES

Intramolecular activity distribution in picolines labeled with carbon-14 recoil atoms. L.P. Firova, An.N. Nesmelanov, M.S. Barakat. *Radiochimie* 8 no. 3: 379-382 '66.

CARBON MONOXIDE

Analysis of the solution of the system of kinetic equations for the combustion of carbon monoxide in the presence of small additions of hydrogen. V.V. Azatian and others. *Dokl. AN SSSR* 169 no. 5:1089-1092 Je '66.

CARBON TETRACHLORIDE, EFFECT OF RADIATION ON

Detection of trichloromethylchlorophosphinic-32P acid in neutron irradiated carbon tetrachloride. N.I. Gabov, A.I. Shaftev. *Radiochimie* 8 no. 3: 330-333 '66.

CARBONATE ROCKS see Rocks, Carbonate

CARBONYL COMPOUNDS

Effect of carbonyl reagents on the biosynthesis of vitamin B12 and porphyrins by resting *Propionibacterium shermanii* cells. V.IA. Bykhovskii, N.I. Zaitseva, G.V. Mantrova. *Dokl. AN SSSR* 169 no. 6:1416-1418 Je '66.

Radiochemical synthesis of labeled carbonyl and carbonyl compounds based on hydrocarbons and labeled carbon monoxides. E.P. Kallazin, An.N. Nesmelanov, N.A. Bakh. *Radiochimie* 8 no. 3: 341-347 '66.

CARBONYL GROUP

Obtaining phases with a cubic lattice in systems tungsten - carbon and molybdenum - carbon and their X-ray examination. A.A. Babad-Zakhrapin, L.T. Ly-senko, L.M. Gert. *Fiz. met. i metalloved.* 21 no. 5: 762-765 My '66.

Ways of formation of carbonyl groups in polyethylene photooxidation. P.I. Selivanov, E.I. Kirillova, V.L. Maksimov. *Vysokom. soed.* 8 no. 8:418-422 Ag '66.

CARBORANES

Electrophilic halogenation of neoboranes (neocarboranes). L.I. Zakharkin, V.N. Kalinin. *Dokl. AN SSSR* 169 no. 3:590-593 Ji '66.

Interaction of α -oxides with lithium and sodium derivatives of borane. L.I. Zakharkin, A.V. Kazantsev. *Zhur. ob. khim.* 36 no. 7:1285-1290 Ji '66.

CARBOXYL GROUP

Conjugated decarboxylation of valeric and stearic acids in their oxidation in a mixture with isopropylbenzene. I.I. Uskov, V.A. Lashitskii, N.I. MITSkevich. *Neftekhimie* 6 no. 3:455-457 My-Je '66.

Decarboxylation of mercury salts of organic acids under the effect of peroxides and ultraviolet light. I.U. A. Ol'dekop, N.A. Mater. *Izv. AN SSSR. Ser. khim.* no. 7:1171-1177 '66.

CARCINOGENS

Study of free radical processes in the tissues of mice with Kroker sarcoma. E.V. Buriakova and others. *Vest. Mosk. un. Ser. 6: Biol. pochv.* 21 no. 2:23-27 Mr-Apr '66.

CARDIA—CANCER

Cancer of cardia. A.A. Rusanov. *Khirurgia* 42 no. 6: 60-75 Je '66.

CARDIA—INNERVATION

Electrocorticous reflection of cholecysto-cardiac relations. B.V. Holov'skoi. *Fiziol. zhur. [Ukr.]* 12 no. 4:547-550 Ji-Ag '66.

CARDIAC GLYCOSIDES

Data on some plants with cardiac and sedative action from the Alma-Ata Botanical Garden. S.I. Tsiatina, N.S. Dubinin, M.P. Iashchenko. *Trudy Inst. bot. AN Kazakh. SSR* 22:171-180 '66.

CARDIOLOGICAL SOCIETIES see subdivision under Azerbaijan

CARDIOSPASM

20 years of experience in cardiospasm treatment. D.A. Arapov, V.V. Umanskii. *Khirurgia* 42 no. 6:53-57 Je '66.

CARDIOVASCULAR SYSTEM

Hemodynamic mechanisms of the development and adaptation of the pressor reflex in stimulation of the receptors of the urinary bladder. V.V. Bratus'. *Fiziol. zhur. [Ukr.]* 12 no. 4:483-488 Ji-Ag '66.

CARDIOVASCULAR SYSTEM—DISEASES

Clinical aspects and treatment of acute cardiovascular insufficiency in hemorrhagic nephrosclerosis. G.S. Koval'skii. *Sov. med.* 29 no. 7:80-84 Ji '66.

Effect of nucleosides on the contractile function of the myocardium in the emergency stage of compensatory cardiac hyperfunction. F.Z. Meeran and others. *Bul. eksp. biol. i med.* 61 no. 4:16-18 Ap '66.

Shostakov, S.V., and A.A. Fedoseev. [Role of exercise therapy in the prevention and treatment of cardiovascular diseases] *Ro'i' fizicheskoi kul'tury v profilaktike i lechenii serdечно-sosudistykh zabolevani.* Moskva, Znanie, 1966. 29 p. (Narodnyi universitet; Fakul'tet zdorov'ia, no. 9)

Study of the functional state of the respiratory and cardiovascular systems in influenza and its complications. D.I. Pen and others. *Sov. med.* 29 no. 5:7-13 My '66.

Use of electrosleep in the treatment of cardiovascular diseases. L.A. Studnitsyna. *Sov. med.* 29 no. 7: 73-77 Ji '66.

CARIAN INSCRIPTIONS see Inscriptions, Carian

CAROTENE

Effect of various nitrogen forms on carotene accumulation in leaves of sugar beets and forage cabbage. T.N. Godnov, N.E. Vlasenko. *Dokl. AN SSSR* 169 no. 7:489-491 Ji '66.

CAROTENIDS

Effect of thermal treatment of acorns on the chlorophyll and carotenoid content in the leaves of annual oak seedlings. I.U. P. Efimov. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3:170-173 '66.

CAROTID ARTERY—LIGATION

Effect of hypophysectomy and the ligation of the internal carotid artery on water diuresis under the action of novocaine. N.N. Pronina. *Sbor. nauch. trud. SOGMI* no. 11:4-20 '64.

CAROTID SINUS—INNERVATION

Effect of afferent impulses from the baroreceptors of the carotid sinus on the excitability of the vasomotor center. Chang Ch'ung. *Fiziol. zhur.* [Ukr.] 12 no. 4: 532-534 J1-Ag '66.

Significance of mechano- and chemoreceptors of the sino-carotid zones in the regulation of respiration and blood circulation. L.I. Ardashnikova. *Biul. eksp. biol. i med.* no. 4:3-6 Ap '66.

CARP—DISEASES AND PESTS see subdivision under Voiga Delta

CARPATHIAN MOUNTAIN REGION—GAS, NATURAL—GEOLOGY

Characteristics of the formation of gas fields in the central part of the outer zone of the Carpathian piedmont trough. A.K. Ivanov. *Neft. i gaz. prom.* no. 2:6-8 Mr-Ap '66.

Hydrogeological conditions of the formation of Mesozoic and Cenozoic sediments in the outer zone of the Carpathian trough in connection with its possible oil and gas occurrences. L.P. Myshkin. *Neft. i gaz. prom.* no. 2:10-13 Mr-Ap '66.

CARPATHIAN MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphical scheme of the Cretaceous and Paleogene sediments of the Transcarpathian cliffs. N.V. Dabeglan, S.S. Kruglov, S.E. Smirnov. *Biul. MOIP, Otd. geol.* 41 no. 2: 84-93 Mr-Ap '66.

CARPATHIAN MOUNTAIN REGION—JOINTS (GEOLOGY)

Kopytians'kiy, R.S. [Petroleum of fractured rocks in petroleum geology] Problema trishchynuvatosti porid u naftovii geologii. Kyiv, Naukova dumka, 1966. 157 p.

CARPATHIAN MOUNTAIN REGION—MICROPALAEONTOLOGY

Zone of *Clobigerina bollii*, a new microfaunal zone in the cis-Carpathian region. L.S. Pishvanova. *Biul. MOIP, Otd. geol.* 41 no. 2: 94-97 Mr-Ap '66.

CARPATHIAN MOUNTAIN REGION—OIL SANDS—PERMEABILITY

Effect of low permeability of reservoir rocks on the character of pressure buildup curves. G.F. Geletii. *Neftprom. delo* no. 5:3-6 '66.

CARPATHIAN MOUNTAIN REGION—PEASANT UP-RISINGS

Irabovets'kiy, V.V. [Antifeudal struggle of Carpathian "opryshky", 18-19th centuries] Antyfeodal'na borot'ba karpat's'koho pryshkivstva XVI-XIX st. [L'viv] Vyd-vo L'viv's'koho univ. 1966. 250 p.

CARPATHIAN MOUNTAIN REGION—PETROLEUM GEOLOGY

Hydrogeological conditions of the formation of Mesozoic and Cenozoic sediments in the outer zone of the Carpathian trough in connection with its possible oil and gas occurrences. L.P. Myshkin. *Neft. i gaz. prom.* no. 2:10-13 Mr-Ap '66.

Kopytians'kiy, R.S. [Problem of fractured rocks in petroleum geology] Problema trishchynuvatosti porid u naftovii geologii. Kyiv, Naukova dumka, 1966. 157 p.

CARPATHIAN MOUNTAIN REGION—STRONTIUM

Some characteristics of the geochemistry of strontium in the Upper Tortonian sediments of the Carpathian Mountain region. B.I. Srebrodolskiy. *Dokl. AN SSSR* 168 no. 5:1177-1178 Je '66.

REGION—SULFUR ORES

Geology and geochemistry of the Carpathian region. Geol. i geokh. predkarpat'ya. (Respon-da: "Geolo-

CARPATHIAN MOUNTAINS—GEOLOGY, STRUCTURAL

Effect of tectonic stresses on the thermoluminescence of limestones from the Carpathian cliff zone. H.V. Morozov, V.S. Sasinovich, V.M. Shovkopliya. *Dop. AN URSSR* no. 7:937-941 '66.

CARPATHIAN MOUNTAINS—LIMESTONE

Effect of tectonic stresses on the thermoluminescence of limestones from the Carpathian cliff zone. H.V. Morozov, V.S. Sasinovich, V.M. Shovkopliya. *Dop. AN URSSR* no. 7:937-941 '66.

CARPATHO-UKRAINE see Transcarpathia

CARROTS—FERTILIZERS AND MANURES see subdivision under Leningrad Province

CARTOGRAPHY

[Achievements of science: Cartography, 1963-1964] *Rogi nauki: Kartografiya, 1963-1964*. Vypusk 2. Moskva, Akad. nauk SSSR, 1966. 163 p. (Seriya: Geografika)

CASE HARDENING

Gas nitriding with the use of a new, liquid nitrocarburizer triethanolamine. S.M. Gugel' and others. *Sbor. rab. NITM* no. 11:5-33 '65.

Gurevich, B.G., and others. [Increasing wear resistance and service life of parts by electrolytic saturation with boron hydride] Povyshenie iznosostokosti i stroka sluzhby detalей путем электролитического борирования. Leningrad, Leningr. organizatsiya ob-va "Znanie" ISFSR, 1966. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Uchashchiesya kachestva, povysheniye mudezhnosti i dolgovechnosti mashin, priborov i drugih promyshlennykh izdelii)

Nitriding in fused salts with the use of potassium ferrocyanide as active component. S.M. Gugel', M.G. Tsihlin, N.S. Kashtanov. *Sbor. rab. NITM* no. 11:88-124 '65.

CASE HARDENING—MECHANIZATION

Overall mechanized shop for the case hardening of parts in a solid carburizing agent. I. A. Migunov. *Biul. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 10 no. 6:15-16 Je '66.

CASE HARDENING—TESTING

Methods and results of testing for endurance nitrided specimens and gear teeth. A.T. Radchenko, V.A. Ulanov, G.V. Balashov. *Sbor. rab. NITM* no. 11:70-88 '65.

CASEIN

Use of concentrated complex preparations of proteolytic enzymes for obtaining casein media. I.N. Vinogradova. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:142-143 J1 '66.

Use of physicochemical indices as a test of casein homogeneity in the preparation of culture media. I.N. Vinogradova, O.G. Kotova, L.A. Tret'yakova. *Zhur. mikrobiol., epid. i immun.* 43 no. 8:144-145 Ag '66.

CASPIAN SEA—CESTRACODA

Present occurrence of representative of genus *Candona* (Crustacea, Cestracoda), belonging to group of fossil species *Candona tohina* (Zakany, 1920), in Caspian Sea. E.I. Shornikov. *Zool. zhur.* 45 no. 7:1034-1036 '66.

CASPIAN SEA REGION—FAULTS (GEOLOGY)

West Caspian fault and some characteristics of the manifestation of cross faults in the geosynclinal fold regions. V.E. Khain, R.V. Grigor'yants, B.M. Isanov. *Biul. MOIP, Otd. geol.* 41 no. 2: 5-23 Mr-Ap '66.

CASPIAN SEA REGION—GAS, NATURAL—GEOLOGY

Oil and gas accumulations in Mesozoic sediments of the Caspian-Kuba area. B.M. Solomonov. *Izv. vys. ucheb. zav. neft. i gaz* 9 no. 3:5-7 '66.

Prospects for finding oil and gas in Sangachaly-More and Duvannyi-More oil- and gas-bearing structures in light of new data. M.N. Anadov, G.M. Usmanov. *Azerb. neft. khoz.* 45 no. 8:1-4 Ag '66.

CASPIAN SEA REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphic position of Tyurkian horizon. A.Sh. Shikhinskiy. *Azerb. neft. khoz.* 45 no. 8:9-12 Ag '66.

CASPIAN SEA REGION—PETROLEUM GEOLOGY

Oil and gas accumulations in Mesozoic sediments of the Caspian-Kuba area. B.M. Solomonov. *Izv. vys. ucheb. zav. neft. i gaz* 9 no. 3:5-7 '66.

Prospects for finding oil and gas in Sangachaly-More and Duvannyi-More oil- and gas-bearing structures in light of new data. M.N. Anadov, G.M. Usmanov. *Azerb. neft. khoz.* 45 no. 8:1-4 Ag '66.

CASSITERITE see subdivision under Dniester Valley

CAST IRON

Automatic control of the thermal conditions of a gas-fired pig iron smelting furnace. I.U.V. Chaplygin, A.E. Erinov, A.P. Nechitalo. *Mekh. i avtom. upr.* no. 3:13-15 My-Je '66.

Effect of the nonuniformity of structure and elastic properties of cast iron on the quality of a piston ring. A.T. Osipov. *Trudy. Ufim. av. inst.* no. 2:111-123 '66.

CAST IRON—ANALYSIS

Effect of the composition of high-phosphorus cast iron on the economic indices of metallurgical production. L.G. Ivanov, A.N. Khakhalina. *Izv. vys. ucheb. zav. chern. met.* 9 no. 7:203-206 '66.

CAST IRON—HEAT TREATMENT

Rapid, graphitizing normalization in a fluidized bed of high strength iron castings. N.I. Syromiatnikov and others. *Lit. proizv.* no. 5:3-5 My '66.

CAST IRON—METALLOGRAPHY

Effect of copper on the primary structure of cast iron. K.P. Bunin, N.I. Replina, A.I. Iatsenko. *Lit. proizv.* no. 5:27-29 My '66.

Kinetics of the isothermal crystallization of austenitic cast iron. K.P. Bunin, V.M. Surovichuk, I.U.N. Tazov. *Dop. AN URSSR* no. 7:1067-1068 '66.

Properties of mottled cast iron alloyed with Cu, Ni, and V for rolling mill rolls. T.S. Shobko and others. *Izv. proizv.* no. 5:43-45 My '66.

CAST IRON—METALLURGY

Carburizing of cast iron in a cupola furnace. A.I. Sazonov, A.M. Vykhneta. *Izv. vys. ucheb. zav. chern. met.* 9 no. 7:157-160 '66.

Complex microalloying of cupola furnace molten cast iron in small-run production. P.I. Tulinov, B.A. Kukina. *Lit. proizv.* no. 5:29-33 My '66.

CAST IRON—PERMEABILITY

Studying the impermeability of gray cast iron. N.G. Girelovich, A.G. Alekseev. *Lit. proizv.* no. 5:13-15 My '66.

CAST IRON—TESTING

Comparative machinability of two cast irons. K. Makholan, A. Dabneredzhian. *Proiz. Arm.* 9 no. 6:1-63 My '66.

Investigating the viscosity of liquid cast iron depending on their chemical composition and heating temperature. N.E. Interenov. *Trudy. Ufim. av. inst.* no. 2:125-131 '66.

CAST STONE see Stone, Cast

CATALASE

Catalase activity of cells under stress. E.H. Velt'ko, L.A. Vorontsov. *Pochvovedenie* no. 8:50-61 Ag '66.

CATALASES

Coupling following the extraction of heme from liver of reflexion. B.N. Potukhov. *Trudy. Udm. av. inst.* no. 2:125-131 '66.

CATALOGING OF ARCHIVAL MATERIAL

Preparing reports on and plans for cataloging archival materials. G.M. Vostrikova. *Sov. arkh.* no. 3:2-3 '66.

CATALOGS, CLASSIFIED

Our creative contacts and some problems concerning coordination of scientific studies. N.Kh. Semenov. *Bibliot. i bibl.* no. 2:17-23 '66.

Procedure in preparation and publication of scientific literature advice on complex problems in chemical and technical literature. *Tekhn. bibliot. SSSR* no. 7:2-11 '66.

Special problems in classification of general literature in field of science and technology. *Tekhn. bibliot. SSSR* no. 7:53 '66.

CATALOGS, PUBLISHED

How to prepare classified plans. T. Mstislavskaya. *Knizh. i bibliot. delo* 43 no. 8:45-47 Ag '66.

Molodtsova, Gvardia, Izdatel'stvo, Moscow. [The lives of remarkable people: a catalog, 1933-1963] Zhizni zamечатel'nykh liudei; katalog, 1933-1963. Moskva, 1963. 160 p. facsimile. (Zhizni zamечатel'nykh liudei. Seriya bibliografi, no. 20(375)) (NNC)

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U.S.S.R. Series B: Social sciences] *Sov. biul. nov. inostr. knig, postup. v bibl. SSSR. Ser. B: Obshchestv. nauki* no. 1 '66.

CATALYSIS

Activity and selectivity of some mixed catalysts for a selective oxidation of unsaturated hydrocarbons with the C-II bond. S.S. Stravov and others. *Neft. khoz.* 9 no. 3:412-423 My-Je '66.

Catalytic activity of acids in the conversion of xylene into furfural. V.K. Kononov, V.I. Blazkov. *Izv. vys. ucheb. zav. i nauch. zhur.* 9 no. 3:145-150 '66.

Catalytic conversions of alkylaromatic and alkylaromatic C₁₀ hydrocarbons. T.S. Shokranalvili, N.G. Haidarov. *Sobh. AN Gruz. SSR* 43 no. 1:87-103 J1 '66.

Catalytic conversions of cyclopentadecane in the presence of platinum catalyst. E.S. Galenkova and others. *Dokl. AN SSSR* 160 no. 1:100-102 J1 '66.

Catalytic reduction of aromatic nitroso compounds by 2,6-dimethyl-3,5-dicarbonyl-1,4-dihydropyridine. D.D. Mozhukhin, M.L. Khaleki. *Izv. AN SSSR Khim.* no. 7:1283-1285 '66.

Hydrogen radiolysis in piperidine between 400 and 625°C. N.I. Shukhin, T.S. Shokranalvili, L.S. Haidarov. *Notekhnika* 6 no. 3:302-305 My-Je '66.

Inhomogeneity of aluminum oxide catalytic surface in the shape of active center distribution curve. V.K. Vassoberg and others. *Dokl. AN SSSR* 160 no. 5:100-103 J1 '66.

Reaction mechanism of liquid-phase oxidation of organic compounds by molecular oxygen on solid catalysts. I.I. Ioffe, N.V. Klimova, I.A. Mokrousova. *Dokl. AN SSSR* 160 no. 2:380-382 J1 '66.

CATALYSTS

- Butyllithium-based catalytic systems ensuring high conversion in the polymerization of chlorine-containing unsaturated monomers. B. L. Erusalimskii and others. Dokl. AN SSSR 169 no. 1:114-116 JI '66.
- Conversions of hydrocarbons in the presence of spent and reactivated platinum reforming catalysts. V. V. Snipkin and others. Neftekhimika 6 no. 3:401-406 My-Je '66.
- Molecular-weight distribution of polyethylene prepared on the basis of the soluble catalytic system $(C_5H_5)_2TiCl_2 - Al(C_2H_5)_3Cl$. G. P. Belov, Izv. AN SSSR, Ser. khim. no. 7:1275-1278 '66.
- Promoting action of rare-earth oxides on the dehydrogenation properties of alumina-chromia catalysts. Kh. M. Minachev, I. U. S. Khodakov, O. D. Sterligov, Neftekhimika 6 no. 3:361-366 My-Je '66.
- Study of the effect of tissue preparation on the function of some biological catalysts. V. I. Savvite'kiy. Fiziol. zhur. [Ukr.] 12 no. 4:510-517 JI-Ag '66.

CATEGORIES (PHILOSOPHY)

- Chernov, V. I. [Analysis of philosophical concepts; certain problems of theory] Analiz filosoficheskikh poimaniy; nekotoryye voprosy teorii. Moskva, Nauka, 1966. 213 p.

- Five meanings of causal connection. Wladyslaw Krajewski. Vop. filos. 20 no. 7:108-114 '66.

CATEGORIES OF DIALECTICAL MATERIALISM see Dialectical materialism, Categories of

CATHEDRALS see subdivision under Kiev; Lvov

CATHETERS

- Clinical significance of Lambing's method of stomach catheterization. S. B. Korostovtsev, K. I. Sautkin, I. S. Stantseva. Sov. med. 20 no. 7:142-149 JI '66.

CATHOLIC CHURCH (BYZANTINE RITES) (see also subdivision under Galich)

- [Truth about Uniate Church; documents and materials] Prava pro Uniju; dokumenty i materialy. Lviv, Kamennar, 1965. 374 p.

CATO, MARCUS PORCIUS, Censorius

- The date of Cato's "De agricultura." V. I. Kuziahehin. Vest. drev. ist. no. 2:54-57 '66.

CATTLE—FEEDING AND FEEDS

(see also subdivision under Ukraine)

- Use of urea in cattle feeding and fattening. B. G. Imbs, A. P. Nazarenko, N. Z. Zlydnev. Khim. v sel'khoz. 4 no. 6: 38-40 Je '66.

CATTLE—TRANSPORTATION

- Van-tolpe semitrailer for cattle transportation. I. U. Sokolov, A. Khorin. Tekh. v sel'khoz. 28 no. 6:54-55 Je '66.

CAUCASUS—EARTH—SURFACE

- Some characteristics of the crustal structure in the Caucasus. B. K. Balavandze, G. Sh. Shengelaia, Geofiz. zhur. no. 15:70-75 '66.

CAUCASUS—GEOLOGY

- Kavkazskaya ekspeditsiya po programme Mezhdunarodnogo geofizicheskogo goda, 1957- . [Materials of the Caucasian Expedition on the Program of the International Geophysical Year, 1957-] Materialy. Khar'kov, Izd-vo Khar'kovskogo univ. Vol. 5. 1965. 120 p.

CAUCASUS—INSCRIPTIONS

- The date of the Maykop plate; a letter to the editor. P. U. Antlev. Vest. drev. ist. no. 2:104-107 '66.

- "Maykop writings"; the methods of deciphering. I. M. D'konov. Vest. drev. ist. no. 2:99-104 '66.

- The most ancient document of the Caucasus (conclusion). G. F. Turchaninov. Vest. drev. ist. no. 2:92-99 '66.

CAUCASUS—JOINTS (GEOLOGY)

- Some characteristics of the jointing of rocks of the Kafan brachyanticlinorium. E. V. Anan'ian, Izv. AN Arm. SSR, Nauki o zem. 10 no. 3:21-31 '66.

CAUCASUS—ROCKS, IGNEOUS

- New information on Devonian volcanism in the Greater Caucasus. A. M. Demin, I. V. Drut'. Btut. MOIP, Otd. geol. 41 no. 2 139 Mr-Ap '66.

CAUCASUS—WATER, UNDERGROUND

- Principles of the regionalization of the Greater Caucasus according to conditions of the formation regime of subsurface flow. I. P. Fideikh. Btut. MOIP, Otd. geol. 41 no. 2: 140-141 Mr-Ap '66.

CAUCASUS—WOMEN

- Barkisov, A. A. [Heroic daughters of the Caucasus; stories of the deeds of the daughters of Caucasian peoples in the Great Patriotic War of 1941-1945] Gerolicheskia docheri Kavkaza; rasskazy o podvigakh docherel narodov Kavkaza v Velikoi Otechestvennoi volne 1941-1945 gg. Baku, Azerneshr, 1965. 178 p. (CSU-H)

CAUCASUS—WORLD WAR, 1939-1945

- Barkisov, A. A. [Heroic daughters of the Caucasus; stories of the deeds of the daughters of Caucasian peoples in the Great Patriotic War of 1941-1945] Gerolicheskia docheri Kavkaza; rasskazy o podvigakh docherel narodov Kavkaza v Velikoi Otechestvennoi volne 1941-1945 gg. Baku, Azerneshr, 1965. 178 p. (CSU-H)

CAUCASUS, NORTHERN—ARSENIC

- Native arsenic in mercury ore manifestations in the Northern Caucasus. V. B. Chernitsyn, D. A. Apostolov. Dokl. AN SSSR 169 no. 1:190-200 JI '66.

CAUCASUS, NORTHERN—MERCURY ORES

- Native arsenic in mercury ore manifestations in the Northern Caucasus. V. B. Chernitsyn, D. A. Apostolov. Dokl. AN SSSR 169 no. 1:190-200 JI '66.

CAUCASUS, NORTHERN—PLANTS, PROTECTION OF

- Conference on the protection of grain. I. U. Novinskii. Zashch. rast. 11 no. 7:58 '66.

CAUCASUS, NORTHERN—RAILROADS—DESIGN AND CONSTRUCTION

- Aizlabad, S. I. A., and others. [Polymers on North Caucasian Railroad] Polimery na S.-K. zh.d. (Rostov-na-Donu) Rostovskoe knizhnoe izd-vo, 1965. 61 p. [MICROFILM]

CAUCASUS, NORTHERN—ROCKS, IGNEOUS

- Distribution of Pre-Mesozoic igneous complexes in the structural zones of the Northern Caucasus. A. M. Demin, I. V. Drut'. Btut. MOIP, Otd. geol. 41 no. 2: 149 Mr-Ap '66.

CAUCASUS, NORTHERN—TECHNICAL LIBRARIES

- Mass work of Technical Library of North Caucasus Economic Region. T. G. Levenchenko. Tekh. bibliot. SSSR no. 7:48-49 '65.

CAUCASUS, NORTHERN—WATER, UNDERGROUND

- Certain regularities of the distribution of waters in the Khadun series in Ciscaucasia. N. S. Blagomirnov. Izv. vys. ucheb. zav. i nauch. i issled. 0 no. 3:3-4 '66.

CAUSATION

- Five meanings of causal connection. Wladyslaw Krajewski. Vop. filos. 20 no. 7:108-114 '66.

CAVITATION

- Cavitation-mechanical strength of metals. K. K. Shal'nev, R. D. Stepanov, L. Logov. Dokl. AN SSSR 169 no. 1:85-88 JI '66.

- Experimental investigation of the effect of thermodynamic properties of a fluid on cavitation phenomena. N. S. Ershov, B. I. Borovskii, V. V. Iakimov. Izv. vys. ucheb. zav. i nauch. i issled. 0 no. 2:130-136 '66.

CECUM—TUMORS

- Inflammatory (false) tumors of the cecum. I. U. A. Ratner. Sov. med. 29 no. 5:103-108 My '66.

CELESTINE see subdivision under Dvina region (Armenia); Lower Tunguska Valley; Siberia

CELL DIVISION (BIOLOGY)

- Polyploidy and aneuploidy in onion roots under the influence of phytoestrogenically active substances from the radicle of *Vicia album L.* extract. G. Akatrinei. Genetika 4:197-104 Ap '66.

CELL NUCLEI

- Changes in the nuclear structures in milk oogenesis. I. I. Kiknadze, TSitologiya 8 no. 3:384-387 My-Je '66.

- Comparative evaluation of DNA content in the liver nuclei of some fishes. F. Kh. Khalilov, V. M. Inushin. TSitologiya 8 no. 3:415-417 My-Je '66.

- DNA content in the nuclei of the choroid epithelium of the human placenta. V. D. Novikov, A. I. Sherudlo. Izv. SO AN SSSR no. 4. Ser. biol. i med. nauk no. 1:98-100 '66.

- Data on the analysis of functionally determined changes in the size of nerve cell body and nucleus. I. U. I. A. Gotsman. TSitologiya 8 no. 3:348-358 My-Je '66.

- Determination of the absolute content of DNA in cell nuclei. E. E. Simonov. Lab. delo. no. 5:253-255 '66.

- Role of the nucleolar organizer. E. S. Beliaeva. TSitologiya. 8 no. 3:379-384 My-Je '66.

CELLS

- Effect of deoxyribonuclease I on live cells in an animal organism and tissue culture. I. S. Gubenko. Izv. SO AN SSSR no. 4. Ser. biol. i med. nauk no. 1:78-85 '66.

- Immunological reactions of isolated cells. Report No. 2: Effect of the number of immunizations and of the antigen doses on the antigen production by individual cells. I. A. S. Shvartsman, M. K. Kurpov, A. V. Isolatova. Zhur. mikrobiol., epid. i immunit. 43 no. 7:58-62 JI '66.

- Isolation and fractionation of yeast protoplasts. T. P. Afanas'eva, R. A. Zvagin'skaya. TSitologiya 8 no. 3: 400-414 My-Je '66.

Korogodin, V. I. [Problems of postirradiation repair]

- Problemy postirradiatsionnogo vosstanovleniya. Posledovaniya N. V. Timofeeva Resovskogo. Moskva, Atomizdat, 1966. 380 p.

- Production of guanidine-resistant strains of *HeLa* cells. V. G. Zaslavskii, V. I. Agol. TSitologiya 8 no. 3:427-428 My-Je '66.

- Ultrastructure of Langerhans cells in a normal and tumor-degenerated thyroid gland of rats. N. P. Dmitrieva, M. P. Gorbanova. Dokl. AN SSSR 168 no. 5:1186-1188 Je '66.

CELLULOSE

- Molecular weight inhomogeneity and relative viscosity of solutions of cellulose and its ethers. V. I. Ivanov, L. A. Rudakina. Dokl. AN SSSR 169 no. 6:1360-1361 Je '66.

- Study of 2,3-anhydro derivatives of cellulose and synthesis of mixed polysaccharide, a cellulose stereoisomer. G. N. Smirnova and others. Vysokom. seed. 3 no. 8: 1396-1400 Ag '66.

CELLULOSE ESTERS

- Synthesis of 2-hydroxy-3-chloropropyl cellulose ester and its polymer analog transformations. E. F. Shirkova, A. D. Vitrnik, Z. A. Rogovin. Vysokom. seed. 3 no. 8: 1450-1454 Ag '66.

CEMENT

- Hardening and analogs of Sorel cement. N. F. Federov, N. S. Sndikova. Izv. AN SSSR, Neorg. mat. 2 no. 6:112-1126 Je '66.

- Vais, V. M. [A miracle powder] Chudo-poroshok. Moskva, Siroizdat, 1965. 139 p. (Nauchno-popularnaya seriya)

CEMENT INDUSTRIES

- Deshko, I. U. I., M. B. Kreimer, and G. S. Kryukhin. [Crushing of materials in the cement industry] Izmelchicheskii materialy v tsementnoi promyshlennosti. Izd. 2. Moskva, Siroizdat, 1966. 269 p.

CENTAUREA

- Controlling Acroptilon pieris. V. M. Krut', A. G. Salima. Zemledelie 20 no. 5:44-46 My '66.

CENTRAL AMERICA—THIALS (POLITICAL CRIMES AND OFFENSES)

- Provocation in Panama. Nov. vrem. 24 no. 35:22-23 Ag '66.

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL CHERNOZEM ECONOMIC REGION—COLLECTIVE FARMS—MANAGEMENT

- Sobolev, N. P. [Improving the economy of logging collective farms] Pod'om ekonomiki otalushchikh kollektivov. Moskva, Kolos, 1966. 162 p.

CENTRAL CHERNOZEM REGION—GRAIN

- Grain in Central Chernozem Belt. I. S. Kachkov, Zerk. i maiz. kult. 1 no. 1:12-15 '66.

CENTRAL CHERNOZEM REGION—PEA TREE

- Transpiration of the Siberian pea tree in pure and mixed plantations in the forest-steppe zone of the Central Chernozem Region. L. S. Kovalev. Izv. vys. ucheb. zav. i nauch. i issled. 0 no. 3:46-50 '66.

CENTRAL CHERNOZEM REGION—WHEAT

- At increased speeds. A. M. Fedorov. Zemledelie 20 no. 7:140-51 JI '66.

CENTRALIZED AUTOMATIC CONTROL SYSTEMS

- Calculation of some probability characteristics of an information transmission process for one class of centralized control systems. V. A. Zhochikashvili, B. G. Khorovich. Avtom. i telem. no. 6:188-199 '66.

- Development of large control systems. B. N. Potrov, G. S. Pospelov. Izv. AN SSSR, Tekh. kb. no. 2:3-10 Mr-Ap '66.

CENTRIFUGAL CASTING

- Manufacturing bimetal bushings by centrifugal methods with heating by high-frequency currents. M. D. Filinikov. Trudy Ural. politekhn. inst. no. 145:164-170 '65.

CENTRIFUGES

- Polyploidy and centrifugation. N. L. Dolone. Dokl. AN SSSR 168 no. 6:1430-1410 Je '66.

- Ultracentrifuge microscope. P. E. Moroz, TSitologiya 8 no. 3:440-444 My-Je '66.

CEPHALOPODA, FOSSIL see subdivision under Karatau

CERAMIC MATERIALS

- Creep of ceramic materials in the system MgO - MgAl₂O₄. D. N. Polubotarinov and others. Izv. AN SSSR, Neorg. mat. 2 No. 6:115-118 Je '66.

CERAMIC METALS

- Improving surface smoothness of ceramic-metal anti-friction material. G. L. Khat, L. M. Korkh. Tekh. i org. proizv. no. 1:28-31 Ja-F '66.

CERAMIC METALS (Continued)

- Increasing wear resistance of ceramic-metal antifriction materials by sulfidation in sulfonated oils. L. M. Korkh. Tekh. i org. proizv. no. 1:16-21 Ja-F '66.
- Preparing carbides of (Ti, W, Cr)C and studying their properties. I. N. Chaporova, R. V. Rybalchenko, E. I. A. Vzheshch. Porosh. met. 6 no. 7:76-83 Ji '66.
- Using the method of dynamic hot compression in the production of ceramic metals. I. U. G. Dorofeev, N. T. Zherditskii. Porosh. met. 6 no. 7:22-31 Ji '66.
- Wettability of high-melting carbides, borides and nitrides by molten metals. G. A. Lisinskaia. Porosh. met. 6 no. 7:53-56 Ji '66.

CERAMIC METALS—FRACTURE

- Studying the character of failure in ceramic metal materials. E. N. German, R. D. Glebova. Porosh. met. 6 no. 7:62-68 Ji '66.

CERAMIC METALS—TESTING

- Studying the characteristics of strength and plasticity of ceramic metal materials in the low temperature region. I. M. Storozhevskii, N. A. Filatova. Porosh. met. 6 no. 7:69-72 Ji '66.
- Studying the filtering properties of two-layer ceramic metal filters. A. A. Gatushkin, S. M. Solonin. Porosh. met. 6 no. 7:22-37 Ji '66.

CEREBELLUM

- Evoked potentials from the paleocerebellar structures of the cerebellum in cats. R. A. Grigor'yan. Fiziol. zhur. 50 no. 7:784-792 Ji '64.

CEREBELLUM—CONGRESSES

- Vsesoyuznoe soveshchanie po voprosam fiziologii vegetativnoi nervnoi sistemy i nozhnitshekh. [Reports of the All-Union Conference on Problems of the Physiology of the Vegetative Nervous System and Cerebellum] Sbornik dokladov soveshchaniya, Eravan, Armianskoe otd-nie Vses. ob-va fiziologov im. I. P. Pavlova. Vol. 1. 1961. 1v. (CU)

CEREBELLUM—WOUNDS AND INJURIES

- Changes in external respiration in lesions of the cerebellum in dogs. V. S. Vasyevskiy. Fiziol. zhur. [Ukr.] 12 no. 4:471-477 Ji-Ag '66.

CEREBRAL CORTEX

- Role of temporal parts of cerebral cortex in manifestation of acoustic signals of different duration. A. V. Baru. Zhur. vys. nerv. delat. 16 no. 4:655-666 Ji-Ag '66.

- Thalamocortical correlations in rats. M. G. Belekova. Fiziol. zhur. 50 no. 7:803-811 Ji '64.

CEREBROSPINAL FLUID

- Use of infrared spectroscopy in the study of proteins of the cerebrospinal fluid. V. A. Cherkasova. Trudy TSU 8: 8-12 '65.

CEREBROSPINAL FLUID—ANALYSIS

- Electrophoresis of normal cerebrospinal fluid in agar gel. I. Chankov. Lab. delo. no. 5:266-268 '66.

CERESIN see subdivision under Tuymazy Oil Field

CERIUM

- Effect of cerium on certain properties of the pearlitic class cast steel. N. S. Kreshchanovskiy, V. R. Nazarenko. Lit. proizv. no. 5:32-33 My '66.

CERIUM—PURIFICATION

- Purification of cerium by electron transfer in conjunction with its zone melting. V. M. Amosenko and others. Izv. AN SSSR. Neorg. mat. 2 no. 4:576-581 Ap '66.

CERIUM COMPOUNDS

- Stabilization of polysiloxanes by complex compounds of cerium. R. I. Kobzova, E. M. Oparina, N. K. Levkina. Plast. massy no. 8:31-32 '66.

CESIUM ISOTOPES—DECAY

- Study of Cs¹³⁹ and Cs¹⁴⁰ decay. E. A. Zherebin, A. I. Krylov, V. I. Polikarpov. Izd. fiz. 3 no. 6:981-992 Je '66.

CESIUM ISOTOPES—PHYSIOLOGICAL EFFECT

- Effect of different salt composition of water on the accumulation and excretion of cesium-137 by a freshwater fish. G. D. Lebedeva. Radiobiologiya 6 no. 4:556-559 '66.

CEYLON—BUDDHA AND BUDDHISM

- "Revolt in monastery." K. Vladimirov. Az. i Afr. seg. 10 no. 8:16-19 Ag '66.

CEYLON—POLITICS AND GOVERNMENT

- "Revolt in monastery." K. Vladimirov. Az. i Afr. seg. 10 no. 8:16-19 Ag '66.

CHAIRS

- Electrostatic installation for varnishing chairs. V. I. Kucheruk, M. I. Iremochuk, M. D. Ishin. Lis., pap. i der. prom. no. 3: 19-21 My-Je '66.

CHALCOGENIDES

- Production of single crystals of uranium chalcogenides by the method of chemical transport reactions. V. K. Slovianskikh and others. Izv. AN SSSR. Neorg. mat. 2 no. 6:973-975 Je '66.
- Ternary semiconductor chalcogenides of the A^IB^{III}C^{VI} type. L. S. Palatnik, E. I. Rogacheva. Izv. AN SSSR. Neorg. mat. 2 no. 4:659-666 Ap '66.
- Thermal expansion of rare-earth metal chalcogenides. E. M. Dudnik and others. Izv. AN SSSR. Neorg. mat. 2 no. 6:980-983 Je '66.

CHALCOGENIDES—ELECTRIC PROPERTIES

- Thermoelectromotive force of chalcogenides of group V in solid and liquid states. V. M. Glazov, A. N. Krestovnikov, V. A. Evseev. Izv. AN SSSR. Neorg. mat. 2 no. 6:976-979 Je '66.

CHALISOV, IOSIF ALEKSANDROVICH, 1906-

- Iosif Aleksandrovich Chaliso, on his 60th birthday. Arkh. pat. 28 no. 9:86-90 '66.

CHAPA VALLEY (KRASNOYARSK TERRITORY)—METAMORPHISM (GEOLOGY)

- Genetic interrelationship of sillimanite, andalusite, and diaspore in the crystalline schists of the upper Chapa Valley (Yenisey Range). E. N. Ushakova. Geol. i geofiz. no. 3:67-80 '66.

CHAPA VALLEY (KRASNOYARSK TERRITORY)—SILICATES

- Genetic interrelationship of sillimanite, andalusite and diaspore in the crystalline schists of the upper Chapa Valley (Yenisey Range). E. N. Ushakova. Geol. i geofiz. no. 3:67-80 '66.

CHARDZHOU—CONJUNCTIVITIS, GRANULAR—PREVENTION

- Measures for complete and stable elimination of trachoma in districts of Chardzhou zone. Kh. B. Bazarov. Trudy Turk. nauch.-issl. trakh. inst. 9:49-50 '66.

CHARTER PARTIES

- Recent foreign works on affreightment. Shor. mat. TSNIIMF no. 156. Mor. prav. i prak. no. 3:73-74 '66.

CHATKAL RANGE—ORE DEPOSITS

- Relationship between the rare-metal and skarn-complex metal mineralization in the central part of the Chatkal Range (Western Tien Shan). Z. A. Iudalevich, V. N. Apollonov, I. V. Mushkin. Dokl. AN SSSR 169 no. 3:652-655 Ji '66.

CHEBOKSARY—CIVIL DEFENSE—STUDY AND TEACHING

- The students teach. F. Kravchuk. Voen. znau. 42 no. 7:23 Ji '66.

CHEBYSHEV POLYNOMIALS

- Classes of saturation of (C, y)-methods of summation of Fourier series over Jacobi polynomials with $|\alpha| = |\beta| = \frac{1}{2}$. S. O. Kaliaev. Vest. LGU 21 no. 13:18-29 '66.

CHECHEN-INGUSH A.S.S.R.—BANKS AND BANKING

- Our potentialities. A. Driagalov. Den. i kred. 24 no. 7: 63-68 Ji '66.

CHECHEN-INGUSH A.S.S.R.—PUNCHED CARD SYSTEMS—BANKS AND BANKING

- Punched-card section without a machine accounting center. R. Ibragimov. Den. i kred. 24 no. 7:69-71 Ji '66.

CHECHEN PAINTERS see Painters, Chechen

CHECHEN PAINTINGS see Paintings, Chechen

CHEESE INDUSTRY

- Fridenberg, G. V. [Intensification of formation of cheese curd] Intensifikatsiya obrazovaniya syrnoego sguatka. Moskva, TsINTIPishcheprom, 1965. 17 p. [MICROFILM]

CHELATES

- Chelate compounds of diaryltriazones. A. P. Terent'ev, E. G. Rukhadze, T. V. Ershova. Dokl. AN SSSR 169 no. 3:605-609 Ji '66.

- New class of cyclopentadienyl compounds of zirconium containing chelate groups. E. M. Brainina and others. Dokl. AN SSSR 169 no. 2:335-338 Ji '66.

CHELATES—OPTICAL PROPERTIES

- Chelate compounds with optically active ligands. Part 5: Chemical stability of chelate compounds. A. P. Terent'ev and others. Zhur. ob. khim. 36 no. 7:1213-1216 Ji '66.

CHELATES—SPECTRA

- Diffusion selection spectra of polychelates. A. P. Terent'ev and others. Dokl. AN SSSR 168 no. 6:1082-1084 Je '66.

CHELEKEN (TURKMENISTAN)—CHEMICAL WORKERS—DISEASES AND HYGIENE

- Dispensary service for patients with eye diseases of Cheleken Chemical Plant. G. N. Litvinenko, Kh. Ch. Annaredzhopov, A. B. Borydev. Trudy Turk. nauch.-issl. trakh. inst. 9:131-134 '66.

CHELIVADINSK—INDUSTRIAL MANAGEMENT

- Let's work without unnecessary fuss. V. Merental'skiy. Part. zhizn' no. 16: 54-56 Ag '66.

CHELIVADINSK BASIN—COAL MINES AND MINING—MANAGEMENT

- Khoda'ko, A. S. [Work organization in cutter-loader worked longwalls; from practice in cutter-loader worked longwalls of Chelivadinsk coal basin] Organizatsiya truda v kombainovykh lavakh iz opyta ratovyi kombainovykh lav Chelivadinskogo ugol'nogo basina. Chelivadinsk, Uzhno-Ural'skoe knizhnoe izd-vo. 1965. 80 p.

CHEMICAL BONDS

- Bonding energy of phosphoryl oxygen as a criterion of the extracting capacity of organophosphorus compounds. A. V. Nikolaev, I. A. Afanas'ev, A. D. Starostin. Dokl. AN SSSR 169 no. 6:1090-1091 Je '66.

- Nature of bonding and thermodynamic properties of transition metals and metallike compounds. I. A. Reznitskii. Izv. AN SSSR. Neorg. mat. 2 no. 6:979-987 Je '66.

- Nature of intermolecular bonds in complexes with charge transfer. I. G. Arzamasova, E. N. Chudanova. Zh. ob. khim. 36 no. 7:1157-1165 Ji '66.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

- [Chemical and refrigeration machinery manufacture] Ref. zhur. i khim. i khol. mashinost. no. 6 Je '66.

CHEMICAL GENETICS

- Chemical mutagens. Report No. 3. Study of the mutagenic action of ethylenimine, nitrosourea, ethylene and diazotetrazole derivatives on *Acetabularia clathrata* I. Kraus, and *Drosophila melanogaster*. M. E. Baryshevich, L. M. Filippova, R. G. Kostinova. Genetika no. 4:147-155 Ap '66.

- Method of the introduction of chemical mutagens into the transport system of woody plants. G. F. Pridmore, S. S. Shchepov. Genetika no. 4:156-157 Ap '66.

CHEMICAL INDUSTRIES see subdivision under Great Britain; Ural Mountain region

CHEMICAL REACTION, RATE OF

- Analysis of the solution of the system of kinetic equations for the combustion of carbon monoxide in the presence of small additions of hydrogen. V. V. Arshina and others. Dokl. AN SSSR 169 no. 5:908-912 Je '66.

- Rate constants of chain propagation and chain termination during oxidation of methyl ethyl ketone as influenced by the polarity of the medium. G. E. Zaitsev and others. Dokl. AN SSSR 169 no. 5:1000-1002 Je '66.

- Role of excited triplet states in the formation and thermal transformations of acetylene. M. P. Anisimov, A. M. Brodskii. Dokl. AN SSSR 169 no. 6:1256-1258 Je '66.

CHEMICAL REACTIONS

- [Chain reactions and their role in science and technology. Participants in the discussion: N. M. Emanuel' and others] Tsopnye reaktsii i ikh rol' v nauke i tekhnike. V besede uchastvuyut: N. M. Emanuel' i dr. Moskva, Znaniye, 1966. 62 p. (Besedy po aktual'nyim problemam nauki. Novoe v zhizni, nauke, tekhnike. XI Seriya: Khimika, no. 6)

CHEMICAL REACTIONS—THERMODYNAMICS

- Thermodynamic probability of nonequilibrium reactions in the spectral determination of microgram quantities of fluorine. O. B. Troshkina. Dup. AN URSS no. 2: 908-912 '66.

CHEMICAL REACTIONS—CORROSION

- Efficient way to cut out a metal specimen from a reaction body for the purpose of corrosion control. V. I. Zaitseva, N. N. Kolgatin, V. P. Todorovich. Zashch. nat. 2 no. 3:371-372 My-Je '66.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL WORKERS

- Russia (1917- R. S. F. S. R.) Glavnye upravleniya professional'no-tekhnicheskogo obrazovaniya. Treppol'tekhnicheskii uchebno-metodicheskii kabinet. [Training and qualifications of chemical industry workers] Povysheniye kvalifikatsii rabochikh khimicheskoi promyshlennosti. Moskva, Vysshiaia shkola, 1965. 21 p. (Vzrosloskaya pedagogicheskaya chitalka po professional'no-tekhnicheskomu obrazovaniyu, no. 3)

[MICROFILM]

CHEMICAL WORKERS—DISEASES AND HYGIENE see subdivision under Cheleken (Turkmenistan)

CHEMICAL WORKERS—EDUCATION AND TRAINING see subdivision under Leningrad Economic Region

CHEMISTRY

- Kuznetsov, P. G., and G. V. Smirnov. [Cybernetics and chemistry; a manual for teachers] Kibernetika i khimika: posobie dlia uchitelov. Moskva, Prosveshchenie, 1966. 85 p. (Novoe v nauke)

CHEMISTRY (Continued)

Leningrad, Gosudarstvennyi pedagogicheskii institut imeni A.I. Gerisena. [Natural sciences and chemistry; program and abstracts of reports, April 12-May 11, 1965] Estestvoznaniye i khimiya; programma i tezisy dokladov, 12/IV-11/5 1965 g. Leningrad [1965] 126 p. (XVIII Gerisenovskie chteniya)

CHEMISTRY—ABSTRACTS

[Chemistry] Ref. zhur. Khim. nos. 11(1)-11(2) Je '66; nos. 12(1)-12(2) Ji '66.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—EXPERIMENTS

Shkurko, D.I. [Entertaining chemistry; interesting, safe, and simple chemical experiments] Zabavnaia khimiia; zanimatel'nye, bezopasnye i prostye khimicheskie opyty. Leningrad, Detskaiia lit-ra, 1966. 80 p. (Biblioteka pionera "Znai i umei")

CHEMISTRY, ANALYTICAL

Valuable suggestions of chemists. E. Bafasian, A. Sumbatov. Prom. Arm. 9 no. 5: 44-46 My '66.

CHEMISTRY, ANALYTICAL—LABORATORY MANUALS

Rusev, A.I., V.G. Tiplsova, and V.M. Ivanov. [Laboratory manual on the analytical chemistry of rare elements] Prakticheskoe rukovodstvo po analiticheskoi khimii redkikh elementov. Moskva, Khimika, 1966. 409 p.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Brinboim, S.M., L.F. Bolkova, and N.B. Burchinskaya. [Concise manual of laboratory work in quantitative analysis; for students of medical institutes] Kratkoie rukovodstvo k prakticheskim rabotam po kolichestvennomu analizu; dlia studentov meditsinskikh institutov. Kiev, Zdorov'ia, 1966. 134 p.

CHEMISTRY, FORENSIC

Detection of acetic acid in biological material by means of iodine-lanthanum reaction. L.I. Gel'gesen. Sud.-med. eksp. 9 no. 3: 46-47 Ji-S '66.

Forensic chemical examination for components of OTZ-22 brake fluid. K.V. Iakimova. Sud.-med. eksp. 9 no. 3: 44-46 Ji-S '66.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Comparative characteristics of the diagnostic properties of the gonorrhea Lithospermum arvense and Lithospermum officinale. I.T. Lukasevich. Farmatsev. zhur. 21 no. 3: 44-50 '66.

Khaletskii, A.M. [Pharmaceutical chemistry] Farmatsevticheskaiia khimiia. [Leningrad] Meditsina, 1966. 701 p. (DNLM)

New method for the stabilization of sodium ascorbate solution. D.M. Ruzhitskii. Farmatsev. zhur. 20[i. e. 21] no. 4: 40-42 '66.

Photoelectrocolorimetric method for determining thiphen and the conditions of its extraction. I.M. Bodnar. Farmatsev. zhur. 20[i. e. 21] no. 4: 37-39 '66.

Physicochemical characteristics of agaroid. L.O. Andrioleva. Farmatsev. zhur. 21 no. 3: 53-57 '66.

Quantitative determination of plicarapin alkaloids in vegetal raw material and intermediate products of plicarapin production. O.S. Vysovskaia, S.Kh. Mushyna'ka, I.U. V. Shostenko. Farmatsev. zhur. 20[i. e. 21] no. 4: 61-65 '66.

Hepagone reaction of the body to the introduction of chemical precipitated typhoid-paratyphoid vaccine. L.K. Dobrodeeva. Zhur. mikrobiol., epid. i immun. 43 no. 6: 143-144 Ag '66.

Synthesis and properties of rhodanine obtained from leucine. L.I. Koplichuk. Farmatsev. zhur. 21 no. 3: 13-17 '66.

Synthesis and study of β -chloroethylamine derivatives in the 1, 3, 4-thiadiazole series. A.M. Khaletskii, O.O. TSurkina. Farmatsev. zhur. 20[i. e. 21] no. 4: 18-22 '66.

Synthesis and study of 5-arylidene derivatives of hydantoin. I.I. Koplichuk. Farmatsev. zhur. 21 no. 3: 10-13 '66.

Synthesis of rhodanine derivatives on the basis of α -aminobutyric acid. L.I.A. Ladna. Farmatsev. zhur. 20[i. e. 21] no. 4: 14-18 '66.

Synthesis of rhodanines on lysine basis. I.U. D. Kovaliv, B.M. Turkevych. Farmatsev. zhur. 20[i. e. 21] no. 4: 22-27 '66.

Volume methods for quantitative determining antibiotics of the tetracycline series. P.P. Suprun. Farmatsev. zhur. 21 no. 3: 31-36 '66.

CHEMISTRY, METALLURGIC

Esin, O.A., and F.V. Gold. [Physical chemistry of pyrometallurgical processes] Fizicheskaiia khimiia pyrometallurgicheskikh protsessov. Izd. 2, 1. pr. dop. [Moskva] Metallurgika, Pt. 2. [Interaction with the participation of alloys] Vzaïmodelstviiia s uchastiiem rasplavov. 1966. 702 p.

CHEMISTRY, ORGANIC

Polanov, V.M. [Practical applications of organic chemistry] Prakticheskaiia pol'za organicheskoi khimii. [Moskva] Izd-vo Mosk. univ., 1966. 35 p.

CHEMISTRY, PHYSICAL AND THEORETICAL

Gerasimov, I.A.I., ed. [Course in physical chemistry] Kurs fizicheskoi khimii. [By] I.A.I. Gerasimov i dr. Moskva, Khimika. Vol. 2. 1966. 655 p.

CHEMISTRY, PHYSICAL AND THEORETICAL—CONGRESSES

Vassoluznoe soveshchaniie po fizicheskoi khimii rasplavlennykh solei. 2d. Kiev. 1963. [Physical chemistry of fused salts; transactions] Fizicheskaiia khimiia rasplavlennykh solei; trudy. Moskva, Metallurgika, 1963. 354 p.

CHEMISTRY, TECHNICAL

London Conference of the American and British Institutes of Chemical Engineers. G.R. Mal'avekskaia. Inzh. fiz. zhur. 10 no. 6: 813-822 '66.

CHEMISTRY, TECHNICAL—ECONOMIC ASPECTS

Bobrovskii, P.A. [Effect of the chemicalization of production on the national economy] Narodnokhosiatstvennaia effektivnost' khimizatsii proizvodstva. Moskva, Mysl', 1966. 206 p.

CHEREP OVETS (VOLOGDA PROVINCE)—COKING PLANTS—EQUIPMENT AND SUPPLIES

At the Cherepovets Metallurgical Plant. I.El'kind. Koks i khim. no. 5: 63 '66.

CHEREP OVETS (VOLOGDA PROVINCE)—COKING PLANTS—QUALITY CONTROL

Ways of improving the quality of coke at the Cherepovets Metallurgical Plant. M.S. Kruchinin. Koks i khim. no. 5: 32-33 '66.

CHEREP OVETS (VOLOGDA PROVINCE)—IRON AND STEEL WORKERS

Nominated by the collective. I.U. Falatov. Sov. prof-soluzy 22 no. 14: 23-25 Ji '66.

CHERKASSY—CALCULATING MACHINES—STUDY AND TEACHING

Practice in operating the "Olivetti" calculating machines. V. Kashchenko, V. Pavlov. Den. i kred. 24 no. 7: 66-69 Ji '66.

CHERKASSY—HISTORIC HOUSES, ETC.

Let us immortalize the places associated with the heroic past of the Ukrainian people. O.V. Tkanko. Ukr. ist. zhur. 10 no. 6: 152 Je '66.

CHERNIAKHOVSKII, IVAN DANILOVICH, 1906-1946

I.D. Cherniakhovskii; on the 40th anniversary of his birth. I.U.I. Tereshchenko. Ukr. ist. zhur. 10 no. 6: 126-127 Je '66.

CHERNOV, ANATOLII VASIL'EVICH, 1902-1966—BIBLIOGRAPHY

see Bibliography—Chernov, Anatolii Vasil'evich, 1902-1966

CHERNOVTSY PROVINCE see Bukovina

CHERNOZEM SOILS

(see also subdivision under Moldavia)

Effect of cultivation on fertility of leached Chernozems and gray forest soils in Penza Province. K.A. Kuznetsov, N.I. Nikolaeva. Pochvovedenie no. 3: 75-80 Ag '66.

Effect of structure of arable horizon on hydrophysical properties of rich Chernozems and yield of farm crops. A.Sh. Isomkh'arov, S.N. Tatchinov. Pochvovedenie no. 3: 89-105 Ag '66.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1829-1899

Naumova, N.N. [Nikolai Gavrilovich Chernyshevskii; a biography. Textbook for students] Nikolai Gavrilovich Chernyshevskii; biografiia. Posobie dlia uchashchikh-sia. Moskva, Prosveshchente, 1966. 153 p. (Biografiia pisatel'ia)

CHERRY FRUIT SAWFLY

Cherry fruit sawfly. E. Shegoleva. Zashch. rast. 11 no. 7: 37 '66.

CHERSKIY RANGE (YAKUTIA)—ROCKS, IGNEOUS

Rudich, K.N. [Volcano-plutonic formations of the Cherskiy Range (northeastern Asia)] Vulkanoplutonicheskie formatsii tsepi Cherskogo (severo-Vostok Azii). Moskva, Nauka, 1966. 123 p.

CHERSONESE (CITY)—HISTORY

The Roman fleet in the harbor of the Chersonese. E.I. Solomonik. Vest. drev. ist. no. 2: 165-171 '66.

CHESS—COLLECTIONS OF GAMES

Keres, Paul. [One hundred games] Sto partii. Moskva, Fizkul'tura i sport, 1966. 361 p.

CHIATURA REGION (GEORGIA)—MANGANESE ORES

Ways of detecting phosphorus in Chiatura deposit manganese ores. I.V. Georgievskii. Obog. rud 11 no. 2: 51-54 '66.

CHICK-PEA see subdivision under Turkmenistan

CHILD STUDY

Formation of a scientific attitude towards social events in schoolchildren. G.E. Zaleskii. Vop. psikh. 12 no. 3: 131-141 My-Je '66.

Goldszmit, Henryk. [Selected pedagogical works. Translated from Polish] Izbrannye pedagogicheskie proizvedeniia. [Moskva, Prosveshchente, 1966] 469 p. [Publ. under his pseud. Janusz Korczak]

Process of detailing images during the orientation period of activity in junior schoolchildren. N.I. Kuvalinov. Vop. psikh. 12 no. 3: 105-116 My-Je '66.

Some age-related characteristics of the development of literary abilities in schoolchildren. V.P. Agunkova. Vop. psikh. 12 no. 3: 142-152 My-Je '66.

CHILDREN—CARE AND HYGIENE

Epidemiology of dysentery in children attending day nurseries and kindergartens. N.A. Solov'eva, G.N. Nalchabani. Zhur. mikrobiol., epid. i immun. 43 no. 3: 152-153 Ag '66.

[From zero to seven] Ot nolia do seml. Moskva, Znaniie, 1965. 284 p. (Narodnyi universitet: Pedagogicheski fakul'tet, nos. 4/8)

CHILDREN—DISEASES

Characteristics of the cutaneous-allergic reaction to dysentery allergen in young children with dysentery. S.A. Ableva, L.G. Kravchik. Azerb. med. zhur. 43 no. 5: 63-68 My '66.

Etiological and clinical characteristics of respiratory viral infections in children. V.V. Rittova and others. Sov. med. 20 no. 7: 45-49 Ji '66.

Kriachko, I.A., ed. [Physical culture and the health of children and adolescents] Fizicheskaiia kul'tura i zdorov'e detei i podrostkov. Moskva, Meditsina, 1966. 367 p. (DNLM)

CHILDREN—MANAGEMENT

[From zero to seven] Ot nolia do seml. Moskva, Znaniie, 1965. 284 p. (Narodnyi universitet: Pedagogicheski fakul'tet, nos. 4/8)

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE, CZECH

Cherniavskaya, I.S. [Problems of social upbringing in Czech children's literature of the 1920's to the 1940's; lecture for the course "Children's literature" for correspondence students of the children's and school libraries sections of institutes of culture] Problemy obshchestvennogo vospitaniia v chechoskoi detskoi literature 20-40 godov XX veka; lektsiia po kursu "Detskaiia literatura" dlia studentov-zaochnikov otdelei detskikh i shkol'nykh bibliotek institutov kul'tury. Moskva, Mosk. gos. in-t kul'tury, 1965. 81 p.

CHIMKENT PROVINCE—RUNOFF

Determining the basic streamflow parameters of the rivers in Dzhambul and Chimkent Provinces during the growing and non-growing seasons. V.S. Burumenskii. Vest. sel'khoz. nauk [Kazakh]. 0 no. 7: 59-63 '66.

CHINA—CONFUCIUS AND CONFUCIANISM

Heritage of Confucianism in China. L. Vasil'ev. Az. i Afr. seg. 10 no. 8: 45-46 Ag '66.

CHINA—FOREIGN RELATIONS—RUSSIA

Domidova, N.F., and V.S. Mianikov. [First Russian diplomats in China; "Information notes" of I. Potin and report of F.I. Balkov] Pervye russkie diplomaty v Kitae; "Rospiis" I. Potina i statelnyi spisok F.I. Balkova. Moskva, Nauka, 1966. 166 p.

CHINA—HISTORY, MILITARY

Kozlov, N.G. [In the skies of China; reminiscences of an airman] V nebe Kitaiia; vospominaniia letchika. Moskva, Nauka, 1966. 52 p.

CHINA—MILITARY ASSISTANCE, RUSSIAN

Kozlov, N.G. [In the skies of China; reminiscences of an airman] V nebe Kitaiia; vospominaniia letchika. Moskva, Nauka, 1966. 52 p.

CHINA—POLITICS AND GOVERNMENT

Chinese version of "A cultural revolution." Nov. vrem. 24 no. 3: 11-13 S '66.

CHITA PROVINCE—STEPPE

Onon-Argun steppes and their place in the system of phytogeographical regionalization. G.A. Peshkova. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1: 21-27 '66.

CHIKALOV see Orenburg

CHIKALOV PROVINCE see Orenburg Province

CHLORIDES

Interaction between sodium chloride and the chlorides of dysprosium and gadolinium. K.V. Orlov, V.G. Kozlov, N.G. Pospelova. Met. i metallovod. chist. met. no. 5: 73-76 '66.

- CHLORIDES (Continued)**
Mechanism of interaction of tertiary amines with acid chlorides. S. D. Stavrova and others. Dokl. AN SSSR 163 no. 3:639-642 JI '66.
- Studying the fusibility diagram of the system total rare-earth chlorides - sodium chloride. K. V. Orlov, V. G. Kozlov, N. G. Pospelova. Met. i metalloved. chist. met. no. 5:215-218 '66.
- CHLORINATION**
Catalytic chlorination of methyl-(phenyl)-chlorosilanes. E. P. Mikhnev, B. A. Charskala. Plast. massy no. 8:32-34 '66.
- CHLOROPHOS**
Chlorophos increases the yield of cabbage. A. Riazantsev, V. Budzhapov. Zashch. rast. II no. 7:21-22 '66.
- Isolation, detection, and determination of chlorophos in cadaveric matter. A. P. Fartushnyi. Sud.-med. eksp. 9 no. 3:37-44 JI-S '66.
- CHLOROPHOS-TOXICOLOGY**
Quantitative determination of the content of technical chlorophos in aqueous solutions. I. A. Abezgaev and others. Zhur. mikrobiol., epid. i immun. 43 no. 7:29-31 JI '66.
- CHLOROPHYLL**
Effect of DNA synthesis inhibitors on the formation of chlorophyll. T. G. Beridze, and others. Dokl. AN SSSR 198 no. 2:466-468 JI '66.
- Effect of root system strength on photosynthetic activity of leaves and chlorophyll accumulation. V. V. Kazarian. Dokl. AN Arm. SSR 42 no. 5:304-308 '66.
- Effect of some microelements on the accumulation of chlorophyll in cotton. D. Kh. Khodzhaev. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:161-163 '66.
- Effect of thermal treatment of acorns on the chlorophyll and carotenoid content in the leaves of annual oak seedlings. I. U. P. Efimov. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:170-173 '66.
- Photochemical reaction of chlorophylls with thiourea and oxygen. A. A. Krasnovskii, I. M. Sapozhnikova. Dokl. AN SSSR 169 no. 3:695-698 JI '66.
- Study of the reversible oxidation of chlorophyll and its derivatives by polarography. V. M. Kutturin, V. P. Solov'ev, V. I. Grigorovich. Dokl. AN SSSR 198 no. 2: 479-482 JI '66.
- CHLORPROMAZINE—PHYSIOLOGICAL EFFECT**
Coupling following the extinction of basic unconditioned reflexes. B. N. Petukhov. Trudy TSU 81: 54-61 '65.
- CHLORPROMAZINE—THERAPEUTIC USE**
Dynamics of the clinical picture of schizophrenia in adolescents under the effect of insulin therapy combined with aminazine. D. S. Ekhsanova. Trudy TSU 81: 73-77 '65.
- CHOLINE**
Heat production in the acetylcholine and potassium concentrations of the abdominal muscle in frog. I. A. Lomov. Dokl. AN SSSR 169 no. 1:223-226 JI '66.
- CHORAL SINGING**
Preserve the culture of folk singing. V. Zhivov. Sov. muz. 30 no. 5:98-100 My '66.
- CHRISTIANITY—ORIGIN**
Seven churches of the Revelation. A. V. Karev. Brat. vest. no. 1:28-44 '66.
- CHROMAFFIN SYSTEM**
Use of diazole pink "G" for the detection of granules of enterochromaffin cells. G. S. Fomina. Arkh. pat. 28 no. 5:83-84 '66.
- CHROMATOGRAPHIC ANALYSIS**
Determining the amount of phosphamide in technical products. V. V. Voronkova. Khim. v sel'. khoz. 4 no. 8: 51-54 Je '66.
- Quantitative determination of methionine on chromatograms using iodoplatinate. T. S. M. Shitman. Lab. delo. no. 5:284-288 '66.
- CHROMATOPHORES**
Effect of the various intensity of light on the state of green plastids and accumulation of plastic substances in tea leaves. M. Sh. Bakanidze. Subtrop. kul't. no. 1:104-106 '66.
- Light adaptation of mechanism of NADP photoreduction by chloroplasts. E. N. Mukhin, E. A. Akulova. Dokl. AN SSSR 169 no. 3:699-702 JI '66.
- On the presence of a membrane in chloroplasts. I. U. M. Agaeu. Trudy Inst. bot. AN Azerb. SSR 24:36-48 '64.
- CHROMIUM-NICKEL-ALUMINUM ALLOYS** see Nickel-chromium-aluminum alloys
- CHROMIUM-NICKEL STEEL—METALLOGRAPHY**
Certain physicochemical properties of steels of the austenite-martensite class. I. M. Sharshakov, V. S. Postnikov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 7: 123-125 '66.
- CHROMIUM-NIOBIUM ALLOYS**
Intermediate phases in the chromium - niobium system. L. N. Guseva, L. N. Rusanova. Izv. AN SSSR. Neorg. mat. 2 no. 4:589-591 Ap '66.
- CHROMIUM OXIDES**
Phase diagram of the system $\text{Sm}_2\text{O}_3 - \text{Cr}_2\text{O}_3$. V. N. Pavlikov and others. Izv. AN SSSR. Neorg. mat. 2 no. 6:1055-1057 Je '66.
- CHROMIUM PLATING**
Hydrogen absorption by steel during electrolytic chromium plating. F. F. Azhagin, N. V. Garshina, V. I. Sycheva. Zashch. met. 2 no. 3:336-338 My-Je '66.
- CHROMIZING**
Studying conditions for the preparation of chromized iron powder by the method of diffusive saturation from solid, chromium-containing charge mixtures. Report no. 2. I. D. Radomysel'skii, S. G. Napara-Volgina. Porosh. met. 6 no. 7:10-14 JI '66.
- CHROMOPROTEINS**
Effect of phytochrome system on formation of pigments in carrot tissue culture. T. N. Golnev and others. Dokl. AN SSSR 169 no. 3:692-694 JI '66.
- CHROMOSOMES**
Accessory (B) chromosomes in black flies (Simuliidae, Diptera) and their adaptive significance; the problem of "genome microevolution." E. S. Shcherbakov. Genetika no. 4:26-30 Ap '66.
- Comparative radiosensitivity of chromosomes in the cultured peripheral blood leucocytes of normal people and patients with Down's syndrome. A. P. Chudina, T. S. Malutina, E. E. Pogostants. Genetika no. 4:61-63 Ap '66.
- Conservation of radiation damage of chromosomes in fish embryogenesis. D. D. Romashov, V. N. Bellanova. Genetika no. 4:4-15 Ap '66.
- Detection of possible difference in the radiosensitivity of unmarked paternal and maternal chromosomes. B. N. Vaslin, V. I. Urbakh. Radiobiologiya 6 no. 4:568-573 '66.
- Effect of temperature on the reparation processes of irradiated pea chromosomes. P. D. Usmanov. Genetika no. 4:105-113 Ap '66.
- Methodology of obtaining preparations of hemopoietic cell chromosomes of dogs and the possibilities of its use for the identification of bone marrow chimeras. S. A. Khristalov. Biol. eksp. biol. i med. 62 no. 7:124-126 JI '66.
- Occurrence of lethal mutations in the heterochromatic region of the X-chromosome of *Drosophila melanogaster* as related to preradiational development temperature. Z. M. Kogan. Genetika no. 4:38-44 Ap '66.
- CHRONOLOGY**
Klymyslyn, I. A. [Let us talk about chronology] Poho-vorno pro Iliohyslenia. Kyiv, Politydav Ukrainy, 1965. 65 p.
- CHU VALLEY—GEOLOGY, STRUCTURAL**
Basic structures in the southern part of the Chu-Saryn interfluv, based on geophysical data. I. U. A. Semina. Netfegz. geol. i geofiz. no. 6: 33-35 '66.
- CHU VALLEY—SOIL MOISTURE**
Water-salt balance in the soils of the Tastumuk section of the Ulanbel' floodplain of the lower course of the Chu River. Zh. U. Akhanov. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:21-25 My-Je '66.
- CHU VALLEY—SOILS, SALTS IN**
Water-salt balance in the soils of the Tastumuk section of the Ulanbel' floodplain of the lower course of the Chu River. Zh. U. Akhanov. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:21-25 My-Je '66.
- CHUCKS**
Chucks for cutting threads in dead holes. I. F. Kravchenko. Tekh. i org. proizv. no. 1:73 Ja-F '66.
- Draw-in chuck for fixing plunger. L. Ermolov, A. P. Ilyashki. Tekh. v sel'khoz. 20 no. 6:78-79 Je '66.
- CHUKCHI PENINSULA—ARSENIC**
First find of native arsenic in a mercury deposit of the Chukchi Peninsula. P. V. Babkin, E. P. Kim. Dokl. AN SSSR 198 no. 2:424-427 JI '66.
- CHUKCHI PENINSULA—FORAMINIFERA, FOSSIL**
Lower Pleistocene Foraminifera of Chukchi Peninsula. L. M. Khoreva. Biol. Kom. chetv. per. no. 3:104-116 '66.
- CHUKCHI PENINSULA—FROZEN GROUND**
Cryogenic structure of seasonally thawing layer in boundaries of vein polygons in Chukchi Peninsula. E. A. Viturina. Biol. Kom. chetv. per. no. 3:73-85 '66.
- CHUKCHI PENINSULA—GOLD ORES**
Sidorov, A. A. [Gold-silver mineralization in central Chukchi Peninsula] Zoloto-serebrniane otydenale Tsentral'noi Chukotki. Moskva, Nauka, 1966, 144 p.
- CHUKCHI PENINSULA—GRANITE**
Characteristics of the formation of the Late Mesozoic granitoids in the Chum fold zone of the Chukchi Peninsula. I. A. Zografina. Geol. i geofiz. no. 4:80-86 '66.
- CHUKCHI PENINSULA—LANDFORMS**
Cryogenic structure of seasonally thawing layer in boundaries of vein polygons in Chukchi Peninsula. E. A. Viturina. Biol. Kom. chetv. per. no. 3:73-85 '66.
- CHUKCHI PENINSULA—MERCURY ORES**
First find of native arsenic in a mercury deposit of the Chukchi Peninsula. P. V. Babkin, E. P. Kim. Dokl. AN SSSR 198 no. 2:424-427 JI '66.
- CHUKCHI PENINSULA—SILVER ORES**
Sidorov, A. A. [Gold-silver mineralization in central Chukchi Peninsula] Zoloto-serebrniane otydenale Tsentral'noi Chukotki. Moskva, Nauka, 1966, 144 p.
- CHUKCHI PENINSULA—TIN ORES**
Zil'bernitsa, A. V. [Geology and general of the fifth tin-tungsten deposit] Geologiya i general'no-tekhnologicheskoe obozrenie vol'tramovogo menterozhidnitsa. Moskva, Nauka, 1966, 180 p.
- CHUKCHI PENINSULA—TUNGSTEN ORES**
Zil'bernitsa, A. V. [Geology and general of the fifth tin-tungsten deposit] Geologiya i general'no-tekhnologicheskoe obozrenie vol'tramovogo menterozhidnitsa. Moskva, Nauka, 1966, 180 p.
- CHURCH AND SOCIAL PROBLEMS—ORTHODOX EASTERN CHURCH**
Krasnov, A. V. [Criticism of the Christian conception of the historical process; based on materials of Russian Orthodoxy] Kratika khristianskoi kontseptsii istoricheskogo protsessu; na materialakh russkogo pravoslavl'ia. Moskva, Mysl', 1965. 70 p.
- CHURCH AND STATE** see subdivision under POLAND
- CHURCH MUSIC—HISTORY AND CRITICISM**
Izoznash'ko, K. K. [The art of music and religious historical sketch] Muzykal'noe iskusstvo i religiozno-istoricheski ocherk. Moskva, Muzyka, 1965. 162 p. (WU)
- CHURCH SLAVIC LANGUAGE**
Nanova, T. A. [Old Slavonic language; methodological and historical sketch] Staroslavianskii iazyk: metodologicheskoe i istoricheskoe obozrenie. Leningrad, Izdat. Leningr. univ., 1965. (CaOTU)
- CHUVASHA—DESCRIPTION AND TRAVEL**
Buzlov, K. [Five hundred hours of silence; notes, reflections, quarrels, and even verses] Piat' set' chasa (shahy; zametki, razmyshleniya, apory i dacha stah). Moskva, Mysl', 1966. 187 p. (Putechestviya, publicheniya, fantastika)
- CHUVASH LANGUAGE—DIALECTS**
Knutukova, A. B. [Chuvash dialectology; brief sketch] Chuvashskii dialektologiya; kratkie ocherki. Chelobkary, Chuvashskoe knizhnoe izd-vo, 1965. 165 p. (NIC)
- CHUVASHIA—ETHNOLOGY**
Kukhlovskii, V. P. [The origin of the Chuvash people; basic stages of their ethnological history] Prois-khozhdenie chuvashskogo naroda; osnovnye etapy etnicheskoi istorii. [Chelobkary] Chuvashskoe knizhnoe izd-vo, 1965. 481 p. (CSU-II)
- CHUVASHIA—STATISTICS**
Chuvash A. S. S. R. Statisticheskoe upravleniye. [Statistical data in figures for 45 years; a statistical abstract] Sovetskaya Chuvashia za 45 let (v tsifrakh); statisticheski sbornik. Chelobkary, Chuvashskoe knizhnoe izd-vo, 1965. 190 p.
- CIGARETTE LIGHTERS**
Manufacturing lighters with capron caps. E. I. Lelchuk. Biol. tekhn. - ekon. inform. Gos. nauch. - issled. nauch. i tekhn. inform. 10 no. 6:11-12 Je '66.
- CIMMERIAN ROSPORUS (KINGDOM)**
The circulation of money in an ancient emporium of the Rosporus Kingdom near the present-day village of Elizavetinskaya in the central Kuban Valley. N. V. Antimov. Vost. drev. iut. no. 2:157-165 '66.
- CINNAMIC ACID**
Chromatography of esters of nitro-substituted aromatic carboxylic acids with phenols. Part 2: Esters of trans-4-nitrocinnamic acid. A. V. Belokobyl'tsev, T. F. Enina, M. K. Larina. Zhur. obshch. khim. 39 no. 7:1203-1204 JI '66.
- CIRCULATORY SYSTEM** see Cardiovascular system

CITIES AND TOWNS

(see also subdivision under Asia Minor; Georgia)

The emergence and development of factory settlements in the central industrial regions of European Russia. I. A. Vodarskii. Ist. SSSR 10 no. 3:144-160 My-Je '66.

CITRIC ACID

Resources of mobile phosphorus compounds in soils of tea plantations and methods for their determination. G. I. Goletskii, N. N. Kelendzhidze, Khim. v sel', Khokh. 4 no. 8:62-66 Ag '66.

CITRUS FRUITS

(see also subdivision under Krasnodar Territory)

Determining residues of monuron, diuron, and simazine in citrus fruits. Z. F. Iurkova, M. A. Klisenko, Khim. v sel', Khokh. 4 no. 7:52-54 JI '66.

For a complete solution of the problem of the reliable protection of citrus fruits from frost. G. S. Morozov, Subtrop. kult., no. 11-5 '66.

Lessons of the severe 1963-1964 winter and the further improvement of citrus fruit growing. G. B. Nadarala, Subtrop. kult., no. 1:3-19 '66.

CITRUS FRUITS—FERTILIZERS AND MANURES

Effect of various fertilizers on the agrochemical characteristics of soils in citrus fruit plantations. I. D. Gamkrelidze, Subtrop. kult., no. 1:40-67 '66.

CIVIL DEFENSE

The cause of millions. A. Getman. Voen. znan. 42 no. 8:1-3 Ag '66.

Keep accurate records. S. Kosarev. Voen. znan. 42 no. 7:38 JI '66.

On the level on contemporary needs. Voen. znan. 42 no. 8:1-6 Ag '66.

CIVIL DEFENSE—HANDBOOKS, MANUALS, ETC.

Vsesoluzhnoe Dobrovol'noe Obshchestvo sodeistviia Armi, Aviatsii i Flotu. [Ways of protection from nuclear, chemical and bacteriological weapons; methodological manual for volunteer instructors] Sposoby zashchity ot laderoga, khimicheskogo i bakteriolozhicheskogo oruzhiia; uchebno-metodicheskoe posobie dlia obshchestvennykh instruktorov. Pod obshch. red. N. S. Pokrovskogo. Izd. 2., ispr. Moskva, DOSAAF, 1965. 125 p.

CIVIL DEFENSE—STUDY AND TEACHING

Committee as the organizer of mass defense work. G. Shatunov. Voen. znan. 42 no. 7:2-4 JI '66.

The hardening of the young generation. V. Mironov. Voen. znan. 42 no. 8:4-5 Ag '66.

Instruction of detachments. A. Strigin. Voen. znan. 42 no. 8:23-29 Ag '66.

Instruction of detachments (to be concluded). A. Strigin. Voen. znan. 42 no. 7:26-28 JI '66.

Soldiers of the fiery front. V. Kulakov, K. Semenov. Voen. znan. 42 no. 8:26-27 Ag '66.

Strengthen the defensive ability of our country. Voen. znan. 42 no. 7:1-4 JI '66.

Through fire and obstacles. B. Belikov, N. Borchenko. Voen. znan. 42 no. 8:18-19 Ag '66.

The topic is veterinary treatment. A. Mil'skii. Voen. znan. 42 no. 8:25 Ag '66.

When specificity is considered. I. Shchegolev. Voen. znan. 42 no. 8:22-23 Ag '66.

CIVIL LAW

(see also subdivision under Ukraine; Union Republics)

Russia (1917- R.S.F.S.R.) Laws, statutes. [Commentary on the theory and application of the Civil Code of the R.S.F.S.R.] Nauchno-prakticheski kommentarii k GK RSFSR. Pod red. E. A. Flotskii. Moskva, Iuridicheskaya literatura, 1966. 640 p.

CIVIL PROCEDURE

(see also subdivision under Union Republics)

Protection of the right of the individual and the problem of truth in civil procedure. O. V. Ivanov. Vest. Mosk. un. Ser. 12:Pravo 21 no. 2:15-25 Mr-Apr '66.

CIVIL PROCEDURE (INTERNATIONAL LAW)

Lunts, L. A. [International civil procedure] Mezhdunarodnyi grazhdanski protsess. Moskva, Iuridicheskaya literatura, 1966. 188 p. (Hiz. Kurs mezhdunarodnogo chasnogo prava)

CIVIL RIGHTS

(see also subdivision under Europe, Eastern)

Criminal responsibility for the violation of the sanctity of the home. A. Pol'dman. Rad. pravo 29 no. 2:62-66 F '66.

CLADOCERA see Water fleas

CLAIRVOYANCE

Melikhin, S. T. [Is it possible to foresee the future?] Mozhno li predvidet' budushchee? Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike, XII Seriya: Estestvoznaniye i religiya, no. 6)

CLASSICAL ANTIQUITIES

Contorniates from the collection of the Hermitage. V. M. Brabich. Vest. drev. ist. no. 2:172-174 '66.

CLASSIFICATION, UNIVERSAL DECIMAL

Vsesoluzhnyi nauchno-isledovatel'skii institut ekonomiki mineral'nogo syr'ya i geologorazvedochnykh rabot. Universal decimal classification (UDC); tables for branches of geology, geodesy, cartography, and related branches of science and technology. Universal'naya de-sialichnaya klassifikatsiya (UDK); otroslovye tablitsy po geologii, geodezii, kartografii i smozhnykh otrasliam nauki i tekhniki. Moskva, Nedra, 1966. 222 p.

CLASSIFIED CATALOGS see Catalogs, Classified

CLASSROOM SIMULATORS

Recent experiments in composition of mechanical oscillations and in mechanical resonance. I. A. E. Ametistavskii, A. S. Mamakov. Usp. fiz. nauk 89 no. 4:710-714 Ag '66.

CLAY see subdivision under Khanka Depression

CLAY—ANALYSIS see subdivision under Maritime Territory

CLAY—ATLASES

Rekshinskaya, L. G. [Atlas of electron photomicrographs of clay minerals and their natural associations in sedimentary rock] Atlas elektronnykh mikrofotografii glinitnykh mineralov i ikh prirodnykh assotsiatsii v osadochnykh porodakh. Moskva, Nedra, 1966. 229 p.

CLEANING COMPOUNDS

Surface activity and detergency of aqueous solutions of some alkyl aromatic sulfonates. N. I. Shukhin and others. Izv. AN SSSR. Ser. khim. no. 7:1246-1251 '66.

CLEARING OF LAND—EQUIPMENT AND SUPPLIES

Wide-range plow for plowing under shrubs. O. Matsepuro. Tekh. v sel'khokh. 26 no. 6:136 Je '66.

CLEARINGHOUSE

Bank deposits. A. Kosoi. Den. i kred. 24 no. 7:35-38 JI '66.

CLEARWINGED MOTHS—PARASITES see Parasites—Clearwinged moths

CLERKS OF COURT

Secretary assigned to court session. P. Pansenko. Rad. pravo 29 no. 7:66-67 JI '66.

CLIMACTERIC

Immediate and late results of ethaperazine therapy in the climacteric syndrome. T. M. Dondukova. Sov. med. 29 no. 7:110-124 JI '66.

CLOSTRIDIUM

Clostridium tetani in soils of Moldavia in connection with their sanitary conditions. D. A. Volkova. Mikrobiol. prots. v pochv. Mold. no. 2:76-79 '66.

Obtaining of high-purity antitoxins of Clostridium oedematis. G. F. Shennikova, E. V. Vlasova, S. A. Shamraeva. Zhur. mikrobiol., epid. i immunit. 43 no. 7:52-54 JI '66.

Toxin formation in Clostridium perfringens type E. E. P. Zemlinitskaya, K. I. Meteev, F. F. TSurikov. Zhur. mikrobiol., epid. i immunit. 43 no. 7:86-90 JI '66.

CLOSTRIDIUM—CULTURES AND CULTURE MEDIA

Changes in the composition of the microflora mass of the type A Clostridium perfringens during the development of cultures. I. P. Malerova, V. A. Blagoveshchenskii. Biol. ekol. i med. 61 no. 4:74-77 Ap '66.

CLOSTRIDIUM—TOXICOLOGY

Effect of some amino acids on the growth and toxin formation of botulinum pathogens of the A, B, C and E types and their toxins. Zhur. mikrobiol., epid. i immunit. 43 no. 7:86-90 JI '66.

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Kapustin, I. I., and I. I. Galyuker. [Automatic machines and lines in the clothing and shoe industries] Mashiny i avtomaty i avtomaticheskie lini v shivnom i obuvnom proizvodstve. Moskva, Legkaya Industriya, 1966. 421 p.

CLOTHING INDUSTRY—MANAGEMENT

(see also subdivision under Leningrad) Nikitina, I. G., and V. A. Shishova. [Economics, organization and planning in the clothing industry] Ekonomika, organizatsiya i planirovaniye shivnogo proizvodstva. Pod red. A. A. Turchaninova. Moskva, Legkaya Industriya, 1966. 373 p.

CLOTHING WORKERS—DISEASES AND HYGIENE see subdivision under Tallinn

CLOUDS—CONGRESSES

International Symposium on Noctilucent Clouds. Ch. I. Villmann, O. A. Avast, Izv. AN SSSR. Fiz. atm. i okeana 2 no. 6:672-676 Je '66.

CLUBFOOT

Methodology of operative treatment of a congenital clubfoot in children. P. P. Moroz. Ortop., travm. i protez. 27 no. 5:47-53 My '66.

COAL—ANALYSIS

(see also subdivision under Kuznetsk Basin)

Dogdanov, M. Y. [Chemical characteristics and genesis of brown coals of Kazakhstan] Khimicheskie osobennosti i geneza bryukh uglei Kazakhstana. Moskva, Nauka, 1966. 164 p.

COAL—GRADING see subdivision under Karaganda Basin

COAL—TRANSPORTATION

Work practices of a mixed continuous-production brigade. P. Brekhovskikh. Rech. transp. 25 no. 7:52 '66.

COAL GEOLOGY

(see also subdivision under Kansk-Achinsk Basin; Kazakhstan; Yakutia)

Felt, G. N. [Strength properties and resistance of coal seams subject to outbursts] Prochnostnye svoystva i ustoiichivost' vybrosoopasnykh ugo'nykh plastov. Moskva, Nauka, 1966. 78 p.

COAL—HANDLING MACHINERY

Using PML-6 rock loading equipment in inclined workings mined from top to bottom. A. M. Friedland, N. P. Dmitriev. Shkhit. stroi. no. 7:24-25 JI '66.

COAL MINES AND MINING

(see also subdivision under Donetsk Basin; Kuznetsk Basin)

Determination of the operational moisture of brown coals. N. V. Mikulina. Razved. i okh. nedr 32 no. 4:20-31 Ap '66.

Main principles of elaborating industrial and technical requirements for the design of powered supports for slopes in steeply pitching coal seams. K. A. Ardashov, V. M. Shik. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:70-74 '66.

Matzel', L. L. [Mathematical evaluation of the economic efficiency of concentrating production in coal mines; a report] Matematicheskaya otsenka ekonomicheskoi effektivnosti kontsentratsii proizvodstva na ugo'nykh shakhtakh; nauchnyi doklad. Moskva, In-t gornogo deln. A. A. Skochinskogo, 1965. 48 p.

COAL MINES AND MINING—COLD WEATHER CONDITIONS see subdivision under Siberia

COAL MINES AND MINING—CONGRESSES

Problems of future coal mines. P. T. Prikhodko. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:150 '66.

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES (see also subdivision under Kansk-Achinsk Basin; Karaganda Basin)

Wear of pipelines, breakage of the material conveyed, and hydraulic resistances in hydraulic transportation. V. V. Trainin, K. I. Afanov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:108-113 '66.

COAL MINES AND MINING—FINANCE see subdivision under Ukraine

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

How to determine the degree of mine fire hazards. V. A. Moiseev. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:141-145 '66.

COAL MINES AND MINING—MACHINERY AND EQUIPMENT see subdivision under

COAL MINE

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform standards and estimates for mining operations in the building of underground and open-pit coal mines] Edinye normy i raschetniki na gornopromyshlennye raboty pri stroitel'stve ugo'nykh shakht i kar'rov. Moskva, Stroizdat, 1966. 186 p.

COAL MINES AND MINING—RESEARCH

Work of All-Union Scientific Research Institute for Organization and Mechanization of Coal Mines and Mining on using synthetic materials. G. P. Kukulin, P. I. Muchnik. Shkhit. stroi. no. 7:29 JI '66.

COAL MINES AND MINING—SAFETY MEASURES

Makoyev, A. Nauchno-isledovatel'skii institut po bezopasnosti rabot v gornoi promyshlennosti. [Guide on the safe use of short-delay blasting in coal mines presenting a gas and dust hazard] Rukovodstvo po bezopasnomu primeneniyu korotkozamedlenogo vzryvaniya v ugo'nykh shakhtakh, opasnykh po gazu ili pyli. 3. Izd. dop. Moskva, Nedra, 1966. 163 p.

Proobrazhenskaya, E. I., and others. [Design, installation and operation of gas draining-out areas; a practical manual] Proektirovaniye, montazh i okaplunatsiya degazatsionnykh uchastkov; prakticheskoe posobie. Pod red. G. E. Ivanchenko. Moskva, Nedra, 1966. 127 p.

COAL MINING MACHINERY

(see also subdivision under Donets Basin)

Bases for the classification of Karaganda coals according to indices of their resistance to breaking. P. E. Antonov and others. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3; 35-40 '66.

COAL MINING MACHINERY—TESTING

Wear resistance of the cutters of PD-1r rock cutter-loaders during shaft boring. G. P. Mallarov, A. S. Bank. Vzyv. delo no. 58/15:186-193 '66.

COAL PREPARATION

Interaction and effect of physicochemical factors on the flocculation process of coal fines. G. R. Bochkarev, V. L. Fedosova. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:131-134 '66.

COAL PREPARATION—TABLES, CALCULATIONS, ETC.

Selection and basis of an efficient water-pulp flow sheet for coal preparation plants. T. G. Fomenko, V. S. Butovetskii. Koks i khim. no. 5:16-21 '66.

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Causes of the lack of conformity between the actual density of separation and the density of the mineral suspension in the process of coal preparation. A. I. Ol'fert. Koks i khim. no. 5:13-15 '66.

A method of calculating basic technological parameters of hammer breakers. I. G. Kapel'zon. Koks i khim. no. 5:58-61 '66.

Results of the studies on the drying of coal preparation products in apparatus with a fluidized bed. Yu. B. Tiutunov and others. Koks i khim. no. 5:9-13 '66.

Trachenko, L. A., and V. I. Perepletchikov. [Installation of industrial equipment in coal preparation plants] Montazh tekhnologicheskogo oborudovaniia ugleobogatitel'mukh fabrik. Moskva, Nedra, 1966. 274 p.

COASTS

Some regularities in the development of the underwater coastal slope in the tideless seas. E. A. Popov. Mor. sbor. 49 no. 6: 66-57 Je '66.

COBALT COMPOUNDS

New compounds with the $W_2Cr_2C_6$ -type structure in some ternary systems involving cobalt. I. U. V. Voroshilov, I. U. B. Kuz'ma. Izv. AN SSSR. Neorg. mat. 2 no. 4:764-765 Ap '66.

COBALT-IRON ALLOYS see Iron-cobalt alloys

COBALT-NICKEL-ALUMINUM ALLOYS—METALLOGRAPHY

X-ray study of structural transformations in an alloy of aluminum with titanium. M. P. Arbuzov, A. A. Pavlukov. Fiz. met. i metalloved. 21 no. 5:708-712 My '66.

COBALT-PLATINUM ALLOYS

Certain properties of the Co-Pt alloy. A. G. Rabin'kin. Fiz. met. i metalloved. 21 no. 5:688-692 My '66.

COBALT-TITANIUM-NICKEL ALLOYS see Titanium-cobalt-nickel alloys

CODING THEORY

Elimination of redundancies in codes of plane images. A. G. Mamistvalov. Sob. AN Gruz. SSR 43 no. 1:31-36 Ji '66.

Meschkovski, K. A., and N. E. Kirillov. [Coding in communications technology] Kodirovanie v tekhnike svyazi. [Moskva] Svyaz', 1966. 323 p.

CODLING MOTH—EXTERMINATION

Effectiveness of new insecticides against the codling moth. T. G. Moroz. Khim. v sel'sk. khoz. 4 no. 6: 21 Je '66.

Is it necessary to collect windfalls? A. Shestakova. Zashch. rast. 11 no. 7:40 '66.

COEFFICIENT OF EXPANSION see Expansion (Heat)

COKE—TESTING

Improving the physical properties of coke and bettering the methods of their study. I. I. Korobov. Koks i khim. no. 5:25-29 '66.

Reactivity and electric resistance of gas coke. V. M. Strakhov, V. S. Arkhipov, V. G. Mizin. Koks i khim. no. 5:34-37 '66.

Testing conditions of coke and their effect on the indices of its quality. E. B. Ivanov and others. Koks i khim. no. 5:30-31 '66.

COKE INDUSTRY see subdivision under Siberia

COKE INDUSTRY—BY-PRODUCTS

Carry out the decisions of the 23d Congress of the Communist Party of the Soviet Union. Koks i khim. no. 5: 1-3 '66.

Cleaning of benzene from nonaromatic hydrocarbons. V. A. Sapanov, G. S. Miropol'skii, V. I. Korobchanskii. Koks i khim. no. 5:48-50 '66.

Eldie'man, E. Ia., Sh. M. Sagalovskii, and V. I. Korobchanskii. [Today and tomorrow of coal chemistry] Segodnia i zavtra uglekhiimii. Pod red. Kuznetsova, M. D. Donetsk, Donbass, 1964. 39 p.

Studying the catalytic hydraulic cleaning of the fraction of coke chemical benzene. L. I. Maritch. Koks i khim. no. 5:44-48 '66.

COKE INDUSTRY—LABOR PRODUCTIVITY see subdivision under Donetsk Province

COKE MANUFACTURE

Dynamics of shrinkage in the process of coke manufacture. D. A. Muchnik, T. A. Iarovenko, A. A. Semenuk. Koks i khim. no. 5:22-25 '66.

COKE MANUFACTURE—QUALITY CONTROL

Testing conditions of coke and their effect on the indices of its quality. E. B. Ivanov and others. Koks i khim. no. 5:30-31 '66.

COKE-OVEN GAS—ANALYSIS

Mechanism of the catching of pyridine bases from coke-oven gas. V. M. Kaganov, G. D. Kharalampovich. Koks i khim. no. 5:37-43 '66.

COKE OVENS—MAINTENANCE AND REPAIR

Lgalov, K. I., S. I. Kaffan, and G. M. Vol'fovskii. [Repair of brickwork and reinforcing equipment of coke ovens] Remont kladki i armirutshego oborudovaniia koksnykh pechel. [Moskva] Metallurgiya, 1966. 326 p.

COKING PLANTS—EQUIPMENT AND SUPPLIES see subdivision under Cherepovets (Vologda Province); Nizhnyi Tagil

COKING PLANTS—QUALITY CONTROL see subdivision under Cherepovets (Vologda Province)

COLD—PHYSIOLOGICAL EFFECT

Separation of afferent and efferent impulses in the conduction of sympathetic nerves in a chronic experiment with local reversible cooling. A. D. Noddrachev. Biol. eksp. biol. i med. 52 no. 7:13-17 Ji '66.

COLICINS

Selection of indicator strains for typing colicinogenic cultures of Escherichia coli. Report No. 3; Use of mono- and disaccharide cultures for typing strains with multiple colicinogenicity. N. V. Davydova, D. G. Kudlat, V. G. Petrovskaya. Zhur. mikrobiol., epid. i immu. 43 no. 7:91-94 Ji '66.

COLITIS

Materials for the study of acute enterocolitis in adults and children caused by the enterogenic O124:K72 (D17) Escherichia coli. E. M. Novgorodskaya and others. Zhur. mikrobiol., epid. i immu. 43 no. 8:21-26 Ag '66.

COLLECTIVIT

Moscow. Tsentral'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoi, tsellulozno-bumazhnoi, derevoobrabatyvatshelei promyshlennosti i lesnomu khoziaistvu. [Production of collectivity from hydrolysis lignin using oleum] Polucheniye kolkktivita iz gidroliznogo lignina s primeneniem oleuma. [By] G. Z. Iakovenko, i dr. Moskva, 1965. 32 p. (Gidroliz i lesokhimiia) [MICROFILM]

COLLECTIVE FARMS

(see also subdivision under Bukovina; Lithuania; Saratov Province; White Russia)

Konlayev, N. I. [Should the health of a collective farmer be injured...?] Esli zdorov'iu kolkhoznika prichinen vred... Moskva, Iuridicheskaya literatura, 1966. 70 p.

Sharapov, G. V. [Criticism of the agrarian problem by anticommunism] Kritika antikomunizma po agrarnomu voprosu. Moskva, Mysl', 1966. 306 p.

Subsidiary enterprises of individual collective farms. I. Lozo. Rad.pravo 29 no. 2:50-61 F '66.

COLLECTIVE FARMS—ACCOUNTING

Mitushkin, T. S. [Profitability in farming and business accounting on collective farms] Rentabel'nost' sel'skokhoziaistvennogo proizvodstva i khozraschet v kolkhozakh. Moskva, Statistika, 1966. 85 p. (Biblioteka bukhgalterskogo kolkhoza)

COLLECTIVE FARMS—AUDITING AND INSPECTION see subdivision under Ukraine

COLLECTIVE FARMS—FINANCE

(see also subdivision under Bryansk Province; Voronezh Province)

Stages of growth. M. Belous, V. Gotsintsk. Fin. SSSR 40 no. 5:67-69 Ag '66.

Strengthen economy of collective farms. A. Bozhko. Fin. SSSR 40 no. 7:20-26 Ji '66.

COLLECTIVE FARMS—INCOME DISTRIBUTION

Following the advice of the committee. I. Bezruk. Sov. profsoyuz 22 no. 14:16 Ji '66.

Ploskonos, G. A., and S. G. Prodanets. [Carrying out the principle of material incentive in collective farm production during the period of large-scale building of communism] Osnachestvenno primeneniye material'nol zahotorenosti v kolkhoznom proizvodstve v period razvirovutogo stroitel'stva kommunizma; konsept lektii po XIX, XX i XXI temam kursov politicheskoi i ekonomicheskoi obshchestvennaia nauka fakul'teta Odesskogo universiteta. Odessa, Odesskii gosudarstvennyi universitet, 1964. 31 p. (CSI-II)

COLLECTIVE FARMS—LAWS AND LEGISLATION

Preparation of the new Collective Farm Statute. A. Y. nonbaum. Rad.pravo 20 no. 7:67-71 Ji '66.

Protect the rights of collective farm and collective farmers by every means. A. Volkov. Sov. iust. 25 no. 10:20-21 Mi '66.

Recommended statutes are the fundamental law of collective farm life. Vent. Mosk. un. Ser. 12:Pravo 21 no. 2:84-90 Mr-Ap '66.

Strengthen the collective farm democracy. V. Koshlits. Sov. profsoyuz 22 no. 14:16-17 Ji '66.

COLLECTIVE FARMS—MANAGEMENT see subdivision under Central Chernozem Economic Region; Ukraine

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

What should be the rights and duties of collective farm officials? T. Syvotetskaya. Sots. zakon. no. 5:42-41 My '66.

COLLECTIVE FARMS—PENSIONS

(see also subdivision under Uzbekistan)

Legal advice. Rad.pravo 20 no. 2:111-112 F '66.

Russia (1923- U.S.S.R.) Laws, statutes, etc. [Social security and pension insurance on collective farms; a collection of the principal documents] Sotsial'noe strakhovanie i pensionnoye osigovaniye v kolkhozakh; sbornik zakonodatel'nykh aktov. [Moskva] Profizdat, 1960. 100 p.

Russia (1923- U.S.S.R.) Laws, statutes, etc. [Pensions and allowances for collective farm members; a collection of legislative documents] Pensii i posobiya chlenam kolkhozov; sbornik zakonodatel'nykh aktov. Moskva, Urazdat, 1965. 141 p. (CSI-II)

COLLECTIVE FARMS—PRIVATE PLOTS

Economic role of the individual plots of collective farmers. I. E. Likhman. Vestn. AN BSSR. Ser. ekonom. nauch. 3:17-24 '66.

COLLECTIVE LABOR AGREEMENTS—STATE FARMS

Collective labor agreements on state farms. V. Byala. Rad.pravo 29 no. 2:70-73 F '66.

COLLECTIVISM

Bardin, S. M. [Friendship, work, collective] Brodsk. trud, kollektiv. Moskva, Profizdat, 1963. 169 p. (NeU)

COLLISIONS (NUCLEAR PHYSICS)

Cross section of double bremsstrahlung in electron collisions in the small-angle approximation. V. B. Synch. Izv. fiz. 4 no. 2:308-309 Ag '66.

Effect of Coulomb collisions on the drift instability of a plasma. A. A. Rukhadze, V. P. Silin. Dokl. AN SSSR 169 no. 3:558-561 Ji '66.

Experimental study of effective cross sections of double integration and formation of fast negative ions in electron collisions. I. B. Dmitriev and others. Zhur. teoret. fiz. 50 no. 5:1252-1259 My '66.

Mean production in pp-collisions at 55 Mev, and the determination of absorption coefficients. V. A. Vashchenko. Izv. fiz. 3 no. 6:1101-1108 Je '66.

Third All-Union Conference on Physics of Elementary Collisions. G. P. Drukarev, L. A. Sena. Usp. fiz. nauk 80 no. 4:724-729 Ag '66.

COLLISIONS AT SEA

Decisions of English courts. Sher. mal. TSNIMF no. 156. Mor. pravo i prak. no. 3:49-55 '66.

Liability for the collision of sea vessels caused by incorrect fog signals and inadequate observation. I. B. Egorov. Sher. mal. TSNIMF no. 156. Mor. pravo i prak. no. 3:21-27 '66.

COLLOIDS

Electrophoretic velocity of colloidal particles studied by the moving boundary method. A. Kuzor, P. Kharin, A. Bhatnagar. Koll. zhur. 28 no. 3:416-419 My '66.

COLLOIDS—TESTING

Deformation and durability properties of concentrated disperse systems. M. P. Volynovich, N. I. Malashin. Izv. fiz. zhur. 10 no. 6:804-812 '66.

COLOMBIA—POLITICS AND GOVERNMENT

People and events; Carlos Lleras Restrepo. Nov. vuz. 24 no. 3:15 Ag '66.

COLON (ANATOMY)—INFLAMMATION

Etiology and pathogenesis of chronic nondysenteric colitis. A. M. Nogaller. Sov. med. 29 no. 7:12-17 J1 '66.

COLOR CENTERS

Formation of color centers in alkali halide crystals irradiated in a reactor at equal and low temperatures. E. L. Andronikashvili, N. G. Politov, M. G. Abramishvili. Elektron. i ion. prots. v tver. tel. no. 2:14-18 '66.

COLOR IN INDUSTRY

Solomonov, S. A., and N. S. Tuberova. [Color in industrial products] Tsvet v promyshlennyykh izdeliakh. Leningrad, 1966. 43 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Bibliotekha "Tekhnicheskaya estetika")

COLOR OF FRUIT

Fedorova, G. A. [Natural coloring matter in fruits and berries] Estestvennye krasiteli v plodovo-lagodnom syr'ye. Moskva, TsINTIPishcheprom, 1965. 37 p. [MICROFILM]

COLOR OF PLANTS

Biochemical changes linked with mutations of the loss of anthocyanin coloration of flowers in some plants. Halida al Bassam. Dokl. AN SSSR 168 no. 6:1405-1408 Je '66.

COLOR PRINTING

Some problems of color format for newspapers. V. V. Popov. Vest. Mosk. un. Ser. II: Zhur. 21 no. 1:40-49 Ja-F '66.

COLORIMETRY

International exhibition "Chemistry in Industry, Construction, and Agriculture." G. O. Tatevosyan. Pishch. masly no. 8:78-79 '66.

Photocolorimetric determination of protein in human milk. I. I. Dobrosheva. Lab. delo no. 8:478-480 '66.

Photoelectrocolorimetric method for determining tiphen and the conditions of its extraction. I. M. Dolinar. Farmatev. zhur. 20(1, e. 21) no. 4:37-39 '66.

Photoelectrocolorimetric method for quantitative determination of dicene. D. I. Rohovskiy. Farmatev. zhur. 21 no. 3:17-20 '66.

Spectrophotometric and photocolorimetric determination of corticosteroids. L. I. Kovalenko. Farmatev. zhur. 20(1, e. 21) no. 4:46-52 '66.

Use of the color method for the selection of compatible blood. F. A. Traut'ko. Lab. delo no. 8:450-461 '66.

COMBINES (AGRICULTURAL MACHINERY)

Mounting the Zibba-3, 5 and ZhBN-8 reapers on the SK-4 combine. S. Perov, V. Nikonov. Tekh. v sel'khoz. 26 no. 6:62-63 Je '66.

COMBINES (AGRICULTURAL MACHINERY)—MAIN-TENANCE AND REPAIR

Prepare combines for operation efficiently and in time. S. Bisenoviy, V. Chernolovnov. Tekh. v sel'khoz. 26 no. 6:67-74 Je '66.

Repairing rollers of the KKKH-3 combine. M. Zavgorodnii. Tekh. v sel'khoz. 26 no. 6:85-87 Je '66.

COMBUSTION

Analysis of the solution of the system of kinetic equations for the combustion of carbon monoxide in the presence of small additions of hydrogen. V. V. Azatyan and others. Dokl. AN SSSR 168 no. 5:1089-1092 Je '66.

Anomalous dependence of the rate of combustion on the dispersity of components. N. N. Bakhtanov, V. V. Evdokimov, S. A. Tsyganov. Dokl. AN SSSR 168 no. 5:1121-1122 Je '66.

Calculating stalled combustion conditions in the trial behind a bluff body by the period of ignition delay. V. A. Mironenko. Izv. vys. ucheb. zav. i tekhn. 9 no. 2:68-73 '66.

Combustion of nitroglycerin gunpowder in a vacuum and at pressures below atmospheric pressure. A. A. Zenin. Fiz. gor. i vzryva no. 1:74-78 '66.

Contribution to the theory of ignition of condensed substances. A. E. Averson, V. V. Barzykin, A. G. Merzhanov. Dokl. AN SSSR 169 no. 1:158-161 J1 '66.

Effect of catalyst additives on the combustion of ammonium perchlorate and some mixtures on its basis. A. P. Glazkova. Fiz. gor. i vzryva no. 1:60-67 '66.

Temperature field at the surface of burning powder and the stability of combustion. A. A. Zenin and others. Dokl. AN SSSR 169 no. 3:619-621 J1 '66.

Theory of a homogeneous turbulent gas torch. L. A. Vukobratovich, Sh. A. Ershin, L. P. Larin. Fiz. gor. i vzryva no. 2:79-87 '66.

Theory of combustion of condensed substances. E. I. Maksimov, A. G. Merzhanov. Fiz. gor. i vzryva no. 1:47-58 '66.

Theory of the combustion of atomized hydrocarbon fuel in forced furnaces. R. S. Titul'panov. Fiz. gor. i vzryva no. 1:88-90 '66.

COMETS

Veskhvatskiy, S. K. [Physical characteristics of comets observed from 1954 to 1960] Fizicheskaya kharakteristika komet, nabludavshikhsya v 1954-1960 gg. Moskva, Nauka, 1966. 86 p.

COMMEMORATIVE POSTAGE STAMPS

 see subdivision under India

COMMERCE

Consular offices and foreign trade. IU. D. Il'in. Sov. gos. i pravo 36 no. 8:131-135 Ag '66.

Organization of contract-based business relations in industry and trade. N. Klein. Sov. iust. 30 no. 10: 6-9 My '66.

COMMERCIAL CRIMES

Definition of commercial brokership in Soviet criminal law. M. D. Lysov. Izv. vys. ucheb. zav. i prav. 10 no. 1:84-83 '66.

COMMERCIAL PRODUCTS

[New consumer goods; information bulletin] Nov. tov. i inform. blul. no. 6 '66.

COMMON MARKET COUNTRIES

 see European Economic Community countries

COMMUNICABLE DISEASES—PREVENTION

Moscow. Tsentral'nyi institut usovershenstvovaniya vrachei. [Epidemiology of prophylaxis of infectious diseases; papers] Epidemiologiya i profilaktika infektsionnykh boleznei; sbornik trudov. Moskva, 1962. 271 p. (DNLN)

Theory and practice of the reduction and liquidation of infectious diseases. V. A. Beshenin. Zhur. mikrobiol. i epid. i immun. 43 no. 7:3-6 J1 '66.

COMMUNISM

[Feel your comrade's shoulder] Chuvstvуй plecho tovarishcha. [Murmansk] Murmanskoe knizhnoe izd-vo, 1965. 45 p. (NoU)

Kobylinskiy, B. A. [Laws of the transformation of socialism into communism; an aid for students of correspondence courses] Zakonomernosti perestroyaniya sotsializma v kommunizm; v pomoshch' studentu-zachniku. Dnepropetrovsk, Dnepropetrovskskiy gos. univ., 1965. 17 p. (CSH-H)

Kozlov, I. I. [Periodization, regularities, and characteristics of the transformation of socialism into communism] Periodizatsiya, zakonomernosti i osobennosti perestroyaniya sotsializma v kommunizm; lektsii, prochnyayemye po osnovam nauchnogo kommunizma v Tadzhikskom gosudarstvennom universitete im. V. I. Lenina. Dushanbe, Tadzhikskiy gos. univ., 1964. 51 p. (CSH-H)

The Marxist-Leninist theory of the political strategy and tactics of the Communist Party. N. I. Shatagin. Vop. ist. KPSS 10 no. 8:90-100 Ag '66.

Shamota, N. Z. [By command of history] Za velikim istorii. Kyiv, vyd-vo "Dnipro," 1965. 275 p. (NoU)

COMMUNISM—BIBLIOGRAPHY

 see Bibliography—Communism

COMMUNISM—STUDY AND TEACHING

[Program for elementary political schools] Programma nachal'noi politicheskoi shkoly. Moskva, Politizdat, 1966. 15 p. (Sistema partinnoi ucheby)

[Program for schools on principles of Marxism-Leninism] Programma shkol' osnov marksizma-leninizma. Moskva, Politizdat, 1966. 61 p. (Sistema partinnoi ucheby)

COMMUNISM AND ART

Leninist compass; for the anniversary of the meeting of party leaders with the representatives of literature and art. Agitator no. 6:13-15 Mr '64.

COMMUNISM AND ISLAM

Izimbetov, T. [Islam and our time] Islam i sovremennost'. Nukus, Karakalpakskoe gos. izd-vo, 1963. 169 p.

COMMUNISM AND LITERATURE

Leninist compass; for the anniversary of the meeting of party leaders with the representatives of literature and art. Agitator no. 6:13-15 Mr '64.

Spivak, I. A. [Party character and national character in belles lettres] Pro partinnyi i narodnyi kharakter v khudozhen'oi literatury. Kyiv, Dnipro, 1964. 83 p. (Besedy pro khudozhen'iu literaturu) (NoU) (NoU)

COMMUNISM AND RELIGION

Do we tolerate religious ceremonies in the family of a Communist? Agitator no. 6:41-42 Mr '64.

Shiluka, V. G. [Everyday life and religion] Byt i religiya. Moskva, Mysl', 1966. 80 p.

COMMUNIST COUNTRIES—ECONOMIC POLICY

Minc, Bronislaw. [Political economy of socialism. Translated from the Polish] Politicheskaya ekonomiya sotsializma. 2., ispr. i dop. izd. Obshchaya red. i posleslovie A. B. Kadriyatsava. Moskva, Progress, 1965. 598 p. (CSH-H)

COMMUNIST COUNTRIES—INVENTIONS

Cooperation of socialist countries in the field of inventions. V. P. Shatrov. Vop. izobr. no. 5:3-7 My '66.

COMMUNIST EDUCATION

Epshteyn, L. E. [Economics and education] Ekonomika i vospitanie. [Chetlinbinsk] Iuzhno-Ural'skoe knizhnoe izd-vo, 1965. 98 p. (CSH-H)

[Problems of party education; from experience in organization of political training] Voprosy partinnoi ucheby; iz opyta organizatsii politicheskogo prosveshcheniya. Moskva, Politizdat, 1966. 150 p.

[Program for schools on principles of Marxism-Leninism] Programma shkol' osnov marksizma-leninizma. Moskva, Politizdat, 1966. 61 p. (Sistema partinnoi ucheby)

Sovetskaya pedagogika. [Marxism and pedagogy; V. I. Lenin's teachings on general and communist education (an aid to party studies)] Marksizm i pedagogika; uchenie V. I. Lenina ob obrazovanii i kommunicheskoy vospitanii (v pomoshch' partinnoi ucheby). Moskva, Prosveshchenie, 1966. 119 p.

COMMUNIST ETHICS

Marxist ethics on the category of conscience and the forming of its communist content. G. G. Matushin. Uch. zap. MOPI 141:169-196 '64.

Obshchestvo "Znanie" RSFSR. Leningradskoe otdeleniye. [Ethical sense of our contemporary; lectures and articles] Moral'nye chuvstva nashego sovremennika; sbornik lektsii i statei. Leningrad, 1966. 236 p.

COMMUNIST PARTIES

Kommunisticheskaya partiya Sovetskogo Soyuza.

23. s'ezd. Moscow, 1966. [Greetings to the 23d Congress of the CPSU. Translated from the Polish and other languages] Privetstviya XXIII s'ezdu KPSS. Moskva, Politizdat, 1966. 400 p.

Moscow. Akademiya obshchestvennykh nauk. [Against reformism, for unity of the workers' movement] Protiv reformizma, za edinstvo rabochego dvizheniya. Moskva, Mysl', 1966. 502 p.

The ranks of Communists grow and are becoming stronger; facts and figures. Agitator no. 6:11-12 Mr '64.

COMMUNIST PARTIES—BIBLIOGRAPHY

 see Bibliography—Communist parties

COMMUNIST PARTY

 see subdivision under Germany, West; Great Britain; Lithuania; Sudan

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Azerbaijan; Moscow)

Against antiquated cannons. A. Puzanov. Part. zhizn' no. 17:41-45 S '66.

Borlov, I. S. [The first experience in history; the Communist Party in the struggle for the building of socialism in the U.S.S.R., 1921-1937] Pervyy istorii opyt; Kommunisticheskaya partiya v borbe za stroeniye sotsializma v SSSR (1921-1937 gg.). Moskva, Politizdat, 1966. 127 p. (Molodomu kommunistu ob istorii KPSS)

[Chrestomathy on the history of the CPSU; for students attending schools on the fundamentals of Marxism-Leninism] Khrestomatia po istorii KPSS; v pomoshch' slushatel'nam shkol' osnov marksizma-leninizma. Moskva, Politizdat, 1966. 422 p. (Dla sistemy partinnoi ucheby)

Gabulin, V. K. [Tactics of revolutionary compromises and agreements; the historical experience of the CPSU] Taktika revolyutsionnykh kompromissov i soglaseniy; istoricheskiy opyt KPSS. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. I Sorlia: Istoriya, no. 2)

(MH)

[History of the Communist Party of the Soviet Union; a visual aid in four issues] Istoriya Kommunisticheskoi partii Sovetskogo Soyuza; nagladnoye posobie v chetyrokh vypuskakh. Izd. 2. Moskva, Politizdat. No. 2. [March 1917-1925] Mart 1917 g. - 1925 g. 1960. 218 p.

Increased role of Communist Party in building of communism. Part. zhizn' no. 17:20-28 S '66.

Kommunisticheskaya partiya Sovetskogo Soyuza. Tsentral'nyi komitet. Plenum. [Materials of the May 1966 Plenum of the Central Committee of the CPSU] Materialy maiskogo (1966 goda) Plenuma TsK KPSS. Moskva, Politizdat, 1966. 62 p.

The Marxist-Leninist theory of the political strategy and tactics of the Communist Party. N. I. Shatagin. Vop. ist. KPSS 10 no. 8:90-100 Ag '66.

COMMUNIST PARTY OF THE SOVIET UNION (Continued)

Moscow, Institut marksizma-leninizma. [History of the Communist Party of the Soviet Union in six volumes.] Istorika Kommunisticheskoi partii Sovetskogo Soyuza v shesti tomakh. Glav. red. P. N. Pospelov i dr. Moskva, Politizdat.

Vol. 2. [The Party of the Bolsheviks in the struggle for the overthrow of Tsarism, 1904 to February 1917.] Partiya bol'shevikov v bor'bu za sverzhenie tsarizma, 1904-fevral' 1917 goda. 1966. 774 p.

Our aid to party education. Vop. ist. KPSS 10 no. 8: 87-89 Ag '66.

Ovezov, Balysh. [September Plenum of the Central Committee of the CPSU and the outlook for the economic development of the Turkmen S.S.R.] Sentyabr'skiy Plenum TsK KPSS i perspektivy razvitiya narodnogo khozaystva Turkmen'skoi SSR. Ashkhabad, "Turkmenistan," 1966. 23 p.

Political departments of prewar state farms. I. E. Zelenin. Vop. ist. KPSS 10 no. 8: 73-82 Ag '66.

Relying upon the aid of enterprise's party committee. G. Golovachev. Fin. SSSR 40 no. 8: 62-63 Ag '66.

Reports and elections in local party organizations. Part. zhizn' no. 17: 3-7 S '66.

Sitnikova, T. A. [Party struggle for the consolidation and development of socialist society. Strengthening of defense of our country, 1937-June, 1941.] Partiya v bor'bu za uprochnenie i razvitiye sotsialisticheskogo obshchestva. Usileniye oborony strany, 1937 god-iyun' 1941 goda. Moskva, Politizdat, 1966. 37 p. (Uchebno-metodicheskie posobiya k izucheniyu istorii KPSS v shkolkakh osnov marksizma-leninizma)

These problems should be solved by the district party committee. G. Golovachev. Part. zhizn' no. 16: 52 Ag '66.

The 23d Congress. Sots. zakon. no. 5: 2-5 My '66.

Work practice of the Kolomna Heavy Machine-Tool Plant party organization in realizing the decisions of the 23d Congress of the CPSU on technological progress. E. F. Petrova. Uch. zap. MOPI 141: 249-256 '64.

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Carry out the decisions of the 23d Congress of the Communist Party of the Soviet Union! Koks i khim. no. 5: 1-3 '66.

A conference devoted to the decisions of the 23d Congress of the CPSU. L. I. Kliuchnik. Vop. ist. KPSS 10 no. 8: 143-149 Ag '66.

Delegates to the Congress say. Sov. iust. 30 no. 10: 23-25 My '66.

Direct the welding science and technology toward new objectives. Svar. proizv. no. 6: 1-2 Ju '66.

Directives of 23d Congress of CPSU and objectives of zoological research. K. V. Arnoldi. Zool. zhur. 45 no. 7: 961-967 '66.

Event of world importance; results of the 23d Congress of the CPSU. Azerb. med. zhur. 43 no. 5: 3-10 My '66.

Kommunisticheskaya partiya Sovetskogo Soyuza. 23. s'ezd. Moscow, 1966. [Greetings to the 23d Congress of the CPSU. Translated from the Polish and other languages.] Privetstviya XXIII s'ezdu KPSS. Moskva, Politizdat, 1966. 406 p.

Kommunisticheskaya partiya Sovetskogo Soyuza. 23. s'ezd. Moscow, 1966. [Resolution of the 23d Congress of the Communist Party of the Soviet Union concerning the report of the Central Committee of the CPSU. Passed unanimously on April 8, 1966. Decision of the 23d Congress of the Communist Party of the Soviet Union amending in part the Statute of the CPSU. Passed unanimously on April 8, 1966.] Rezoliutsiya XXIII s'ezda Kommunisticheskoi partii Sovetskogo Soyuza po otchetnomu dokladu Tsentral'nogo Komiteta KPSS. Priniata edinoglasno 8 aprilia 1966 goda. Postanovlenie XXIII s'ezda Kommunisticheskoi partii Sovetskogo Soyuza o chastichnykh izmeneniyakh v ustave KPSS. Priniata edinoglasno 8 aprilia 1966 goda. Moskva, Politizdat, 1966. 20 p.

Preparing for the 23d Congress of the CPSU. Razved. i okh. nebr. 32 no. 3: 57-58 '66.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

A binding rule. M. Ryl'shechikov. Part. zhizn' no. 16: 51-52 '66.

It doesn't infringe upon authority of committee. E. Bronshlein. Part. zhizn' no. 17: 47 S '66.

No, it isn't an "unusual event." Part. zhizn' no. 16: 51 Ag '66.

We shouldn't be too lenient to violators of party discipline. Kh. Bazarbaev. Part. zhizn' no. 17: 66 S '66.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Bashkiria; Kazakhstan; Leningrad; Mordovia; Tuapse; Vinnitsa Province)

El'mov, A. G., and P. V. Pozdnyakov. [Scientific foundations of party propaganda.] Nauchnye osnovy partiinoi propagandy. Moskva, Mysl', 1966. 174 p.

Exchange of experience is a useful practice. A. Levitin. Part. zhizn' no. 16: 67 Ag '66.

The Leninist style of party work. Kommunist 43 no. 12: 3-12 Ag '66.

Party news. Part. zhizn' no. 17: 79-80 S '66.

Political education should meet the demands of our time. A. Dmitriuk. Part. zhizn' no. 16: 15-22 Ag '66.

COMMUNIST STATE

T. S. A. Iampol'skaia's book "Public organizations and the development of Soviet socialist statehood." G. I. Pavlov. Izv. vys. ucheb. zav.; prav. 10 no. 1: 140-142 '66.

Unworthy objective and unworthy means; I. A. Barion's "Hegel and the Marxian theory of state." L. S. Mamut. Izv. vys. ucheb. zav.; prav. 10 no. 1: 148-151 '66.

COMMUNIST YOUTH see subdivision under Germany, East

COMMUNIST YOUTH LEAGUE

Let us intensify the work of the Komsomol. Komm. Vooruzh. Sili 47 no. 13: 2-8 Ji '66.

Procedure in admission into the V. I. Lenin All-Union Communist Youth League. Komm. Vooruzh. Sili 47 no. 13: 88-89 Ji '66.

[Romance of Komsomol youth; sketches.] Romantika komsomol'skoi iustitsy; ocherki. Minsk, Belarus', 1965. 166 p. (CST-II)

The unity and succession of generations. S. Pavlov. Kommunist 43 no. 12: 38-47 Ag '66.

COMMUNIST YOUTH LEAGUE—BIBLIOGRAPHY see Bibliography—Communist Youth League

COMMUNIST YOUTH LEAGUE—CONGRESSES

Pavlov, S. P. [Report of the Central Committee of the Communist Youth League and the tasks of the Komsomol arising from the decisions of the 23d Congress of the CPSU; report and concluding statement at the 15th Congress of the Communist Youth League, May 1966.] Otchet Tsentral'nogo Komiteta VLKSM i zadachi komsomola, vytekayushchie iz reshenii XXIII s'ezda KPSS; doklad i zaklyuchitel'noe slovo na XV s'ezdu VLKSM, mai 1966 goda. [Moskva] Molodai gvardiia, 1966. 71 p.

COMMUNISTS

(see also subdivision under Germany, West)

Irrespective of their will. Part. zhizn' no. 16: 53 Ag '66.

Labor laws and party discipline; from the editor's mail. Part. zhizn' no. 16: 48-51 Ag '66.

Rusakov, N. N. [Check your watch....] Prover'te vashi chasy.... Moskva, Politizdat, 1966. 92 p.

COMMUNITY CENTERS

In the All-Union Central Committee of Trade Unions. Sov. profsoyuzy 22 no. 14: 45 Ji '66.

COMPARATIVE AND GENERAL GRAMMAR see Grammar, Comparative and general

COMPARATIVE LITERATURE see Literature, Comparative

COMPLEX COMPOUNDS

Complex formation between sodium cryolite and hexafluoroaluminate of potassium, rubidium, and cesium. G. A. Bukhatova, V. T. Mal'tsev. Izv. AN SSSR, Neorg. mat. 2 no. 4: 721-725 Ap '66.

Possibility of the formation in aqueous solution of the halide complexes of Ni (II) with tetrahedral coordination of ligands. S. N. Andreev, V. G. Khaldin, M. V. Andreeva. Dokl. AN SSSR 169 no. 1: 95-97 Ji '66.

Relaxation processes during complexing. Part 1; Copper and americium in aqueous solutions. V. M. Vdovenko, B. B. Kolokolitsov, O. B. Stebunov. Radiokhimiya 8 no. 3: 288-290 '66.

Significance of particle charge values determined by means of swelling ionites. Part 1. E. V. Komarov. Radiokhimiya 8 no. 3: 290-295 '66.

COMPLEX COMPOUNDS—CONGRESSES

Soveshchaniye po primeneniyu fizicheskikh metodov k issledovaniyu kompleksnykh soedinenii. 2d, 1966. [Abstracts of reports of 2d Conference on Application of Physical Methods for Study of Complex Compounds.] Tezisy dokladov. Kishinov, Akad. nauk Moldavskoi SSR, 1965. 147 p.

COMPLEXIONS—PHYSIOLOGICAL EFFECT

Iron metabolism in experimental use of complexions. O. G. Arkhipova. Biol. eksp. biol. i med. 62 no. 7: 59-63 Ji '66.

COMPLICATED LABOR see Labor, Complicated

COMPLICATIONS OF PREGNANCY see Pregnancy, Complications of

COMPOST—MICROBIOLOGY

Some data of biological processes in nature and in artificial composts used in piles. S. I. A. Mikhlin, E. A. M. F. I. A. Mikhlin. Mikrobiol. prot. v. 1: 30-31 no. 2: 23-28 '66.

COMPOUND E see Cellulose

COMPRESSED WOOD see Wood, Compressed

COMPRESSORS

Reduced characteristics of the gas pipeline - compressor station system. S. N. Shintyn. Gaz. prom. 41 no. 4: 19-23 '66.

Smooth automatic pressure control in the collector of a compressor station. L. A. Shtern, B. E. Kozlovskii. Prom. energ. 21 no. 6: 32-38 Ju '66.

COMRADES COURTS

Advice for comrades' courts. Rad. pravo 29 no. 2: 31 P '66.

Educational role of comrades' courts. A. Orlin, O. S. Vak. Rad. pravo 29 no. 2: 24-26 P '66.

Work of people's judges and comrades' courts has been made more active. K. Belitskii. Sov. iust. 30 no. 10: 25-26 My '66.

COMRADES COURTS—LAWS AND LEGISLATION

Russia (1917- R.S.F.S.R.) Laws, statutes, etc. [Statute on comrades' courts. Approved by Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. of July 3, 1961, with amendments and supplements introduced by Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. of March 3, 1962, October 23, 1963, and January 16, 1965.] Polezheniya o komrad'skikh sudakh. Uverzhdeno Okazom Prezidiuma Verkhovnogo Soveta RSFSR ot 3 iulia 1961 goda s izmeneniyami i dopolneniyami, vnesennymi Okazom Prezidiuma Verkhovnogo Soveta RSFSR ot 3 marta 1962 goda ot 23 oktyabrya 1963 goda i 16 yanvarya 1965 goda. [Moskva] Profizdat, 1965. 15 p. [MICROFILM]

CONCEPTS

Chernov, V. I. [Analysis of philosophical concepts; certain problems of theory.] Analiz filozoficheskikh poimaniy; nekotoryye voprosy teorii. Moskva, Nauka, 1966. 213 p.

CONCRETE

From the diary of the plenum. Sov. muz. 30 no. 5: 1-3 My '66.

CONCRETE

Butt, J. U. M., and K. K. Kuntsev. [Longevity of autoclaved lime concrete.] Dolgovechnost' avtoklavnykh izluchnykh betonov. Moskva, Stroizdat, 1966. 214 p.

Fronkel', I. M. [Principles of heavy concrete technology.] Osnovy tekhnologii tiazhelego betona. Moskva, Stroizdat, 1966. 147 p.

Kalinovskii, A. E. [Concrete-rolling mill.] Betonoprokatnyi stan. Moskva, Znanie, 1966. 29 p. (Nauka v zhizni, nauka, tekhnika. IV seria; Tekhnika, no. 10)

Zagl', O. A., I. I. Krupko, and I. M. Vertner. [Spare concrete] Sprints-beton. Odessa, Malak, 1961. 75 p.

CONCRETE—ACOUSTIC PROPERTIES

Studying the acoustic hardness of a concrete filling. L. I. Burtakov, V. G. Koliev. Fiz. tekhn. i biol. tekhn. pol. i tekhn. no. 2: 146-150 '66.

CONCRETE—FINISHING

Moscow. Tsentral'nyi nauchno-issledovatel'skii i informatsii i tekhniko-ekonomicheskii tsentr promyshlennosti stroytel'nykh materialov. [Effect of additives of surface-active agents on finishing concrete and mortar; review.] Vliyanie dobavok povershnostno-aktivnykh veshchestv na okonchaniye betona i rastvorov. Moskva, 1965. 10 p. (Tekhnicheskaya literatura)

CONCRETE CONSTRUCTION

Mechanization for erecting concrete support in horizontal mine workings. E. I. Vinkin, K. I. Rubin. Shakht. strol. no. 7: 9-11 Ji '66.

Use of cast asphalt concrete for filling in spaces behind linings in mine shafts. L. M. Sereditskiy, E. O. Bataev. Shakht. strol. no. 7: 12-13 Ji '66.

CONCRETE CONSTRUCTION—MECHANIZATION

Lining of workings in Ural Mountain mines using pneumatic equipment units for concrete placing. M. N. Sherenberg, A. S. Prokop'ev. Shakht. strol. no. 7: 25-27 Ji '66.

CONCRETE SHIPS see Ships, Concrete

CONCRETIONS

(see also subdivision under Armenia)

Oncolites and cataglyphs of western slope of Anadol highland. V. E. Mikhlin. Uch. zap. NIIA, Ser. "Paleont. i biost." no. 7: 74-81 '65.

CONDENSATE OIL WELLS see subdivision under Bashkiria; Stavropol Territory

CONDENSATE OIL WELLS—EQUIPMENT AND SUPPLIES

Standards for field studies of corrosion processes. G. Z. Alisheenko and others. *Gaz. prom.* 11 no. 6:15-17 '66.

CONDENSERS (ELECTRICITY)

Calculating the electrostatic field in a two-layer dielectric near the edge of a plane capacitor with a guard electrode. B. F. Lastochkin, L. D. Osnovich, V. D. Makel'skii. *Izv. vys. ucheb. zav. i energ.* 9 no. 7:21-25 JI '66.

Focusing properties of the field of a cylindrical capacitor. A. S. Shapovalov, I. G. Kozlov. *Izv. vys. ucheb. zav. i energ.* 9 no. 4:836-840 '66.

Gribovskii, P. O., and T. I. Toren'eva. [Miniature ceramic condensers] *Miniaturalnye keramicheskie kondensatory.* Moskva, Energiia, 1966. 142 p.

CONDITIONED RESPONSE

Characteristics of effect of caffeine on positive and inhibitory interceptive conditioned reflexes from intensities. K. B. Shapovalova. *Zhur. vys. nerv. deiat.* 16 no. 4:629-636 JI-Ag '66.

Classification of systems of temporary connections on different levels of cortical activity. M. M. Kolt'sova. *Zhur. vys. nerv. deiat.* 16 no. 4:580-595 JI-Ag '66.

Comparative electrographic characteristics of trace conditioned reflexes in man with short and long intervals between conditioned and reinforced stimuli. V. M. Vasil'eva, V. F. Kononov. *Zhur. vys. nerv. deiat.* 16 no. 4:603-610 JI-Ag '66.

Conditioned reflex formed by stimulation of ventrolateral thalamic nucleus. G. T. Sakhlulina, G. Kh. Merzhanova, V. M. Serdiuchenko. *Zhur. vys. nerv. deiat.* 16 no. 4:729-730 JI-Ag '66.

Correlation analysis of reaction of adoption of flash rhythm in human electroencephalogram. G. N. Boldyreva. *Zhur. vys. nerv. deiat.* 16 no. 4:684-693 JI-Ag '66.

Correlation between classical and instrumental conditioned reflexes. S. Solty'ski, J. Konorski. *Vop. psikh.* 12 no. 3:33-38 My-Je '66.

Correlation between the reinforcement rate of a conditioned reflex and the strength of the stimulating process in rats with different types of nervous system. Zh. O. Kruchenko. *Psikh. zhur. [Ukr.]* 12 no. 4:525-529 JI-Ag '66.

Correlation of motor and secretory components of food conditioned reaction in ontogeny of puppies. V. A. Troshchikhin and others. *Zhur. vys. nerv. deiat.* 16 no. 4:734-736 JI-Ag '66.

Dependence of thresholds of primary responses of cortical projection zone and corpus geniculatum medialis on signal meaning of acoustic stimulus. G. L. Vnatsalan, U. G. Gerasimov. *Zhur. vys. nerv. deiat.* 16 no. 4:610-624 JI-Ag '66.

Effect of excitability level of cerebral cortex on conditioned reflexes. Z. A. Vasil'eva. *Zhur. vys. nerv. deiat.* 16 no. 4:731-733 JI-Ag '66.

Effect of extracellular polarization of single neurons of sensorimotor cerebral cortex in rabbits on their evoked activity. L. L. Voronin. *Zhur. vys. nerv. deiat.* 16 no. 4:807-817 JI-Ag '66.

Excitation level, its reflexion in electroencephalogram and correlation with behavior reactions in rabbits. Report No. 1: Changes in electroencephalogram under different physiological conditions. B. I. Kotliar, L. V. Kalluzhnyi. *Zhur. vys. nerv. deiat.* 16 no. 4:611-618 JI-Ag '66.

Functional architecture of instrumental conditioned reflexes. E. A. Aarstian. *Zhur. vys. nerv. deiat.* 16 no. 4:677-680 JI-Ag '66.

Interaction of differentiation and extinction inhibition against background of transmarginial inhibition. V. N. Andreanova. *Zhur. vys. nerv. deiat.* 16 no. 4:643-647 JI-Ag '66.

Lashley's law of "mass action." Dang Thu. *Zhur. vys. nerv. deiat.* 16 no. 4:740-741 JI-Ag '66.

Methodology of studying electrically induced conditioned search-type defense conditioned reactions. I. A. Podolskii and others. *Zhur. vys. nerv. deiat.* 16 no. 4:755-759 JI-Ag '66.

Role of anterior corpus bigeminum in course of conditioned reflexes to visual stimuli in dogs. N. S. Burakova. *Zhur. vys. nerv. deiat.* 16 no. 4:737-739 JI-Ag '66.

Role of ecological factors in formation of conditioned response tonus of cerebral cortex. B. I. Katinas. *Zhur. vys. nerv. deiat.* 16 no. 4:625-628 JI-Ag '66.

Role of training in stabilization of conditioned connections in hemispherectomized pigeons. L. A. Milutina. *Zhur. vys. nerv. deiat.* 16 no. 4:637-642 JI-Ag '66.

CONDUCT OF LIFE

Perventsev, A. A. [Let us continue our conversation on the cultured man; a writer's remarks] *Prodolzhaem razgovor o kul'turnom cheloveke; zametki pisatel'a.* [Moskva.] Mosk. rabochi, 1961. 133 p. (NNC)

CONFECTIONERY INDUSTRY

Sale of confectionery and grocery goods. N. Denisova, G. Romzovich. *Sov. potreb. koop.* 10 no. 6:40-49 Je '66.

CONFORMAL MAPPING

Conformal moduli of close doubly connected regions. Z. V. Samsonina. *Trudy Vych. tsentra AN Gruz. SSR* 6:3:151-152 '65. Some geometrical properties of functions and mappings with generalized derivatives. I. U. G. Reshetniak. *Sib. mat. zhur.* 7 no. 4:886-819 JI-Ag '66.

CONFUCIUS AND CONFUCIANISM see subdivision under China

CONGRESSES AND CONVENTIONS

[Bulletin of International scientific meetings, conferences, and congresses] *Biul. mezhdunar. nauch. s"ezd., konf. i kongr. nos. 3-4 '66.*

CONFERRAE—DISEASES AND PESTS

Coccids as pests of conifers. N. Kuznetsov. *Zashch. rast.* 11 no. 7:46-47 '66.

CONJUGATION (CHEMISTRY)

Effect of the breaking of conjugation on the properties of semiconducting polymers. A. A. Dulov and others. *Dokl. AN SSSR* 169 no. 1:111-113 JI '66.

Effect of the conjugation of bonds on the degree of stability of a primary molecular ion. V. D. Nefedov and others. *Radiofizika* 8 no. 3: 376-379 '66.

Involvement of the N=P bond in conjugation. I. N. Zhuravova, A. V. Kirsanov. *Zhur. obshch. khim.* 35 no. 7:1248-1254 JI '66.

CONJUNCTIVITIS see subdivision under Turkmenistan

CONJUNCTIVITIS, GRANULAR

(see also subdivision under Geok-Tepe, Turkmenistan; Turkmenistan)

Methodology of using 1% diatracycline ointment in treatment of trachoma. A. N. Afanas'eva. *Trudy Turk. nauch.-issl. trakh. inst.* 9:51-56 '66.

Therapeutic effect of erythromycin on corneal lesions in trachoma. G. Annaev. *Trudy Turk. nauch.-issl. trakh. inst.* 9:77-90 '66.

Treatment of persistent and complicated form of trachoma of 3d stage. A. N. Afanas'eva. *Trudy Turk. nauch.-issl. trakh. inst.* 9:73-76 '66.

Treatment of trachoma with dibromycin. E. V. Shakhova. *Trudy Turk. nauch.-issl. trakh. inst.* 9:65-72 '66.

CONJUNCTIVITIS, GRANULAR—COMPLICATIONS AND SEQUELAE

Measures to eliminate sequelae of trachoma in eyelids. A. Soltanov. *Trudy Turk. nauch.-issl. trakh. inst.* 9:100-103 '66.

CONJUNCTIVITIS, GRANULAR—PREVENTION see subdivision under Chardzhou; Mary (Turkmenistan); Turkmenistan

CONNECTIVE TISSUES

New data on the structure of the lymphatic system and the connective-tissue skeleton of the human heart. V. V. Fediat. *Shor. nauch. trud. SOGMI* no. 11:150-154 '64.

CONSCIENCE

Marxist ethics on the category of conscience and the forming of its communist content. G. G. Matlushin. *Uch. zap. MOPI* 141:160-165 '64.

CONSCIOUSNESS

Method of electrophysiological study of deep sleep and of the awakening process in man. V. I. Mianikov, L. S. Chesalov. *Vop. psikh.* 12 no. 3:174-178 My-Je '66.

CONSTRUCTION EQUIPMENT—ABSTRACTS

[Construction equipment and road machinery] *Ref. zhur.: Stroil. i dor. mash. nos. 6-7 Je-JI '66.*

CONSTRUCTION INDUSTRY

(see also subdivision under Kazakhstan; Krivoy Rog; Moscow; Nikel', Murmansk Province)

Blochewiak, Zbigniew. [Analysis of selection of optimum methods in construction with variable parameters. Translated from Polish] *Analiz wyboru optymal'nykh metodov v stroitel'stve pri peremennykh parametrokh.* [Moskva] Stroizdat, 1966. 85 p.

CONSTRUCTION INDUSTRY—ACCOUNTING

Gorodskii, A. B. [Accounting for capital investments in trade] *Uchet kapital'nykh vlozhenii v torgovle.* Moskva, Ekonomika, 1966. 140 p.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Bashkiriya; Turkmenistan; Ukraine)

Control over efficiency of using capital investments. V. Stepanov. *Fin. SSSR* 40 no. 7:57-59 JI '66.

CONSTRUCTION INDUSTRY—MANAGEMENT

Legal framework for the operation of housing construction combinations. I. U. G. Basin. *Sov. gos. i pravo* 55 no. 8:39-47 Ag '66.

Moscow, Nauchno-issledovatel'skii institut ekonomiki stroitel'stva. [Instructions for the preparation of the financial plan and production planning in the construction industry; methodological suggestions] *Ukazaniia po sostavleniiu stroitfel'nogo i operativnogo planirovaniu; metodicheskie rekomendatsii.* Moskva, Stroizdat, 1966. 126 p.

CONSTRUCTION INDUSTRY—SCHEDULING

Introducing the method of network planning and management in the construction industry. E. Shaginan. *Prom. Arm.* 9 no. 5: 20-21 My '66.

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

Efficiency measures and efficiency suggestions in capital construction. A. K. Iurchenko. *Vop. izobr. no. 5:8-10 My '66.*

CONSULS

Consular offices and foreign trade. I. U. D. Il'in. *Sov. gos. i pravo* 36 no. 6:131-135 Ag '66.

CONTAINER INDUSTRY

Zykov, E. I. [Container saws and their operation] *Tarynye pil'y i ikh okaplunat'sia.* Moskva, Lesnaia promyshlennost', 1966. 35 p.

CONTAINERS

Ways of saving metal in the production of containers. L. I. U. Pustyl'nik. *Trudy INKH* no. 42:120-130 '66.

CONTAINERS—ABSTRACTS

[Container shipments and the interaction of various types of transportation] *Ref. zhur.: Vozmozhnosti raz. vld. transp. i kont. porev. no. 6 Je '66.*

CONTINUED FRACTIONS see Fractions, Continued

CONTINUITY—CONGRESSES

International Symposium on Applications of the Theory of Functions in Continuum Mechanics, Tiflis, 1963. [Applications of the theory of functions in the mechanics of a continuum; transactions of the International Symposium in Tiflis, September 17-23, 1963] *Prilozheniia teorii funktsii v mekhanike sploshnoi sredy; trudy Mezhdunarodnogo simpoziuma v Tbilisi, 17-23 sentabريا 1963 g.* Pod red. N. I. Muskhelishvili, L. I. Sedova i G. K. Mikhailova. Moskva, Nauka, 1965. 2 v. diagra. [In Russian English and French] (NNC)

CONTINUOUS CASTING

Optimum conditions of recooling during the continuous pouring of steel. A. I. Chizhikov and others. *Stal'* 26 no. 5:506-508 Je '66.

CONTINUOUS FUNCTIONS see Functions, Continuous

CONTRACTS

Legal forms of planning the work of industrial enterprises. S. Kolomatska. *Rad. pravo* 29 no. 8:46-49 Ag '66.

Legal nature of preliminary offers. V. S. Shalestov. *Sov. gos. i pravo* 36 no. 8:52-54 Ag '66.

Organization of contract-based business relations in industry and trade. N. Klein. *Sov. ust.* 30 no. 10: 6-9 My '66.

CONTRACTS, AGRICULTURAL

Forward contractual agreements for the sale of agricultural products. I. A. Glikin. *Sov. potreb. koop.* 10 no. 6:57-59 Je '66.

CONTRACTS, MARITIME see subdivision under France

CONTROLLED FUSION

Kalinin, V. F. [Thermonuclear reactor of the future; the story of how scientists strive to master thermonuclear synthesis — an inexhaustible source of energy] *Termoladernyi Reaktor budushchego; rasskaz o tom, kak uchenyye stremitsia ovladat' termoladernym sintezom — neisчерpaemyim istochnikom energii.* Moskva, Atomizdat, 1966. 204 p.

CONTROLLERSHIP, COMMUNIST see Auditing and Inspection

CONVALESCENCE

Results of dispensary observation of patients having had acute pneumonia. N. V. El'shtein. *Sov. med.* 20 no. 5:39-41 My '66.

CONVERGENCE

Absolute and unconditional convergence. P. L. Uf'ianov. *Dokl. AN SSSR* 169 no. 3:539-550 JI '66.

Certain conditions for mutual convergence of functions. I. A. M. Likhnerov. *Dokl. AN SSSR* 169 no. 2:260-272 JI '66.

CONVERTERS

Gases formed in oxygen-blown converters during steel smelting, and their purification by burning up of carbon monoxide in the course of the gas outlet. F. E. Dubinskii, M. M. Zaitsev, I. S. Zhigalova. *Stal'* 26 no. 8: 570-571 Je '66.

CONVERTERS (Continued)

Thermal stresses of screen heating surfaces in a waste-heat boiler mounted over an oxygen-blown converter. V.V. Bondarenko, I.A.M. Karasik, S.A. Tsygankov. *Stal* 26 no.572-575 Je '66.

CONVEX SURFACES

Infinitesimal flexures of convex surfaces with the boundary condition of generalized gliding. V.T. Fomenko. *Sib. mat. zhur.* 7 no.4:939-953 Ji-Ag '66.

CONVEYING MACHINERY

DK-1M main conveyor for shops of particle boards. V.A. Zikov, B.N. Khlebosolov, I.S. Shavol'boim. *Der. prom.* 15 no.8:4-5 Ag '66.

Ivanovskii, K.E., and A.S. Obolenskii. [Reloading devices for piece freight conveyors] *Peregruzochnye ustroystva konvel'terov shchuchnykh gruzov.* Moskva, Mashinostroenie, 1966. 205 p.

Ivanovskii, K.E., ed. [Holating and conveying equipment; catalog and handbook] *Pod'emno-transportnoe oborudovanie; katalog-spravochnik.* Moskva, Nauchnotekhn. in-t informatsii po tiazhelomu energeticheskomu i transportnomu mashinostroeniiu, 1964. 689 p. [MICROFILM]

Kvitko, A.K., and A.G. Grishanov. [Drive mechanisms of mining and conveying machines] *Mekhanizmy privodov gorno-transportnykh mashin.* Moskva, Nedra, 1966. 179 p.

Mechanization of conveying operations in the cleaning shop for castings. R.D. Timofeev. *Bliz. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no.6:57-58 Je '66.

Studying the performance of mechanisms conveying the sinter to blast furnaces with a capacity of 2000m³. S.N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 19:12-18 '65.

CONVEYING MACHINERY—MECHANIZATION

Gurevich, E.S., and P.S. Tenchikov. [Mechanization of intrafactory conveying at the S.M. Kirov Thread Spinning Works] *Mekhanizatsiia vnutri-fabrichnogo transporta na Priadii'no-nitochnom kombinat'ne.* S.M. Kirova, Leningrad, 1966. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy, Proizvodstvenno-tekhnicheskii opyt, Seriya: Mekhanizatsiia i avtomatizatsiia transportnykh i skladsikh rabot v promyshlennosti)

CONVEYING MACHINERY—STANDARDS

Unification and standardization of hoisting and conveying machinery. P.I. Burmistrov. *Stand. i kach.* 30 no.3: 20-22 Mr '66.

CONVICT LABOR

Remove the inadequacy in court practice occurring in assigning to correctional labor. I.U. Mel'nikova, V. Mikhailov, V. Gus'kov. *Sov. iust.* 30 no.10:14-15 My '66.

Socialist humanism of the Soviet corrective labor law. A.V. Kureev, N.A. Struchkov. *Sov. gos. i pravo* 36 no.8:21-29 Ag '66.

CONVULSIONS

Focal convulsive state. V.A. Karlov. *Sov. med.* 29 no.7:35-38 Ji '66.

COOPERATIVE AGRICULTURE see Agriculture, Cooperative

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE HOUSING see Housing, Cooperative

COOPERATIVE MARKETING OF FARM PRODUCE see subdivision under White Russia

COOPERATIVE SOCIETIES

(see also subdivision under Czechoslovakia; Siberia) International Cooperative Society Day. *Sov. potreb. koop.* 10 no.6:50-53 Je '66.

Ways of developing the mail order trade. S. Kumukov, F. Pankratov. *Sov. potreb. koop.* 10 no.6:14-16 Je '66.

COOPERATIVE SOCIETIES—ACCOUNTING

Conference on the mechanization of accounting and computing work in the consumer cooperative system. *Bukh. uchast.* no.6:62-65 Je '66.

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION

Markelov, N.V., and E.D. Romantsov. [Operation control over the work of persons having material responsibility in consumer cooperative shops] *Operativnyi kontrol' za rabotoi material'no otvetstvennykh lits v magazinakh potrebitelskikh obshchestv.* Moskva, Ekonomika, 1966. 46 p.

COOPERATIVE SOCIETIES—EMPLOYEES

(see also subdivision under Karaganda Province) Let us give a hearty welcome to secondary-school graduates. P. Volituk. *Sov. potreb. koop.* 10 no.6: 35-37 Je '66.

COOPERATIVE SOCIETIES—MANAGEMENT see subdivision under Krapivna (Tula Province)

COORDINATES

Relationship between the isolated systems of coordinates. I.U. V. Surin. *Trudy NIGAIK* 18 no.1:15-21 '64.

COPEPODA see subdivision under Black Sea

COPPER—ELECTROMETALLURGY see subdivision under Armenia

COPPER—WELDING

Ghuzburg, S.K., M.P. Zaitsev, and I.U. V. Kholopov. [Ultrasonic spot welding of copper used in electrical engineering] *Ul'trazvukovaya tekhicheskaya svarka elektrotokhnicheskoi medi.* Leningrad, 1966. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy, Nauchno-tekhnicheskii opyt, Seriya: Progressivnoe formobrazovanie)

COPPER COMPOUNDS—ELECTRIC PROPERTIES

Some electric and photoelectric parameters of copper polyphenylacetylenide. I.M. Paperno. *Elektron.* 1 ion, prots. v ier, tel. no.2:53-57 '65.

COPPER COMPOUNDS—SPECTRA

Electron spin exchange in solutions of Cu (II) complexes with nitrogen-containing ligands. K.I. Znamenskiy, V.V. Voevodskii. *Dokl. AN SSSR* 160 no.2:365-368 Ji '66.

COPPER CRYSTALS

Diffusion of zinc in filamentary copper crystals. B.S. Bokstein and others. *Dokl. AN SSSR* 160 no.2: 320-323 Ji '66.

COPPER-IRON ALLOYS—METALLOGRAPHY

Effect of copper on the primary structure of cast iron. K.P. Bunin, N.I. Repina, A.I. Iatsenko. *Lit. protzv.* no.5:27-29 My '66.

Relaxation properties of copper-iron whisker crystals. V.S. Poshtnikov and others. *Fiz. met. i metalloved.* 21 no.5:770-773 My '66.

COPPER ISOTOPES

Differential cross sections of 13.6 Mev. deuterons elastically scattered by nickel and copper isotopes. O.F. Nemets and others. *Iad. fiz.* 3 no.6:1046-1052 Je '66.

Radiative capture of fast neutrons by the Cu⁶³ isotope. V.A. Tolstikov and others. *Atom. energ.* 21 no.1: 45-46 Ji '66.

COPPER-LEAD ALLOY PLATING

Cathodic polarization in pyrophosphate electrolytes for the deposition of copper-lead alloys. A.Z. Venbrin, P.S. Titov, S.I. Usponskii. *Zashch. met.* 2 no.3: 344-348 My-Je '66.

COPPER MINES AND MINING see subdivision under Agarak (Armenia)

CORALS, FOSSIL see subdivision under Tynmyr Peninsula

COREMAKING

Die casting of cores. A.B. Zuev, A.V. Maslukovich, B.B. Gultsev. *Lit. protzv.* no.5:5-6 My '66.

Head for straightening wire for cores. G.M. Plakhotnyl. *Tekhn. i org. protzv.* no.1:56 Ja-F '66.

Improving kneadout properties of mixtures on soluble glass. V.A. Chochulin, V.F. Frolov. *Trudy Ural. politekh. inst.* no.146:20-31 '66.

CORN (MAIZE)

(see also subdivision under Aktyubinsk Province)

Effect of soil acidity on germination of seeds of different corn varieties. E.L. Klimashovskii. *Khim. v sel'khoz.* 4 no.7:9-12 Ji '66.

Growth of basic parenchyma in the internodes of corn. I.A. Dudinskii, K.M. Sytnik. *Dokl. AN SSSR* 160 no.6: 1425-1426 Je '66.

Scarifying interrows and crop yields. V.E. Kazakov, A.V. Tikhonov. *Zemledelie* 28 no.6:39-41 My '66.

CORN (MAIZE)—DISEASES AND PESTS

Susceptibility of corn to Swedish fly. A.Koval'. *Zashch. rast.* 11 no.7:53 '66.

CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of mineral fertilizers and soil moisture on the productivity of corn. M.I.A. Tregubenko, G.L. Filippov. *Khim. v sel'khoz.* 4 no.6: 9-12 Je '66.

Photosynthesis and mineral nutrition of corn seedlings. V.S. Dovnar. *Dokl. AN SSSR* 160 no.7:492-495 Ji '66.

CORN (MAIZE)—GENETIC RESEARCH

Cytochemical study of the activity of respiratory enzymes in anthers of sterile and fertile corn lines. A.N. Pailova, N.V. Turbin, L.S. Serpukhova. *Dokl. AN SSSR* 160 no.3:677-679 Ji '66.

Genetic analysis of fertility restorers in corn variety "Risovala-645." Z.S. Nikoro, A.N. Sidorov. *Genetika* no.4:64-73 Ap '66.

Study of the selective fertilization in corn variety "Risovala-645." S.I. Maletskii, E.V. Polovinkina. *Genetika* no.4:74-79 Ap '66.

CORN (MAIZE)—HARVESTING

Modifying the SK-2,6 combine for harvesting tall-stalk corn. A. Chernyshev. *Tekhn. v sel'khoz.* 25 no.6: 84-85 Je '66.

CORN (MAIZE)—IRRIGATION

(see also subdivision under Ukraine)

Effect of the methods of irrigation on the growth of the plant and physiological and biochemical processes in corn leaves. G.A. Romant', E.V. Novitskii. *Trudy UkrNIGMI* no.63:49-60 '66.

CORN (MAIZE)—WATER REQUIREMENTS

Effect of mineral fertilizers and soil moisture on the productivity of corn. M.I.A. Tregubenko, G.L. Filippov. *Khim. v sel'khoz.* 4 no.6: 9-12 Je '66.

CORN BREEDING

Mechanism of the selective fertilization of corn. S.I. Maletskii, E.V. Polovinkina. *Izv. SO AN SSSR* no.4. Ser. biol.-med. nauk no.1:71-74 '66.

Mechanism of the susceptibility of different corn varieties to the level of root feeding. E.L. Klimashovskii. *Dokl. AN SSSR* 160 no.5:1212-1213 Je '66.

CORNEA

Absorbability of X-rays of different hardness by cornea. T.N. Grigor'yants. *Trudy Turk. nauch.-issl. trakh. inst.* 9:217-219 '66.

Some physicochemical changes in the irradiated skin of a tadpole as related to its ability to a rapid transformation into the cornea. O.P. Melekova, V.V. Pylov, I.U. P. Kozlov. *Vest. Mosk. un. Ser. 6: Biol., pochv.* 21 no.2:98-47 Mr-Ap '66.

Therapeutic effect of erythromycin on corneal lesions in trachoma. G. Amusev. *Trudy Turk. nauch.-issl. trakh. inst.* 9:77-90 '66.

CORONA (ELECTRICITY)

Impulse corona on single-strand and split wires. R.D. Bochkovskii. *Elektrichestvo* no.7:22-26 Ji '66.

CORONARY HEART DISEASE

Detection of circulatory disorders in heart by injection of India ink with gelatin into coronary vessels. A.M. Golubov, M.S. Brunshtein. *Sud.-med. eksp.* 9 no.3: 52-55 Ji-S '66.

Use of arachidin in coronary atherosclerosis. V.T. Bobkova, I.U. G. Dergacheva. *Sov. med.* 20 no.7: 60-72 Ji '66.

CORONARY VESSELS

Characteristics of the effect of atropine on collateral coronary blood circulation. L.G. Borovskikh. *Bliz. eksp. biol. i med.* 61 no.4:70-73 Ap '66.

CORONARY VESSELS—DISEASES

Effect of estrogen on the development of coronary atherosclerosis in female rabbits of different ages. I.D. Nasedova. *Bliz. eksp. biol. i med.* 61 no.4:10-23 Ap '66.

New coronarodilating agents. V.V. Zakusov. *Sov. med.* 20 no.7:3-7 Ji '66.

CORPORATE LEGAL DEPARTMENTS see subdivision under Ural Mountain region

CORPORATION LAW

Legal framework for the operation of housing construction combinations. I.U. G. Babin. *Sov. gos. i pravo* 36 no.8:39-47 Ag '66.

CORPULENCE

Clinical and physiological characteristics of adiposity in lesions of the hypothalamus. A.D. Lauta. *Fiziol. zhur. [Ukr.]* 12 no.4:518-524 Ji-Ag '66.

CORRESPONDENCE SCHOOLS AND COURSES

The work of party organizations during orientation sessions for correspondence students. *Komm. Vostok.* 511 47 no.13:89 Ji '66.

CORROSION AND ANTICORROSIVES

Industrial testing of "katapin," a corrosion inhibitor in fields of the Oil Field Administration of the Oudzhidkiz Petroleum Trust. V.F. Negreov and others. *Neft. khoz.* 44 no.6:62-66 Je '66.

Standards for field studies of corrosion processes. G.Z. Alisnenko and others. *Gaz. prom.* 11 no.6:13-17 '66.

CORROSION AND ANTICORROSIVES—BIBLIOGRAPHY

see Bibliography—Corrosion and anticorrosives

CORROSION AND ANTICORROSIVES—CONFERENCES

Conference on the corrosion protection of hydraulic structures in fresh water. M.S. Trifol', E.D. Gubayeva. *Zashch. met.* 2 no.3:375 My-Je '66.

Scientific schedule of the 3d International Congress on the Corrosion of Metals. *Zashch. met.* 2 no.3:319-390 My-Je '66.

CORRUPTION (IN POLITICS) see subdivision under Italy; United States

- CORTICOIDS** see Corticosteroids
- CORTICOSTEROIDS**
Spectrophotometric and photocolometric determination of corticosteroids. L. I. Kovalenko, Farmatsev. zhur. 20 [i.e. 21] no. 4:46-52 '66.
- CORTISOL**
Separation of L-tyrosine:2-hydroxyglutaric acid-amino-transferases from the rat liver and changes in the enzyme fraction following the introduction of hydrocortisone. F. B. Levin. Dokl. AN SSSR 168 no. 6: 1422-1424 Je '66.
- CORTISONE**
Effect of cortisone acetate on sexual glands in mice. I. B. Vysokostrovskaya and others. Dokl. AN SSSR 169 no. 3:738-740 Ji '66.
Effect of cortisone on diuresis and on the basic processes of uropoiesis in dogs with experimental pathology of the liver. T. S. Sukakvelidze, Sbor. nauch. trud. SOGMI no. 11:36-40 '64.
- CORUNDUM**
Method for continuous smelting of normal electrocorundum in large furnaces. F. I. Gorin. Prom. energ. 21 no. 8:7-8 Je '66.
Results of the microspectrographic and X-ray studies of crystalline phases, discovered in the hydrothermal synthesis of corundum. V. G. Krut'kova, V. G. Nozdryina. Trudy VNII[MS] 4 no. 2:101-109 '60.
- CORYNEBACTERIUM**
Dynamics of the changes in the population of plasmonic cells in the formation of antibodies. K. A. Lebedev, A. I. A. Fridenshtein. Zhur. mikrobiol., epid. i immun. 43 no. 8:65-91 Ag '66.
Epidemiological significance of carriers of toxigenic strains of diphtheria bacilli in an immunized collective. G. N. Ralidshtat and others. Zhur. mikrobiol., epid. i immun. 43 no. 7:121-125 Ji '66.
Use of tellurite media for the isolation of Corynebacterium diphtheriae. N. N. Kostukova, G. G. Ezhova. Lab. delo. no. 5:365-368 '66.
- CORYNEBACTERIUM—CULTURES AND CULTURE MEDIA**
Indicator medium for the isolation of diphtheria bacilli. E. A. Kuznetsov, G. P. Saliukova. Lab. delo no. 8:495-499 '66.
Method of preservation of museum cultures of diphtheria bacilli. T. S. Rozina. Lab. delo no. 8:502 '66.
Standardization of the titration method of diphtheria sera in cell cultures. Report No. 2: Substantiation of the method. N. B. Kamzolkina and others. Lab. delo no. 8: 491-494 '66.
Use of Sarcina growth stimulant for the improvement of bacteriological diagnosis of diphtheria. Report No. 1: Improvement of the quality of modified Tyndall's medium. R. A. Brudnyi, M. F. Ivanova, K. S. Karpuzid. Lab. delo no. 8:496-502 '66.
- COSMIC RAYS**
Study of variations of intensity of cosmic rays based on materials of world network of IQY stations and some problems of its comparison with phenomena of electromagnetic complex in August 1958. A. M. Chkhatia. Nek. vop. iasn. elektromag. pol. Zeml. no. 1:105-117 '65.
- COSMIC RAYS—PHYSIOLOGICAL EFFECT**
Study of the effect of cosmic radiation and other factors of space flight on lysogenic bacteria and human cells in culture. N. N. Zhukov-Verezhnikov and others. Izv. AN SSSR, Ser. biol. 31 no. 4:592-593 Ji-Ag '66.
- COSMOGONY**
'Hot' model of universe. I. A. B. Zel'dovich. Usp. fiz. nauk 89 no. 4:647-660 Ag '66.
- COSSACKS**
Kachal'skii, I. U., comp. [Cossack history in maps] Kazach'sta starina v kartakh. Tekst sostavil I. N. Konovodov. Pod red. G. L. Fromenko. New York, Izd. Kazach'sta-Amerikanskogo Narodnogo Soluza, 1965. 68 p. 21 maps.
- COST AND STANDARD OF LIVING**
(see also subdivision under Bukovina)
Increase in wages and the growing real income of Soviet industrial workers in 1951-1958. B. N. Kazantsev. Ist. SSSR 10 no. 3:10-26 My-Je '66.
- COTTON**
Some data on the dynamics of fungi-antagonists in the soil under cotton monoculture. Z. E. Bekker, E. S. Lebed'. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 184-189 '66.
- COTTON—DEFOLIATION**
Results of testing butiflores for cotton. T. S. Zakirov, I. G. Vasil'skii. Khim. v sel', khoz. 4 no. 8:46-48 Ag '66.
Transformations of BEXT-S³⁵ defoliant in cotton and kidney bean leaves. V. A. Kraft, K. S. Bokarev. Dokl. AN SSSR 169 no. 3:717-720 Ji '66.
- COTTON—FERTILIZERS AND MANURES**
(see also subdivision under Uzbekistan)
Effect of mineral fertilizers and industrial waste containing trace elements on cotton. Zh. IA. Bat'kaev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:28-31 Ji '66.
Effectiveness of the various forms of liquid nitrogen and compound fertilizers in cotton fields. N. N. Zelenin, G. I. Larovenko, I. I. Madralimov. Khim. v sel', khoz. 4 no. 8:6-11 Ag '66.
- COTTON—TRANSPORTATION**
Some transportation models in mass service systems. A. A. Vdovin, B. R. Fattidinov. Dokl. AN Tadzh. SSR 9 no. 6:44-48 '66.
- COTTON—WATER REQUIREMENTS** see subdivision under Uzbekistan
- COTTON GROWING**
(see also subdivision under Khorezm Province)
Economic effectiveness of the use of herbicides on cotton plantations. B. A. Guseinov. Khim. v sel', khoz. 4 no. 6:72-73 Je '66.
- COTTON MANUFACTURE—EQUIPMENT AND SUPPLIES**
Fikol'shteln, I. I., S. G. Geritskii, and E. S. Morzyanova. [New machinery and technology in the cotton industry; spinning, weaving, finishing] Novaya tekhnika i tekhnologiya khlopkhatno-bumazhnogo proizvodstva; prikladnoye, izucheniye, otdelka. Moskva, Legkaya Industriya, 1966. 302 p.
- COTTON WILT**
Discussions on cotton wilt control. V. G. Kocherezhkin. Izv. AN SSSR, Ser. biol. 31 no. 4:611-614 Ji-Ag '66.
- COULIBALY, SORI, 1925-**
People and events: Sori Coulibaly. Nov. vrem. 24 no. 38: 9 S '66.
- COUMANIN**
Determination of zocoumarin in hen liver and eggs. A. P. Kol. Dokl. AN SSSR 10 no. 7:503-505 Ji '66.
- COUMARONE-INDENE RESINS**
Preparation of coumarone-indene resins modified by carbazole. L. E. Karil'skii, L. P. El'mel'manova. Koks i khim. no. 5:51-54 '66.
- COUNCIL FOR MUTUAL ECONOMIC ASSISTANCE** see Mutual Economic Assistance Council
- COUNTING DEVICES**
Nonreversible and reversible decade pulse counters using dynistors and thyristors. G. I. Krut'kov. Mekh. i avtom. upr. no. 3:33-35 My-Je '66.
- COURTS**
(see also subdivision under Odessa Province; Tomopol' Province; Union Republics)
Further improvement of court work. V. Terebilov. Sots. zakon. no. 5:23-27 My '66.
Improve the work of the presidia of province and territory courts. G. P. Baturov and others. Izv. vys. ucheb. zav.; prav. 10 no. 1:133-137 '66.
Koni, A. F. [Collected works in eight volumes] Sobraniye sochineniy v os'mi tomakh. Moskva, Iuridicheskaya literatura. Vol. 1. [From the notes of a man of the judiciary] Iz zapisek sudbnogo deisteli. 1966. 505 p.
Organization of courts and procuracy in the U.S.S.R. D. Karev. Sov. iust. 30 no. 10:28-30 My '66.
[People's assessors; a textbook for students of the people's assessors' faculties in popular universities] Narodnye zasedateli; uchebnoye posobie dlia slushatelei narodnykh universitetov fakul'tetov narodnykh zasedatelei. Moskva, Znanie, 1966. 158 p. (Narodnyi universitet. Fakul'tet pravorykh znanii, nos. 5/6)
Role of people's assessors in Soviet courts. O. Pavshukova. Rad. pravo. 29 no. 8:7-11 Ag '66.
- COWS—FEEDING AND FEEDS**
(see also subdivision under White Russia)
Addition of defluorinated phosphate to rations for lactating cows in silage-grass type of feeding. A. A. Leonova. Khim. v sel', khoz. 4 no. 7:37-41 Ji '66.
Effectiveness of various methods for using trace elements in feeding milking cows. E. D. Nagorskaya, S. I. Los'makova, N. V. Belousova. Khim. v sel', khoz. 4 no. 8:66-69 Ag '66.
- COWS AS CARRIERS OF DISEASE** see subdivision under Amur Province
- COXSACKIE VIRUSES**
Determination of the type of nucleic acid virus isolated from rheumatism patients (coxsackie A13) with the help of indirect methods. E. F. Bocharov, V. E. Iavovskaya. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:90-92 '66.
- COYPUS AS CARRIERS OF DISEASE**
Carriage of Leptospira among nutria (Myocastor coypus Moll.) T. A. Tagi-Zade, L. P. Borisova. Zhur. mikrobiol., epid. i immun. 43 no. 8:148 Ag '66.
- CRACKING PROCESS**
Conversions of hydrocarbons in the presence of spent and reactivated platinum reforming catalysts. V. V. Shipilov and others. Neftekhimiya 6 no. 3:491-496 My-Je '66.
Cracking of n-hexadecane in the presence of sulfide and oxide catalysts on carriers with lowered isomerizing activity. I. U. M. Zhurov, O. I. Kuznetsov, G. M. Pan-chanov. Neftekhimiya 6 no. 3:396-400 My-Je '66.
Experience in operating thermal cracking plant equipped with atmospheric petroleum refining block. I. I. Barkov, N. R. Entus. Neftepor. i neftekhim. no. 7:3-6 '66.
Methods for investigating light cracking of petroleum residues. M. E. Levintser, I. G. Akhmetov, F. A. Chugodav. Neftepor. i neftekhim. no. 7:9-12 '66.
Promoting action of water in the cracking reaction on type-Y zeolites. Kho Shi Tkheang [Kho Shi Ch'uang], B. V. Romanovskii, K. V. Topchlova. Dokl. AN SSSR 168 no. 5:114-116 Je '66.
- CRANES, DEBRICKS, ETC.**
Moscow. Yscoluzhnyi nauchno-issledovatel'skii institut stroitel'nogo i dorozhnogo mashinostroeniya. [Tower cranes; design, construction and study (according to materials of coordination conference in 1963)] Bashen-nye kranii; konstruirovaniye, raschet i issledovaniya (po materialam koordinatsionnogo soveshchaniya 1963 g.). Pod red. I. A. Kogana. Moskva, 1965. 70 p. (Seriya 1: Stroitel'nye i dorozhnye mashiny)
- CRANES, DEBRICKS, ETC.—HYDRAULIC DRIVING**
Problems of the theory and calculation of the hydraulic mechanisms of turning. V. G. Sheldor. Izv. vys. ucheb. zav.; les. zhur. 9 no. 3:76-83 '66.
- CRANES, DEBRICKS, ETC.—TESTING**
Ukraine. Gosudarstvennyi komitet po nadzoru za bezopasnyu vedeniem rabot v promyshlennosti i gornomu nadzoru. [Methodological instructions for the engineering inspection of jib hoisting cranes] Metodychni vskazivky po tekhnichnomu obitadu vantazhopidnykh kraniv. Kyiv, Tekhnika, 1966. 26 p.
- CRANKS AND CRANKSHAFTS**
Increasing precision of sectional crankshafts of K-750M motorcycle. L. V. Felko, G. I. Lukashovich. Tekh. i org. proizv. no. 1:14 Ja-F '66.
- CRAYFISH**
Nature of the effect of the inhibitory nerve on the adductor muscle of the claw in crayfish. V. G. Ovechkin. Biol. eksp. biol. i med. 61 no. 4:10-16 Ap '66.
- CREATION (LITERARY, ARTISTIC, ETC.)**
Antonenko, V. H. [Ideology and artistic skill] Svitlohid 1 khudozhnia tvorchiist'. Kyiv, Polityvdav Ukrainy, 1936. 66 p.
Lendel', G. M. [Writer and his work; problems of the psychology of creation and of artistic skill] Pisatel' i ego rabota; voprosy psikhologii tvorchestva i khudozhestvennogo masterstva. Moskva, Sovetskii pisatel', 1966. 392 p.
Some age-related characteristics of the development of literary abilities in schoolchildren. V. P. Iagmukova. Vop. psikh. 12 no. 3:142-152 My-Je '66.
- CREDIT**
(see also subdivision under Yaroslavl)
Credit incentive. A. Kasol. Plan. khoz. 43 no. 6:88 Ag '66.
First experience prompts. R. Ribe, I. Mamonova. Den. i kred. 24 no. 7:48-53 Ji '66.
Sousaia, V. F., and G. I. Krausova. [Credit as an economic lever of industrial development] Kredit - ekonomichnyi ryuchak razvitiya promyshlovosti. Minsk, Belarus', 1966. 33 p. (U dnapamolu vyvachaluchym ekonomiku, no. 8)
- CREEP OF MATERIALS**
Buckling and collapse of square cylindrical panel compressed along generatrix under conditions of creep. G. V. Ivanov, V. N. Shepelenko. Mekh. i ver. toln. no. 3: 89-96 My-Je '66.
Creep of ceramic materials in the system MgO - MgAl₂O₃. D. N. Poluborinova and others. Izv. AN SSSR, Noorg. mat. 2 no. 6:115-118 Je '66.
Criteria of shell buckling under conditions of creep. E. I. Grigoluk, I. V. Lipovtsev. Mekh. i ver. toln. no. 3:99-106 My-Je '66.
Effect of alloying on monocrystalline silicon creep. M. G. Mityushkin, V. B. Osven'skii, O. G. Stollarov. Izv. AN SSSR, Noorg. mat. 2 no. 4:555-568 Ap '66.
Nonsteady creep under exponential law of strengthening. I. N. Rabotnov. Mekh. i ver. toln. no. 3:60-71 My-Je '66.
Two-dimensional elastoplastic problem under exponential conditions of creep. B. D. Annin. Mekh. i ver. toln. no. 3:122-123 My-Je '66.
Vibrocreep. A. M. Lokoshchenko, S. A. Sheslerikov. Mekh. i ver. toln. no. 3:141-143 My-Je '66.
- CREEP OF METALS**
Krishtal', M. A., and I. L. Mirklin. [Creep and failure of alloys] Polzuchest' i razrusheniye splavov. Moskva, Metallurgiya, 1966. 190 p.

CRIME AND CRIMINALS

- Antisocial acts, their sources and the methods of their control. *Kommunist* 43 no.12:58-68 Ag '66.
- At the forefront. *IA.Nahnoyni. Rad.pravo* 29 no.2: 82-84 F '66.
- Participation of the public in crime detection. *L. Zuef. Sots.zakon.* no.5:67 My '66.
- Petukhov, V.N. [Notebooks of a prosecutor] *Zapiski prokurora*. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1965. 121 p. (NJP)

CRIME AND CRIMINALS—RESEARCH see subdivision under Czechoslovakia

CRIME PREVENTION

- (see also subdivision under Ivano-Frankovsk Province; Kharkov Province; Simferopol'; Sumy Province; Ukraine)
- Antisocial acts, their sources and the methods of their control. *Kommunist* 43 no.12:58-68 Ag '66.
- Moscow. Vsesoiuznyi institut po izucheniiu prichin i razrabotke mer preduprezhdeniia prestupnosti. [Soviet criminology] *Sovetskaya kriminologiya*. Moskva, Iuridicheskaya literatura, 1966. 319 p.
- The part of the public in crime prevention and suppression when a criminal case is instituted. *L. B. Zuef. Izv. vys. ucheb. zav.; prav.* 10 no.1:137-139 '66.
- Party organizations and protection of public order. *V. Laputin. Part. zhizn'* no.17:14-19 S '66.

CRIME PREVENTION—LAW AND LEGISLATION

- Problems of crime prevention in legal literature. *G. A. Avanesov and others. Izv. vys. ucheb. zav.; prav.* 10 no.1:152-155 '66.

CRIMEA—ANTIQUITIES

- Solotarev laurel leaf from Crimea. *N. N. Karlov, S. K. Nakel'skii. Biol. Kom. chetv. per.* no.3:136-138 '66.

CRIMEA—CLIMATE

- Bakbov, I.I. [Climate] *Klimat*. Simferopol', Izd-vo "Krym," 1966. 64 p. (Priroda Kryma)

CRIMEA—GUIDEBOOKS

- [Crimea, guidebook: historical and geographical sketch; travels through the Crimea] *Krym, putovoditel'; istoriko-geograficheski ocherk; putesheslye po Krymu*. Simferopol', Izd-vo "Krym," 1966. 177 p.

CRIMEA—PHYSICAL GEOGRAPHY

- Ena, V.G., and M.E. Koziritski. [Crimean Peninsula; geographical description] *Krymski poluostrov; geograficheski ocherk*. Simferopol', Izd-vo "Krym," 1966. 60 p. (Priroda Kryma)

CRIMEA—VIEWS

- Bakman, T.B. [Southern coast of the Crimea] *Plivdennyi boreh Krymu*. Simferopol', Vyd-vo "Krym," 1966. 1 v. (chiefly illus.) [In 6 languages]

CRIMEA—VITICULTURE

- Katar'ian, T.G. [Grape variety and the quality of the harvest] *Sorti vinograda i kachestvo urozhai*. Simferopol', Krymizdat, 1963. 37 p. (Nauchnye dostizheniia - v proizvodstvo) (CU-A)

CRIMEAN PRESERVE

- [There where silence reigns; sketches on Crimean State Game Preserve] *Tam, gde tishina; ocherki o Krymskom gosudarstvennom zapovedno-okhotnichom khoziaistve*. Simferopol', Izd-vo "Krym," 1966. 84 p.

CRIMINAL AND DANGEROUS INSANE see Insane, Criminal and dangerous

CRIMINAL EVIDENCE see Evidence, Criminal

CRIMINAL INTENT

- (see also subdivision under Ukraine)
- Criminal responsibility and the problem of the will. *P.S. Dagel'. Sov.gos.i.pravo* 36 no.8:140-141 Ag '66.

CRIMINAL INVESTIGATION

- At the forefront. *IA.Nahnoyni. Rad.pravo* 28 no.2: 82-84 F '66.
- Criminalistics and criminal expert evidence. *S. Mitri-chev. Sots.zakon.* no.5:13-15 My '66.
- Mystery of the Vlasov Ravine. *O.Korot'skiy. Rad.pravo* 29 no.2:88-90 F '66.
- Quality of an investigator's work. *A.Volkov, S. Lender. Sots.zakon.* no.5:11-12 My '66.
- Strict observance of law is the unalterable prerequisite of investigation. *A. Leunikova. Sots.zakon.* no.5:8-8 My '66.
- 30 years on duty. *IA.N. Rad.pravo* 20 no.8:75-76 Ag '66.

CRIMINAL JUSTICE, ADMINISTRATION OF

- The part of the public in crime prevention and suppression when a criminal case is instituted. *L. B. Zuef. Izv. vys. ucheb. zav.; prav.* 10 no.1:137-139 '66.

CRIMINAL LAW

- (see also subdivision under Ukraine)
- Soviet criminal law and socialist economy. *T. A. Baril-nova. Vest. LGU* 21 no.11:84-90 '66.

CRIMINAL LIABILITY

- The civil defendant in Soviet criminal procedure. *IU. R. Adolov. Izv. vys. ucheb. zav.; prav.* 10 no.1:67-75 '66.
- Criminal responsibility and the problem of the will. *P.S. Dagel'. Sov.gos.i.pravo* 36 no.8:140-141 Ag '66.
- Problem of limited (reduced) accountability. *S. F. Semenov. Zhur. nevr. i psikh.* 68 no.8:1268-1272 '66.
- Shmelin, A.M. [Liability of public officials for illegal dismissal] *Otvetstvennost' dolzhnostnykh lits za nezakonnos uvolnenie*. Moskva, Iuridicheskaya literatura, 1966. 109 p.

CRIMINAL PROCEDURE

- (see also subdivision under Ukraine)
- The civil defendant in Soviet criminal procedure. *IU. R. Adolov. Izv. vys. ucheb. zav.; prav.* 10 no.1:67-75 '66.
- Combination and severance of criminal cases. *A. Hira-sun. Rad.pravo* 29 no.8:34-37 Ag '66.
- Let's elaborate the legal conception of the "injured person." *A. Mysichenko. Rad.pravo* 29 no.2:86-89 F '66.
- Rules of criminal procedure law and relations established under them. *P. S. El'kind. Vest. LGU* 21 no.11:103-114 '66.

CROWN'S DISEASE see Regional Ileitis

CRUSHING AND GRINDING

- Deshko, I.I., M.B. Kreimer, and G.S. Kryukhin. [Crushing of materials in the cement industry] *Isml'-chenie materialov v tsementnoi promyshlennosti*. Izd.2. Moskva, Stroizdat, 1966. 269 p.

CRUSHING MACHINERY

- A method of calculating basic technological parameters of hammer breakers. *I. G. Kapel'zon. Koks i khim.* no.5:58-61 '66.

CRUSHING MACHINERY—DESIGN AND CONSTRUCTION

- Determination of stresses in cone-type coarse crushers. *S. A. Pankratov, M. V. Egorov, R. K. Ryzhikov. Obog.* sud. 11 no.2:35-40 '66.
- Kruiukov, D.K. [Improving the crushing equipment of mining and ore dressing enterprises] *Usovershenstvovanie razmol'nogo oborudovaniia gornopromyshlennykh predpriatii*. Moskva, Nedra, 1966. 173 p.

CRYOLITE

- Complex formation between sodium cryolite and hexa-fluoroaluminates of potassium, rubidium, and cesium. *G. A. Bukhatova, V. T. Mal'nev. Izv. AN SSSR, Neorg. mat.* 2 no.4:721-725 Ap '66.

CRYSTAL LATTICES

- Certain properties of the Co-Pt alloy. *A. G. Rabin'kin. Fiz. met. i metalloved.* 21 no.6:688-692 My '66.
- Effect of dislocations in metals with a hexagonal lattice on changes in interplanar spacing. *A. I. Raichenko. Fiz. met. i metalloved.* 21 no.5:641-646 My '66.
- Frequency-dependent conductivity of an electron-phonon system. *N. M. Plakida. Fiz. met. i metalloved.* 21 no.5:657-663 My '66.
- Obtaining phases with a cubic lattice in systems tungsten-carbon and molybdenum-carbon and their X-ray examination. *A. A. Bahad-Zakhrapin, L. T. Ly-senko, L. M. Gert. Fiz. met. i metalloved.* 21 no.5: 762-765 My '66.
- Structure of the Hecon alloy following heat treatment in a magnetic field. *B. G. Livshits, I. A. Linetskii. Izv. vys. ucheb. zav.; chem. met.* 9 no.7:119-122 '66.
- Temperature dependence of the mechanical properties of the ordered Ni₃Mn solid solution. No. 1. Behavior at the yield limit. *L. E. Popov, E. V. Kozlov, N. A. Aleksandrov. Fiz. met. i metalloved.* 21 no.5:756-761 My '66.
- X-ray parameters and the stress-rupture strength of Ni-Cr-Al alloys. *I. L. Mirkin, O. D. Kanchev. Fiz. met. i metalloved.* 21 no.5:762-768 My '66.

CRYSTAL LATTICES—OSCILLATIONS

- Resonance interaction between electrons of impurity centers and lattice oscillations. *Sh. M. Kogan, R. A. Suris. Zhur. eksp. i teor. fiz.* 50 no.5:1270-1284 My '66.

CRYSTAL OPTICS

- Theory of nonlinear polarizability of crystals. *V. M. Agranovich, L. N. Ovchard, B. S. Tishchik. Zhur. eksp. i teor. fiz.* 50 no.5:1332-1342 My '66.

CRYSTAL OSCILLATORS see Oscillators, Crystal

CRYSTALLINE AND METAMORPHIC ROCKS see Rocks, Crystalline and metamorphic

CRYSTALLINE LENS

- Formation of organospecific antigens of the crystalline lens in ontogeny of mice. *V. M. Babanov. Bul. eksp. biol. i med.* 62 no.7:92-95 JI '66.

CRYSTALLIZATION

- Conditions governing the crystallization and some properties of artificial fluorophlogopite and other products of synthesis. *I. N. Ankin, K. N. Rudich. Trudy VNIIP [MS]* 4 no.2:111-131 '66.
- Crystallization front in electric arc zone melting. *I. V. Milov, D. M. Skorov, V. V. Nikishanov. Met. i metalloved. chist. met.* no.5:60-65 '66.
- Effect of the supporting structure on the concentration and sign of current carriers in Pb-Te films. *L. S. Palatnik, V. K. Sorokin. Izv. AN SSSR, Neorg. mat.* 2 no.6:997-1000 Je '66.
- Initial direction of the crystallization process when a plate is immersed into a melt. *L. I. Rubinshtein. Dokl. AN SSSR* 168 no.5:1033-1036 Je '66.
- Kinetics of the isothermal crystallization of chromium cast irons. *K. P. Bunin, V. M. Snagov'skiy, IU. N. Terent. Dop. AN URSSR* no.7:807-809 '66.
- Linear rate of slag mineral crystallization as influenced by water treatment of molten blast-furnace slags. *IU. D. Kruchinov, L. V. Ivanova. Dokl. AN SSSR* 168 no.6:1362-1363 Je '66.
- Parameters of the kinetics of growth of recrystallization centers in iron and nickel refined by zone melting. *V. G. Iepifanov, O. E. Zayemchuk, L. N. Larkov. Dop. AN URSSR* no.7:890-891 '66.
- Production of single crystals of uranium chalcogenides by the method of chemical transport reactions. *V. K. Slovianskikh and others. Izv. AN SSSR, Neorg. mat.* 2 no.6:973-975 Je '66.
- Semiconductor fine-disperse glass crystals based on arsenic and tin selenide. *E. V. Shkol'nikov, Z. U. Borisova. Izv. AN SSSR, Neorg. mat.* 2 no.4:670-674 Ap '66.
- Structure of semiconducting alloys Ag-Te - Ga-Te. *I. S. Palatnik, E. K. Belova. Izv. AN SSSR, Neorg. mat.* 2 no.6:1025-1030 Je '66.
- Trend of crystallized differentiation of basic and ultrabasic rocks in Zlotogorsk pluton (northern Kazakhstan). *E. V. Sharkov. Vest. LGU* 21 no.12:110-122 '66.

CRYSTALLOGRAPHY

- Chistakov, I. G. [Liquid crystals] *Zhukkie kristally*. Moskva, Nauka, 1966. 128 p.
- Kopitski, V. A. [Shubnikov groups; reference book on the symmetry and physical properties of crystalline structures] *Shubnikovskie grupy; spirovotnik po simmetrii i fizicheskim svoistvam kristallicheskikh struktur*. Pod red. N. V. Belova. [Moskva] Izd-vo Mosk. univ., 1966. 723 p.
- Microcrystallographic reactions to promedok. *A. V. Zlatevska. Farmats. zhur.* 20(1.e.21) no.4:92-94 '66.
- Microhardness of microcrystalline glass materials as dependent on the morphology of crystalline phases of the system spinel-silica. *N. A. Toropov, N. A. Strazhdinov. Izv. AN SSSR, Neorg. mat.* 2 no.4:733-740 Ap '66.
- New rare-earth metal compounds with zinc and their crystalline structures. *IU. B. Kuz'ma, P. I. Kripitskiy, N. S. Ugrin. Izv. AN SSSR, Neorg. mat.* 2 no.4: 630-635 Ap '66.
- Regularities in the structural properties of rare-earth compounds as related to their atomic structure. *G. A. Bandurkin, B. F. Dzhurinskii. Dokl. AN SSSR* 168 no.6: 1316-1318 Je '66.
- Structure and properties of the Nb₃(Sn₂Al₂O₂). *I. V. Teer, V. F. Shamrai. Izv. AN SSSR, Neorg. mat.* 2 no.6:1039-1040 Je '66.

CRYSTALS—DEFECTS

- Diffusion permeability of various defects in KCl and KI single crystals. *Dokl. AN SSSR* 169 no.2:324-327 JI '66.

CRYSTALS—GROWTH

- Growing and some structural studies of single crystals of selenotelluric BiFeO₃. *IU. A. Tomashpol'ski and others. Izv. AN SSSR, Neorg. mat.* 2 no.4:707-711 Ap '66.
- Growing of mica crystals. *V. G. Nozdrina, A. A. Shlens-berg. Trudy VNIIP [MS]* 4 no.2:133-139 '66.

CRYSTALS—SPECTRA

- Energy structure of zones of some compounds in the systems Zn - Sb and Cd - Sb. *V. V. Sobolev, N. N. Syrbu, S. D. Shutoy. Izv. AN SSSR, Neorg. mat.* 2 no.6:1018-1024 Je '66.
- Reflection spectra of zinc and cadmium arsenides and phosphides in the fundamental absorption region. *V. V. Sobolev, N. N. Syrbu. Izv. AN SSSR, Neorg. mat.* 2 no.6:1011-1015 Je '66.

CUBA—MERCHANT MARINE

- A Canadian court has recognized the immunity of the government-owned merchant marine. *Sbor. mat. TSNIIMF* no.156. *Mor. pravo i prak.* no.31:84-85 '66.

- CUCUMBERS—DISEASES AND PESTS** see subdivision under White Russia
- CULTIVATED PLANTS** see Plants, Cultivated
- CULTURE**
[Appeal of cultural workers of Moscow Province and the socialist pledges of cultural workers of Voronezh Province] Obrazhenie rabotnikov kul'tury Moskovskoi oblasti i sotsialisticheskie obrazatel'stva rabotnikov kul'tury Voronezhskoi oblasti. Moskva, Goskul'tprosvetizdat, 1957. 13 p.
- CULTUS, HINDU**
Religious signs of Hindu sects. IU. P. Nasenko. Nar. Az. i Afr. no. 4:200-203 '66.
- CUPOLA FURNACES**
Carburizing of cast iron in a cupola furnace. A. I. Smirnov, A. M. Vykhodets. Izv. vys. ucheb. zav.; Chern. met. 9 no. 7:157-160 '66.
Increasing the degree of overheating of cast iron and reducing its sulfur content during cupola furnace melting with the use of "thermoanthracite." G. K. Miroshnichenko. Izv. vys. ucheb. zav.; Chern. met. 0 no. 7:161-165 '66.
- CUPOLA FURNACES—EQUIPMENT AND SUPPLIES**
Determining the carbon content in the metal charge for cupola furnaces. A. I. Smirnov, A. M. Vykhodets. Lis. proizv. no. 5:38-39 My '66.
- CURARE—TOXICOLOGY**
Use of naganin for the elimination of effects of curare and paramonin. B. M. Butaev, Shor. nauch. trud, SOGMI no. 11:124-127 '64.
- CURIUM ISOTOPES**
Adsorption of curium on the surface of polished platinum. A. G. Samartseva. Radiokhimiya 6 no. 3: 267-277 '66.
- CURRENTS—DISEASES AND PESTS** see subdivision under White Russia
- CURRENCY QUESTION**
Konnik, I. I. [Money during the period of the building of a communist society] Den'gi v period stroitel'stva kommunisticheskogo obshchestva. Moskva, Finansy, 1966. 265 p.
- CURVES**
Curves defined by Liénard's differential equations. L. V. Khokhlova. Mat. sbor. 70 no. 2:231-240 Je '66.
- CUSHING'S SYNDROME**
Organic neurological symptomatology in Itsenko-Cushing disease. L. S. Soskin. Zhur. nevro. i psikh. 60 no. 8: 1145-1148 '66.
Pain syndrome in Itsenko-Cushing's disease. L. S. Soskin, A. L. Kuuz, A. I. Bukhman. Sov. med. 20 no. 7: 124-131 Ji '66.
- CUTTING MACHINES**
Automatic sheet-sorting devices for a combined cutting unit. M. G. Kogon, M. E. Paryla, K. L. Svilder, Mekh. i avtom. proizv. 20 no. 7:3-6 '66.
- CYANO GROUP** see Cyanogen group
- CYANOCOBALAMINE**
Cobamide composition of folic acid reductase resistant to aminopterin. L. I. Areshkina, L. S. Kutseva, E. P. Skorobogatova. Dokl. AN SSSR 160 no. 1:227-228 Ji '66.
Determination of the formation of the intrinsic factor in Addison-Biermer's anemia and following resection of the stomach. A. L. Koznyeva, R. L. Martyshevskaya. Lab. delo no. 8:464-466 '66.
Effect of methionine and vitamin B12 on the development of young pigs. V. K. Plotnikov, R. D. Tikhonova. Khim. v sel'. khoz. 4 no. 6: 44-45 Je '66.
- CYANOGEN GROUP**
Transfer of polar effects in conjugate systems. Frequency and integral intensity of the CN-group in the infrared spectra of substituted trans- α -cyanoalkenes. I. N. Iukhnovskii. Dokl. AN SSSR 160 no. 5:117-1120 Je '66.
- CYBERNETICS**
Kuznetsov, P. G., and G. V. Smirnov. [Cybernetics and chemistry: a manual for teachers] Kibernetika i khimiya; posobie dlia uchitel'. Moskva, Prosveshchenie, 1966. 65 p. (Novoe v nauke)
- CYBERNETICS—ABSTRACTS**
[Journal of abstracts: Cybernetics] Ref. zhur.: Kib. no. 6 Je '66.
- CYCLIC COMPOUNDS**
Mixed organotin compounds containing an allylic radical. G. P. Rubinchik, Z. M. Manukin. Zhur. ob. khim. 38 no. 7:1301-1304 Ji '66.
- CYCLODODECANE**
Oxidation of cyclododecane in the presence of acetic anhydride. K. M. Sokova and others. Neftekhimiya 6 no. 3:434-439 My-Je '66.
Photochemical nitrosation of cyclododecane by nitrosyl chloride. M. P. Lazareva, A. A. Strol'tsova, M. N. Portnova. Neftekhimiya 6 no. 3:468-471 My-Je '66.
- CYCLOIDS, MIXED (CHEMISTRY)** see Heterocyclic compounds
- CYCLOONES**
Tropical cyclones and navigation safety. E. V. Sadkoev, E. N. Padicheva. Mor. sbor. 40 no. 6: 57-65 Je '66.
- CYCLOPENTADECANE**
Catalytic conversions of cyclopentadecane in the presence of platinumized coal. E. S. Balenkova and others. Dokl. AN SSSR 160 no. 1:109-102 Ji '66.
- CYCLOPENTADIENE**
New class of cyclopentadienyl compounds of zirconium containing chelate groups. E. M. Bratsina and others. Dokl. AN SSSR 160 no. 2:335-338 Ji '66.
- CYCLOPROPENE**
3,6-Endoxocyclohexanes and 3,6-endoxocyclohexenes. Part 33: Possibility of the Wagner-Meerwein rearrangement in the homonid systems. N. S. Zefirov, A. P. Davydova, IU. K. Fur'ev. Zhur. ob. khim. 38 no. 7: 1217-1223 Ji '66.
- CYLINDERS**
Thermal stresses in a cylinder and the selection of optimal heating conditions. A. A. Shevelov. Izv. vys. ucheb. zav.; av. tekhn. 9 no. 2:44-48 '66.
- CYMENE**
Liquid phase oxidation of isopropyltoluene to hydroperoxide. A. V. Bondarenko and others. Neftekhimiya 6 no. 3:423-420 My-Je '66.
- CYMRITE**
Crystalline structure of cymrite. A. A. Kashaev. Dokl. AN SSSR 160 no. 1:201-203 Ji '66.
- CYSTEINE**
Synthesis of cysteine in skin homogenates. A. L. Paducheva, O. P. Bolugina. Biol. eksp. biol. i med. 61 no. 4:51-53 Ap '66.
- CYSTS**
Coulomic cysts of the pericardium. B. M. Makhmudbekov. Azerb. med. zhur. 43 no. 5:69-72 My '66.
Rare case of dermoid cyst of orbit. B. I. Vainshtein. Trudy Turk. nauch.-issl. trakh. inst. 8:220-222 '66.
Tumors from epidermal cysts of the skin. A. K. Apantenko, V. S. Turusov. Arkh. pat. 25 no. 5:10-16 '66.
- CYTOSINE**
Synthesis of new derivatives of alkaloid cytosine. S. B. Davidants and others. Dokl. AN Tadzh. SSR 9 no. 8:16-19 '66.
- CYTOCHROME OXIDASE**
Determination of cytochrome oxidase in leucocytes of human peripheral blood by Burstone's method using p-aminodiphenylamine combined with 4,4-diaminodiphenylamine in the reaction. V. S. Ronin. Lab. delo no. 8:458-459 '66.
Effect of penetrating radiation on the cytochrome oxidase in the small intestine of mice. A. V. Strellina. Radiobiologiya 6 no. 4:510-523 '66.
- CYTOCHROMES**
Quantitative study of cytochromes of chemosynthesizing and heterotrophic micro-organisms. L. L. Lisenkova, A. B. Losinov. Izv. AN SSSR. Ser. biol. 31 no. 4:532-538 Ji-Ag '66.
- CYTOGENETICS**
Cytogenetic characteristics of the growth cycle of Ehrlich's ascitic tumor. M. L. Efimov, V. K. Volkovitskii. TSitologiya 8 no. 3:423-427 My-Je '66.
Genetic coding of protein structure. Report No. 2. M. V. Volkenshtein. Genetika no. 4:110-122 Ap '66.
In vitro cultivation of the skin of adult persons for cytogenetic studies. IU. E. Blok. Biol. eksp. biol. i med. 62 no. 7:117-120 Ji '66.
- CYTOLOGY**
Akademiya nauk SSSR. Institut tsitologii. [Manual of cytology in two volumes] Rukovodstvo po tsitologii v dvukh tomakh. Moskva, Nauka, Vol. 2, 1966. 673 p.
Karyological, morphological and physiological study of cells of the transplantable human line J-66 and the clone lines L-08 and L-58. I. I. Georgadze. Biol. eksp. biol. i med. 62 no. 7:86-89 Ji '66.
Significance of cytological studies in evaluating the antineoplastic effect of chemotherapeutic preparations. R. P. Korjakina, V. A. Kosarev, T. A. Lukina. TSitologiya 8 no. 3:432-436 My-Je '66.
Twenty-third Congress of the CPSU and the development of cytology. TSitologiya 8 no. 3:320-330 My-Je '66.
- CYTOLOGY—TECHNIQUE**
Cytologic study of monolayer cell culture of chick embryo brain tissue. M. K. Karakulmichan, N. G. Fel'dman. Biol. eksp. biol. i med. 61 no. 4:92-94 '66.
Cytophotometric analysis of some methods of a selective RNA extraction from the nerve tissue sections. V. A. Brumberg, L. Z. Pevaner. TSitologiya 8 no. 3:437-439 My-Je '66.
Ultracentrifuge microscope. P. E. Moroz. TSitologiya 8 no. 3:440-444 My-Je '66.
- CZECH LITERATURE—HISTORY AND CRITICISM**
Makharenko, A. N. [Sources of socialist Czech literature] Istoki cheskosoi sotsialisticheskoi literatury. [Kiev] Izd-vo Kievskogo univ., 1966. 318 p.
- CZECHOSLOVAKIA—ACCOUNTING**
Reorganization of accounting in the Czechoslovak S.S.R. Jaroslav Kubisa. Bukh. uch. no. 6:52-58 Je '66.
- CZECHOSLOVAKIA—AERONAUTICS IN AGRICULTURE**
New Czechoslovak agricultural airplane. L. Smrček. Zemledelie 28 no. 5:76-79 My '66.
- CZECHOSLOVAKIA—AGRICULTURE**
Problem in Czechoslovakia's agriculture. M. Nole. Nov. vrem. 24 no. 38:10-11 S '66.
- CZECHOSLOVAKIA—AGRICULTURE, COOPERATIVE**
A village has changed its face. V. Kirsanov. Part. zhizn' no. 16:72-74 Ag '66.
- CZECHOSLOVAKIA—BIBLIOGRAPHY**
[New literature on Czechoslovakia] Nov. lit. po Chokh. nos. 6-7 '66.
- CZECHOSLOVAKIA—COMMERCE**
From trade practice in Hungary and Czechoslovakia. V. Petrov, L. Tariverdiev. Sov. tor. 30 no. 7:50-54 Ji '66.
- CZECHOSLOVAKIA—COOPERATIVE SOCIETIES**
Cooperative trade in the cities of Czechoslovakia. L. Janula. Sov. protob. koop. 10 no. 6:54-56 Je '66.
- CZECHOSLOVAKIA—CRIME AND CRIMINALS—RESEARCH**
Study of the causes of criminality in the Czechoslovak Socialist Republic. L. Suherl. Sov. gos. i pravo 36 no. 6:80-86 Ag '66.
- CZECHOSLOVAKIA—ECONOMIC CONDITIONS**
[Socialist Czechoslovakia, 1945-1963] Cheshoslovakia sotsialisticheskaya, 1945-1963. Moskva, Pravda, 1965. 301 p., illus., maps. (NIC)
- CZECHOSLOVAKIA—ECONOMIC POLICY**
Economic reform in Czechoslovakia. Zdenek Floringer. Nov. vrem. 24 no. 34:7-9 Ag '66.
- CZECHOSLOVAKIA—EPOXY RESINS**
Some data on properties of Czechoslovak epoxy resins and glued joints. S. A. Filippovich. Plast. massy no. 6: 74-77 '66.
- CZECHOSLOVAKIA—GAS INDUSTRY**
Development of the gas industry in Czechoslovakia. I. Gauer. Gaz. prom. 11 no. 6:49-51 '66.
- CZECHOSLOVAKIA—GEOGRAPHY**
Timashev, A. K. [Czechoslovak Socialist Republic; geographic sketches] Cheshoslovakatska Sotsialisticheskaya Respublika; geograficheskie ocherki. Moskva, Prosveshchenie, 1965. 102 p., illus., maps. (Biblioteka shkol'nika) (CSK-F)
- CZECHOSLOVAKIA—HUMUS**
Content and composition of humus in reclaimed soils of Czechoslovakia. I. Nemecsek, F. Pospisil. Pochvo-vedenie no. 8:45-50 Ag '66.
- CZECHOSLOVAKIA—INDUSTRIAL MANAGEMENT**
Economic reform in Czechoslovakia. Zdenek Floringer. Nov. vrem. 24 no. 34:7-9 Ag '66.
- CZECHOSLOVAKIA—LABOR LAWS AND LEGISLATION**
Procedural rules of the establishment and severance of labor relations in the labor laws of the Czechoslovak Republic. Z. Simorot. Rad. pravo 29 no. 8:60-82 Ag '66.
Recently enacted labor code of the Czechoslovak Socialist Republic. V. Prokopenko. Rad. pravo 29 no. 8:77-79 Ag '66.
- CZECHOSLOVAKIA—MILKING MACHINES**
DZO-8 machine for sheep milking. Jan Gutla. Tekh. v sel'. khoz. 28 no. 6:89 Je '66.
- CZECHOSLOVAKIA—PESTICIDES**
Foreign pesticides. P. Shin. Zashch. rast. 11 no. 7:26-29 '66.

CZECHOSLOVAKIA—QUALITY CONTROL

[Quality of production and the trade unions of Czechoslovakia. Translated from the Czech] Kachestvo produktov i profsoyuzy Chekchoslovakii. [Moskva] Profizdat, 1966. 94 p.

CZECHOSLOVAKIA—SOVIETS

History of the establishment of people's committees in the Czechoslovak Socialist Republic. M. R. Shabanov. Sov. gos. i pravo 36 no. 8:142-143 Ag '66.

CZECHOSLOVAKIA—TRADE UNIONS

[Quality of production and the trade unions of Czechoslovakia. Translated from the Czech] Kachestvo produktov i profsoyuzy Chekchoslovakii. [Moskva] Profizdat, 1966. 94 p.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945—

CAMPAIGNS

Matronov, P. S. [For Golden Prague] Za Zlatu Pragu. Moskva, Voen. izd-vo, 1965. 106 p. (NeU)

DDT (INSECTICIDE)

Study of the physiological mechanisms of DDT. L. I. Frantsevich. Fiziol. zhur. [Ukr.] 12 no. 4:503-509 Ji-Ag '66.

DDVP—TOXICOLOGY

Insecticidal properties of different forms of DDVP and the prospects for their use in disinfection. V. I. Vashkov and others. Zhur. mikrobiol., epid. i immun. 43 no. 7:24-29 Ji '66.

DAGHESTAN—ALLEVARDITE

New variety of allevardite with a single layer of molecules of inter-packet water in Daghestan. I. M. Korolev, N. M. Ivkin. Dokl. AN SSSR 169 no. 3:664-667 Ji '66.

DAGHESTAN—BORAGE

Distribution of *Solenanthus blebersteinii* D. C. in Daghestan. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 150-152 '66.

DAGHESTAN—CANNING INDUSTRY—COSTS

Uspov, M. I. [Cost of canned fruits and vegetables and ways of reducing it] Sebestoimost' plodovovoshchnykh konservov i puti ee snizheniya. Makhachkala, Daghestanskoe knizhnoe izd-vo, 1965. 41 p.

DAGHESTAN—DESCRIPTION

Atsev, Dibir, and K. Gadzhiev. [Guidebook for Daghestan] Putevoditel' po Daghestanu. Makhachkala, Daghestanskoe knizhnoe izd-vo, 1965. 183 p. (Nu)

DAGHESTAN—HISTORY

Abdullaev, Magomed. [Thinkers of the peoples of Daghestan of the 19th and early 20th centuries] Mysliteli narodov Daghestana XIX i nachala XX v. v. [Makhachkala] Daguchpedgiz, 1963. 265 p. (NJP)

DAGHESTAN—QUARTZ

Structural position of crystalliferous veins of mountainous Daghestan and the dependence of the distribution on the nature and composition of the enclosing rocks. A. A. Sharkov. Trudy VNIIP [MS] 7:113-119 '62.

DAGHESTAN—RHODODENDRON

Characteristics of rhododendron plant communities in Daghestan. P. L. L'vov. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:146-149 '66.

DAIRY INDUSTRY

Increase the production and improve the quality of meat and dairy products. S. Antonov. Sov. tovg. 39 no. 7:5-11 Ji '66.

DAIRY INSPECTION see subdivision under Omsk Province

DAIRY PLANTS see subdivision under Moscow

DAIRYING—EQUIPMENT AND SUPPLIES

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Instruction 33-56 for the testing of milk measuring pails] Instruktسيا 33-56 po poverke molokomerov. Izd. offtsiat'noe. [Moskva] Izd-vo Standartov, 1965. 10 p.

DAMAGES

Consultation. Sots. zakon. no. 5:80-84 My '66. Legal limits for courts to determine civil law claims when bringing a sentence. I. Pogrebniak. Rad. pravo 29 no. 7:45-47 Ji '66.

DAMPING (MECHANICS)

Ideal vibration-proof impact machine. B. V. Sudnitsnikov, N. N. Esin, N. A. Klushin. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:76-78 '66.

DAMS—DESIGN AND CONSTRUCTION

(see also subdivision under Nurek Hydroelectric Power Station) Classification of seismic deformations of dams built of local materials. G. S. Seleznev. Inzh. seism. no. 3/4:87-89 '66.

Methodological problems of engineering seismology as related to the organization of observations on dams built of local materials. T. G. Sagdiyev, R. S. Shuser, G. S. Seleznev. Inzh. seism. no. 3/4:82-86 '66.

DANCING

[Dances with a theme] Shizhetnye tanty. Moskva, Iskusstvo, 1966. 78 p. (Reportuar khudozhestvennoi samodeiatelnosti, no. 6)

DANILOVA, RIMMA IVANOVNA, 1906-

Rhema Ivanovna Danilova; on her 60th birthday. Arkh. pat. 28 no. 6:84-85 '66.

DANUBE RIVER—NAVIGATION

Danube Commission (1949-) [Recommendations for establishing the dimensions of the channel, hydraulic and other structures on the Danube] Rekomendatsii po ustanovleniiu gabaritov farvatera, gidrotekhnicheskikh i drugikh sooruzhenii na Dunae. Budapest, 1960. 30 p. 5 fold. charts. [In Russian and French] (MH-L)

Danube Commission (1949-) [Recommendations for the unification of regulations for veterinary and plant protection control on the Danube; enacted by the decision of the 16th session of the Danube Commission of January 16, 1958] Rekomendatsii po unifikatsii pravil veterinarnogo i fitosanitarnogo nadzora na Dunae; Pprinaty postanovleniem XVI sessii Dunaiskoi Komissii 16 yanvara 1958 g. Budapest, 1958. 42 p. [In Russian and French] (MH-L)

DANUBE VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphic division and age of Caspian sediments in lower Danube Valley; based on malacofauna data. G. I. Popov, N. A. Konstantinova. Biol. Kom. chetv. per. no. 3:120-121 '66.

DARGWA LANGUAGE—PHONETICS

Gapridzhvili, Sh. G. [Phonetics of Dargwa] Fonetika darginskogo yazyka. Tbilisi, Metsnereba, 1966. 316 p.

DARVAZSKIY RANGE—FOREST ECOLOGY

Complexity of forest vegetation of Darvazskiy Range. I. G. Chukavlin. Dokl. AN Tadzh. SSR 9 no. 6:35-38 '66.

DATA PROCESSING CENTERS

Loskutov, V. I. [Computer centers] Vychislitel'nye tsentry. Pod red. N. S. Vertilukhina. Moskva, Statistika, 1966. 286 p.

DATA TRANSMISSION SYSTEMS

Meschkovski, K. A., and N. E. Kirillov. [Coding in communications technology] Kodirovaniye v tekhnike svyazi. [Moskva] Svyaz', 1968. 323 p.

DAVIDITE

Davidite crystals from crystal-bearing pegmatites. E. S. Il'menev, V. I. Palkin. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 0: 50-57 Je '66.

DEAD—IDENTIFICATION

Methodology of osteometry of ribs in examination of skeletal remains. A. I. Turvovskiy. Sud.-med. eksp. 9 no. 3:27-29 Ji-S '66.

Sequence of actions in expertise on bone remnants for determination of species. V. I. Pashkova. Sud.-med. eksp. 9 no. 3:24-27 '66.

DEATH—CAUSES

Cause of death from burns. E. V. Bonch-Bruovich. Sov. med. 28 no. 5:28-34 My '66.

DEATH, APPARENT

Morphological changes in brain and internal organs of dogs following clinical death under conditions of hypothermia. N. P. Romanova. Arkh. pat. 28 no. 6:69-73 '66.

DEBTS, PUBLIC

A new freely negotiable bond. A. Gerasimov. Fin. SSSR 40 no. 8:94-95 Ag '66.

A new freely negotiable bond. M. Nakhmanovich. Den. i kred. 24 no. 7:44-47 Ji '66.

DECEMBRISTS

Karlov, V. G. [Decembrist G. S. Baten'kov] Dekabrist G. S. Baten'kov. Novosibirsk, Nauka, 1965. 238 p.

DEFENSE (CIVIL PROCEDURE)

Pretrial preparations and courtroom action of defense lawyers in civil procedure. S. I. Strubetskiy. Rad. pravo 29 no. 8:43-45 Ag '66.

DEFENSE (CRIMINAL PROCEDURE)

Give attention to the quality of defense lawyers' work. M. Paverman. Rad. pravo 29 no. 8:40-42 Ag '66.

Preparing the defense of a criminal case. M. Horodyskiy, A. Zimmar. Rad. pravo 29 no. 2:47-51 p '66.

DEFICIENCY DISEASES

Dynamics of changes in hepatic enzymatic systems under conditions of choline-protein insufficiency. A. A. Pokrovskiy, A. I. Shcherbakov. Arkh. pat. 28 no. 6:46-50 '66.

DEFORMATIONS (MECHANICS)

Buckling and collapse of square cylindrical panels pressed along generatrix under conditions of creep. G. V. Ivanov, V. N. Shapovalenko. Mekh. tver. tela no. 3:89-98 My-Je '66.

Certain physicochemical properties of steels of the austenite-martensite class. I. M. Shcherbakov, V. S. Postnikov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 123-125 '66.

Complete system of equations describing plastic equilibrium of thin-walled shells. V. I. Rozendina. Mekh. tver. tela no. 3:127-132 My-Je '66.

Correlation between texture of deformation and recrystallization during the rolling of a single crystal (110) of transformer steel in various directions. B. S. Avramov and others. Fiz. met. i metalloved. 21 no. 5:740-743 My '66.

Criteria of shell buckling under conditions of creep. E. I. Grigoluk, H. V. Lipovtsov. Mekh. tver. tela no. 3:99-106 My-Je '66.

Distribution of residual stresses of the necked portion of deformation of a metal in an ultrasonic field. V. P. Zverlenko, V. V. Rubanovich, M. V. Khramovskiy. Dokl. AN SSSR 16 no. 7:468-469 Ji '66.

Effect of deformation on the intercrystalline corrosion of type 18-8 stainless steel. G. K. Shirota and others. Izv. vys. ucheb. zav.; Chern. met. 9 no. 7:111-118 '66. Linearization of relations in theory of plasticity. I. A. Rerzhnol. Mekh. tver. tela no. 3:133-136 My-Je '66.

Plastic deformation of steel under complex loading with constant stress intensity. G. A. Boshchinskii, V. I. Makhaik. Mekh. tver. tela no. 3:153-155 My-Je '66.

Prandtl's problem for anisotropic plastic medium of nonuniform thickness and equilibrium of a body system under the action of distributed load. G. D. Grigoluk. Mekh. tver. tela no. 3:147-149 My-Je '66.

Pressure crack-figures in a silicon single crystal. I. D. Kirvaldize. Soob. AN Gruz. SSR 43 no. 1:51-62 Ji '66.

Some problems concerning flexure of transversely isotropic circular plates. A. A. Khachatryan. Mekh. tver. tela no. 3:109-115 My-Je '66.

Stability of a thin rectangular plate of glass reinforced plastic. G. I. Bryzgalin. Mekh. tver. tela no. 3:141-143 My-Je '66.

Straightening steel castings by the local heating method. I. S. Konstantinov, A. P. Trukhov. Izd. profsoy. no. 5:33-37 My '66.

Theorem on variable loads. V. V. Mankvitskiy. Mekh. tver. tela no. 3:144-147 My-Je '66.

DEFORMITIES

Effect of chloridine on chick embryogenesis. T. I. Zhukovskaya. Bul. eksp. biol. i med. 61 no. 4:25-27 Ap '66.

DEGLUTITION

Motility and intracranial pressure in benign disease of esophagus. B. V. Petrovskiy, E. N. Vasiluk, V. I. Chlanov. Khirurgiya 42 no. 6:45-53 Je '66.

DEGRADATION (CHEMISTRY)

Mechanical and chemical degradation of polymers in the presence of sulfuric acid. Report No. 6. Short duration of the thermal effect. N. V. Chetkov, N. M. Novikova. Izv. vys. ucheb. zav.; les. zhur. 9 no. 3:110-114 '66.

Thermal degradation rate of peroxide monomers, polymers, and copolymers. T. I. Ruzhneko, V. O. Pashko, O. O. Bolan. Dop. AN USSR no. 7:920-923 '66.

DEHYDRATION (CHEMISTRY)

Stereospecificity of the catalytic dehydration of 4-pentanol. V. Z. Shart and others. Neftekhimiya 6 no. 3:407-411 My-Je '66.

DEHYDROGENATION

Catalytic dehydrogenation of alkylaromatic compounds. A. A. Artyamonov, A. A. Balandin, G. M. Marukian. Dokl. AN SSSR 168 no. 6:1311-1314 Je '66.

Composition of n-butene oxidative dehydrogenation products obtained on a bimetal-molybdenum catalyst. A. I. Tsailingol'd and others. Neftekhimiya 6 no. 2:343-344 My-Je '66.

Oxidative dehydrogenation of isocumylene on a bimetal-molybdenum catalyst. A. A. Vartanov, M. S. Hlebov, T. G. Alkhazov. Neftekhimiya 6 no. 3:262-264 My-Je '66.

Oxidative dehydrogenation of isopentane in the presence of iodine, oxygen, and CuO and CaCO₃ mixtures. I. I. Turiaev and others. Neftekhimiya 6 no. 3:350-351 My-Je '66.

Polar effect of the extra-index substituents on the activation energy of catalytic dehydrogenation of alkylaromatic compounds. A. A. Artyamonov, A. A. Balandin, G. M. Marukian. Dokl. AN SSSR 168 no. 1:132-133 Ji '66.

- DEHYDROGENATION (Continued)**
Promoting action of rare-earth oxides on the dehydrogenating properties of alumina-chromia catalysts. Kh. M. Minachev, I. U. S. Khodakov, O. D. Sterligov. Neftekhimika 6 no. 3:391-395 My-Je '66.
- DEKABRISTS** see Decembrists
- DELCATESSEN**
Effective results of the use of semiprepared foods in the work of communal food serving enterprises. N. M. Lubina, Vestn AN BSSR, Ser. hrani. nav. no. 2:11-16 '66.
- DELIRIUM**
Changes in personality preceding the appearance of delirium in paranoid schizophrenia. L. D. Gisson. Trudy TSU 81:85-91 '65.
Confabulatory delirium in schizophrenia. V. F. Zemlich. Trudy TSU 81:92-96 '65.
Delirious jealousy ideas in elderly persons and their evaluation in forensic psychiatry. V. N. Ponomarenko. Pr. sudobnopsikh. eksp. no. 11:32-39 '66.
Psychopathology of exaggeration delirium. A. D. Smulovich. Zhur. nev. i psikh. 66 no. 8:1234-1241 '66.
- DELIVERY OF GOODS**
Naumik, V. T. [By transit or from warehouse; selection of the form of supply] Tranzitom ili s bazy; vybor formy snabzheniya. Moskva, Ekonomika, 1966. 63 p.
- DELIVERY OF GOODS (LAW)**
Decisions of arbitration agencies. Rad. pravo 26 no. 8:95 Ag '66.
Government arbitration practice. Sots. zakon. no. 5:91 My '66.
Regulating the term "fully finished product" in delivery of goods contracts. A. G. Bykov, K. S. Pomichev. Sov. gos. i pravo 36 no. 8:47-52 Ag '66.
- DELPHINIUM** see subdivision under Kazakhstan
- DEMENTIA PRAECOX** see Schizophrenia
- DENSITOMETERS**
The PVP2 pneumatic densitometer. L. N. Kuz'men'kov, V. A. Sviridenko, I. U. D. Kulikov. Mekh. i avtom. proizv. 20 no. 7:35 Ji '66.
- DEOXYRIBONUCLEASES**
Deoxyribonuclease I activity in the urine of irradiated rats following radioprotection by cystamine. N. I. Libikova. Radiobiologiya 6 no. 4:583-586 '66.
- DEPERSONALIZATION**
Depersonalization syndrome in reactive depression. A. M. Anastasitskii. Pr. sudobnopsikh. eksp. no. 11:50-66 '66.
- DEPRESSION, MENTAL**
Depersonalization syndrome in reactive depression. A. M. Anastasitskii. Pr. sudobnopsikh. eksp. no. 11:50-66 '66.
Violation of law in a reactive state. I. A. L. Landau. Pr. sudobnopsikh. eksp. no. 11:40-49 '66.
- DERMATOMYOSITIS**
Case of dermatomyositis combined with malignant tumor. L. L. Bol'shakov. Arkh. pat. 28 no. 5:77-80 '66.
- DESERT FLORA**
Temperature resistance of cell protoplasm in various organs of ephemeral plants as related to their developmental cycle. Kh. Kh. Karimov, A. I. Popova. Dokl. AN Tadzh. SSR 9 no. 6:40-43 '66.
- DESIGN, INDUSTRIAL**
At the office of industrial design. Prom. Arm. 9 no. 5: 65 My '66.
Cartographical and geographical works in industrial designing and construction in U. S. S. R.: brief historical outline. N. I. A. Kondrat'eva. Vest. LGU 21 no. 12:103-107 '66.
Perlina, E. K. [Function and shape of a manufactured object] Funktsia i forma izdeliia. Moskva, Ob-vo "Znanie" RSFSR, 1966. 30 p. (Tekhnicheskaya estetika)
Sumagin, G. F. [Theoretical fundamentals of industrial aesthetics] Teoreticheskie osnovy tekhnicheskoi estetiki. Leningrad, 1966. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Biblioteka "Tekhnicheskaya estetika")
Vukman, V. E. [Artistic design of the products of the machinery industry] Khudozhestvennoe konstruirovaniye izdelii mashinostroeniia. Leningrad, 1966. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Biblioteka "Tekhnicheskaya estetika")
- DESMANS**
Interrelationship between muskrat and desman. V. G. Skopisov. Zool. zhur. 45 no. 7:1112-1114 '66.
- DESPOTISM** see subdivision under Asia
- DESULFURATION**
Desulfuration of metals in the finishing period of converting low manganese pig iron. P. N. Perchakin, A. A. Bezdenzhnykh, V. F. Agapov. Stal' 26 no. 8:511-514 Je '66.
Removing mercaptan sulfur from kerosene. M. G. Mitrofanov and others. Nefteper. i neftekhim. no. 7:13-16 '66.
Role of time and mass exchange in the desulfuration of cast iron in blast furnaces. A. L. Galatsov, A. N. Cherniatin. Stal' 26 no. 8:466-469 Je '66.
- DETERMINATIVE MINERALOGY** see Mineralogy, Determinative
- DETONATION**
Criterion of the one-dimensional instability of a gas detonation. S. K. Aslanov. Dop. AN URSS no. 7:871-874 '66.
Investigating the stability of detonation front in a gas mixture. S. K. Aslanov. Prikl. mekh. 2 no. 7:138-141 '66.
Stability of the detonation front in liquid explosives. A. N. Dremkin, S. D. Savrov. Fiz. gor. i vzryva no. 1:36-46 '66.
Turbulence in detonation. S. S. Rybanin. Fiz. gor. i vzryva no. 1:29-35 '66.
- DEUTERIUM OXIDE**
Mutual solubility in the system $UO_2(NO_3)_2 \cdot (C_2H_5)_2O \cdot 2D_2O$ in the demixing region at 25° C. V. M. Vdovenko, E. K. Legin. Radiokhimiia 8 no. 3: 317-323 '66.
- DEUTERONS**
Problem concerning the Coulomb disintegration of a deuteron as a particular case of the problem of three bodies. V. A. Zhmalo. Izd. fiz. 3 no. 6:1022-1031 Je '66.
Reaction of deuteron splitting by 14 Mev. neutrons. I. U. I. Chornukhin, R. S. Shuvalov. Izd. fiz. 4 no. 2:272-275 Ag '66.
- DEUTERONS—SCATTERING**
Differential cross sections of 13.6 Mev. deuterons elastically scattered by nickel and copper isotopes. O. F. Nemets and others. Izd. fiz. 3 no. 6:1040-1052 Je '66.
Use of an optical model in analyzing the elastic scattering of 13.6 Mev. deuterons by medium-weight nuclei. O. F. Nemets and others. Izd. fiz. 4 no. 2:293-307 Ag '66.
- DIAGNOSIS, DIFFERENTIAL**
Formol and thymol tests in differential diagnosis of myelomatosis. S. I. Agoskin. Sov. med. 20 no. 5: 121-124 My '66.
Organic neurological symptomatology in Itsenko-Cushing disease. L. S. Soskin. Zhur. nev. i psikh. 66 no. 8: 1145-1148 '66.
- DIAGNOSIS, RADIOLOGIC**
X-ray diagnosis of subcutaneous ruptures of the spleen. V. N. Evdokimov. Sov. med. 29 no. 5:108-111 My '66.
- DIALECTICAL MATERIALISM**
Afanasev, V. G. [Fundamentals of philosophy for students attending schools on the fundamentals of Marxism-Leninism] Osnovy filosofskikh znanii dlia shkol'skoi shkol osnov marksizma-leninizma. Moskva, Mysl', 1966. 350 p.
Akademiia nauk SSSR, Institut filosofii. [Dialectics - the theory of cognition; Lenin on the elements of dialectics] Dialektika - teoriia poznaniia; Lenin ob elementakh dialektiki. Moskva, Nauka, 1966. 511 p. (NUU)
Correlation of substance and law. M. G. Khadikov. Sbor. nauch. trud. SOGMI no. 11:267-295 '64.
From S. L. Rubinshtein's unpublished manuscript "Man and the world." Vop. filos. 20 no. 7:161-170 '66.
Kuroedov, A. I. [Struggle of eminent scientists for materialism in biology] Bor'ba vydatel'skikh uchenykh za materializm v biologii. [Moskva] Izd-vo Mosk. univ., 1966. 130 p.
Lenin, V. I. [Three sources and three component parts of Marxism] Tri istochnika i tri sostavnykh chasti marksizma. Moskva, Politizdat, [1965] 14 p.
Narskii, I. S. [Urgent problems of the Marxist-Leninist theory of knowledge] Aktual'nye problemy marksistско-leninskoi teorii poznaniia. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosofiya, no. 13)
Pereturlin, A. F. [Unity of the attributes of matter] Edinstvo atributov materii. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. Seriya 2: Filosofiya, no. 4)
The problem of value and Marxist philosophy. O. G. Drobnitskii. Vop. filos. 20 no. 7:33-44 '66.
Structure of Marxist philosophy: history of the problem. L. A. Kogan. Vop. filos. 20 no. 7:80-87 '66.
Zotov, A. F. [What is philosophy?] Chto takoe filosofiya. Moskva, Politizdat, 1966. 61 p. (Metodicheskie sovety po filosofii)
- DIALECTICAL MATERIALISM, CATEGORIES OF**
Chkhavorianis, A. A. [Categories of materialistic dialectic] Kategorii materialisticheskoi dialektiki. Moskva, Politizdat, 1966. 49 p. (Metodicheskie sovety po filosofii)
- DIAMAGNETISM**
Shape and width of diamagnetic resonance lines in semiconductors and semimetals in a high magnetic field. G. E. Gurgenshviili, O. D. Chelashvili. Elektron. i ion. protv. i tver. tel. no. 2:96-102 '65.
- DIAMONDBACK MOTH**
Effect of chemical and microbiological treatment on diamondback moth. B. P. Adashkevich. Zool. zhur. 45 no. 7:1040-1046 '66.
- DIAMONDS** see subdivision under Yakutia
- DIARRHEA**
Epidemiological characteristics of adenovirus diseases with the diarrhea syndrome. V. D. Velikova-Aldakovna, V. V. Rikova, A. I. Nagina. Zhur. mikrobiol., epid. i imm. 43 no. 8:121-125 Ag '66.
- DIARRHEA—PREVENTION**
Some tactical problems in the control of diarrhea. V. N. Dodonov and others. Zhur. mikrobiol., epid. i imm. 43 no. 8:125-130 Ag '66.
- DIAZO COMPOUNDS**
Interaction of hydrazones and azines with metal salts. Report No. 7: Comparative study of diazonaphthalic and hydrazine methods of synthesis of organomercury compounds. A. S. Gudkova, M. I. Aleinikova, O. A. Reutov. Izv. AN SSSR, Ser. khim. no. 7:1165-1171 '66.
- DIAZONIUM COMPOUNDS**
Diazonium compounds. Part 23: Diazonium salts of heteropoly acids. V. V. Kozlov, V. P. Sagalovich, L. D. Ashkinadze. Zhur. ob. khim. 36 no. 7:1304-1309 Ji '66.
- DIBIOMYCIN—THERAPEUTIC USE**
Comparative evaluation of effectiveness of treatment of trachoma with dibiomycin and dibiomycin under Turkish conditions. S. K. Karanov, A. N. Afanas'eva, E. V. Shakhova. Trudy Turk. nauch.-issl. trakh. inst. 3:57-64 '66.
Treatment of trachoma with dibiomycin. E. V. Shakhova. Trudy Turk. nauch.-issl. trakh. inst. 3:65-72 '66.
- DICTATORSHIP OF THE PROLETARIAT**
Critical notes on the distortion of the nature and objectives of the socialist state and law by the ideologists of the bourgeoisie. V. Babkin, R. Barshada. Rad. pravo 29 no. 2:78-81 F '66.
- DIDEROT, DENIS, 1713-1784**
Diderot and Russia of his time. K. O. Dziedzhula. Pyl. nov. ta novit. ist. no. 2:156-173 '65.
- DIE CASTING**
Die casting of cores. A. B. Zuev, A. V. Masluchevich, B. B. Gulbaev. Izd. proizv. no. 5:5-8 My '66.
- DIE CASTING—EQUIPMENT AND SUPPLIES**
Heat conductivity of chill points. I. U. P. Poruchikov and others. Trudy Ural. politekh. inst. no. 145:57-60 '65.
Using aluminum to improve surfaces of alloyed steel casting. I. A. G. Orhanekii and others. Trudy Ural. politekh. inst. no. 145:53-55 '65.
- DIELECTRIC CONSTANT**
Use of surface waves in measuring the dielectric constant of inhomogeneous media. V. K. Polishchuk. Izv. vuz. ucheb. zav. radiofiz. 9 no. 4:661-690 '66.
- DIELECTRIC LOSS**
Dielectric properties of water adsorbed by zeolites. Report No. 3: Dielectric losses in the system NaA zeolite crystals - water of average adsorption. V. M. Fedorov and others. Izv. AN SSSR, Ser. khim. no. 7: 1129-1135 '66.
- DIELECTRICS**
Effect of stabilizers on the dielectric properties of a polypropylene film. G. A. Ermilova, M. B. Nelman. Elektrichestvo no. 7:82-83 Ji '66.
- DIELECTRICS—THERMAL PROPERTIES**
Method for determining the temperature dependence of heat conductivity of dielectric and semiconductor materials. I. A. Rozov. Inzh. fiz. zhur. 10 no. 6:723-727 '66.
- DIELECTRICS, EFFECT OF RADIATION ON**
Disintegration of transparent dielectrics under high-power laser irradiation. B. M. Ashkinadze and others. Zhur. eksp. i teor. fiz. 50 no. 5:107-1201 My '66.
- DIES (METALWORKING)**
Die for piercing holes in tubular parts. V. F. Plakov. Tekh. i org. proizv. no. 1:71-72 Ja-F '66.

DIES (METALWORKING)—RELIABILITY

Increasing reliability and durability of die plates. S. M. Khmara, A. A. Kolomoitsev, V. P. Smolnitsinov. Tekh. i org. proizv. no. 1:16-17 Ja-F '66.

DIESEL ELECTRIC POWER PLANTS

Russia (1917- R.S.F.S.R.) Upravlenie kommunal'-noi energetiki. [Regulations on the operation of diesel electric power stations] Pravila tekhnicheskoi ekspluatatsii dizel'nykh elektrostaniy. 3. izd., perer. i dop. Moskva, Stroizdat, 1966. 231 p.

DIESEL ENGINE INDUSTRY—FINANCE

see subdivision under Gorkiy

DIESEL ENGINES—FUEL SYSTEMS

Small engine with emulsion fuel injection. I. A. Berezin. Trudy Ufim. av. inst. no. 2:211-220 '66.

DIESEL ENGINES—LUBRICATION

Lubrication conditions of the junction of valve with seat in cylinder head. B. S. Eremenko, A. M. Didenko. Tekh. i org. proizv. no. 1:81-82 Ja-F '66.

DIESEL LOCOMOTIVES

Merkur'ev, G. D. [About fuel and lubrication for diesel locomotive teams] Teplovoznoi brigade o toplive i smazke. Moskva, Transport, 1966. 118 p.

Polda, A. A., and I. G. Kokoshinskiy. [Mechanical equipment of diesel locomotives] Mekhanicheskoe oborudovanie teplovozov. Moskva, Transport, 1966. 461 p. fold. diagrs. (insert)

DIFFERENTIAL DIAGNOSIS

see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Analytic structure of solution to differential equation with nonholomorphic right-hand side for the case of center or focus. A. N. Erugin. Dif. urav. 2 no. 7: 834-842 Ji '66.

Analytic structure of the solution to a differential equation with a nonholomorphic right-hand side in the vicinity of a singular point. A. N. Erugin. Dokl. AN SSSR 10 no. 7:1445-448 Ji '66.

Asymptotic behavior in Hardy-Littlewood's general problem. B. M. Bredikhin, I. U. V. Linnik. Dokl. AN SSSR 168 no. 5:975-977 Je '66.

Asymptotic formulas of approximate solutions of the Cauchy problem by difference methods. I. U. V. Rakitskiy. Prikl. mekh. 2 no. 7:130-134 '66.

Check and correction in the solution of differential equations on electronic computers. M. B. Ignatiev. Izv. AN SSSR, Tekh. kib. no. 2:94-106 Mr-Apr '66.

Construction and stability of periodic solutions to quasi-linear nonautonomous systems with two degrees of freedom when the fundamental equation contains zero roots. G. V. Plotnikova. Mekh. i ver. tela no. 3:188-194 My-Je '66.

Curves defined by Liénard's differential equations. L. V. Khokhlova. Mat. sbor. 70 no. 2:231-240 Je '66.

Estimation of generalized characteristic numbers of differential systems. I. U. S. Bogdanov. Dif. urav. 2 no. 7:827-833 Ji '66.

Generalization of Boussinesq-Galerkin's solution to apply to anisotropic bodies. Kh. B. Berkinov. Dokl. AN Tadzh. SSR 9 no. 2:3-6 '66.

Geometrical disposition and estimated expansion of solutions to perturbed systems. B. F. Bylov. Dif. urav. 2 no. 7:882-897 Ji '66.

Geometry of the Möbius band and differential equations. V. R. Petukhov. Izv. vys. ucheb. zav.; mat. no. 4:74-76 '66.

Increasing the precision of mechanical integration and solution of ordinary differential equations by means of a pulsed link-rack integrator. B. L. Vol'man. Trudy Ufim. av. inst. no. 2:93-110 '66.

Invariants of linear representations of group of rotations of plane and their application to qualitative theory of differential equations. K. S. Shirekhi. Dif. urav. 2 no. 7:908-918 Ji '66.

Milne's problem with an arbitrary indicatrix and with allowance for the azimuthal inhomogeneity of the solution. M. V. Maslennikov. Dokl. AN SSSR 168 no. 5:1001-1004 Je '66.

Numerical solution of ordinary differential equations. M. B. Gagua. Trudy Vych. tsentra AN Gruz. SSR 6:3: 2-22 '65.

One property of solutions to a parabolic equation. E. M. Landis. Dokl. AN SSSR 169 no. 2:262-265 Ji '66.

One variational problem containing small parameter. Part 2. V. D. Kopchenov. Dif. urav. 2 no. 7:967-987 Ji '66.

Periodic solutions to parabolic equations. I. U. P. Gor'kov. Dif. urav. 2 no. 7:943-952 Ji '66.

Propagation of perturbations in problems related to degenerate quasi-linear parabolic equations. M. K. Likht. Dif. urav. 2 no. 7:953-957 Ji '66.

Stability in first approximation. N. A. Izobov. Dif. urav. 2 no. 7:898-907 Ji '66.

Stability in the large of the trivial solutions of equations with deflecting argument. E. F. Sabaev. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:637-639 '66.

Stability of generalized processes. Part 1. S. T. Zavarshin. Dif. urav. 2 no. 7:872-881 Ji '66.

Stability with respect to pulse effects. E. A. Barbashin. Dif. urav. 2 no. 7:863-871 Ji '66.

Theory of canonical systems of differential equations of the positive type with periodic coefficients. P. A. Shvartsman. Dokl. AN SSSR 168 no. 5:1010-1022 Je '66.

Troshnikov, V. N. [Differential equations in modern science] Differentsial'nye uravneniya v sovremennoi nauke. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no. 11)

Zeor-manifolds of solutions to multidimensional second-order differential equations. A. I. Perov. Dokl. AN SSSR 168 no. 5:1254-1256 Je '66.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Approximate solution to one mixed boundary value problem in theory of harmonic functions. M. A. Aleksidze. Dif. urav. 2 no. 7:888-894 Ji '66.

Cauchy problem and a boundary value problem for second-order hyperbolic equations which degenerate within the region and at its boundary. O. A. Oleinik. Dokl. AN SSSR 168 no. 3:625-628 Ji '66.

Cauchy problem for a class of linear factorized differential-operator equations. M. N. Oleviskiy. Dokl. AN SSSR 168 no. 2:280-283 Ji '66.

Correctness of boundary value problems for second-order differential equation in a Banach space. Part 2. S. G. Krein, G. I. Laptev. Dif. urav. 2 no. 7:919-928 Ji '66.

Dirichlet problem for elliptic systems of differential equations of the second order which do not satisfy I. A. B. Lopatinskiy's condition. N. E. Tovmashin. Sib. mat. zhur. 7 no. 4:820-838 Ji-Ag '66.

Existence of a solution to a boundary value problem for an ordinary nonlinear differential equation of the n -th order. A. I. A. Lepin, A. D. Myshkis. Dokl. AN SSSR 168 no. 1:16-19 Ji '66.

General mixed problems for general two-dimensional hyperbolic systems. Z. O. Mel'nik. Dif. urav. 2 no. 7:958-966 Ji '66.

A generalized Dirichlet problem. H. S. Kupalo. Dop. AN URSSR no. 7:843-846 '66.

Imbedding theorems for functions defined on unbounded regions and their application to boundary value problems for a polyharmonic equation. T. S. Pigolkina. Dokl. AN SSSR 168 no. 5:1012-1014 Je '66.

Method of differences for finite and infinite regions with piecewise smooth boundaries. E. A. Volkov. Dokl. AN SSSR 168 no. 5:978-981 Je '66.

Mixed problem for a Helmholtz equation in the exterior of a cylinder. I. L. Oboznenko. Dop. AN URSSR no. 7:882-886 '66.

Mixed problem involving flexure of an eccentric ring. I. A. Zonenashvili. Soob. AN Gruz. SSR 43 no. 1:23-20 Ji '66.

Showder's estimates and the solvability of general boundary value problems for general parabolic systems with discontinuous coefficients. N. V. Zhitarashu. Dokl. AN SSSR 168 no. 3:511-514 Ji '66.

DIFFERENTIAL EQUATIONS, ELLIPTIC

Generalized solutions to a class of degenerate elliptic equations. Izv. vys. ucheb. zav.; mat. no. 4:86-95 '66.

DIFFERENTIAL EQUATIONS, LINEAR

Algebraic independence of values of E-functions satisfying linear inhomogeneous differential equations of the third order. V. A. Oleinikov. Dokl. AN SSSR 168 no. 1:82-84 Ji '66.

Almost reducible systems. B. F. Bylov. Sib. mat. zhur. 7 no. 4:751-764 Ji-Ag '66.

Stability of linear systems with a delay. V. V. Kolmanovskiy, R. Z. Khaz'minskiy. Izv. vys. ucheb. zav.; mat. no. 4:58-65 '66.

Transcendence and algebraic independence of values of E-functions satisfying linear inhomogeneous differential equations of the second order. A. B. Shidlovskiy. Dokl. AN SSSR 168 no. 1:42-45 Ji '66.

DIFFERENTIAL EQUATIONS, PARTIAL

Solution of the Cauchy problem for a quasilinear parabolic differential equation of the first order. V. S. Bilchevskiy. Izv. vys. ucheb. zav.; mat. no. 4:9-12 '66.

DIFFRACTION

Feasibility of experimental verification, of a statistical nature, of the diffractive image produced by a corpuscular stream of varying intensity. O. S. Razumovskiy. Uch. zap. MOPI 141:224-229 '64.

DIFFUSERS

Diagram for an optimal design of the shock-wave system in externally compressed axisymmetric supersonic diffusers. A. P. Pudovcev. Izv. vys. ucheb. zav.; zav. tekhn. 9 no. 2:151-153 '66.

DIFFUSION

Absorptive method of determining the coefficient of diffusion of α -radioactive elements. I. V. Pavlov, A. I. Nakonechnikov. Met. i metalloved., khim. i met. no. 5:124-129 '66.

Certain regularities in changes of D₀ and G parameters during diffusion in metals and alloys. A. I. Pavlov, Met. i metalloved., khim. i met. no. 5:124-129 '66.

Diffusion in heterogeneous solids. V. V. Gagarinskaya, T. G. Kutsonok. Poroch. met. 6 no. 7:57-61 Ji '66.

Diffusion of impurity from a point source in the surface layer of the atmosphere. D. L. Loshakov. Izv. AN SSSR, Fiz. atm. i kosmos 2 no. 6:576-583 Je '66.

Diffusion of zinc in filamentary copper crystals. D. L. Loshakov and others. Dokl. AN SSSR 168 no. 2:320-323 Ji '66.

Diffusion parameters of a turbulent jet. N. A. Zaslavskiy, A. G. Prudnikov, V. N. Sagalovich. Izv. vys. ucheb. zav.; zav. tekhn. 9 no. 2:50-57 '66.

Nickel diffusion in the solid solution and two-phase alloys of the system nickel - titanium. A. I. Zhuravskiy. Fiz. met. i metalloved., 21 no. 3:721-726 My '66.

Self diffusion in α -uranium. G. D. Fedorov, I. A. Fedorov, P. I. Zhomov. Met. i metalloved., khim. i met. no. 5:124-129 '66.

Studying the constitutional diagram UC - W and its effect on diffusion from tin carbide to tungsten. A. I. Zhuravskiy and others. Met. i metalloved., khim. i met. no. 5:124-129 '66.

Thermal diffusion interaction of tantalum with boron carbide powder in a vacuum. G. A. Merzhanov and others. Izv. AN SSSR, Neorg. met. 2 no. 4:604-607 Ap '66.

DIFFUSION COATINGS

Diffusion saturation by boron and titanium. G. V. Yezhovskiy and others. Izv. vys. ucheb. zav.; zav. tekhn. 9 no. 7:130-142 '66.

Structure of a diffusive layer of carbon-anthracene steel. L. N. Rustorguev, A. I. Kovalev, A. N. Mikhalev. Izv. vys. ucheb. zav.; zav. tekhn. 9 no. 7:143-145 '66.

Titanium diffusion in zirconium. G. B. Fedorov, P. I. Zhomov, A. A. Smirnov. Met. i metalloved., khim. i met. no. 5:124-129 '66.

DIGESTIVE ORGANS

Determination of strontium-90 absorption rate from the gastrointestinal tract. I. A. Saraputov. Radiat. fiz. i khim. 6 no. 4:552-555 '66.

DIGESTIVE ORGANS—INNERVATION

Significance of the drink stimulation and reception of alimentary canal in the regulation of the rate of absorption of hypertonic salt solutions from the stomach to the intestine. V. G. Kramol, Dokl. AN SSSR 168 no. 5:1247-1250 Je '66.

DIGESTIVE ORGANS—WORMS

Relationship between structure of digestive tract in earthworms (Lumbricidae), oligochaetes and feeding habits. L. M. Semonova. Zool. zhur. 45 no. 2:61-64 '66.

DIMANSTEIN, SEMEN MARKOVICH, 1876-1958

S. M. Dimanstein on his 80th birthday. A. A. Baitova, A. A. Guber, A. M. D'yakov. Nar. Az. i Afr. no. 4: 201-202 '66.

DINNIK, ALEKSANDR NIKOLAEVICH, 1876-1958

Conference on mechanics dedicated to the 80th birthday of Academician A. N. Dinnik. I. A. Tsurub, V. D. Kabanov. Prikl. mekh. 3 no. 7:142-143 '66.

DIODES

Ovechkin, I. U. A., A. M. Savchenko, and N. N. Binkovskiy. [Recommendations on the use of semiconductor devices] Rekomendatsii po primeneniyu poluprovodnikovyykh priborov. Moskva, DOKSAP, 1966. 74 p.

DIODES, SEMICONDUCTOR

Kotomina, L. A., and V. F. Tazhenkova. [Logarithmic diodes] Logarifmicheskiye diody. Moskva, Energiya, 1966. 87 p. (Biblioteka po avtomatike, no. 165)

DIOXANE

Optimization of the hydrolytic decomposition of 4, 4-dimethyl-1, 3-dioxane into 3-methyl-1, 3-butanediol under isobutylene pressure by statistical planning of the experiment. T. D. Baidina and others. Khim. i tekhn. 6 no. 3:463-467 My-Je '66.

DIOXOLANE

Chemistry of polyhydric alcohols. Report No. 5: Synthesis and some transformations of 2, 2-dialkyl-4-vinylhydroxymethyl-1, 3-dioxolanes. M. P. Shostakovskiy and others. Izv. AN SSSR, Ser. khim. no. 7:1252-1258 '66.

Synthesis of some 2, 2-dialkyl-4-vinylhydroxymethyl-1, 3-dioxolanes. A. S. Atavin, N. P. Vasil'ev, R. I. Baidina. Izv. AN SSSR, Ser. khim. no. 7:1258-1260 '66.

DIPEPTIDES

p-Di(2-chloroethyl)anilinothiophenylalanine (narcotizing) and its derivatives. Part II: New method of preparing some optically active cycloisothiazolidine dipeptides. E. N. Shkodnitskaya and others. Zhur. ob. khim. 30 no. 3: 1205-1208 Ji '66.

DIPHENYLAMINE

Free radicals in diphenylalkylamine oxidation reactions. G.A. Abakumov, A.A. Abramova, G.A. Razuvayev. Dokl. AN SSSR 169 no. 3:579-582 JI '66.

DIPHTHERIA

Epidemiological aspects of diphtheria carrier state. Report No. 1: Age-related structure of diphtheria carrier state. A.A. Sumarokov and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:131-135 Ag '66.

Epidemiological aspects of diphtheria carrier state. Report No. 2: Seasonal characteristics of diphtheria carrier state. G.N. Raikhshtat and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:135-139 Ag '66.

Evaluation of culture media in the diagnosis of diphtheria. R.I. Nemtseva, R.D. Morgolin. Lab. delo no. 6:494-495 '66.

Obtaining of L-form diphtheroids on artificial culture medium and in tissue culture, and the study of their biological properties. T.N. Klushina. Zhur. mikrobiol., epid. i immun. 43 no. 8:81-85 Ag '66.

DIPHTHERIA—PREVENTIVE INOCULATION

Results of diphtheria vaccinations under phthivazide protection in bone tuberculosis sanatoriums. V.A. Gol'denberg, L.D. Korsh. Zhur. mikrobiol., epid. i immun. 43 no. 8:17-20 Ag '66.

DIPHTHERIA ANTITOXIN

Rate of the accumulation of diphtheria antitoxin following revaccination. S.K. Arutunian. Zhur. mikrobiol., epid. i immun. 43 no. 7:143 JI '66.

DIPLOMATIC PRIVILEGES AND IMMUNITIES

New statute on foreign diplomatic and consular representations. O.N. Khlestov. Sov. gos. i pravo 36 no. 8:30-36 Ag '66.

DIPLOMATS see subdivision under Mali

DISABILITY EVALUATION

Characteristics of invalidism in persons with lesions of the locomotor apparatus; based on materials of the Medical Expert Commission on Work Ability. N.K. Kochurava. Ortop., travm. i protez. 27 no. 7:37-41 JI '66.

Some data on the analysis of indices of morbidity with temporary loss of working capacity. S.R. Dikhtlar. Shor. nauch. trud. SOGMI no. 11:235-241 '64.

DISINFECTION AND DISINFECTANTS

Disinfection of drinking water with hydrochloric acid. G.I. Dzilikhova. Shor. nauch. trud. SOGMI no. 11:145-149 '64.

Insecticidal properties of different forms of DDVP and the prospects for their use in disinfection. V.I. Vneshkov and others. Zhur. mikrobiol., epid. i immun. 43 no. 7:24-29 JI '66.

DISLOCATIONS IN CRYSTALS

Deformation of crystalline polybutylene. V.A. Kargin, I.IU. TSarevskaya. Vysokom. soed. 8 no. 8:1455-1458 Ag '66.

Structure of dislocations in a crystal lattice and the mechanism of their multiplication. V.Z. Bengus. Dokl. AN SSSR 169 no. 1:70-73 JI '66.

DISLOCATIONS IN METALS

Effect of dislocations in metals with a hexagonal lattice on changes in interplanar spacing. A.I. Ratchenko. Fiz. met. i metalloved. 21 no. 5:641-646 My '66.

Movement of a rectilinear stepped dislocation. A.L. Reibard, L.A. Zil'berman. Fiz. met. i metalloved. 21 no. 5:647-656 My '66.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of July 26, 1966. Rad. pravo 29 no. 8:100-112 Ag '66.

It's everybody's concern. B. Kudashkin. Part. zhizn' no. 16:63-66 Ag '66.

Party organizations and protection of public order. V. Laputin. Part. zhizn' no. 17:14-18 S '66.

DISPERSOIDS see Colloids

DESERTATIONS, ACADEMIC

V.A. Rakhlevskii and K.G. Borisov's book "Bibliographical guide to the dissertations for the degrees of candidate and doctor of law." V.N. Smirnov, L.A. Shilov. Izv. vye. uchob. zav.; prav. 10 no. 1:145-146 '66.

DISSOCIATION—THERMODYNAMICS

Equilibrium constants of reactions in ferrite dissociation. V.N. Bogoslovskii and others. Izv. AN SSSR. Neorg. mat. 2 no. 8:1058-1063 Je '66.

DISTANCES—MEASUREMENT

Area of the working zone for determining points. K.I. Efremov. Trudy NIIOAIK 18 no. 1:37-40 '64.

DISTILLATION

Optimization of a rectification process in disk columns. I.V. Antsimov, A.E. Vlasov, V.B. Pokrovskii. Avtom. i telem. no. 6:178-187 '66.

DISTILLATION, FRACTIONAL

ZrCl₄-HCl₄ system and the conditions for separating its components by rectification. L.A. Nisei'son, T.D. Sokolova, V.I. Stolarov. Dokl. AN SSSR 168 no. 6:1107-1110 Je '66.

DIURETICS AND DIURESIS

Effect of cortisone on diuresis and on the basic processes of uropoiesis in dogs with experimental pathology of the liver. T.S. Sulakvelidze. Shor. nauch. trud. SOGMI no. 11:36-40 '64.

Effect of hypophysectomy and the ligation of the internal carotid artery on water diuresis under the action of novocaine. N.N. Pronina. Shor. nauch. trud. SOGMI no. 11:41-42 '64.

Effect of novocaine on diuresis, blood pressure, and renal plasma circulation. N.N. Pronina. Shor. nauch. trud. SOGMI no. 11:41-43 '64.

Effect of novocaine on the secretion of the hormone of the hypothalamo-hypophyseal system and redistribution of fluid in the body. N.N. Pronina. Biol. eksp. kl. i med. 62 no. 7:67-70 JI '66.

Role of the liver in water diuresis. T.S. Sulakvelidze. Shor. nauch. trud. SOGMI no. 11:28-35 '64.

Water diuresis, dynamics of the basic processes of uropoiesis, and blood pressure in hypophysectomized dogs. N.N. Pronina. Shor. nauch. trud. SOGMI no. 11:21-27 '64.

DIVING

Invitation to a dreamland. R. Prozorenko and others. Voen. znani. 42 no. 8:41 Ag '66.

DIVISION—TABLES

Iakovkin, M.V. [Computation tables; textbook for teachers] Vychislitel'nye tablitsy; posobie dlia uchitel. Izd. 2., dop. Moskva, Prosveshchenie, 1966. 262 p.

DIVISION OF LABOR

(see also subdivision under Europe, Eastern)

Moskovich, V.M. [Social distribution of work under socialism] Obshchestvennoe razdelenie truda pri sotsializme. Moskva, Nauka, 1966. 126 p.

DNEPROPETROVSK—TECHNICAL LIBRARIES

We should coordinate work of libraries in technical schools. E.I. Gavrilova. Tekh. bibliot. SSSR no. 7:16-17 '65.

DNEPROPETROVSK PROVINCE—LAWYERS

Methods and means of raising the quality of advocates' performance. E. Starobynskiy. Rad. pravo 29 no. 7:53-54 JI '66.

DNEPROPETROVSK PROVINCE—POLITICS AND GOVERNMENT

Problems facing the soviets of Dnepropetrovsk Province. I. Budnyi. Rad. pravo 29 no. 8:12-15 Ag '66.

DNEPER-DONETS LOWLAND—GAS, NATURAL—GEOLOGY

Trends in and methods of oil and gas prospecting in the southern marginal zone of the Dneper-Donets Lowland. V.K. Gavrilsh. Neft. i gaz. prom. no. 2:3-5 Mr-Apr '66.

DNEPER-DONETS LOWLAND—OIL WELL DRILLING

Determining the uniformity of a stratigraphic stage according to the relative drillability of rocks. N.V. Shchukin. Neft. i gaz. prom. no. 2:23-26 Mr-Apr '66.

DNEPER-DONETS LOWLAND—OIL WELL LOGGING, ELECTRIC

Using the SP parameters for determining the position of the Pre-Jurassic discontinuity in the cross sections of wells drilled in the Dneper-Donets Lowland. V.M. Smelianskii. Neftgaz. geol. i geofiz. no. 6:35-37 '66.

DNEPER-DONETS LOWLAND—PETROLEUM GEOLOGY

Trends in and methods of oil and gas prospecting in the southern marginal zone of the Dneper-Donets Lowland. V.K. Gavrilsh. Neft. i gaz. prom. no. 2:3-5 Mr-Apr '66.

DNEPER ECONOMIC REGION—TECHNICAL LIBRARIES

Methodological committee attached to the Central Technical Library of Dneper Economic Council. L.A. Klukalo. Tekh. bibliot. SSSR no. 7:15-16 '65.

DNEPER HYDROELECTRIC POWER STATION

In the Ministry of Power Engineering and Electrification of the Ukrainian S.S.R. on the construction of the Dneper Hydroelectric Power Station No. 2. V.B. Potliakov. Energ. i elek. no. 3:53 My-Je '66.

DNEPER VALLEY—CASSITERITE

Niobium- and tantalum-bearing cassiterite from original rocks in the northwestern part of the Ukrainian Crystalline Shield. L.B. Zubkov, L.S. Galetskii. Dokl. AN SSSR 168 no. 3:660-663 JI '66.

DNEPER VALLEY—GEOCHEMISTRY

Geochemical landscape studies in the northwestern part of the Ukrainian Shield. B.F. Mtskevych, M.M. Korne'nyi, O.K. Kurylik. Dop. AN URSSR no. 7:928-930 '66.

DNEPER VALLEY—MINERALOGY

Mineralogy of the Upper Eocene sediments of the Klov portion of the Dneper Valley. S.M. Tsybmal, A.M. Denysov. Dop. AN URSSR no. 7:942-946 '66.

DNEPER VALLEY—PALEOGEOGRAPHY

Recent data on the Late Sarmatian sea in the Borysthenes Bay region. L.S. Belokrysa, V.G. Makhlaev. Dokl. AN SSSR 168 no. 5:1125-1126 Je '66.

DNEPER VALLEY—PETROLOGY

Recent data on the Late Sarmatian sea in the Borysthenes Bay region. L.S. Belokrysa, V.G. Makhlaev. Dokl. AN SSSR 168 no. 5:1125-1128 Je '66.

DNEPER VALLEY—PINE-SHOOT MOTH

Summer pine-shoot moth *Evetrila duplana* on the lower Dneper Valley sands. I. Tarasenko. Zashch. rast. 11 no. 7:46 '66.

DNEPER VALLEY—ROCKS, IGNEOUS

New data on the geological structure of the southwestern part of the Korosten'sk pluton. V.T. Klocchkov, L.A. Prikazhnikov. Trudy VNIP [MS] 7:121-127 '62.

DNESTER VALLEY—EXCAVATIONS (ARCHAEOLOGY)

Field studies of the Podolian Archaeological Expedition in 1964-1965. I.S. Vynokur. Ukr. ist. zhur. 10 no. 6:150-151 Je '66.

DNESTER VALLEY—FLUORINE

Fluorine in the waters of sediments in the Dniester Valley. I.U. Goncharov, E.P. Gureva. Dokl. AN SSSR 168 no. 5:1166-1169 Je '66.

DNESTER VALLEY—STONE AGE

New Paleolithic Silinka site in middle Dniester Valley. N.K. Anisimkin. Biol. Kom. chetv. per. no. 31:131-136 '66.

Dobroklonskii, Sergei Viktorovich, 1906-Sergei Viktorovich Dobroklonskii on his 60th birthday. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 6:661-678 Je '66.

DODDER see subdivision under Kazakhstan

DODECYL MERCAPTAN, EFFECT OF RADIATION ON

Radicals of dodecyl mercaptan. M.V. Panchyldze, G.G. Chirakadze, E.N. Nenobashvili. Soob. AN Gruz. SSR 43 no. 1:75-81 JI '66.

DOGS—TRAINING see subdivision under Estonia

DOLINA OIL FIELD—OIL FIELD FLOODING

Investigating intervals in a producing layer in the Dolina oil field. M.M. Mat'sko. Neft. i gaz. prom. no. 2:35-38 Mr-Apr '66.

Pulse treatment of layers as a method of controlling water-oil contact. V.A. Grin' and others. Neftprom. delo no. 6:19-21 '66.

DOLINA OIL FIELD—PETROLEUM PRODUCTION

Improving the development of the Manyava pool in the Dolina oil field. V.P. Vesilechko, E.S. Marukhalak. Neft. i gaz. prom. no. 2:27-29 Mr-Apr '66.

Rehabilitation of wells. V.A. Grin', I.U. D. Kachmar. Neftprom. delo no. 5:12-14 '66.

DOMAIN STRUCTURE

Forming of a domain structure in silicon from crystals. I.U. N. Dragoshanskii, I.A. Shur. Fiz. met. i metalloved. 21 no. 5:678-687 My '66.

Irreversible processes in films with important changes in the direction of the easy magnetization axis. G.M. Rodichev, V.N. Prosnitsov, P.D. Kim. Fiz. met. i metalloved. 21 no. 5:791-793 My '66.

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DOMESTIC RELATIONS see subdivision under Germany, East

DON VALLEY—RECLAMATION OF LAND

Use of aerial photographic materials in soil improvement studies in floodland and delta of Don River. R.N. Smirnov, N.N. Konovalov. Pochvovedenie no. 5:23-28 Ag '66.

DONELAITIS, KRISTIJONAS, 1714-1780—LANGUAGE

Kabala, Jonas. [Vocabulary of Kristijonas Donelaitis' works] Kristijonas Donelaitis' raštu tesaika. Vilnius, Mintis, 1964. 278 p. [in Lithuanian]

DONETS BASIN—BENTONITE

Bentonites of the Donets Basin as catalysts and adsorbents in petroleum refining. I.U. N. Bragin, A.L. Lukatssevar. Neft. i gaz. prom. no. 2:46-47 Mr-Apr '66.

DONETS BASIN—BORING

Efficiency of drilling schists in the Donets Basin using diamond bits. I. N. Pakhomov. Razved. i okh. nedr. 32 no. 3:25-28 '66.

DONETS BASIN—COAL MINES AND MINING

Lisachenko, I. V., and Iu. F. Savenko. [Intensification of mining and stoping operations] Intensifikatsiya prokhodetskikh i ochnykh rabot. Moskva, Nedra, 1966. 173 p.

DONETS BASIN—COAL MINING MACHINERY

Progressive technology and machinery for coal mine shaft sinking. I. A. Poluektov and others. Shakht. stroit. no. 7:1-4 JI '66.

DONETS BASIN—ELECTIONS

Role of the party organizations of the Donets Basin in preparing for and carrying out elections to the Soviets in 1953-1955. M. M. Mezhenin. Ukr. ist. zhur. 10 no. 6:84-86 Je '66.

DONETS BASIN—NORTHERN DONETS CANAL see Northern Donets - Donets Basin Canal

DONETSK—HISTORICAL RESEARCH

A conference of the historians of Donetsk University. O. I. Pryimenko. Ukr. ist. zhur. 10 no. 6:147 Je '66.

DONETSK PROVINCE—COKE INDUSTRY—LABOR PRODUCTIVITY

At the Makeyevka By-Product Coke Plant. G. Minukhin. Koks i khim. no. 5:63 '66.

DOPPLER EFFECT

Calculation of the Doppler temperature coefficient of reactivity for individual resonances in a homogeneous medium. P. E. Bulavin, G. I. Toshinskii. Atom. energ. 21 no. 1:54-56 JI '66.

DORMANCY IN PLANTS

Changes in free amino acids during grapevine dormancy. S. A. Marutian. Biol. zhur. Arm. 19 no. 6:59-66 Je '66.

DOUBLE REFRACTION see Refraction, Double

DOUBLE SALTS see Salts, Double

DOUGH

Shecherbatenko, V. V., and others. [Regulating the process of the preparation of dough; new methods in the study of dough] Regulirovaniye protsessov prigotovleniya testa; novye skhemy testovaniya. Moskva, TsINTI-Pishcheprom, 1965. 94 p.

DOWNY MILDEW

Harmfulness of Peronospora infection of sugar beets. A. S. Shukanau. Vestsi AN BSSR. Ser. sel'khoz. nav. no. 2:78-84 '66.

DRAGONFLIES see subdivision under Maritime Territory

DRAINAGE

(see also subdivision under Kazakhstan; Kolkhida Lowland; Meshchera)

Extensive development of land improvement for producing large and stable yields of grain and other farm crops; a report to the May Plenum of the Central Committee of the CPSU. E. E. Alekseevskii. Gidr. i mel. 18 no. 7:20-30 JI '66.

Extensive development of land improvement to ensure high and stable yields of grain and other farm crops; decisions of the May Plenum of the Central Committee of the CPSU. Gidr. i mel. 18 no. 7:2-5 JI '66.

Forest drainage and its effect on the properties of soils and the productivity of pine plantations. I. K. Bliniov. Vestsi AN BSSR. Ser. sel'khoz. nav. no. 2:85-91 '66.

Increasing effectiveness of utilization of drained and irrigated lands. E. K. Alatorisev. Zemledelie 28 no. 7:5-8 JI '66.

Land improvement as a basic problem in the ensuring of stable agricultural production in the country; a speech at the Plenum of the Central Committee of the CPSU, May 27, 1966. L. I. Brezhnev. Gidr. i mel. 18 no. 7: 6-19 JI '66.

Use of plastic materials in irrigation and drainage of farmlands abroad; review of foreign literature. V. N. Gorinskii. Khim. v sel'. khoz. 4 no. 7:70-77 JI '66.

Ways of increasing the effectiveness of land improvement in peat bog soils. S. G. Skoroparov. Gidr. i mel. 18 no. 7:51-57 JI '66.

DRAWING—INSTRUCTION

Ostashevskii, N. I. [Look around] Posmotri vokrug. [Moskva] Molodai gvardia, 1966. 77 p. (V posmoshch' pioneru-instruktoru)

Pavlov, P. I. A. [Everyone can learn to draw; advice of a designer] Kazhdyi mozhet nauchits'ya risovat'; sovety risoval'shchika. Moskva, Sovetskii khudozhnik [1966] 102 p.

Sakulina, N. P., ed. [Methodology of teaching drawing, modeling and applique in kindergartens; a textbook for preschool pedagogical institutes] Metodika obucheniya risovaniyu, lepke i aplikatsii v detskom sadu; ucheb-nik dlia doskol'nykh pedagogicheskikh uchilitsch. Izd. 4., ispr. i dop. Moskva, Prosveshchenie, 1966. 265 p.

DRAWING (METALWORK)

Determining the angles of drawing steel shapes. Kh. B. Gromman, V. G. Nagornyi. Stal' 26 no. 6:566-568 Je '66.

New developments in research. V. L. Kolmogorov, S. I. Orlov, K. P. Seifshchev. Stal' 26 no. 6:569 Je '66.

Shortening of the production cycle for the cold-forming of pipe. V. A. Alekhin and others. Stal' 26 no. 6: 530-532 Je '66.

DRAWINGS, LITHUANIAN

Bulaka, Meclolasvas. [Old Vilnius] Vilnius - senamies-tis... Vilnius, Valstybine polit. ir mokslines lit-ros, leidykla, 1958. 9 p. 24 plates. [In Lithuanian, Russian, English and German]

DREDGING MACHINERY

Bucket equipped with an elastic falling-out lining. V. A. Kulmin. Resh. transp. 25 no. 7:38 '66.

DRESSMAKING see subdivision under Leningrad

DRESSMAKING—PATTERN DESIGN

Shuknova, R. S., and O. I. Gusearova. [Mechanical duplication of the patterns for women's light dresses] Tekhnicheskoe razmnozhenie lekhal zhenskogo legkogo plat'ia. Leningrad, 1966. 46 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Omen poredovym proizvodstvennyim i nauchno-tekhnicheskim opytom v shveinoy promyshlennosti]

DRIERS

Infrared burners designed by the Special Design Bureau of the "Gazpriboravtomatika." R. N. Kashin, R. R. Kibbel'. Gaz. prom. 11 no. 6:36-38 '66.

DRILLING MUDS

(see also subdivision under Azerbaijan)

Selecting an efficient type of aerator. I. M. Muradian. Neftprom. delo no. 6:14-16 '66.

Testing wells by lowering pressure on a layer. B. M. Kurochkin. Neft. khoz. 44 no. 6:20-24 Je '66.

Titkov, N. I., and A. N. Kukin. [Combined studies of lost-circulation horizons in well drilling] Kompleksnye issledovaniya pogloshchayushchikh gorizontov pri burenii skvazhin. Moskva, Nedra, 1966. 167 p. fold. diagrs. (insert)

DRILLING MUDS—ANALYSIS

Improved laboratory thermovacuum degasser for drilling muds. N. R. Shorokhov. Neftgaz. geol. i geofiz. no. 6:42-3 of cover '66.

DRINKING WATER

Disinfection of drinking water with hydrochloric acid. G. I. Dzilikhova. Sbor. nauch. trud. SOGMI no. 11:146-149 '64.

The water we drink. V. Emel'tanov. Nov. vrem. 24 no. 37:22-24 S '66.

DRINKING WATER—ANALYSIS

Methodology of determining polyethylene polyamine in drinking water. N. I. Omel'tanets. Lab. delo no. 8: 483-484 '66.

DROMEDARIES see Camels

DROSOPHILA

Occurrence of lethal mutations in the heterochromatic region of the X-chromosome of Drosophila melanogaster as related to preadaptation development temperature. Z. M. Kogan. Genetika no. 4:39-44 Ap '66.

DRUG INDUSTRY see subdivision under Ukraine

DRUGS

New drugs. I. M. Kravchenko, O. K. Pohorenkiak. Farmatsev. zhur. 20 [i. e. 21] no. 4:92-93 '66.

New drugs. I. M. Kravchenko, O. K. Pohorenkiak. Farmatsev. zhur. 21 no. 3:88-90 '66.

DRUGS—ADULTERATION AND ANALYSIS

Quality control of medicinal plant raw material in Russia in the 17th and 18th centuries. M. O. Lynchenko. Farmatsev. zhur. 20 [i. e. 21] no. 4:86-88 '66.

DRUGS—SIDE EFFECTS

Some problems of drug allergy. V. I. Arutunov. Sov. med. 28 no. 5:3-5 My '66.

DRUGSTORES

(see also subdivision under Ukraine)

From the practice of drugstores as the schools for progressive experience. K. V. Hovno, Farmatsev. zhur. 21 no. 3:79-81 '66.

Provision of the population with drugs and the tasks of the drugstore network for the period 1966-1970. I. M. Hubs'kiy. Farmatsev. zhur. 21 no. 3:3-5 '66.

DRUGSTORES—ACCOUNTING

Business accounting and rentability of drugstores. N. S. Aronov. Farmatsev. zhur. 21 no. 3:81-82 '66.

Economizing the marketing costs in drugstores with business accounting. Iu. V. Bartolomeiev. Farmatsev. zhur. 21 no. 3:67-71 '66.

Problem of increasing work productivity and decreasing overhead expenses in drugstore warehouses. Iu. V. Bartolomeiev, D. V. Utkin. Farmatsev. zhur. 26 [i. e. 21] no. 4:89-94 '66.

DUCKWEED

Reproduction rate and survival of the duckweed Lemna minor following gamma irradiation. V. B. Koshlov. Radiobiologiya 6 no. 4:605-612 '66.

DUODENUM—BIOPSY

Diagnostic significance of aspiration duodenal biopsy in chronic inflammatory diseases of the duodenum. V. N. Shmakov, A. F. Efimova. Sov. med. 29 no. 7:6-12 JI '66.

DUODENUM—DISEASES

Decompression operations (cholecystojejunostomy, cholecystogastrostomy) in duodenal stenosis complicated by cholecystopancreatitis. E. V. Smirnov, O. B. Poretskii, A. D. Slabozhankin. Khirurgiya 42 no. 6:127-131 Je '66.

DUODENUM—INFLAMMATION

Diagnostic significance of aspiration duodenal biopsy in chronic inflammatory diseases of the duodenum. V. N. Shmakov, A. F. Efimova. Sov. med. 29 no. 7:6-11 JI '66.

DUODENUM—SURGERY

Kocher's method for the mobilization of the duodenum in the resection of the stomach. Iu. I. Iudaev, B. V. Myts. Sov. med. 29 no. 7:81-85 JI '66.

DURALUMIN—TESTING

Artificial aging of parts made of D16 alloy. P. M. Kogan. Tekh. i org. proizv. no. 1:14-16 Ja-F '66.

DUSHANBE—TRADE UNIONS—OFFICERS

The instructor is always among activists. O. Khaliqov. Sov. profsoyuzy 22 no. 14:22 JI '66.

DUSHETI DISTRICT—ORTHOPEDIA

Dissemination of innate orthopedic deformations in Dusheti District. N. I. Kikabidze, M. A. Dogandze. Soob. AN Gruz. SSR 43 no. 1:253-256 JI '66.

DUST—REMOVAL

Roller bits with peripheral blowing. I. E. Nalinskii. Vzyryv. delo no. 50:15:170-173 '66.

DUST COLLECTORS

Gal'tsov, V. A. [Equipment for fixed ventilation cabinets of machine tools of automatic lines in instrument industry] Oboorudovaniye dlia vstroennykh ventilatsionnykh otosov metalloobrabatovyvayushchikh stankov avtomaticheskikh potochnykh liniy priborostroitel'noy promyshlennosti. Moskva, Informatsionno-izdatelskii sektor Nauchn.-issl. in-in. i in-in. tekhn., 1962. 9 p.

[MICROFILM]

DUTY

Rebrin, V. A. [Social duty of builders of communism; category of duty in Marxist-Leninist ethics] Obshchestvennyi dolg stroitel'ei kommunizma; kategoriya dolga v marksistско-leninskoi etike. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 381 p. (NIC)

DVIN REGION (ARMENIA)—CELESTINE

Celestine and strontianite from Danian-Paleocene sediments in the Dvin region. M. A. Saitan, Zh. O. Stepanian, G. M. Mkrtchian. Dokl. AN Arm. SSR 42 no. 5:200-203 '66.

DVIN REGION (ARMENIA)—STRONTIANITE

Celestine and strontianite from Danian-Paleocene sediments in the Dvin region. M. A. Saitan, Zh. O. Stepanian, G. M. Mkrtchian. Dokl. AN Arm. SSR 42 no. 5:203-203 '66.

DWARFS

Some characteristics of the structure of lymph nodes in a hypophyseal dwarf. A. P. Poda, Shor. nauch. trud. SOGMI no. 11:242-243 '64.

DYES AND DYEING

Infrared spectra of polyvinyl alcohol fiber dyed by anthraquinone aldehyde dyestuff. B. Murupov and others. Dokl. AN Tadzh. SSR 9 no. 6:11-13 '66.

International exhibition "Chemistry in Industry, Construction, and Agriculture." G. O. Tsvetkov. Khim. massy no. 8:78-79 '66.

Photoelectromotive force in dyestuff layers under symmetrical cross illumination. A. T. Varianian, G. N. Moskova. Dokl. AN SSSR 160 no. 2:371-374 JI '66.

Use of diazole pink "B" for the detection of granules of enterochromaffin cells. G. S. Fomina. Arkh. pat. 19 no. 5:83-84 '66.

DYNAMICS
Bukhpol'ts, N.N. [Basic course in theoretical mechanics] Osnovnoi kurs teoreticheskoi mekhaniki. Izd. 4. perer. i dop. S.M. Targom. Moskva, Nauka. Pt. 2. [Dynamics of systems of material points] Dinamika sistem material'nykh tochek. 1966. 332 p.

Dorushkevich, A.M. [Dynamics; programmed textbook. Talks 4-6] Dinamika; programirovannoe uchebnoe posobie. Besedy 4-6. Moskva, Mosk. poligr. in-t, 1965. 125-244 pp. (i.e., in 3 v.)

Momentum imparted by vortices to an ideal incompressible liquid and the meaning of impulse according to Kelvin. IU. G. Mamaladze. Fiz. i inzh. temp. no. 1: 59-70 '65.

Reactions in the system of connected bodies in performing a given movement. M.Z. Litvin-Sedoi. Izv. vys. ucheb. zav. av. tekhn. 9 no. 2: 18-24 '66.

Salek, V.L. [Meshcherskii's equation for dynamics of point with variable composition; lecture for students and post graduates of Novosibirsk Institute of Engineers of Railroad Transportation] Uravnenie Meshcherskogo dinamiki tocheki peremennogo sostava; lektsia dlia studentov i aspirantov NIIZhT. Novosibirsk, Novosibirskii in-t inzhenerov zhelezn. transporta, 1965. 60 p.

[MICROFILM]

DYNAMICS OF A PARTICLE

Relative motion and inertia run of particles. A.T. Litvinov. Inzh. fiz. zhur. 10 no. 6: 776-782 '66.

DYNAMOMETRY

Method of the direct measurement of pressure and friction forces during the upsetting of metals. V.A. Matarov, P.I. Polukhin, L.P. Skorokhod. Izv. vys. ucheb. zav.; Chern. met. 9 no. 7: 106-109 '66.

DYSENTERY

Characteristics of the cutaneous-allergic reaction to dysentery allergen in young children with dysentery. S.A. Abieva, L.G. Kravchik. Azerb. med. zhur. 43 no. 5: 63-68 My '66.

Correlation of immunological indices in recurrent cases of dysentery. N.S. Orakova. Sov. med. 28 no. 7: 17-20 Ji '66.

Dynamics of the changes in the antagonistic activity of intestinal bacteria in patients with dysentery depending on the method of tetracycline introduction. K.V. Klimov and others. Zhur. mikrobiol., epid. i immun. 43 no. 7: 116-121 Ji '66.

Epidemiology of dysentery in children attending day nurseries and kindergartens. N.A. Solov'eva, G.N. Raikhatat. Zhur. mikrobiol., epid. i immun. 43 no. 8: 152-153 Ag '66.

Use of the indirect hemagglutination reaction in dysentery. L.M. Shmuler. Zhur. mikrobiol., epid. i immun. 43 no. 7: 54-57 Ji '66.

DYSPROSIUM-ELECTRIC PROPERTIES

Characteristics of the temperature dependence of the electric resistance of dysprosium at low temperatures. N.V. Volkenshtein and others. Fiz. met. i metalloved. 21 no. 5: 674-677 My '66.

DYSTROPHY

New experimental data on trophic disturbances in tissues innervated by trigeminal nerve. V.A. Mikhnev. Dokl. AN SSSR 169 no. 3: 735-737 Ji '66.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926

Laukova, Alvida. [F.Dzerzhinskii's revolutionary activity in Lithuania] F.Dzerzhinskio revoliucine veikla Lietuvoje. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 54 p. [In Lithuanian]

DZHAMBUL PROVINCE—RUNOFF

Determining the basic streamflow parameters of the rivers in Dzhambul and Chirchikent Provinces during the growing and nongrowing seasons. V.S. Burumenskii. Vest. sel'khoz. nauki [Kazakh]. 9 no. 7: 69-63 Ji '66.

DZHUZHGANIAN ALATAU—SOILS

Light Chestnut soils of the northern slopes of the Dzhungarian Alatau. V.M. Nikolaeva. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3: 13-20 My-Je '66.

EAR

Effect of X rays on the auditory capsule induction in a frog embryo. V.V. Popov, Khasan Ali-Sakini. Radiobiologiya 6 no. 4: 633-634 '66.

EARTH—INTERNAL STRUCTURE

Method for testing geological interpretations of gravitational observations. M.A. Aleksidze, T.G. Bolindze. Soob. AN Gruz. SSR 43 no. 1: 63-68 Ji '66.

Structure of the earth's crust and the sedimentary thickness of the Sea of Japan according to seismic data. V.M. Kovylin, B.I.A. Karp, R.B. Shaikhmetov. Dokl. AN SSSR 168 no. 6: 1040-1051 Je '66.

EARTH—SURFACE

(see also subdivision under Balkal Lake region; Black Sea; Caucasus; Ukraine)

Dynamic activation of the earth's crust in the process of tectogenesis. A.A. Borisov. Geofiz. sbor. no. 15: 26-33 '66.

EARTH CURRENTS

Changes in intensity of long-period oscillations of electrotelluric field in middle latitudes. V.V. Kobiladze, A.S. Lashkhi. Nek. vop. issl. elektromag. pol. Zeml. no. 1: 91-104 '65.

Some characteristics of short-period oscillations of regional currents of earth based on observation materials for period 1948 to 1950. A.V. Bukhaikaashvili. Nek. vop. issl. elektromag. pol. Zeml. no. 1: 74-89 '65.

EARTH SATELLITES see Artificial satellites

EARTH SCIENCES—METHODOLOGY

Methodology problems of the earth sciences; a report by Academician E.K. Fedorov with a discussion which followed. Vop. filoz. 20 no. 7: 96-107 '66.

EARTH TEMPERATURE

(see also subdivision under Krasnodar Territory)

Characteristics of the thermal field in an area of recent volcanism. B.G. Poliak. Biol. MOIP. Ord. geol. 41 no. 2: 130-131 Mr-Apr '66.

Role of abyssal processes in the formation of the geothermal regime of the earth's crust. R.I. Kutaa. Geofiz. sbor. no. 15: 94-91 '66.

EARTHQUAKES see subdivision under Skopje region (Yugoslavia); Turkmenistan

EARTHQUAKES AND BUILDING

(see also subdivision under Armenia; Valdivia District)

Classification of seismic deformations of dams built of local materials. G.S. Seleznev. Inzh. seism. no. 3: 487-49 '66.

Interaction of surface waves and a structure. A.P. Shteyn. Inzh. seism. no. 3: 410-119 '66.

Methodological problems of engineering seismology as related to the organization of observations on dams built of local materials. T.G. Sagdlov, R.S. Shuser, G.S. Seleznev. Inzh. seism. no. 3: 402-86 '66.

Propagation velocity of elastic waves in buildings. E.S. Medvedeva. Inzh. seism. no. 3: 4120-127 '66.

Relationships between the seismic rigidity of a building and soils. E.S. Medvedeva. Inzh. seism. no. 3: 4128-130 '66.

Review of studies on the seismic stability of structures carried out by the Central Scientific Research Institute of Structural Elements. V.A. Bykhovskii. Inzh. seism. no. 3: 400-102 '66.

EARTHWORK—MODELS

Unloading of earth from the bucket of a wheel excavator studied on a static model. V.K. Trofimov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3: 95-91 '66.

EARTHWORMS

Relationship between structure of digestive tract in earthworms (Lumbricidae, Oligochaeta) and feeding habits. L.M. Semenova. Zool. zhur. 45 no. 7: 986-997 '66.

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

ECLIPSES, SOLAR—1961

Seleznikov, S.I. [Total solar eclipse, February 15, 1961] Polnoe solnechnoe zatmenie, 15 fevralia 1961 goda. [Leningrad] Lenzdat, 1961. 74 p. (MIU)

ECOLOGIE see subdivision under Pekul'noy Range; Yakutia

ECOLOGY

(see also subdivision under Lena Valley)

Role of ecological factors in formation of conditioned response tonus of cerebral cortex. B.I.A. Kalinas. Zhur. vys. nerv. delat. 16 no. 4: 625-628 Ji-Ag '66.

ECONOMETRICS

Asymptotic behavior of the optimum trajectories of linear economic models. V.L. Makarov. Sib. mat. zhur. 7 no. 4: 832-853 Ji-Ag '66.

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Togo

ECONOMIC DEVELOPMENT see subdivision under Africa; Spain

ECONOMIC HISTORY

Natural resources and politics. L. Karpov. Nov. vrem. 24 no. 35: 18-10 Ag '66.

Raul Prebisch in the Soviet Union. P. Ignat'ev. Nov. vrem. 24 no. 35: 21-22 Ag '66.

ECONOMICS

Borisova, G.I. [Commodity production; commodity and money under capitalism] Tovarnee proizvodstvo i tovar i den'gi pri kapitalizme. Moskva, Vysshaya shkola, 1966. 49 p. (Studentu izuchaiushchemu politikononiiu)

Cherkovets, V.N. [On methodological principles of economics as scientific system; logical method of K. Marx and system of categories of economics of socialism] O metodologicheskikh printsipakh politicheskoi ekonomii kak nauchnoi sistemy; logicheskiy metod K. Marksa i sistema kategori politicheskoi ekonomii sotstalizma. [Moskva] Izd-vo Mosk. univ., 1965. 260 p. (NIC)

Karataev, N.K. ["Economics" is bourgeois political economy] Ekonomika - burzhuaznaia politikononiia. Moskva, Nauka, 1966. 269 p.

Leon'ev, L.A. [Engels and the economic theory of Marxism] Engel's i ekonomicheskie uchenie marksizma. Moskva, Mysl', 1965. 444 p. (CU) (VIU)

Minc, Bronislaw. [Political economy of socialism. Translated from the Polish] Politicheskaya ekonomia sotetializma. 2, ispr. i dop. izd. Oshchegala red. i posleslovie A.S. Kudrjavtseva. Moskva, Progress, 1965. 508 p. (CST-II)

On the history of political economy in its broad and narrow sense in Soviet economic literature in the 1920's. L.D. Shirokorad. Vust. LGU 21 no. 1: 15-13 '66.

Our common concern. L. Zademman. Bibliotekar' 43 no. 3: 4-6 Ag '66.

Problems of planning national economy discussed in Soviet economic literature. IE, L. Lortykman. Bibliot. ta bibl. no. 2: 86-100 '66.

Shauchenka, V.M., and I.A. Lazynskaya. [Economic laws are the basis of the economic policy of the CPSU and the Soviet government] Ekonomichesnye zakony - osnovna haspadarchai palliyki KPSS i Sovetskai dzharzhavy. Minsk, Belarus', 1960. 36 p. (U dnyamomu vyuchaluchym ekonomiki, no. 1)

Some problems in the theory and practice of the non-capitalist road of development. N.K. Vainavang and others. Nar. Az. i Afr. no. 4: 47-58 '66.

Theoretical foundation for the noncapitalist road of development. A.C. Bachagov. Nar. Az. i Afr. no. 4: 59-66 '66.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—HANDBOOKS, MANUALS, ETC.

Barun, M.A., comp. [Handbook on financial and economic calculations] Spravochnik po finansovo-ekonomicheskim raschetam. Moskva, Finansy, 1966. 406 p.

ECONOMICS—MATHEMATICAL MODELS

A linear model of exchange. I.G. Ghebenco. Dokl. AN SSSR 169 no. 2: 205-208 Ji '66.

ECONOMICS, MATHEMATICAL

Akademii nauk Uzbekskoi SSR, Tashkent. Institut mekhaniki i vychislitel'nykh tsentr. [Selection of an optimal variant for transport service; the use of mathematical methods and electronic computers] Vybore optimal'nogo varianta transportnogo obsluzhivaniya; primeneniye matematicheskikh metodov i EVM. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 111 p.

Algorithm for the search of the optimal distribution of centralized resources. T.N. Perovyanakova, A.A. Perovyanovskii. Izv. AN SSSR. Tekh. kib. no. 3: 16-10 My-Je '66.

Matzel, L.L. [Mathematical evaluation of the economic efficiency of concentrating production in combination; a report] Matematicheskaia otsenka ekonomicheskoi effektivnosti koncentratsii proizvodstva na upol'nykh shakhtakh; nauchnyi doklad. Moskva, In-l gornogo dela im. A.A. Skochinskogo, 1965. 46 p.

ECZEMA

Nucleic acid and glycogen content of skin affected with eczema. A.I.A. Prokopenko, I.G. Lel'man, IU.I. Padobed. Dokl. AN SSSR 169 no. 7: 515-517 Ji '66.

EDDY ELECTRIC CURRENTS see Electric currents, Eddy

EDENTATA

Blomberg, Rolf. [Giant snakes and monstrous Pholidota. Translated from the Swedish] Zmet-giganty i strahnye lashchery. Moskva, Znanie, 1966. 62 p. (Novoe v zhizni, nauka, tekhnika. XIII Seriya: Nauka o zemle, no. 5)

EDIBLE MUSHROOMS see Mushrooms, Edible

EDUCATION

(see also subdivision under Bukovina; Efremov County; Great Britain; Latvia; Lipetsk Province; Orenburg Province; Ukraine; White Russia)

Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Pedagogical sciences; program and abstracts of reports, March 28-May 13, 1966] Pedagogicheskie nauki; programma i tezisy dokladov, 28 marta-13 maia 1966 g. Leningrad, 1966. 234 p. (XIX Gertsenovskite chitents)

[Pedagogy and public education abroad; abstracts] Pedagog. i nar. obr. v zarub. stran. no. 1 '63; no. 4 '64; no. 3/4 '65, cover '66

The teachers were asked to discuss these problems. Nar. obr. no. 8: 1-6 '66.

EDUCATION (Continued)

Tikov, A. F. [Social principles in public education; from experience in work of schools...] Obshchestvennoye nachalo v narodnom obrazovanii; iz opyta raboty shkol.... Moskva, Prosveshchenie, 1965. 116 p. (NIC)

EDUCATION—EXPERIMENTAL METHODS

They should grasp the real meaning of words. V. Palamar-chuk. Nar. obr. no. 8:36-38 Ag '66.

EDUCATION—FINANCE see subdivision under Moscow

EDUCATION, COOPERATIVE

(see also subdivision under Kuybyshev Province; Volgograd)

"Chalka," an industrial plant manned by schoolchildren. I. Pervin. Nar. obr. no. 8:58-62 Ag '66.

EDUCATION, ELEMENTARY

Danilova, M. A., ed. [Classwork in eight-year schools] Urok v vos'miletnei shkole. Moskva, Prosveshchenie, 1966. 248 p.

Some problems of elementary education. N. Demidov. Nar. obr. no. 8:11-13 Ag '66.

EDUCATION, HIGHER

[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Blul. Min. vys. i sred. spets. obr. SSSR no. 7 JI '66.

EDUCATION, PRESCHOOL—FINANCE

Current problem. A. Shitov. Fin. SSSR 40 no. 8:36-39 Ag '66.

Machine accounting for payments in institutions for pre-school children. I. Polevoi, A. Filippov. Bukhg. uch. no. 6:42-46 Je '66.

EDUCATION, SECONDARY

An important problem. A. Zaitsev. Nar. obr. no. 8:7-9 Ag '66.

EDUCATIONAL PSYCHOLOGY

Experiment of the formation of intellectual skills in older schoolchildren during the solution of practical problems. V. I. Zykova. Vop. psikh. 12 no. 3:117-130 My-Je '66.

Pedagogical intuition. IU. Azarov. Nar. obr. no. 8:85-87 Ag '66.

Teacher's mental state and tact. I. V. Strakhov. Vop. psikh. 12 no. 3:153-164 My-Je '66.

EFFICIENCY, INDUSTRIAL

Maslennikov, G. V. [33 giants and thousands of settlers] 33 bogatyria i tysyachi novoseloy. [Moskva] Mosk. rabochi, 1965. 118 p.

EFREMOV COUNTY—EDUCATION

Excerpts from a report of A. Kotelnikov, Head of the Efremov Department of Public Education to the Executive Committee of the Soviet of Workers' Deputies of Efremov County, February 15, 1919. Nar. obr. no. 8:91-94 Ag '66.

EGGS

Determination of zoocoumarin in hen liver and eggs. A. P. Kot. Dokl. AN BSSR 10 no. 7:503-505 JI '66.

EGYPT

Lurie, S. I. A. [Letter of a Greek boy] Pis'mo grechesko-go mal'chika. Moskva, Detskaya literatura, 1966. 48 p. (Malen'kaya istoricheskaya biblioteka)

United Arab Republic; its economy
"edinnaya Arabskaya Respublika";
...ovlia, Moskva, IMO, 1966.

EGYPT—ECONOMIC POLICY

Mattukhin, I. S. [The United Arab Republic; its economy and foreign trade] Ob'edinnennaya Arabskaya Respublika; ekonomika i vneshnaya trgovlia. Moskva, IMO, 1966. 150 p.

EGYPT—POLITICS AND GOVERNMENT

Bloody "brothers." A. Zakharov. Az. i Afr. seg. 10 no. 8:11-13 Ag '66.

EGYPTIAN LANGUAGE—TERMS AND PHRASES

Some unused data on the meaning of the Egyptian term "mrt." I. S. Stuchevskii. Vest. drev. ist. no. 2:76-82 '66.

EIDETIC IMAGERY

Process of detailing images during the orientation period of activity in junior schoolchildren. N. I. Kuvshinov. Vop. psikh. 12 no. 3:105-115 My-Je '66.

EIGENFUNCTIONS

Asymptotic behavior of eigenvalues and eigenfunctions of one-dimensional singular differential operators. M. V. Fedoriuk. Dokl. AN SSSR 169 no. 2:286-291 JI '66.

Theorem on the equisummability of differentiated expansions in eigenfunctions in a one-dimensional Dirac system. I. S. Sargsian. Dokl. AN Arm. SSR 42 no. 5:262-267 '66.

EIGENVALUES

Asymptotic behavior of eigenvalues and eigenfunctions of one-dimensional singular differential operators. M. V. Fedoriuk. Dokl. AN SSSR 169 no. 2:286-291 JI '66.

ELASTIC PLATES AND SHELLS

Determining the carrying capacity of shallow shells of revolution. O. N. Shabili, P. F. Kuprichuk. Prikl. mekh. 2 no. 7:50-57 '66.

Determining zero-torque shape of a shallow shell subjected to symmetric deformation. A. M. Vinogradova. Prikl. mekh. 2 no. 7:39-42 '66.

Effect of the reinforcement of shallow symmetrically loaded shells of revolution. V. M. Mitkevich, A. K. Shulka. Prikl. mekh. 2 no. 7:58-64 '66.

Equations of the bending of plates in the torque theory of elasticity. G. A. Gevorkian. Prikl. mekh. 2 no. 7:74-79 '66.

Investigating large flexures of nonlinearly elastic plates by means of the method of disturbance. IU. K. Chekushkin. Prikl. mekh. 2 no. 7:65-73 '66.

Method for studying the stability of a cylindrical shell under longitudinal impact. V. I. Borysenko. Dop. AN URSSR no. 7:875-878 '66.

Physically nonlinear plate having a hole reinforced with a thin elastic rod. M. A. Babayev. Prikl. mekh. 2 no. 7:80-87 '66.

Plates reinforced with a thin double ring. V. I. Tul'chik. Dop. AN URSSR no. 7:879-882 '66.

Some complex equations of laminated shells. A. P. Mukoed. Prikl. mekh. 2 no. 7:34-38 '66.

Stability of a cylindrical shell reinforced with stiffening ribs. N. I. Karpov. Prikl. mekh. 2 no. 7:27-33 '66.

Stability of a thick plate compressed in two directions. I. D. Legenia. Prikl. mekh. 2 no. 7:80-84 '66.

Stability of constructively anisotropic cylindrical circular shell under nonuniform compression. V. V. Kabanov. Mekh. tver. tela no. 3:84-88 My-Je '66.

Stability of cylindrical shell under uniform external load and under various conditions of attachment. IU. M. Khishchenko. Mekh. tver. tela no. 3:107-110 My-Je '66.

Stressed state around a circular hole in an orthotropic cylindrical shell. IU. A. Ashmarin. Prikl. mekh. 2 no. 7:22-26 '66.

Thermal stresses in orthotropic plates under the action of distributed and concentrated heat sources. A. I. Udalev. Mekh. tver. tela no. 3:100-103 My-Je '66.

Vekua, I. N. [Theory of thin shallow shells of variable thickness] Teoriya tonkikh plogikh obolochek poremennoi tolschiny. Tbilisi, Metsnoloreba, 1965. 101 p. (Akademiya nauk Gruzinskoi SSR. Matematicheskii institut. Trudy, vol. 30)

ELASTIC RODS AND WIRES

Torsion of rods with semicircular cross section. K. G. Galimkhanov. Trudy. Ufim. av. inst. no. 2:33-43 '66.

ELASTIC SOLIDS—VIBRATION

Akademiya nauk URSS. Kiev. Institut problem materialo-znaniya. [Energy dissipation in elastic systems due to vibrations] Rasseyaniye energii pri kolebaniyakh uprugikh sistem. Pod red. G. S. Pisarenko. Kiev, Naukova dumka, 1966. 303 p.

ELASTIC WAVES

Determining the energy of elastic waves during weak explosions. N. K. Karapetian. Inzh. seism. no. 3/4:29-37 '66.

Possibility of using elastic transversal waves for the study of cracks in rocks. K. D. Klem-Musatov. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:41-47 '66.

ELASTIC WAVES—SPEED

Propagation velocity of elastic waves in buildings. E. S. Medvedeva. Inzh. seism. no. 3/4:120-127 '66.

ELASTICITY

Conditional Young's modulus of liquid surface layers. A. I. Rusanov. Koll. zhur. 28 no. 3:443-449 My-Je '66.

Effective solution of some plane mixed problems in the theory of elasticity. E. I. Obolashvili. Prikl. mekh. 2 no. 7:127-130 '66.

Laminar elastic and viscoelastic media with small initial imperfections. V. V. Bolotin. Mekh. tver. tela no. 3:69-85 My-Je '66.

Studying an axially symmetric dynamic field of displacements in an elastic half-space. V. S. Nikiforovskii, N. I. Onisko. Fiz.-tekh. probl. razrab. pol. iskop. no. 2:19-30 '66.

Two-dimensional problems in theory of elasticity of microinhomogeneous bodies. V. A. Lomakin. Mekh. tver. tela no. 3:72-77 My-Je '66.

Use of generalized analytic functions in solving a three-dimensional axisymmetric problem in the theory of elasticity for multiply connected solids of revolution. IU. I. Solov'ev. Dokl. AN SSSR 169 no. 2:310-313 JI '66.

Young's modulus of certain transition metal carbides. I. N. Prantsevich, A. B. Lashchenko. Poroshk. met. 6 no. 7:73-75 JI '66.

ELASTICITY—BOUNDARY VALUE PROBLEMS

Deformation of unbounded transversely isotropic body weakened by external circular gap. R. IA. Sanchelashvili. Mekh. tver. tela no. 3:116-118 My-Je '66.

On an inverse problem in elasticity theory. G. I. Cherepanov. Mekh. tver. tela no. 3:119-122 My-Je '66.

ELATINE

Delphinium elatum in the Kazakhstan area of the Altai. N. U. Dzhanapova. Trudy Inst. bot. AN Kazakh. SSR 22:117-127 '66.

ELECTRIC APPARATUS AND APPLIANCES

[Domestic electrical devices] Elektrobytovye pribory. Izd. obshch. nauch. Moskva, Izd-vo Standartov, 1966. 217 p. (SSSR. Gosudarstvennyye standarty)

Ivanov, Energeticheskii Institut. [Improvement and automation of industrial electric drives and electric units] Usovorenstvovanie i avtomatizatsiya promyshlennykh elektropivodov i elektronanovok; tematische-skii sbornik. Izrael, 1966. 126 p.

Shumilovskii, N. N., G. G. Armonchuk, and V. P. Grabovskii. [Method of eddy currents] Metod vikhrovnykh tokov. Pod obshch. red. N. N. Shumilovskogo. Moskva, Energiya, 1966. 174 p. (Fizicheskii i fiziko-khimicheskie metody kontrollya sostava i svoystv veshchestva)

ELECTRIC APPARATUS AND APPLIANCES—PATENTS

Discoveries and inventions. Prom. energ. 21 no. 6:46 Je '66.

ELECTRIC ARC

Fedchenko, I. K., and S. A. Sokolovskii. [Measurement of the temperature of an electric arc] Izmereniya temperatury elektricheskoi dugi. Kiev, Tekhnika, 1966. 153 p.

Motion of an electric arc in a magnetic field. O. B. Brin. Elektrichestvo no. 7:1-6 JI '66.

ELECTRIC CABLES

Gumeln, A. N., and V. O. Shvartsman. [Electrical characteristics of cable and overhead communication lines] Elektricheskie kharakteristiki kabel'nykh i vozdukhnykh liniy svyazi. Moskva, Svyaz', 1966. 206 p.

Mechanization of labor consuming operations in the production of cable drums. B. M. Pyan, I. A. Verbovskii. Dopr. nauch. 15 no. 6:27-28 Je '66.

Shvartsman, V. O. [Mutual influences in communication cables] Vzaimnyye vliyaniya v kabel'nykh svyazi. Moskva, Svyaz', 1966. 430 p.

ELECTRIC CIRCUITS

Design of amplifier circuits with a regulating transistor. K. G. Skachko. Izv. vop. uch. zav. i energ. 9 no. 7:39-47 JI '66.

Kaganov, Z. G. [Continued fractions in electric engineering in two parts] Tselnyye drobi v elektricheskikh dvukh chastyakh. Novosibirsk, Nauka.

Pl. I. [Resonances in electric catalytic circuits] Rezonansy v elektricheskikh tsapnykh skhemakh. 1966. 109 p.

Method of superposed diagrams for analysis and calculation of symmetrization circuits. A. K. Shalovskii, O. D. Musyachenko. Dop. AN URSSR no. 7:825-829 '66.

Shvartsman, V. O. [Mutual influences in communication cables] Vzaimnyye vliyaniya v kabel'nykh svyazi. Moskva, Svyaz', 1966. 430 p.

ELECTRIC CONDUCTIVITY

Frequency-dependent conductivity of an electron-phonon system. N. M. Plinkina. Fiz. met. i metalloved. 21 no. 5:657-663 My '66.

The magnetic permeability, electric conductivity, dielectric constant, and thermal conductivity of a medium containing spherical ellipsoidal inclusions. A. K. Vitsberg. Dokl. AN SSSR 169 no. 3:543-546 JI '66.

ELECTRIC CONTROLLERS

The MEM-type electric multitrans control mechanism. A. G. Nadol', K. A. Ambramskii, Blul. tekhn. shk. Inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 6:40-41 Je '66.

ELECTRIC CURRENTS

Calculating the extreme effective values of transient currents in current transformers with predominantly active loads. L. V. Baginskii. Izv. vop. uch. zav. i energ. 9 no. 7:14-20 JI '66.

ELECTRIC CURRENTS—GROUNDING

Equipment for setting vertical groundings. I. Kogut. Tekhn. v sel'khoz. 26 no. 6:37-41 Je '66.

ELECTRIC CURRENTS, EDDY

Shumilovskii, N.N., G.G. Iarmol'chuk, and V.P. Grabovetskii. [Method of eddy currents] Metod vikhrevnykh tokov. Pod obshchey red. N.N. Shumilovskogo. Moskva, Energiia, 1966. 174 p. (Fizicheskii i fiziko-khimicheskie metody kontrolya sostava i svoystv veshchestva)

ELECTRIC CUTTING MACHINERY

Electric-spark unit. P.K. Prekrasnov, G.A. Fedorov. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 6:30-31 Je '66.

ELECTRIC DISCHARGES THROUGH GASES

Brightness temperature of shock waves in xenon and in the air. A.E. Vollenko, I.Sh. Model', I.S. Samodelov. Dokl. AN SSSR 169 no. 3:547-549 Ji '66.

ELECTRIC DRIVING

Improvement of electric drive units. [Improvement and automation of industrial electric drives and electric units] Usovsheniya i avtomatizatsiya promyshlennykh elektropriivodov i elektrostanoov; tematische-ski sbornik. Iaroslavl', 1965. 126 p.

System for controlling an electric drive using transistors with impulse regulation of generator voltage. N.G. Lysenkov, N.G. Kovalev. Mekh. i avtom. upr. no. 3: 8-11 My-Je '66.

ELECTRIC ENGINEERING

Ligerman, I.I. [Installation of the electrical equipment in industrial enterprises] Komponenty elektropriivodov i promyshlennykh predpriyatii. Moskva, Energiia, 1966. 167 p.

Zorokhovich, A.E., and S.K. Krylov. [Fundamentals of electrical engineering for locomotive brigades] Osnovy elektrotekhniki dlia lokomotivnykh brigad. 4., ispr. i dop. izd. Moskva, Transport, 1966. 528 p.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC EQUIPMENT INDUSTRY—FINANCE see subdivision under Moscow

ELECTRIC EQUIPMENT INDUSTRY—INFORMATION SERVICES

Work of the Central Bureau of Technical Information. M.V. Ruban. Energ. i elek. no. 3:54-55 My-Je '66.

ELECTRIC FIELDS

Calculating the electrostatic field in a two-layer dielectric near the edge of a plane capacitor with a guard electrode. B.F. Lastochkin, L.D. Osnovich, V.D. Makol'skii. Izv. vys. ucheb. zav.; energ. 9 no. 7:21-26 Ji '66.

Ionization of atoms in a variable electric field. A.M. Perelomov, V.S. Popov, M.V. Terent'ev. Zhur. eksp. i teor. fiz. 50 no. 5:1393-1409 My '66.

Use of charge exchange in the multiple acceleration of particles in a potential electric field. G.N. Vinlov, M.M. Pils. Usp. fiz. nauk 89 no. 3:437-452 Ji '66.

ELECTRIC FISHING

Quantitative evaluation of the effect of artificial light on fish. V.N. Mel'nikov. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:113-117 '66.

ELECTRIC FURNACES—EQUIPMENT AND SUPPLIES

Spoko, A.I. [Mechanical equipment of electric steel smelting and iron alloy plants] Mekhanicheskoe oborudovanie elektrostal'nykh i ferrosplavnykh tsekhov. [Moskva] Metallurgiya, 1966. 220 p.

ELECTRIC GENERATORS

Structural network of a synchronous generator feeding a linear balanced load. O.M. Kostin, Elektrichestvo no. 7:33-38 Ji '66.

ELECTRIC GENERATORS—TESTING

Discrete automatic systems for registering the indications of the thermal transducers of rotating components of machines. V.I. Fedorov, A.A. Rozhanskii. Energ. i elek. no. 3:30-31 My-Je '66.

ELECTRIC HEATING

Heating generators with a forked reverse branch of the inducing wire. G.A. Kogan. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 6: 29-30 Je '66.

ELECTRIC INSULATORS AND INSULATION

Decreasing the discharge potential and quenching potential of valve dischargers in the presence of moisture and contamination. V.V. Shmatovich, V.A. Filimonov. Elektrichestvo no. 7:18-21 Ji '66.

Electric strength of oil-barrier insulation in the case of pulsating voltage. V.V. Puchkovskii, G.A. Filippov. Izv. vys. ucheb. zav.; energ. 9 no. 7:27-32 Ji '66.

Gladilin, L.V., ed. [Insulation of underground electric mine installations and electric safety] Izolatsiya podzemnykh elektrostanoov shakht i elektrobezopasnost'. [By] L.V. Gladilin i dr. Moskva, Nedra, 1966. 261 p.

Small-line insulators from high-strength materials. T.I. Boldyrev and others. Energ. i elek. no. 3:20-22 My-Je '66.

ELECTRIC LAMPS, INCANDESCENT

Ulmishek, I.G. [Production of incandescent electric lamps] Proizvodstvo elektricheskikh lamp nakalivaniya. Izd. 5., perer. i dop. Moskva, Energiia, 1966. 538 p.

ELECTRIC LIGHTING

Upper harmonic currents in lighting networks. I.F. Ryabokrysa. Energ. i elek. no. 3:19-20 My-Je '66.

ELECTRIC LINES—OVERHEAD

Conditions of the operation of valve-type dischargers in 750 kv. power transmission lines. A.I. Iaroshenko. Elektrichestvo no. 7:12-17 Ji '66.

Decreasing of the discharge potential and quenching potential of valve dischargers in the presence of moisture and contamination. V.V. Shmatovich, V.A. Filimonov. Elektrichestvo no. 7:18-21 Ji '66.

Gumelia, A.N., and V.O. Shvartsman. [Electrical characteristics of cable and overhead communication lines] Elektricheskie kharakteristiki kablovnykh i vozdukhnykh lini svyazi. Moskva, Svyaz', 1966. 205 p.

Impulse corona on single-strand and split wires. B.D. Bochkovskii. Elektrichestvo no. 7:22-28 Ji '66.

Role of the compensation of the effect of the auxiliary wires in longitudinal differential protection of electric lines. V.L. Fabrikant, L.A. Orekhov. Elektrichestvo no. 7:9-12 Ji '66.

ELECTRIC LINES—POLES AND TOWERS

Morman, I.A. [Mechanisms and devices for installing supports] Mekhanizmy i priposobleniya dlia ustanovki opor. Moskva, Energiia, 1966. 70 p. (Biblioteka elektromontera, no. 198)

ELECTRIC LOCOMOTIVES

Iakovlev, D.V. [Operating and servicing] Upravlenie elektrovozom i ego obsluzhivanie. Moskva, Transport, 1966. 323 p. fold. diagrs. (insert)

ELECTRIC LOCOMOTIVES—TESTING

Experimental investigation induction distribution in gap of TL-2 traction motor. A.A. T'somala, A.A. Zamkov. Soob. AN Gruz. SSR 43 no. 1:159-164 Ji '66.

ELECTRIC MACHINERY

Specialized transducers for studying heat transfer in electric machinery and apparatus. G.G. Schastlivyi, V.N. Nikolaev, G.M. Fedorenko. Energ. i elek. no. 3: 34-35 My-Je '66.

ELECTRIC MACHINERY—ALTERNATING CURRENT

Transient processes in asynchronous machines with regulated transistor commutator. Sh. I. Lutidze. Elektrichestvo no. 7:39-44 Ji '66.

ELECTRIC MACHINERY, SYNCHRONOUS

Structural network of a synchronous generator feeding a linear balanced load. O.M. Kostin, Elektrichestvo no. 7:33-38 Ji '66.

Study of the magnetic field of the air gap of salient-pole synchronous machines using the method of harmonic admittances. A.I. Vol'dek. Elektrichestvo no. 7:48-52 Ji '66.

ELECTRIC MACHINERY INDUSTRY—MANAGEMENT

see subdivision under Novosibirsk

ELECTRIC MEASUREMENTS

Automatic compensation of eddy current instrument errors. G.M. Kukhtevich. Trudy Dnepr. inst. cher. met. 10:165-166 '65.

Device for separate indication of the antiphase and the equality of the amplitudes of two sinusoidal voltages. V.I. Skripnik, I.U. A. Skripnik. Mekh. i avtom. upr. no. 3:48-51 My-Je '66.

[Electric measuring instruments] Elektrozmeritel'nye pribory. Izd. of tsentral'noe. Moskva, Izd-vo Standartov, 1966. 442 p. diagrs. insert. (SSSR. Gosudarstvennye standarty)

ELECTRIC MEASUREMENTS—DICTIONARIES

[EKA; encyclopedia of measurements, control, and automation] EKA; ensiklopediya izmerenii, kontrolya i avtomatizatsii. Moskva, Energiia. No. 6, 1966. 63 p.

ELECTRIC METAL CUTTING

Bykhovskii, D.G. [Characteristics of using commercial nitrogen in gas-arc cutting] Osobennosti primeneniya tekhnicheskogo azota pri gazoelektricheskoi rezke. Leningrad, 1966. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnoe formoobrazovanie)

ELECTRIC MOTORS

Automatic stamping of rotor and stator plates of an electric motor. I.V. Bakhtin. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 6: 14-15 Je '66.

ELECTRIC MOTORS—RELIABILITY

Economically optimal reliability of electric traction motors. B.Z. Vainshtein. Soob. AN Gruz. SSR 43 no. 1:165-172 Ji '66.

ELECTRIC MOTORS—WINDINGS

Restoration of winding wires. I.A.D. Diodenko, E.D. Kravovich, A.K. Plakida. Energ. i elek. no. 3:22-23 My-Je '66.

ELECTRIC MOTORS, ALTERNATING CURRENT

How to connect a three-phase motor. B. Venopus. NTO 8 no. 6:15 Je '66.

ELECTRIC MOTORS, INDUCTION

Effect of the permeability of a solid rotor on the characteristics of an induction motor. A.N. Strel'nikov. Elektrichestvo no. 7:78-80 Ji '66.

Some aspects of the operation of a three-phase asynchronous motor in the case of asymmetric and nonsinusoidal voltages in the network. B.M. Piusheh, K.A. Abdurakhmanov. Izv. vys. ucheb. zav.; energ. 9 no. 7:48-53 Ji '66.

ELECTRIC MOTORS, INDUCTION—SAFETY MEASURES

Protection of asynchronous motors from phase loss. V.E. Bochkov. Energ. i elek. no. 3:24 My-Je '66.

ELECTRIC MOTORS, SYNCHRONOUS

Parasitic synchronous moments during the start of a synchronous reactive motor. V.V. Ralle. Energ. i elek. no. 3:47-49 My-Je '66.

Synchronous electric motors. L. Tarasov. Tekh. v sel'khoz. 28 no. 5:49-51 Je '66.

Wider use of the self-start of synchronous motors. I.U. M. Golodnov. Prom. energ. 21 no. 6:22-27 Je '66.

ELECTRIC NETWORKS

Upper harmonic currents in lighting networks. I.F. Ryabokrysa. Energ. i elek. no. 3:19-20 My-Je '66.

ELECTRIC OIL WELL DRILLING see Oil well drilling, Electric

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER DISTRIBUTION

Additions and changes to "Temporarily effective regulations on the determination of electrical loads of industrial enterprises." Prom. energ. 21 no. 6:43-45 Je '66.

Boikov, G.V. [Installation of flexible bus conductors in power distribution systems] Oshnovnye raspredelitel'nykh ustroystva gibkimi provodami. Moskva, Energiia, 1966. 103 p. (Biblioteka elektromontera, no. 196)

Choice of the voltage regulation law for the feed centers of power distribution networks. L.P. Padoiko, G.V. Pekelis. Elektrichestvo no. 7:7-9 Ji '66.

Composite frequency oscillations in high-tension lines. V.V. Sarajkin. Elektrichestvo no. 7:26-33 Ji '66.

Determination of the optimal size of electrical systems repair enterprises. V.E. Alerov. Prom. energ. 21 no. 6:8-12 Je '66.

Introduction of changes and additions to "Regulations for the installation of electrical systems"; decision No. 7/2-66. Prom. energ. 21 no. 6:42-43 Je '66.

Moscow. Energeticheskii institut im. G.M. Krzhizhanovskogo. [Problems of electric-power engineering] Problemy elektroenergetiki. Moskva, Nauka, 1966. 130 p.

Role of the compensation of the effect of the auxiliary wires in longitudinal differential protection of electric lines. V.L. Fabrikant, L.A. Orekhov. Elektrichestvo no. 7:9-12 Ji '66.

ELECTRIC POWER PLANTS

Power systems arrangement for the utilization of thermal waters. O.A. Kremenev, V.I.A. Zhuravlenko, A.V. Shurechov. Energ. i elek. no. 3:45-47 My-Je '66.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Vsesoyuznyi institut po proektirovaniu organizatsii energeticheskogo stroitel'stva "Orgenergostroi." [Bibliographic abstracts index; "Use of precast reinforced concrete elements in the construction of thermal electric power plants"] Bibliograficheski referativnyi ukazatel'. "Primenenie sbornykh zhelezobetonnykh konstruktov pri sooruzhenii teplovyykh elektrostani." Moskva, 1965. 200 p.

ELECTRIC POWER PLANTS—LIGHTING

Lighting of thermal electric power plants. I.A. N. Davydov. Energ. i elek. no. 3:17-18 My-Je '66.

ELECTRIC POWER PRODUCTION see subdivision under Ukraine; United States

ELECTRIC POWER SUPPLY TO APPARATUS

Pulse power supply with switching diodes for three-cycle ferrite and diode elements. P.S. Makurin, V.T. Razumnyi, G.I. Storozhenko. Mekh. i avtom. upr. no. 3:20-31 My-Je '66.

ELECTRIC PROSPECTING

Aerolelectric prospecting using long-cable method in geological mapping. E.F. Liubtseva. Vest. LGU 21 no. 12:40-51 '66.

ELECTRIC PROSPECTING (Continued)

Akademiya nauk URSS, Kiev. [Methods and apparatus for studying informational characteristics of electromagnetic fields in geophysics] Metody i apparatura dlia issledovaniia informatsionnykh kharakteristik elektromagnitnykh pol' v geofizike. Kiev [Naukova dumka] 1966. 202 p. (Respublikanskiy mezhvedomstvennyi sbornik. "Otbor i peredacha informatsii")

Comparative efficiency of vertical electrical sounding with induced polarization and symmetrical arrangements. IA. V. Markushin. Razved. i okh. nedr. 32 no. 4:58-60 Ap '66.

Moscow. Vsesoyuznyi nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki. [Album of graphs and nomograms on three-electrode laterolog] Al'bom pale paletok i nomogramov trekh-elektrodnogo bokovogo karotazha. Pod red. N. N. Sokhranov. Moskva, Nedra, 1965. 35 p.

[Text] 26 p.

Two-frequency dipole inductive profiling over a conductive half-space. V. I. Platinitskiy. Izv. vys. ucheb. zav.; geol. i razv. no. 6: 112-116 Je '66.

ELECTRIC PROTECTION

Conditions of the operation of valve-type dischargers in 750 kv. power transmission lines. A. I. Laroshenko. Elektrichestvo no. 7:12-17 Ji '66.

Directional relay using transistors for zero-sequence protection of noncompensated networks. IU. A. Gaevchenko, P. S. Golembiowski, I. T. Klimenko. Mekh. i avtom. upr. no. 3:44-47 My-Je '66.

Gelfand IA. S., M. L. Golubev, and M. I. Tsarev. [Relay protection and electric control using alternating operative current] Releinaia zashchita i elektroavtomatika na peremennom operativnom toke. Pod obshchey red. M. I. Tsareva. Moskva, Energiya, 1966. 287 p.

Noncontact protection of electric drives of reversible rolling mills. M. A. Braunshtein, A. A. Pivovarov. Mekh. i avtom. prozv. no. 7:36-39 Ji '66.

Ovcharenko, N. I., and others. [Use of galvanomagnetic elements in relay protection and automatic control] Primeneniye gal'vanomagnitnykh elementov v relinoi zashchite i avtomatike. Moskva, Energiya, 1966. 119 p. (Biblioteka po avtomatike, no. 181)

Role of the compensation of the effect of the auxiliary wires in longitudinal differential protection of electric lines. V. L. Fabrikant, L. A. Orekhov. Elektrichestvo no. 7:9-12 Ji '66.

Tubular dischargers. F. V. Bezrukov, IU. P. Galkin. Stand. i kach. 30 no. 3:95 Mr '66.

ELECTRIC RAILROADS—CURRENT SUPPLY

[Remote control of power supply systems of electrically operated railroads] Telemekhanika ustroystvami energosnabzheniya na elektrifitsirovannykh zheleznykh dorogakh. [By] T. E. Kheifits i dr. Moskva, Transport, 1966. 214 p. diagrs. (insert)

ELECTRIC RAILROADS—ELECTRIC EQUIPMENT

Karsh, N. A. [Semiconductor devices and their use in automatic and remote control installations of electric railroads] Poluprovodnikovyye pribory i ikh primeneniye v ustroystvakh avtomatiki i telemekhaniki elektricheskikh zheleznykh dorog. Moskva, Transport, 1966. 159 p.

Sokolov, S. D., V. N. Rudnev, and I. G. Mochenov. [Inverter-rectifier aggregates of electrified railroads] Invertorno-vypriamitel'nye agregaty elektrifitsirovannykh zheleznykh dorog. Moskva, Transport, 1966. 130 p.

ELECTRIC RAILROADS—POLES AND TOWERS

Goroshkov, IU. I., and L. T. Baranova. [Polymer materials in overhead contact systems] Polimernye materialy v kontaktnoi seti. Moskva, Transport, 1966. 129 p.

ELECTRIC RELAYS

Contactless device for two-phase voltage control. V. K. Kutsylo. Izv. vys. ucheb. zav.; energ. 9 no. 7:33-38 Ji '66.

Directional relay using transistors for zero-sequence protection of noncompensated network. IU. A. Gaevchenko, P. S. Golembiowski, I. T. Klimenko. Mekh. i avtom. upr. no. 3:44-47 My-Je '66.

[Directions on relay protection] Rukovodstvennye ukazaniya po relinoi zashchite. Moskva, Energiya.

No. 6. [Emergency arrangements for non-operation of 35 to 500 kw switches (compiled by the Energostel' projekt All-Union State Research and Design Institute)] Ustroystva rezervirovaniya pri otkaze vyklyuchatelei 35-500 kv (sostavleno Vsesoyuznym gosudarstvennym nauchno-issledovatel'skim i projektirovatskim institutom Energostel' projekt). 1966. 47 p.

Gelfand IA. S., M. L. Golubev, and M. I. Tsarev. [Relay protection and electric control using alternating operative current] Releinaia zashchita i elektroavtomatika na peremennom operativnom toke. Pod obshchey red. M. I. Tsareva. Moskva, Energiya, 1966. 287 p.

Golubev, M. L. [Straight action relay] Rele pramoogo del'stviya. Moskva, Energiya, 1966. 90 p. (Biblioteka elektromotera, no. 200)

Ovcharenko, N. I., and others. [Use of galvanomagnetic elements in relay protection and automatic control] Primeneniye gal'vanomagnitnykh elementov v relinoi zashchite i avtomatike. Moskva, Energiya, 1966. 119 p. (Biblioteka po avtomatike, no. 181)

Resistance relay with a composite characteristic. G. F. Dolizhe, T. G. Zedginidze. Elektrichestvo no. 7:100-82 Ji '66.

Vitenberg, M. I. [Calculation of electromagnetic relays for automatic control and communications apparatus] Raschet elektromagnitnykh rele dlia apparatury avtomatiki i svyazi. Izd. 3., perer. i dop. Moskva, Energiya, 1966. 722 p.

ELECTRIC RESISTANCE

Reactivity and electric resistance of gas coal coke. V. M. Strakhov, V. S. Arkhipov, V. G. Mitzin. Koka i khim. no. 5:34-37 '66.

ELECTRIC RESONATORS

Contribution to the theory of open cavities formed by parallel disks. A. T. Fialkovskiy. Dokl. AN SSSR 168 no. 6:1300-1302 Je '66.

ELECTRIC SUBSTATIONS

Underground transformer substations of the port wharves. B. Pain, G. Chernomordikov, M. Madis. Rech. transp. 25 no. 7:15-17 '66.

ELECTRIC WELDING

Arc welding of thick-walled low-carbon steel pipe for operation under a 180-320 gauge pressure. L. P. Levandiy, V. V. Eronin. Svar. prozv. no. 6:38-39 Je '66.

Contribution of the scientists of the Soviet Ukraine to the munitions industry during the Great Patriotic War, 1941-1945. M. M. Matifko. Ukr. ist. zhur. 10 no. 6:50-63 Je '66.

Potaplevskiy, A. G., V. F. Lapchinskiy, and A. E. Valnerman. [Pulsation-arc welding of aluminum alloys] Impul'sno-dugovaya svarka aluminiovyykh splavov. Leningrad, 1966. 44 p. (Leningradskiy dom nauchno-tehnicheskoy propandandy. Nauchno-tehnicheskii opyt. Seriya: Progressivnoye formoobrazovanie)

Resistance butt welding of thin-walled aluminum and copper tubes. R. Karaman. Prom. Arm. 9 no. 5: 37-39 My '66.

Snap foam improves building-up. Izobr. i rats. no. 6: 12 Je '66.

Using the method of protective atmospheres for bright welding of parts. N. Volobueva. Prom. Arm. 9 no. 6: 36-37 My '66.

Welding section in a repair rolling mill. K. V. Grachev and others. Nef. khoz. 44 no. 6:68-68 Je '66.

ELECTRIC WELDING—ECONOMIC ASPECTS

Increasing the economic efficiency of welding by electric riveting. L. A. Dobrokravshin, N. M. Budnik, V. T. Zolotykh. Svar. prozv. no. 6:27-28 Je '66.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Arc pressure in electric rivet welding with deep fusion. A. IA. Brodskiy, L. N. Skorokhodov. Svar. prozv. no. 6:14-16 Je '66.

Arc welding of heat resistant steel. V. S. Stroeve, N. A. Tarkhov, D. V. Vitman. Svar. prozv. no. 6:24-26 Je '66.

Automatic welding of pipe of Kh5M-U steel. S. N. Vivalik, M. R. Nikolaenko, V. P. Khazin. Svar. prozv. no. 6: 28-31 Je '66.

Determining the static characteristics of self-adjusting systems in the welding process with short-circuiting of the arc. I. R. Patskevich, A. M. Popkov. Svar. prozv. no. 6:18-20 Je '66.

Effect of hydrogen on pinhole formation in argon-arc welding of titanium. V. V. Frolov, A. I. Gorshkov. Svar. prozv. no. 6:7-10 Je '66.

Electric rivet welding of a thin-walled lining to bent sections. A. IA. Pol'tov, A. F. Solvak. Svar. prozv. no. 6:38-40 Je '66.

Eliminating the negative effect in the operation of electronic time relays on direct-current contact machines. IU. D. Potapov, A. P. Khokhushin, G. I. Sharov. Svar. prozv. no. 6:42 Je '66.

Goncharov, G. I., and S. I. Kutkovskiy. [Experience in the unification and standardization of electrodes for resistance welding in instrument manufacture] Opyt unifikatsii i normalizatsii elektrodov dlia kontaktnoi svarki v priborostroenii. Leningrad, 1966. 18 p. (Leningradskiy dom nauchno-tehnicheskoy propandandy. Proizvodstvennyi opyt. Seriya: Progressivnoye formoobrazovanie)

Holders for the A-637, PDPG-300, and PDPG-500 semi-automatic machines for welding in carbon dioxide. V. I. Shishko, V. P. Fomin. Svar. prozv. no. 6:42 Je '66.

Modernized equipment for the spot welding of delicate instruments. E. I. Komarov. Svar. prozv. no. 6:41 Je '66.

Peculiarities of automatic welding in carbon dioxide with a composite electrode. A. I. Akulov, V. V. Spiteyn, G. G. Chernyshev. Svar. prozv. no. 6:31-33 Je '66.

Unifying equipment for automatic arc welding. M. I. Buranov. Stand. i kach. 30 no. 3:26-33 Mr '66.

ELECTRICITY—PHYSIOLOGICAL EFFECT

Study of the mitotic activity in the epithelium of the small intestine during a prolonged effect of electric current and adrenaline on the body. V. V. Korlov. Sbor. nauch. trud. SOGMI no. 11:246-256 '64.

ELECTRICITY IN AGRICULTURE

Comments of an electrician. A. Ganelin. Tekh. v sel'khoz. 26 no. 6:44-45 Je '66.

ELECTRICITY IN MINING

Gimel'sheyn, L. IA. [Electrician servicing automatic installations] 'Elektritslesar' po obsluzhivaniyu avtomaticheskikh ustanovok. Moskva, Nedra, 1966. 274 p.

Gladilin, L. V., ed. [Insulation of underground electric mine installations and electric anticy] Izolatsiya podzemnykh elektromontanovok shakht i elektrobezopasnost'. [By] L. V. Gladilin i dr. Moskva, Nedra, 1966. 261 p.

ELECTRIFICATION see subdivision under Ukraine

ELECTRIFICATION—BIBLIOGRAPHY see Bibliography—Electrification

ELECTRIFICATION—ECONOMIC ASPECTS

[Power industry in the national economy in the plan of the State Commission for the Electrification of Russia] Energetika narodnogo khozaystva v plane GOELRO. Moskva, Ekonomika, 1966. 253 p.

ELECTROCHEMISTRY—LABORATORY MANUALS

Levin, A. I., and A. V. Ponomarev. [Laboratory work in theoretical electrochemistry] Laboratornyy praktikum po teoreticheskoi elektrokhemii. Moskva, Metallurgiya, 1966. 204 p.

ELECTROCHEMICAL RESPONSE see Galvanic skin response

ELECTRODYNAMICS

Derivation of equations for Hertz potentials and currents in the electrodynamics of moving media. R. N. Litvinov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 1:61-61 Ji '66.

Radiation of a charge moving through a randomly inhomogeneous medium. G. A. Bogdanovskiy, II. B. Litvinov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:67-69 Je '66.

ELECTROENCEPHALOGRAPHY

Activity of neurons of the bulbar pressure structures in reflexes from the mechanoreceptors of the urinary bladder and afferent fibers of the tibial nerve. A. M. Blinov, N. K. Savudzhov, F. D. Shelkhen. Biol. eksp. biol. i med. 53 no. 7:8-12 Ji '66.

Alcohol intoxication as a cause of functional lesions of electrophysiological and behavioral criteria. A. M. Ivanitskiy, Z. G. Turova. Zhur. vys. nerv. deiat. 13 no. 4:708-717 Ji-Ag '66.

Antagonism of 5-hydroxytryptophan to amine and tryptamine based on EEG data. R. H. Ontcharenko. Biol. eksp. biol. i med. 61 no. 4:66-61 Ap '66.

Change in evoked potentials in the auditory zones of the cortex in dogs during the orientation reflex. G. M. Luk'yanova. Fiziol. zhur. [Ukr.] 12 no. 4:432-449 Ji-Ag '66.

Changes in the asymmetry of EEG waves during different functional states under normal conditions. E. B. Artem'eva, B. D. Khomskaya. Vop. psikhol. 12 no. 3:74-84 My-Je '66.

Changes in the electric excitability of nonpolarized structures of the brainstem in experimental cerebral ischemia. M. A. Lapitskiy. Trudy TSU no. 26-29 '66.

Comparative electrophysiological characteristics of trace conditioned reflexes in man with short and long intervals between conditioned and reinforced stimuli. V. M. Vasil'eva, V. F. Konovalev. Zhur. vys. nerv. deiat. 13 no. 4:603-610 Ji-Ag '66.

Comparative electrophysiological analysis of the changes in the liability of the components of cortical evoked potential in the postnatal ontogeny. P. R. Anashin. Fiziol. zhur. 50 no. 7:773-778 Ji '66.

Correlation analysis of reaction of adoption of fixed rhythm in human electroencephalogram. G. N. Belyakova. Zhur. vys. nerv. deiat. 16 no. 4:661-613 Ji-Ag '66.

Devices for recording electrical activity and cerebral excitation in untrained animals. A. D. Novitskiy, V. L. Potcher. Zhur. vys. nerv. deiat. 16 no. 4:613-619 Ji-Ag '66.

Differences in extinction of activation reactions to indifferent sounds in young and old rabbits. II. G. Kratin. Zhur. vys. nerv. deiat. 16 no. 4:604-608 Ji-Ag '66.

Dynamics of summary bioelectric activity of brain in man during sleep. A. N. Shepovarnikov. Zhur. vys. nerv. deiat. 16 no. 2:600-707 Ji-Ag '66.

Effect of extracellular polarization of single neurons of sensorimotor cerebral cortex in rabbits on their evoked activity. L. L. Voronin. Zhur. vys. nerv. deiat. 16 no. 4:667-677 Ji-Ag '66.

ELECTROENCEPHALOGRAPHY (Continued)

- Electric activity of the brain during experimental exclusion of the cerebral vessels. Sh. I. Bibileishvili. Trudy TSU 81: 3-7 '65.
- Electric activity of various sections of brain in cats during high outside temperatures. O. V. Levchuk. Zhur. vys. nerv. delat. 16 no. 4:717-725 JI-Ag '66.
- Electrophysiological changes in the brain of rats affected by the psychotropic preparation VL-2. A. F. Semikhina, D. D. Ivanov, A. N. Golubitsa. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:88-92 '66.
- Evoked potentials from the paleocerebellar structures of the cerebellum in cats. R. A. Grigor'yan. Fiziol. zhur. 50 no. 7:784-792 JI '64.
- Excitation level, its reflexion in electroencephalogram and correlation with behavior reactions in rabbits. Report No. 1: Changes in electroencephalogram under different physiological conditions. B. I. Kotlar, L. V. Kaluzhnyi. Zhur. vys. nerv. delat. 16 no. 4:611-616 JI-Ag '66.
- Experience in the use of electroencephalography during anesthesia. T. S. K. Borzhievskii. Sov. med. 28 no. 5: 96-99 My '66.
- Periodicity of spontaneous activity of individual neuron. N. N. Danilova. Zhur. vys. nerv. delat. 16 no. 4:678-682 JI-Ag '66.
- Primary cortical potentials in cats evoked by acoustic stimuli and their changes in hypoxia. E. V. Bondarev. Fiziol. zhur. 50 no. 7:770-783 JI '64.
- Some data on the electrical activity of the deep structures of the brain in the study of operative memory. N. P. Bekhtereva, A. I. Trokachev. Vop. psikh. 12 no. 3:44-48 My-Je '66.
- Stability of cerebral electrical activity in healthy persons. S. Zh. Tiedin. Zhur. nevrol. psikh. 66 no. 8:1152-1158 '66.
- Undimensional distribution of electrocorticogram of the visual cortex in rabbits. K. Grinevich and others. Zhur. vys. nerv. delat. 16 no. 4:726-728 JI-Ag '66.

ELECTROHYDRAULIC EFFECT

- Using electrohydraulic effect for shakeout of castings. G. D. Kharlan. Tekh. i org. protzv. no. 1:38-41 Ja-F '66.

ELECTROKYMNOGRAPHY

- Marnershteyn, S. I. A., and E. E. Abarbanol'. [Pulmonary electrokymnography] Elektrokymnografiya legkikh. Moskva, Meditsina, 1966, 103 p. (DNLN)

ELECTROLYTE METABOLISM

- Effect of unlithol on the electrocardiogram and some indices of the electrolyte metabolism in the treatment of manifestations caused by an overdose of cardiac glycosides. V. I. Maslitskiy, L. P. Burnistrova, A. A. Pogostan. Sov. med. 28 no. 5:62-67 My '66.

ELECTROLYTE SOLUTIONS

- Contribution to the theory of electrokinetic phenomena in thin layers of electrolyte solutions. N. V. Churayev, B. V. Dorogin. Dokl. AN SSSR 169 no. 2:399-399 JI '66.

ELECTROLYTE SOLUTIONS—TESTING

- Control of electrolysis baths by the method of oscillographic polarography with the use of solid electrodes. B. S. Gorodetskii. Zashch. met. 2 no. 3:353-357 My-Je '66.

ELECTROLYTES

- Polyelectrolytes based on copolymers of α -phenylvinyl-phosphonic acid. A. B. Aloyidinov, A. S. Tevlina, G. S. Kolesnikov. Plast. massy no. 8 '66.

ELECTROLYTIC CELLS

- Methods for studying groundings in an electrolytic tank. Kh. Kh. Reba. Prom. energ. 21 no. 6:27-32 Je '66.

ELECTROLYTIC CORROSION

- Corrosion effect of a commercial-frequency (50 hertz) alternating current on stainless 1Kh18N9T steel in neutral solutions. M. A. Tolstaya. Zashch. met. 2 no. 3: 323-330 My-Je '66.
- Persistent long-range action of anodic protection in finite length tubes. V. A. Timonin, M. N. Fokin. Zashch. met. 2 no. 3:307-311 My-Je '66.

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC FIELDS

- Akademiya nauk URSS. Kiev. [Methods and apparatus for studying informational characteristics of electromagnetic fields in geophysics] Metody i apparatura dlya issledovaniya informatsionnykh kharakteristik elektromagnitnykh pol'ev v geofizike. Kiev (Naukova dumka) 1966, 202 p. (Respublikanskiy mezhdunarodnyy sbornik. "Obzor i poradacha informatsii")
- Magnetoionicospheric perturbations correlating with anomalous absorption in polar cap. N. A. Katslavskii, V. S. Matsabridze, G. M. Khocholava. Nek. vop. issl. elektromag. pol. Zeml. no. 1:52-61 '65.
- Study of variations of intensity of cosmic rays based on materials of world network of IQY stations and some problems of its comparison with phenomena of electromagnetic complex in August 1958. A. M. Chkhettia. Nek. vop. issl. elektromag. pol. Zeml. no. 1:105-117 '65.

- Unsteady field of the magnetic dipole for the three simple types of a geoelectrical cross section. F. M. Kamenetskii, L. V. Molotov, P. P. Makagonov. Izv. vys. ucheb. zav.; geol. i razv. 6 no. 6: 101-111 Je '66.

ELECTROMAGNETIC FIELDS—BIBLIOGRAPHY see Bibliography—Electromagnetic fields

ELECTROMAGNETIC FIELDS—MATHEMATICAL MODELS

- Ryazanov, G. A. [Experiments and modeling of electromagnetic fields] Opyty i modelirovaniye pri izuchenii elektromagnitnogo polya. Moskva, Nauka, 1966. [Supplement] Prilozhenie. p. 194-208.

ELECTROMAGNETIC WAVES

- Absorption of electromagnetic waves in the 3-7.5 mm band by the earth's atmosphere. S. A. Zhevakina, A. P. Naumov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:433-450 '66.
- Contribution to the theory of the propagation of electromagnetic waves in a limited plasma. B. T. Korotkiy. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3: 479-488 '66.
- Disintegrated wave interaction in magnetoactive plasma. N. P. Giorgadze, E. M. Khirsell, N. L. TSitsadze. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:489-495 '66.
- Effect of electromagnetic waves on the physical properties of water in the flotation of minerals. I. N. Plakshin, R. Sh. Shaferov, V. A. Chanturia. Fiz.-tekhn. probl. razrab. pol. lek. no. 3:116-119 '66.
- Effective length of the path and the mean temperature of the atmosphere. A. G. Kisliakov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3: 451-461 '66.
- Electromagnetic waves in metals in a magnetic field. E. A. Kaner, V. G. Skobov. Usp. fiz. nauk 89 no. 3: 387-408 JI '66.
- Kinetic theory of electromagnetic wave reflection from a moving plasma. V. I. Mironichenko. Izv. vys. ucheb. zav.; radiofiz. 9 no. 4:566-574 '66.
- Penetration of an electromagnetic field into magnetoactive plasma. I. U. V. Bogomolov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:462-468 '66.
- Self-focusing of electromagnetic waves in an isotropic plasma. A. G. Litvak. Izv. vys. ucheb. zav.; radiofiz. 9 no. 4:575-580 '66.
- Self-focusing of electromagnetic waves in anisotropic nonlinear media. A. G. Litvak. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:620-631 '66.
- Silin, R. A., and V. P. Sazonov. [Slow-wave systems] Zamedlennyye sistemy. [Moskva] Sovetskoye radio, 1966, 681 p.

- Some characteristics of the ray theory of propagation of cylindrical and spherical waves in a weakly inhomogeneous plasma. Part 2. I. I. Orlov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 4:557-565 '66.

- Some special features of the ray theory of the propagation of cylindrical and spherical waves in a weak inhomogeneous plasma. I. I. Orlov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:497-505 '66.

ELECTROMAGNETIC WAVES—DIFFRACTION

- Diffraction of electromagnetic waves on metal gratings with anisotropic dielectric. V. A. Baranovskii. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:588-594 '66.
- Diffraction of the field of a longitudinal dipole radiator on two parallel circular cylinders. E. A. Ivanov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:551-575 '66.

ELECTROMAGNETISM

- Radiation of a charge moving through a randomly nonhomogeneous medium. G. A. Beginalskii, I. U. S. Monin. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:527-529 '66.

ELECTROMAGNETS

- Graphical solution of problems of the dynamics of d, c, electromagnets using time intervals. V. N. Gurnitskii. Elektricheskoye no. 7:44-48 JI '66.

ELECTROMYOGRAPHY

- Nature of the effect of the inhibitory nerve on the adductor muscle of the claw in crayfish. V. G. Oveshkin. Biol. eksp. biol. i med. 61 no. 4:10-15 Ap '66.
- Some clinical and electromyographic correlations in patients with parkinsonism. M. G. Voron. Trudy TSU 81:13-20 '65.
- Ventrolateral nuclei of thalamus in motor analyzer activity as related to stereotactic surgery. B. I. Vilen'. Dokl. AN BSSR 10 no. 7:518-521 JI '66.

ELECTRON BEAMS

- Frequency doubling of converging and partially coherent light beams. G. I. Freidman. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:550-550 '66.
- Role of a space charge in the case of intensification of the noise orbits on individual electrons in a high-frequency quadrupole field. V. A. Vanko, V. B. Magalinskii. Izv. vys. ucheb. zav.; radiofiz. 9 no. 4:831-834 '66.

ELECTRON DIFFRACTION EXAMINATION

- Electron diffraction investigation of the structure of a chlorosulfonic acid dimethylamide molecule in the vapor stage. L. V. Vilkov, I. A. Khargittal. Dokl. AN SSSR 168 no. 5:1055-1058 Je '66.

ELECTRON MICROSCOPY

- Device for enlargers for imprinting from negatives obtained during electron microscopy. I. U. P. Pokhitanov. Lab. delo. no. 5:314-316 '66.
- Electron microscope study of multigraft copolymers. V. V. Korshak and others. Vyssokom. soed. 8 no. 6:1355-1367 Ag '66.
- Electron microscopic and cytochemical study of hemolytic streptococcus. L. N. Kats, O. I. Vvedenskaya. Zhur. mikrobiol., epid. i immun. 43 no. 8:113-115 Ag '66.
- Electron-microscopic study of potassium chloride crystals by transillumination. G. I. Natselishvili, N. G. Politov, S. F. Getis. Elektron. i ion. prota. v tver. tel. no. 2:45-52 '65.
- Electron microscopic study of the adaptation process of cells in cultures in vitro. V. A. Shuklinov, N. D. Oaynkova, V. P. Kozlov. Fiziol. zhur. [Ukr.] 12 no. 4:544-547 JI-Ag '66.
- Rokhsinskaia, L. G. [Atlas of electron photomicrographs of clay minerals and their natural associations in sedimentary rock] Atlas elektronnykh mikrofotografii glinitnykh mineralov i ikh prirodnykh assotsiatsii v osadочnykh porodakh. Moskva, Nedra, 1966, 229 p.
- Submicroscopical structure of Pasteurella pestis Holland. L. N. Kats. Zhur. mikrobiol., epid. i immun. 43 no. 7: 84-85 JI '66.

ELECTRON PARAMAGNETIC RESONANCE

- The bottleneck effect in paramagnetic relaxation. G. R. Khutsishvili. Elektron. i ion. prota. v tver. tel. no. 2: 63-71 '65.
- Effect of the adsorption of nonparamagnetic compounds on oxidized and graphitized blacks on their electron paramagnetic resonance spectrum. A. V. Kiselev, G. A. Kozlov, V. I. Lygin. Koll. zhur. 28 no. 3:504-408 My-Je '66.
- Electron paramagnetic resonance and optical absorption in lithium fluoride crystals irradiated with neutrons. A. I. Dzhorzhishvili and others. Elektron. i ion. prota. v tver. tel. no. 2:19-26 '65.
- Electron paramagnetic resonance spectra of substituted ortho- and para-biphenols. V. A. Khizhnyi, V. D. Pokhodenko. Dop. AN URSS no. 7:912-917 '66.
- Electron spin exchange in solutions of Cu (II) complexes with nitrogen-containing ligands. K. I. Zamiatina, V. V. Voevodskii. Dokl. AN SSSR 169 no. 2:385-388 JI '66.
- Highly unsaturated polymers. Report No. 18: Electron paramagnetic resonance spectra of polyazo polymers. N. M. Zhabin and others. Izv. AN SSSR, Ser. Khim. no. 7:1154-1159 '66.

- More about the structure of some anion-radicals of aromatic hydrocarbons. V. M. Kazakova, L. K. Syrkina. Izv. AN SSSR, Ser. Khim. no. 7:1270-1271 '66.

- Rarefied flames of sulfur vapors studied by the electron paramagnetic resonance method. E. N. Sarkisyan, V. V. Azatian, A. B. Nalbandian. Dokl. AN SSSR 168 no. 6:1354-1355 Je '66.

- Study of electron paramagnetic resonance spectra of tumorous tissues. M. M. Petinay and others. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:93-95 '66.

ELECTRON-TUBE AMPLIFIERS see Amplifiers, Electron-tube

ELECTRON-TUBE OSCILLATORS see Oscillators, Electron-tube

ELECTRONIC ANALOG COMPUTERS

- Construction of a random functions generator for modeling diffusion-type Markov processes using analog computers. A. N. Kabalevskii, R. Sh. Lipisier. Avtom. i telem. no. 6:171-177 '66.

- Modification of a method for combining derivatives. S. Bingulara. Avtom. i telem. no. 6:143-143 '66.

ELECTRONIC APPARATUS AND APPLIANCES—EXHIBITIONS

- An International "organizational technology" exhibition in Sokolniki. V. Rozen. Nov. vrem. 24 no. 38:28-29 S '66.

ELECTRONIC APPARATUS AND APPLIANCES—RELIABILITY

- Idle reservation taking into account switching time. Akhmed Omar, Iusef Nasr. Izv. AN SSSR, Tekh. kib. no. 3:94-96 My-Je '66.
- Reliability of systems with majority elements. V. M. Ozernoi. Izv. AN SSSR, Tekh. kib. no. 3:97-98 My-Je '66.

ELECTRONIC CIRCUITS

- Apakhvan, T. M. [Electronic circuits and nonlinear pulse amplifiers] Elektronnyye khruchi i nelineinye impul'snye usiliteli. Moskva, Sovetskoye radio, 1966, 358 p.
- Universal module for constructing logical circuits for automatic control systems. B. K. Borisov, P. I. Popov. Elektricheskoye no. 7:52-55 JI '66.

ELECTRONIC COMPUTERS (see also subdivision under Europe, Eastern)

- Normal algorithms and the Turing machines. G. V. Babikov. Mat. zap. Ural. mat. ob-va URGU 5 no. 1:10-14 '65.

ELECTRONIC COMPUTERS (Continued)

Special-purpose technical electronic computer is calculating. M. Partenov. NTO 8 no. 8:39 Je '68.

Synthesis of composite systems realizing arithmetic operations in a system of residual classes. I. P. Sobornikov. Izv. AN SSSR, Tekh. kib. no. 2:49-58 Mr-Apr '68.

ELECTRONIC COMPUTERS—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref. zhur.: Avtom., telem. i vych. tekhn. no. 7 Ji '68.

[Journal of abstracts: Cybernetics] Ref. zhur.: Kib. no. 6 Je '68.

ELECTRONIC COMPUTERS—INPUT-OUTPUT EQUIPMENT

Continuous-discrete transducers and integrators for controlling the technological parameters of a converter process. V. V. Karnaukhov and others. Mekh. i avtom. upr. no. 3:39-42 My-Je '66.

ELECTRONIC COMPUTERS—MEMORY SYSTEMS

Long-term memory device. F. N. Zykov, G. I. Krivich, S. K. Petrusenko, Mekh. i avtom. upr. no. 3:23-26 My-Je '66.

ELECTRONIC CONTROL

Eliminating the negative effect in the operation of electronic time relays on direct-current contact machines. I. U. D. Potapov, A. P. Khokhushin, G. I. Sharov. Svar. proizv. no. 6:42 Je '66.

ELECTRONIC DATA PROCESSING

Lukin, V. V., and M. I. Savitski. [Put computing machines in the service of economy] Vychisl'nulutekhnika na sluzhbu ekonomitsy. Minsk, Belarus', 1968. 22 p. (U dapanohu vyvuchaluchym ekonomiku, no. 11)

ELECTRONIC DATA PROCESSING—ADSORPTION

Computation of the parameters of microporous structure of active coals by means of digital computers. I. U. S. Lezin, M. M. Dubinin. Dokl. AN SSSR 168 no. 5:104-106 Je '66.

ELECTRONIC DATA PROCESSING—BESSEMER PROCESS

Operational analysis of oxygen-blown converter production of steel using the "Dnepr" digital computer. I. S. Maslov and others. Mekh. i avtom. upr. no. 3:3-4 My-Je '66.

ELECTRONIC DATA PROCESSING—CHEMICAL PLANTS

Optimization of complex chemical plants. G. M. Ostrovskii. Izv. AN SSSR, Tekh. kib. no. 3:71-79 My-Je '66.

ELECTRONIC DATA PROCESSING—COAL MINES AND MINING

Selection of optimum variants in developing new levels in steeply pitching seam series with the help of electronic digital computers. P. I. Poljakov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:59-69 '66.

ELECTRONIC DATA PROCESSING—DAMPING (MECHANICS)

Studying the electromechanical system with spring shock absorber by means of an electronic model. V. I. Bol'shakov. Trudy Dnepr. inst. cher. met. 19:150-154 '65.

ELECTRONIC DATA PROCESSING—EARTHQUAKES AND BUILDING

Using modern electronic computers for solving certain problems of the theory of seismic stability. E. E. Khachlian, L. B. Babatan. Inzh. seism. no. 3/4:103-109 '66.

ELECTRONIC DATA PROCESSING—ELECTRIC DRIVING

Studying the URV-D (controlled rectifier) system of drive for a continuous mill stand by means of an electronic model coupled with a real unit of the system. S. D. Grinberg, I. U. P. Karpinski, V. A. Chigrinski, Trudy Dnepr. inst. cher. met. 19:119-127 '65.

ELECTRONIC DATA PROCESSING—ELECTRIC POWER DISTRIBUTION

Specialized computers for calculating economical distribution of active loads in electric power systems. S. A. Ginzburg, A. N. Slavovskii, V. D. Shilovovich. Elektrichestvo no. 7:85-89 Ji '66.

Use of a digital computer in studying the maximum efficiency of electric transmission lines. G. E. Pospelov, L. L. Chervinski. Izv. vys. ucheb. zav.; energ. 9 no. 7:107-112 Ji '66.

ELECTRONIC DATA PROCESSING—GAS DISTRIBUTION

Operational prediction of gas consumption graphs using electronic computers. I. U. S. Kononov, I. B. Kugelovich, V. P. Petrenko. Gaz. prom. 11 no. 6:17-19 '66.

ELECTRONIC DATA PROCESSING—HEART—EXAMINATION

Analysis of cardiople data by means of the "Ural-1" electronic digital computer. R. Z. Amirov and others. Biol. eksp. biol. i med. 62 no. 7:108-112 Ji '66.

ELECTRONIC DATA PROCESSING—INDUSTRIAL ELECTRIC TRUCKS

Physical and electronic modeling of the electromechanical systems of metallurgical equipment. S. N. Kozhevnikov, V. F. Peshat, E. S. Mukhopad. Trudy Dnepr. inst. cher. met. 19:30-43 '65.

ELECTRONIC DATA PROCESSING—INDUSTRIAL MANAGEMENT

Using electronic computers for mechanization of planning and economic estimates. S. K. Potemkin, V. P. Khaikin. Tekh. i org. prozv. no. 1:87-90 Ja-F '66.

ELECTRONIC DATA PROCESSING—PATENT LICENSES

Automatic indexing of the patent publications. V. A. Moskvich. Vop. izobr. no. 5:30-33 My '66.

ELECTRONIC DATA PROCESSING—PNEUMATIC GAUGES

Using electronic digital computers in calibrating pneumatic instruments. M. I. Golovin, A. P. Tunakov. Izv. vys. ucheb. zav. i tekhn. 9 no. 2:126-129 '66.

ELECTRONIC DATA PROCESSING—PSYCHIATRY

Cybernetics, technique of electronic computation and psychiatry. B. D. Dmitriev. Zhur. nevro. i psikh. 66 no. 8:1272-1277 '66.

ELECTRONIC DATA PROCESSING—RAILROADS—TRAFFIC

Grishin, M. S. [Using electronic digital computers for calculating the through-put capacity of railroad runs] Raschet na elektronnoi tsifrovoy vychislitel'noi mashine propusknoi sposobnosti peregonov zheleznitskikh dorog. Moskva, Transport, 1968. 39 p.

ELECTRONIC DATA PROCESSING—RAILROADS, INDUSTRIAL

Studying the maneuverability of car scales with the help of an electronic model. S. N. Kozhevnikov and others. Trudy Dnepr. inst. cher. met. 19:4-11 '65.

ELECTRONIC DATA PROCESSING—REINFORCED CONCRETE PRODUCTS

Programmed control of the conditions of heat and moisture treatment. K. N. Solovayev, B. I. Kudria. Mekh. i avtom. prozv. 20 no. 7:40 Ji '66.

ELECTRONIC DATA PROCESSING—ROLLING MILLS

Dynamic investigation of a 1300 blooming mill manipulator with a reducerless transmission by means of an electronic modeling machine. S. N. Kozhevnikov and others. Trudy Dnepr. inst. cher. met. 19:91-102 '65.

Investigating by means of an electron model the work of an automatic precise stopping system for a reversing cold rolling mill. E. G. Skuratov, V. I. Bol'shakov, V. S. Moroz. Trudy Dnepr. inst. cher. met. 19:173-179 '65.

ELECTRONIC DATA PROCESSING—SCIENCE

Akademiya nauk SSSR. Institut istorii estestvoznaniya i tekhniki. [Use of electronic computers in research on history of science and technology] Primenenie elektronno-vychislitel'nykh ustroystv v issledovaniakh po istorii nauki i tekhniki. Moskva, Nauka, 1966. 160 p.

ELECTRONIC DATA PROCESSING—STRIP MINING

Studying the optimum direction for the development of operations in strip mines with the help of electronic computers. A. I. Arsen'tev, N. D. Bezz, E. I. Sologub. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:107-115 '66.

ELECTRONIC DATA PROCESSING—TECHNOLOGY

Akademiya nauk SSSR. Institut istorii estestvoznaniya i tekhniki. [Use of electronic computers in research on history of science and technology] Primenenie elektronno-vychislitel'nykh ustroystv v issledovaniakh po istorii nauki i tekhniki. Moskva, Nauka, 1966. 160 p.

ELECTRONIC DATA PROCESSING—TRIANGULATION

Algorithm for making the graphic part of a triangulation plan on electronic digital computers. G. N. Tetelin. Trudy NIIGAIK 18 no. 1:57-64 '64.

Evaluating the accuracy of triangulation nets when leveling them on electronic digital computers. Z. M. Iurshanskii. Trudy NIIGAIK 18 no. 1:49-55 '64.

ELECTRONIC DIGITAL COMPUTERS

Algorithm of the simplification of Boolean functions using universal digital computers. E. V. Gerts, G. V. Kreinin, M. A. Poltakova. Izv. AN SSSR, Tekh. kib. no. 2:59-64 Mr-Apr '66.

ELECTRONIC DIGITAL COMPUTERS—CIRCUITS

Model of a digital computer using cryotrons with program control. I. A. S. Kan, G. A. Mikhailov, V. A. Rakhubovskii. Mekh. i avtom. upr. no. 3:19-23 My-Je '66.

ELECTRONIC DIGITAL COMPUTERS—INPUT-OUTPUT EQUIPMENT

Alphabetic and numerical output of the controlling digital computer. K. N. Svidler, M. G. Rozenblum. Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 0:19-20 Je '66.

ELECTRONIC DIGITAL COMPUTERS—MEMORY SYSTEMS

Vsesoyuznoe soveshchaniye po magnitnym elementam i matematiki i vychislitel'noi tekhnike. 9th, Moscow, 1963. [Magnetic digital elements] Magnitnye tsifrovye elementy. Moskva, Nauka, 1965. 315 p. (NIP)

ELECTRONIC INSTRUMENTS

Modernized equipment for the spot welding of delicate instruments. E. I. Komarov. Svar. proizv. no. 6:41 Je '66.

ELECTRONIC MUSICAL INSTRUMENTS see Musical Instruments, Electronic

ELECTRONICS see subdivision under United States

ELECTRONOGRAPHY see Electron diffraction and electron microscopy

ELECTRONS

Correlation energy of electrons in atoms. A. D. Gurev, I. I. Melnik. Soob. AN Gruz. SSR 43 no. 1:45-55 Ji '65.

Magnetism of conductivity electrons in nontransition polyvalent metals. B. I. Verkhin, I. V. Sverdlovskiy, L. B. Kuz'micheva. Zhur. eksp. i teoret. fiz. 50 no. 3 1435-1444 My '66.

Nonlinear and relativistic effects on the radiation of a periodic sequence of electron clusters. D. A. Zaslavskiy, G. P. Filimonov. Izv. vys. ucheb. zav. i tekhn. 9 no. 4:778-785 '66.

Pulse electron injector. S. D. Goriachev, I. N. Medvedev. Atom. energ. 21 no. 1:43-44 Ji '66.

Reflection of 250 - 1200 Kev. electrons. E. M. Buzik. Atom. energ. 21 no. 1:42-43 Ji '66.

ELECTRONS—SCATTERING

Relativistic electron scattering by nuclei with arbitrary spin. M. S. Marinov. Izv. fiz. 4 no. 3:120-126 Ag '66.

ELECTRONS—SPECTRA

Electron transition into a continuous spectrum. V. I. Onherov. Dokl. AN SSSR 168 no. 6:1201-1203 Je '66.

Quantum electron spectra of metal derivatives of tetrabenzoacetylene and phthalocyanine. A. N. Zaslavskiy and others. Dokl. AN SSSR 169 no. 1:77-79 Ji '66.

ELECTROOSMOSIS

Thermodynamics of electrokinetic phenomena. Part 1. I. Gyarmati, J. Sandler. Koll. zhur. 20 no. 3:311-372 My-Je '66.

ELECTROPHORESIS

Chromatoelectrophoretic determination of free amino acids in human serum. V. D. Holmullik, S. D. Husein. Fiziol. zhur. [Ukr.] 12 no. 4:500-502 Ji-Apr '66.

Determination of haptoglobin types in liquid blood during horizontal electrophoresis in starch gel. R. N. Zaslavskiy. Sud.-med. eksp. 0 no. 3:34-37 Ji-Apr '66.

Electrophoresis of normal cerebrospinal fluid in agar gel. I. Chankov. Lab. delo. no. 5:206-208 '66.

Electrophoretic velocity of colloidal particles during the moving boundary method. A. Kumar, P. Bhattacharya, A. Bhattacharya. Koll. zhur. 20 no. 3:316-319 My-Je '66.

Quantitative determination of blood plasma ferritin using the method of electrophoresis in agar gel. V. V. Ukhov. Lab. delo. no. 5:260-274 '66.

Thermodynamics of electrokinetic phenomena. Part 1. I. Gyarmati, J. Sandler. Koll. zhur. 20 no. 3:311-372 My-Je '66.

ELECTROPHORESIS—THERMODYNAMICS

Thermodynamics of electrokinetic phenomena. Part 1. I. Gyarmati, J. Sandler. Koll. zhur. 20 no. 3:311-372 My-Je '66.

Analysis of the stimulating effect of half- and full-wave rectified current of various frequency. L. S. Babitskiy. Biol. eksp. biol. i med. 61 no. 4:120-122 Ag '66.

Changes in EKG, ECG and in the processes of heart coagulation in heparin treatment of coronary atherosclerosis. L. I. Aleksova, A. A. Novikov. Sovetsk. 29 no. 7:114-116 Ji '66.

Electric activity of solitary neurons of the sympathetic ganglia in frogs. V. I. Skok, L. A. Pronavich. Fiziol. zhur. 50 no. 7:828-834 Ji '64.

Electrophysiological analysis of nerve connections of floccular intestine region with sacral region of spinal cord and role of interneuronal tract. E. G. Medvedev. Dokl. AN SSSR 10 no. 7:510-512 Ji '66.

Electrophysiological study of the solution of management problems by man. E. V. Voloshinova. Nauch. dokl. vyssh. shkoly, biol. nauk 0 no. 3:103-106 '66.

Fixation of the tension at the site of the terminal plate during its activation. I. S. Magura, M. T. Parkhomchuk. Fiziol. zhur. [Ukr.] 18 no. 4:530-531 Ji-Apr '66.

Membrane potential of malignant striated muscles. E. P. Shuba. Tsitologia 8 no. 3:367-391 My-Je '66.

TROPHYSIOLOGY (Continued)

of electrophysiological study of deep sleep and the awakening process in man. V.I. Maanikov, L. Resalin. Vop. psikh. 12 no. 3:174-178 My-Je '66.

type of submerged chamber electrodes for recording of biopotentials. M.P. Kul'vanovskii, V.N. Margolin. AN BSSR 10 no. 7:513-514 JI '66.

actions of the neuromuscular apparatus and the vascular system to the procedure of massage in diseases of the peripheral nervous system. A.V. Sirotkina. Izv. TSU 81: 48-53 '65.

action of afferent and efferent impulses in the conduction of sympathetic nerves in a chronic experiment of local reversible cooling. A.D. Nozdachev. eksp. biol. i med. 62 no. 7:117-121 JI '66.

TROPHYSIOLOGY—EQUIPMENT AND SUPPLIES
of impulse analyzer AT-100 for temporary analysis of impulse activity of neurons. S.P. Vaitulevich, A.M. Zhuravskii. Zhur. vys. nerv. deiat. 16 no. 4:747-752 Ag '66.

TROPLATING—EQUIPMENT AND SUPPLIES
of suspensions for the immersion of parts of the bath. V.P. Chatekii, I.U. Kazakov, A.F. Stenkov. Biul. tekhn. i ekon. inform. Gos. nauch. i issl. i nauch. i tekhn. inform. 19 no. 6:7-8 Je '66.

TROSTATIC SEPARATIONS

of ions in electrostatic separation of phosphorites. Angelov, T.A. Merk. Obg. rud 11 no. 2:31-32

TROSTATIC SPRAY PAINTING see Spray Painting, Electrostatic

TROSTURGERY

of literature and own observations of effectiveness of cycloathermo-coagulation operation on sclera treatment of far advanced stage of glaucoma. A.M. Rev. Trudy Turk. nauch. i issl. trakh. inst. 9: 181 '66.

TROTERAPEUTICS—SIDE EFFECTS

of manifestations in patients during a long-term treatment with intracerebral electrodes. V.M. Smirnov. Vop. psikh. 12 no. 3:85-95 My-Je '66.

TROINARY EDUCATION see Education, Elementary

of the century; the past, present, and future] a - 100 let; proshloe, nastoiashchee, budushchee. A. Katinizdat, 1965. 126 p.

TRO DIFFERENTIAL EQUATIONS see Differential Equations, Elliptic

TROLEY—IRON AGE

of L. [Settlements of the neolithic and early periods at the mouth of the Ena River (Estonian) Poselenia epokhi neolita i rannego metalia v tse r. Emalygi (Estonskaja SSR). Tallinn, Akad. Estonskoi SSR, 1959. 381 p.

TROLEY—STONE AGE

of L. [Settlements of the neolithic and early periods at the mouth of the Ena River (Estonian) Poselenia epokhi neolita i rannego metalia v tse r. Emalygi (Estonskaja SSR). Tallinn, Akad. Estonskoi SSR, 1959. 381 p.

TROLEMENT

of material damages. B. Al'bert. Sov. a. koop. 10 no. 6:20-21 Je '66.

TROLOGY

of nauk SSSR. Institut vysshei nervnoi deiatel'nosti i neurofiziologii. [Studies on neuroendocrinological effect] Issledovaniia neiroendokrinologicheskikh effekta. Moskva, Nauka, 1966. 245 p.

of disorders of embryogenesis under effect of myxomatosis in early stages of development. V.A. Aleksandrov. Biul. eksp. biol. i med. 4: 81-85 Ap '66.

of chloridine on chick embryogenesis. T.I. Stanina. Biul. eksp. biol. i med. 61 no. 4:85-86 36.

of composition of embryonic glycogens. G.V. Stanina. Nauch. dokl. vys. shkoly; biol. nauki 9 37-70 '66.

TROLOGY—FISHES

of radiation damage of chromosomes in embryogenesis. D.D. Romashov, V.N. Bellaeva. Iza no. 4:4-15 Ap '66.

of the mitotic cycle during the period of synchronous segmentation divisions (Tp) and the relationship of the temperature of incubation embryos, G.M. Ignat' A.A. Kostomarov. Dokl. AN BSSR 100 no. 5: 224 36 '66.

Effect of hatching enzyme on the egg membranes in pike. N.V. Kotlarevskaja. Dokl. AN SSSR 198 no. 2:485-488 JI '66.

Transition to meiotic division of oocytes with incomplete vitellogenesis in *Salmo salar* L. as affected by hormonal stimulation. O.F. Sakun. Dokl. AN SSSR 160 no. 1: 241-244 JI '66.

EMBRYOLOGY—INSECTS

Facultative ovoviviparity in *Chrysomela sanguinolenta* L. (Coleoptera, Chrysomelidae). I.U. A. Zakhvatkin. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:27-31 '66.

EMBRYOLOGY—MAMMALS

Characteristics of the embryonic and pre-fetal periods in the intrauterine development of Bactrian camel. G.A. Shmidt, I.U. A. Pilasov, I.U. P. Bapidianov. Dokl. AN SSSR 160 no. 1:245-248 JI '66.

Characteristics of the injury of the palate bud in mammal embryos following maternal A hypervitaminosis. E.A. Lotosh. Dokl. AN SSSR 160 no. 1:238-240 JI '66.

Neural plate in the Bactrian camel. G.A. Shmidt, I.U. A. Pilasov, V.G. Shagayeva. Dokl. AN SSSR 160 no. 6: 1436-1438 Je '66.

EMBRYOLOGY—POULTRY

Characteristics of postirradiation death of differentiating nerve cells. Report No. 1. Study of chick embryos. I.U. V. Korogedina. Radiobiologiya 6 no. 4:560-564 '66.

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMBRYOLOGY, HUMAN

Formation of the sigmoid flexure during the fetal period of human intrauterine development. A.A. Zelikon. Dokl. AN SSSR 160 no. 6:1434-1435 Je '66.

EMERGENCY MEDICAL SERVICES

Dymshits, L.A., and M.B. Chulko. [Emergency ophthalmological aid] Neotlozhuia oftalmologicheskaia pomoshch'. [Leningrad] Meditsina, 1966. 143 p. (Biblioteka prakticheskogo vracha) (DNLM)

EMOTIONS

Emotional manifestations in patients during a long-term treatment with intracerebral electrodes. V.M. Smirnov. Vop. psikh. 12 no. 3:85-95 My-Je '66.

EMPLOYEES, DISMISSAL OF

Reinstatement to work status of unlawfully dismissed workers and employees. E.A. Golovanova. Rev. vys. ucheb. zav.; prav. 10 no. 1:127-130 '66.

Shlemin, A.M. [Liability of public officials for illegal dismissal] Otvetsivennost' dolozhnostnykh lits za nezakonnoe uvolnenie. Moskva, Iuridicheskaja literatura, 1966. 100 p.

EMPLOYEES, IDENTIFICATION OF see Labor passports

EMPLOYEES, REINSTATEMENT OF

Articles 87 of the Labor code of the U.S.S.R. should be amended. A. Steshin. Rad. pravo 29 no. 8:59-60 Ag '66.

EMPLOYEES, TRAINING OF

The system of training the employees of industrial enterprises. S. Natsyshev. Part. zhizn' no. 16:34-37 Ag '66.

EMPLOYEES' LIABILITY

The law on property responsibility of employees needs revision. A. Piatkov. Sov. iust. 30 no. 10:11-13 My '66.

Liability of workers and employees. A. Povar, I. Ahapov. Rad. pravo 29 no. 2:29-32 F '66.

EMPLOYERS' LIABILITY

Consultation. Sots. zakon. no. 5:80-84 My '66. Kontsev, N.I. [Should the health of a collective farmer be injured...? Esti zdorov'ia kolkhoznika prichinen vred.... Moskva, Iuridicheskaja literatura, 1966. 70 p.

EMULSIFYING AGENTS

Adsorption interaction of surface-active substances with polymers. Part 1: Wetting of rubber surfaces by emulsifier solutions. V.N. Vereshnikov, L.V. Vlasova, R.E. Neiman. Koll. zhur. 28 no. 3:328-333 My-Je '66.

EMULSIONS

Continuous water discharge from oil dehydrators of a gathering-line pumping station. I.U. S. Mironov. Neftprom. delo no. 5:29-31 '66.

Features of the polymerization course in an emulsion stabilized by nonionogenic emulsifiers. N.I. V. Shanskaia, A.I. Urzhenko. Dokl. AN SSSR 160 no. 8: 1342-1345 Je '66.

Formation of water-oil emulsions stabilized by T-2 emulsifying agent. A.A. Raydel', G.A. Kozlov. Koll. zhur. 28 no. 3:437-442 My-Je '66.

Integrated action demulsifiers of crude oils; oil-water-mineral salts. E.S. Skripchenko and others. Neft, khoz. 44 no. 6:46-49 Je '66.

Kozin, N.I., ed. [Use of emulsions in the food industry] Primenenie emul'sii v pishchevoi promyshlennosti. Moskva, Pishchevaia promyshlennost', 1966. 251 p.

ENAMEL AND ENAMELING

Preventing corrosion of high-carbon steel by enameling. E.B. Revvo. Tekh. i org. proizv. no. 1:82-84 Ja-F '66.

ENCEPHALITIS, EPIDEMIC

Makarov, N.I. [Biochemical studies in tick-borne encephalitis; methodological letter] Biokhimicheskie issledovaniia pri kleshchevom entsafalite; metodicheskie pis'ma. Khabarovsk, Khabarovskii nauchno-issl. in-t epidemiologii i mikrobiologii, 1966. 37 p. (DNLM)

ENCEPHALOGRAPHY

Significance of simultaneous recording of rheoencephalograms and electroencephalograms for determination of localization of focal cerebral lesion of vascular or tumorous origin. V.E. Malorichik, Kh. Kh. Zarullin. Zhur. nevro. i psikh. 66 no. 8:1149-1156 '66.

ENDOCRINE GLANDS

Changes in the number of eosinophils and basophils as an index of the reactivity potential of the endocrine system. K.I. Myshkin, A.A. Reut. Lab. delo no. 8:452-455 '66.

Vsesoluznoe nauchnoe obshchestvo anatomov, gistologov i embriologov. [Problems of the morphology of endocrine glands; a thematic collection of articles] Voprosy morfologii zhelez vnutrennei sekretatsii; tematicheski sbornik. Pod red. A.I. Akasvskogo i S.I. Terezy. Moskva, 1965. 121 p.

ENDOCRINE GLANDS—DISEASES

Mucoviscidosis in adults. E.G. Leizerovskaja and others. Sov. med. 29 no. 7:39-45 JI '66.

ENDOCRINE GLANDS—TUMORS

Id, E.A. [Follicular cysts of the ovary and dysgonadotrophic tumors] Follikulyarnye kisty iatschulka i disgonadotrofnye opukholi. [Leningrad] Meditsina, 1966. 118 p. (DNLM)

ENDOMETRIOSIS

Baskakov, V.P. [Endometriosis] Endometrioz. [Leningrad] Meditsina, 1966. 252 p. (DNLM)

ENDOSCOPY

Anesthesia in peroral endoscopy. R.G. Khundadze, G.M. Tsanava. Khirurgia 42 no. 6:63-69 Je '66.

ENDOTHELIUM

Growth and reproduction of the endothelium of bone marrow sinusoids in tissue cultures. M.G. Shcherbakova. Biul. eksp. biol. i med. 62 no. 7:80-83 JI '66.

ENERGY METABOLISM

Some indices of energy metabolism in lesions of the hypothalamus region of the brain. I.M. Man'kova'ka. Fiziol. zhur. [Ukr.] 12 no. 4:550-554 JI-Ag '66.

ENGELS, FRIEDRICH, 1820-1895

Leon'ev, L.A. [Engels and the economic theory of Marxism] Engel's i ekonomicheskoe uchenie marksizma. Moskva, Mysl', 1965. 444 p. (CU) (VIU)

Sorebriakova, G.I. [Marx and Engels] Marks i Engel's. Moskva, Molodaja gvardia, 1966. 879 p. (Zhizn' i mechatel'nykh Hudel. Seriya biografi, no. 4(421))

Tartakovskii, B.G. [Friedrich Engels as adviser and teacher of international proletariat, 1875-1895] Fridrikh Engel's - sovetnik i uchitel' mezhdunarodnogo proletariata (1875-1895). Moskva, Mysl', 1966. 342 p.

ENGINEERING GEOLOGY

(see also subdivision under Kursk Magnetic Anomaly)

Changes in properties of lacustrine clays from viewpoint of engineering geology in Khanka Depression depending on age and genesis. L.K. Tskavava. Sbor. st. po geol. i gidrogeol. no. 6:108-120 '65.

Interpretation of some complexes of loose sediments in tundra plains. I.S. Gudulin, G.S. Konstantinova. Sbor. st. po geol. i gidrogeol. no. 5:127-142 '65.

Interpretation of swamp types in mountainous regions of southern Yakutia as indicators of conditions governing engineering geology. L.V. Kondratova. Sbor. st. po geol. i gidrogeol. no. 5:160-168 '65.

Skvortsov, G.G., and L.I. Romanovskaja. [Studies and prognoses in prospecting for mineral deposits from viewpoint of engineering geology; intended for development by method of strip mining] Inzhenerno-geologicheskie issledovaniia i prognozy pri razvedke mestorozhdenii poleznykh iskopaemykh; namereanyi k razrabotke otkrytym sposobom. Moskva, Nedra, 1966. 169 p. (Moscow, Vsesoluznyi nauchno-issledovatel'skii institut gidrogeologii i inzhenernoi geologii. Trudy, no. 18)

ENGINEERING GEOLOGY (Continued)

Some basic positions of testing rocks from the viewpoint of engineering geology. N.V. Kolomenski, I.N. Ivanova. *Izv. vuz. ucheb. zav. i geol. i razv.* 9 no. 6: 85-91 Je '66.

Stages of frontal-type landslides. V.V. Kluntseil'. *Razved. i okh. nestr.* 32 no. 4:52-55 Ap '66.

Using seismic prospecting methods in investigations carried out for purposes of engineering geology. V.I. Bihanov and others. *Inzh. seism.* no. 3/4:38-44 '66.

ENGINEERING STANDARDS see Standards, Engineering

ENGINES--STANDARDS

Standard for criterions and indices of technical state of engines is needed. I. Zaidman, A. Serebrennikov. *Stand. i kach.* 30 no. 3:87-88 Mr '66.

ENGLAND see Great Britain

ENGLISH ART see Art, English

ENGLISH LANGUAGE--DICTIONARIES--RUSSIAN

Deev G.N., and K.S. Losev, comps. [English-Russian hydrological dictionary. 14,000 terms] Anglo-russkii gidrologicheskii slovar'. 14,000 terminov. Pod red. V.V. Rakhmanova. Moskva, Sovetskaya Entsiklopediya, 1965. 299 p.

ENGLISH NEWSPAPERS

English monopolies' press in the service of the neocolonialists. A.P. Kiselev. *Vest. Mosk. un. Ser. II: Zhur.* 21 no. 1:65-69 Ja-F '66.

ENGLISH PAINTERS see Painters, English

ENTEROBACTERIACEAE

Hemagglutination caused by intestinal bacteria. G.N. Chistovich and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:93-96 Ji '66.

ENTHALPY

Enthalpy of tetracalcium phosphate within 300 - 1600° K temperature range. V.A. Sokolov and others. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:717-720 Ap '66.

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGICAL RESEARCH

Pali, V.F. [Methodology of phenological and faunistic studies of insects] Metodika fenologicheskikh i faunisticheskikh issledovaniy nasekomykh. Frunze, In-t biologii, 1966. 176 p.

ENTROPY

Estimating the entropy in remote control systems. A.B. Markhasin. *Fiz.-tekh. probl. razrab. pol. iskop.* no. 2: 152-158 '66.

ENZYMES

Activity of some enzymes in winter crops. M.A. Khramova. *Izv. SO AN SSSR* no. 4, Ser. biol.-med. nauk no. 1:44-50 '66.

Belen'ki, N.G., L.B. Polonskaya, and N.N. Chamin.

[Latest development in the production of enzymes and enzyme preparations from animal raw materials] Novoe v proizvodstve fermentov i fermentnykh preparatov iz zhitovogo syr'ya. Moskva, TsINTIPishcheprom, 1966. 102 p.

Regulation of synthesis of amination enzymes in *Bacillus brevis* CB by ammonium ions. S.V. Shestakov, V.D. Filippov. *Dokl. AN SSSR* 169 no. 3:705-708 Ji '66.

EOSINOPHILS

Diurnal rhythm of the quantity of eosinophils in the peripheral blood of mice long after gamma irradiation. F.B. Shapiro, I.M. Panfleva. *Nauch. dokl. vuz. shkoly; biol. nauki* 9 no. 3:107-112 '66.

EPHEDRA

(see also subdivision under Kazakhstan; Soviet Central Asia)

Biochemistry of Ephedra. L.K. Klyashev, L.S. Aliukina. *Trudy Inst. bot. AN Kazakh. SSR* 22:33-72 '66.

EPICHLOROHYDRIN

Regulation of copolymer composition during the copolymerization of epichlorohydrin with acetonitrile in the presence of some catalysts. A.A. Durarian, R.M. Begintan. *Vysokom. soed.* 8 no. 8:1328-1329 Ag '66.

EPIDEMIC ENCEPHALITIS see Encephalitis, Epidemic

EPIDEMIOLOGY

Epidemiological aspects of diphtheria carrier state. Report No. 1: Age-related structure of diphtheria carrier state. A.A. Sumarokov and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 8:131-135 Ag '66.

Epidemiological aspects of diphtheria carrier state. Report No. 2: Seasonal characteristics of diphtheria carrier state. G.N. Ralkhshtat and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 8:135-139 Ag '66.

EPIDERMIS--DISEASES

Tumors from epidermal cysts of the skin. A.K. Apantenko, V.S. Turusov. *Arkh. pat.* 20 no. 5:10-16 '66.

EPIDIDYMS--TUMORS

Morphology and pathogenesis of experimental spermatozoid granuloma of the epididymis. I.D. Shperling. *Arkh. pat.* 28 no. 5:65-68 '66.

EPINEPHRIN see Adrenaline

EPITHELIUM

Effect of X rays on the normal and regenerating epithelium of the mouse cornea. A.N. Stukhtskii, M.F. Popova, N.V. Bulakova. *Radobiologiya* 6 no. 4:544-548 '66.

Some physiological mechanisms of the diurnal cycles of the intensity of reproduction of the epithelial cells of various organs. V.V. Kozlov. *Sbor. nauch. trud. SOGMI* no. 12:257-266 '64.

EPOXY COMPOUNDS

3,6-Endoxocyclohexanes and 3,6-endoxocyclohexenes. Part 33: Possibility of the Wagner-Meerwein rearrangement in the homoallyl systems. N.S. Zefirov, A.F. Davydova, I.U. K. Idr'ev. *Zhur. obshch. khim.* 36 no. 7: 1217-1223 Ji '66.

EPOXY RESINS

(see also subdivision under Czechoslovakia)

Adhesion of hot-cured epoxy-novolac compositions. A.F. Nikolov, M.S. Trizno, L.A. Petrova. *Plast. massy* no. 8:23-26 '66.

EPOXY RESINS--SPECTRA

Infrared spectroscopy of hardening of epoxy compounds. I.M. Gurman, G.I. Zalkind, M.S. Akutin. *Plast. massy* no. 8:69-70 '66.

EPOXY RESINS--TESTING

Wear resistance of epoxide coatings. P.I. Zubov and others. *Koll. zhur.* 20 no. 3:309-403 My-Je '66.

EQUATIONS, CUBIC--NUMERICAL SOLUTIONS

Lebedev, A.V. [Method of formulating cubic formulas with precise evaluations] Metod postroyeni kubaturnykh formul s tochnymi otsenkami. Moskva, Akad. nauk SSSR, 1964. 44 p. (Elektronnye vychislitel'nye mashiny) (NYN)

EQUILIBRIUM

Shavoleva, G.I. [Equilibrium of body under action of plane force system; methods manual] Ravnovesie tela pod deystviem ploskoi sistemy sil; metodicheskoe posobie. Pod red. I.A. Isanova. Moskva, Mosk. elankoinstrumental'nyi in-t, 1965. 29 p. [MICROFILM]

ERRORS

Apparatus for determining the differences in the human errors made in the observation of fast-moving celestial bodies. V.A. Merkushev. *Trudy NIIGAIR* 18 no. 1: 93-101 '64.

ERRORS, THEORY OF

Determining arithmetic mean and its errors. E.A. Dmitriev. *Nauch. dokl. vuz. shkoly; biol. nauki* 9 no. 3: 218-224 '66.

Estimation of errors. M.B. Gagan. *Trudy Vych. tsentra AN Gruz. SSR* 6:3:23-38 '66.

ERYSIPLOTRIX RHUSIOPATHIATE see subdivision under Sverdlovsk Province

ERYTHROBLASTOSIS FETALIS--COMPLICATIONS AND SEQUELAE

Late neuropsychic disorders in children having had erythroblastosis fetalis. E.S. Kalizhtuk. *Trudy TSU* 81: 62-67 '65.

ERYTHROCYTES

Synthesis of proteins and RNA in the erythrocytes in pigeons. B.K. Khunkivadze, V.S. Tongur. *Blud. eksp. biol. i med.* 61 no. 4:42-43 Ap '66.

ERYTHROMYCIN--THERAPEUTIC USE

Therapeutic effect of erythromycin on corneal lesions in trachoma. G. Annau. *Trudy Turk. nauch.-issl. trakh. inst.* 9:77-80 '66.

ERYTHROPOIESIS

Analysis of some aspects of erythropoiesis in dogs after radiation sickness. O.F. Zladinova. *Radobiologiya* 6 no. 4:549-551 '66.

Changes in erythropoiesis during pregnancy. S.I. Riabov and others. *Sov. med.* 20 no. 5:112-117 My '66.

ESCHERICHIA COLI

Effect of supraoptimal temperature on the dissociation of some types of microorganisms. I.U. V. Kulnash. *Blud. eksp. biol. i med.* 62 no. 7:70-81 Ji '66.

Immunogenicity and sensitizing properties of sex recombinants of *Escherichia coli* and *Shigella flexneri*. N.S. Motavkina. *Blud. eksp. biol. i med.* 62 no. 7:74-78 Ji '66.

Materials for the study of acute enterocolitis in adults and children caused by the enterogenic O124:H77 (H77) *Escherichia coli*. E.M. Novgorodskaya and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 8:21-25 Ag '66.

Pathologicomorphological changes in the abdomen of newborn calves with colibacteriosis. V.V. Petukhova. *Vest. sel'khoz. muzk. [Kazakh.]* 9 no. 7:46-53 Ji '66.

ESCHERICHIA COLI--CULTURES AND CULTURE MEDIA

Increase in endoreproduction in *Escherichia coli* H77. V.D. Zhushtankov, E.A. Valdekhin. *Dokl. AN SSSR* 169 no. 1:220-222 Ji '66.

Nature of alkali producers of the intestinal group of bacteria. K.D. Rybakova. *Blud. eksp. biol. i med.* 61 no. 4:106-109 Ap '66.

Selection of indicator strains for typing colicinogenic cultures of *Escherichia coli*. Report No. 3: Use of mono- and disaccharide cultures for typing strains with multiple colicinogenicity. N.V. Davydova, B.G. Kudal, V.G. Petrovskaya. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:91-94 Ji '66.

Specificity of repair mechanisms of the bacterial cell damaged by ultraviolet and X rays. V.D. Zhushtankov. *TSitologiya* 8 no. 3:404-409 My-Je '66.

ESOPHAGUS--DISEASES

Motility and intracranopharyngeal pressure in benign diseases of esophagus. B.V. Petrovskii, E.N. Vuntanov, V.I. Chisov. *Khirurgiya* 42 no. 6:45-53 Je '66.

ESOPHAGUS--WOUNDS AND INJURIES

Functional disorders in body in esophageal stricture obstruction. M.I. Kolodilchanko. *Khirurgiya* 42 no. 6:67-69 Je '66.

ESPIONAGE

We shall be vigilant. S. Matulenko. *Agitator* no. 4: 55-56 Mr '64.

ESSENCES AND ESSENTIAL OILS

Mokhmachev, I.G., and M.P. Kuz'min. [Volatile substances in food products] Letuchie veshchestva pishchevyykh produktov. Moskva, Pishchevaya promyshlennost', 1966. 191 p.

Oil accumulation dynamics and the maturation of seeds of the Siberian pine. T.P. Nekrasova, V.A. Pavlova. *Izv. SO AN SSSR* no. 4, Ser. biol.-med. nauk no. 1:43-45 '66.

ESTERS

Esters of copolymers of vinyl alcohol and vinylene glycol. M. Klimova and others. *Vysokom. soed.* 8 no. 8: 1402-1405 Ag '66.

Esters of 1-methyl-1-hydroxy-2-pentachloro-2-methylphosphonic acid. D.Kh. Ibrakhimova, I.V. Chisov. *Izv. AN SSSR. Ser. khim.* no. 7:1260-1264 '66.

Some reaction characteristics of dicarboxylic acid esters. G.N. Freidin, I.U. V. Vynotski, V.I. Rudnik. *Zhur. obshch. khim.* 36 no. 7:1193-1198 Ji '66.

Synthesis of carboxylic polymers with functional groups by ester condensation. S.I. Davydova and others. *Dokl. AN SSSR* 169 no. 2:370-381 Ji '66.

ESTONIA--AGRICULTURAL POLICY

The party and the socioeconomic development of rural regions. I.K'abin. *Kommunist* 43 no. 12:17-26 Ag '66.

ESTONIA--BIRDS--MIGRATION

Lini, A., L. Rootmaa, and H. Varaman. [Arrival of birds of passage in Estonia during 1938-1949 and 1948-1950] Rändlindude saabumise ajavahemik, 1938-1949 ja 1948-1950. Tartu, Eesti NSV Teaduste Akadeemia, 1963. 163 p. [In Estonian] [Abika loodusevannitejato, no. 50]

ESTONIA--DOGS--TRAINING

The club in gathering strength. V. Kriakev. *Vest. zool.* 42 no. 8:47 Ag '66.

ESTONIA--FIELD CROPS

Complex agricultural practices as basis for large yields. E.G. Tonurist. *Zemledelie* 28 no. 7:12-19 Ji '66.

Consolidate achieved successes. O.J. Kaldas. *Zemledelie* 28 no. 7:33-35 Ji '66.

High profit from each hectare. I. Sarapu. *Zemledelie* 28 no. 7:23-26 Ji '66.

Make better use of land. T. Rohane. *Zemledelie* 28 no. 7:31-33 Ji '66.

Our practices and prospects. V. Laur. *Zemledelie* 28 no. 7:26-28 Ji '66.

We are raising standard of agriculture. V. Kampa. *Zemledelie* 28 no. 7:20-31 Ji '66.

ESTONIA--GEOLOGICAL MUSEUMS

Tallinn, Eesti NSV Riiklik Loodusmuuseum. [Geological Department of the State Natural History Museum of Estonia S.S.R.] Eesti NSV Riikliku loodusevannitejato geoloogilise osakond. Tallinn, 1965. 36 p. [In Estonian]

ESTONIA—LAW ENFORCEMENT

Soviets of workers' deputies struggle against law-breaking. K. Plutus. Sots.zakon. no.5:46-47 My '66.

ESTONIA—PALEOBOTANY, STRATIGRAPHIC

Recent finds of Arctic fossil plants in Estonia. T.D. Kolesnikova. Dokl. AN SSSR 168 no.5:1129-1131 Je '66.

ESTONIA—PEAT BOGS

It pays to reclaim peat bogs. T.Noges. Zemledelie 26 no.7:35-37 Ji '66.

ESTONIA—PLANT BREEDING

Contribution of breeders. M.J.Vilrand. Zemledelie 28 no.7:20-22 Ji '66.

ESTONIA—SOVIETS

Soviets of workers' deputies struggle against law-breaking. K. Plutus. Sots.zakon. no.5:46-47 My '66.

ESTONIA—WORKINGMEN'S CLUBS

When community centers are used by several organizations. A.Morozov. Part. zhizn' no.17:56-58 S '66.

ESTROGENS—PHYSIOLOGICAL EFFECT

Morphological study of sex system, adrenal glands, and hypophysis in guinea pigs under effect of vitrol. Iv.T.Kaichev. Arkh.pat. 28 no.6:55-62 '66.

ESTROGENS—THERAPEUTIC USE

Effect of estrogens on the development of coronary atherosclerosis in female rabbits of different ages. I.D. Nasedova. Biol. eksp. biol. i med. 61 no.4:19-23 Ap '66.

ETHANES

Studying parameters of adsorption separation of ethane-ethylene mixtures using synthetic zeolites. R.V. Alekseeva, V.P. Gvozdetzkaia, E.I.A. Susanov. Neftoper. i neftekhim no.7:35-37 '66.

ETHANOL

Gas nitriding with the use of a new, liquid nitrocarburizer, triethanolamine. S.M.Gugel' and others. Sbor. rab. NITM no.1:5-33 '65.

Mechanism of the stage process of piperazine synthesis from monocethanolamine. A.A. Balandin and others. Dokl. AN SSSR 168 no.5:1061-1064 Je '66.

ETHANOL—PHYSIOLOGICAL EFFECT

Biochemical bases of using colamine (monoamino ethanol) as new growth stimulator for animals. G.V. Kamalton. Khim. v sel'. khoz. 4 no.7:41-45 Ji '66.

ETHAPERAZINE—THERAPEUTIC USE

Immediate and late results of ethaperazine therapy in the climacteric syndrome. T.M. Dondukova. Sov. med. 29 no.7:110-124 Ji '66.

ETHERS

Synthesis of unsaturated ethers on the basis of dimethylvinylethynylcarbinol and lactams. F.P. Sidorkovskaya and others. Izv. AN SSSR. Ser. khim. no.7:1228-1232 '66.

ETHICS

Samsonova, T.V. [Theoretical problems of ethics] Teoreticheskie problemy etiki. [Moskva] Izd-vo Mosk. univ., 1966. 109 p.

ETHNOLOGY see subdivision under Chuvasia;

Mordovia; Nenets National Area; Siberia, Eastern

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHYLETHER

Extraction of some elements from hydrochloric acid solutions by means of β,β' -dichlorodithyl ether. P.I. Artukhin and others. Dokl. AN SSSR 169 no.1:98-99 Ji '66.

ETHYLAMINE

Deoxyribonuclease I activity in the urine of irradiated rats following radioprotection by cystamine. N.I. Libikova. Radiobiologiya 6 no.4:553-560 '66.

Synthesis and study of β -chloroethylamine derivatives in the 1,3,4-thiadiazole series. A.M. Khaletskiy, O.O. Surkan. Farmatsev. zhur. 20[1. e.21] no.4:18-22 '66.

ETHYLENE

Polymerization of tetrafluoroethylene in aqueous solutions. E.F. Nosov, N.A. Kleimenov, A.M. Markevich. Vysokom. soed. 8 no.8:1330-1335 Ag '66.

Some regularities in the oxidation of tetrachloroethylene. V.A. Polukhov, I.V. Dobrov, S.A. Litapina. Dokl. AN SSSR 168 no.5:1111-1113 Je '66.

Study of the structure of copolymer of tetrafluoroethylene and vinylidene fluoride by spectroscopic methods. N.I. Maknevich. Vysokom. soed. 8 no.8:1428-1433 Ag '66.

Studying parameters of adsorption separation of ethane-ethylene mixtures using synthetic zeolites. R.V. Alekseeva, V.P. Gvozdetzkaia, E.I.A. Susanov. Neftoper. i neftekhim no.7:35-37 '66.

ETHYLENE ALCOHOL see Glycols

ETHYLENE COMPOUNDS

Synthesis and spectra of silylgermyl- and digermyl-substituted ethylenes. A.I. Kravchenko, V.F. Mironov, L.A. Lettes. Izv. AN SSSR. Ser. khim. no.7:1177-1184 '66.

Synthesis and transformations of unsaturated organo-germanium compounds. Part 30: Synthesis and transformations of some branched monohydric tertiary organo-germanium alcohols of the ethylene series. I.A. Shukhlev, I.A. Aslanov, N.T. Mekhmandarova. Zhur. ob. khim. 36 no.7:1285-1297 Ji '66.

ETHYLENE GLYCOL

Use of diethylene glycol for protecting bull and ram semen during freezing. E.M. Platov. Khim. v sel'. khoz. 4 no.6:42-44 Je '66.

ETHYLENE OXIDE

Copolymerization of ethylene oxide with aceto-, benzo-, and acrylonitriles. A.A. Durgarin, R.A. Arakelian. Vysokom. soed. 8 no.8:1321-1325 Ag '66.

ETHYLENE POLYMERS

Methodology of determining polyethylene polyamine in drinking water. N.I. Onel'panets. Lab. delo no.8:483-484 '66.

Synthesis and study of ethylene and α -butylene copolymer. M.A. Delin, A.A. Buniat-zade, E.L. Bulatnikova. Plast. massy no.8:4-5 '66.

ETHYLENE POLYMERS, EFFECT OF RADIATION ON

Modification of structure and properties of polyolefins; effect of radiation on ethylene and propylene copolymers. A.G. Sirota and others. Plast. massy no.8:58-60 '66.

ETHYLENIMINE

Chemical mutagens. Report No. 3. Study of the mutagenic action of ethylenimine, nitrosourea, and diazoketone derivatives on *Actinomyces streptomycetis* Kras. and *Drosophila melanogaster*. I.U. Bartoshovich, L.M. Filippova, R.G. Kostanovskii. Genetika no.4:147-155 Ap '66.

EUROPE—FOREIGN RELATIONS—UNITED STATES

Washington and Europe. Nov. vrem. 24 no.34:1-2 Ag '66.

EUROPE—GEOLOGY, STRUCTURAL—MAPS

International Geological Congress. Subcommittee on the Tectonic Map of the World. [International tectonic map of Europe] Mezhdunarodnaya tektonicheskaya karta Evropy. Sost. pod rukovodstvom N.S. Shatskogo i dr. Moskva, 1964. 16 maps (in portfolio). [Tectonics of Europe; explanatory note] Tektonika Evropy; ob'iasnitel'naya zapiska. Moskva, Nauka, 1964.

(ICRL)

EUROPE—MAPS

Novoe vremia. [Atlas of "Novoe vremia"; 32 maps of European and African countries] Atlas Novogo vremia; 32 karty stran Evropy i Afriki. [n.p. 1964] 32 p.

EUROPE, EASTERN—BIBLIOGRAPHY

[New literature on the general problems of the European socialist countries] Nov. lit. po obshch. probl. evrop. sets, stran no. 8 '66.

EUROPE, EASTERN—CIVIL RIGHTS

O.G. Mozokhina's book "The freedom of the person and fundamental rights of persons in socialist countries of Europe." R. Sineilykova, E. Kolosh. Rad. pravo 29 no.7:108-109 Ji '66.

EUROPE, EASTERN—DIVISION OF LABOR

Legal forms guaranteeing interstate specialization and production cooperation of the member states of the Mutual Economic Assistance Council. M.M. Boguslavskii. Sov. gos. i pravo 36 no.8:3-11 Ag '66.

EUROPE, EASTERN—ELECTRONIC COMPUTERS

Gorukhin, V.M. [Computing and controlling machines of socialist countries] Vychislitel'naya i upravlyashchaya tekhnika sotsialisticheskikh stran. Leningrad, 1966. 39 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Ekonomika, upravlenie i organizatsiya proizvodstva]

EUROPE, EASTERN—FOREIGN RELATIONS—TREATIES

Legal forms guaranteeing interstate specialization and production cooperation of the member states of the Mutual Economic Assistance Council. M.M. Boguslavskii. Sov. gos. i pravo 36 no.8:3-11 Ag '66.

EUROPE, EASTERN—HISTORIOGRAPHY

Belavskaya, I.M., I.A. Voronkov, and V.G. Karasev, eds. [Slavic historiography] Slavyanskaya istoriografiya; sbornik statei. [Moskva] Izd-vo Mosk. univ., 1966. 281 p.

EUROPE, EASTERN—LAW—BIBLIOGRAPHY

Systematic index of articles published in the law journals of East European socialist countries in the first half of 1965. Izv. vya. ucheb. zav.; prav. 10 no.1:156-172 '66.

EUROPE, EASTERN—LIBERTY

O.G. Mozokhina's book "The freedom of the person and fundamental rights of persons in socialist countries of Europe." R. Sineilykova, E. Kolosh. Rad. pravo 29 no.7:108-109 Ji '66.

EUROPE, WESTERN—TRADE UNIONS

In the name of common objectives. Sov. profsoyuzy 22 no.14:37 Ji '66.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FOREIGN ECONOMIC RELATIONS—GREAT BRITAIN

England at Common Market's gate. I.A. Pevzner. Nov. vrem. 24 no.36:11-13 S '66.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FOREIGN RELATIONS—LUXEMBURG

Luxembourg in the Common Market. S. Iakovlev. Mir. ekon. i mezhdunar. otn. no.7:134-136 '66.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—TAXATION

The tax barrier of European integration. M. Chumakov. Mir. ekon. i mezhdunar. otn. no.7:50-56 '66.

EUROPEAN FEDERATION

What is hiding behind the ideal of federalism? A bibliography. V. Kolomil'tsev. Nov. vrem. 24 no.34:31-32 Ag '66.

EUROPEAN WAR, 1914-1918 see subdivision under Gallia

EUROPIUM

Structure of glasses of the system $\text{Na}_2\text{O} - \text{B}_2\text{O}_3$ activated by rare earths. Europium. I.U. V. Denisov, B.F. Dzhurinskii, V.A. Kizel'. Izv. AN SSSR. Neorg. mat. 2 no.4:683-701 Ap '66.

EUROPIUM COMPOUNDS

Synthesis of sodium samarate and europate. I.A. Murav'yeva and others. Dokl. AN SSSR 169 no.3:600-601 Ji '66.

EURYGASTER

Shield bugs of the genus *Aelia* as pests of winter crops. N. Gurova. Zashch. rast. 11 no.7:14-16 '66.

EURYGASTER—PARASITES see Parasites—Eurygaster

EVAPORATION

Diffusion - chemical and phase transition resistance in the condensation and evaporation of alkali metals. V.I. Subbotin, M.N. Ivanovskii, I.U. V. Milovanov. Atom. energ. 21 no.1:17-22 Ji '66.

Pudikov, G.N. [Manual for workers in evaporator stations for sulfate liquors] Posobie vypravshchikam sul'fatnykh shchelokov. Moskva, Leningra. promyshlennost', 1966. 107 p.

EVIDENCE (LAW)

Concept of trial evidence in Soviet civil procedure. P.P. Gureev. Sov. gos. i pravo 36 no.6:55-66 Ag '66.

Specific aspects and limits for the evaluation of evidence by higher courts. V.D. Arsen'yev. Sov. gos. i pravo 36 no.8:67-74 Ag '66.

EVIDENCE, CRIMINAL

(see also subdivision under Ukraine)

Check thoroughly and evaluate correctly the evidence produced in a criminal case. I. Sapozhnikov. Sots. zakon. no.5:8-11 My '66.

Distinctions in the evaluation of evidence at different stages of preliminary examinations. L.M. Korpeeva, G.M. Genrikhov. Sov. gos. i pravo 36 no.8:74-79 Ag '66.

Motion-picture in the service of investigation. A. Kozhlan. Sots. zakon. no.5:15-16 My '66.

EVIDENCE, EXPERT

(see also subdivision under Azerbaijan)

Criminalistics and criminal expert evidence. S. Mitri-chev. Sots. zakon. no.5:13-15 My '66.

The meaning of the conclusion of an expert concerning the identity of a firearm identified through marks on a shell. V. Prosvirin. Rad. pravo 28 no.7:30-42 Ji '66.

Some errors in identification of instruments based on latents. I.B. Dmitriev. Sud. med. eksp. 9 no.3:13-23 Ji-S '66.

EVOLUTION—CONGRESSES

Soveshchaniya po probleme "Zakonomenosti vnutryidovoi izmenchivosti nazemnykh pozvonochnykh zhivotnykh i mikroevolyutsii." Sverdlovsk, 1964. [Intraspecific variability of terrestrial vertebrates and microevolution; transactions] Vnutryidovaya izmenchivost' nazemnykh pozvonochnykh zhivotnykh i mikroevolyutsiya; trudy. Sverdlovsk, Akad. nauk SSSR, Ural'skii filial, in-t biologii, 1965. 373 p.

EXCAVATING MACHINERY

Methods of calculating the parameters of complicated mining systems without transportation. M.G. Novozhilov and others. Fiz.-tekh. probl. razrab. pol. iskop. no. 2:75-83 '66.

New wheel-type excavator. V. I. Seroshian. Biul. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 6:36 Je '66.

Unloading of earth from the bucket of a wheel excavator studied on a static model. V. K. Trofimov. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:86-91 '66.

EXCAVATING MACHINERY—FINANCE see subdivision under Kallin

EXCAVATING MACHINERY—MAINTENANCE AND REPAIR

Kokoulin, V.R. [Devices for repairing E-505 — E-652 excavators] Prisoobsheniya pri remonte ekskavatorov E-505 — E-652. Moskva, Stroizdat, 1966. 57 p. (Obmen opytom)

EXCAVATING MACHINERY—PARTS

Determining the parameters of operating parts of rotary bucket excavators. V. M. Vladimirov, G. T. Sitkarev, L. L. Khazanet. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:70-85 '66.

EXCAVATING MACHINERY—TRANSMISSION DEVICES

A more accurate calculation of the drive power of the actuating mechanism in a rotary bucket excavator. V. M. Vladimirov, V. P. Senchurov, R. S. Shmerkovich. Fiz.-tekh. probl. razrab. pol. iskop. no. 2:98-103 '66.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Dntester Valley; Soviet Central Asia

EXCHANGES, LITERARY AND SCIENTIFIC see subdivision under Ukraine

EXCITATION (PHYSIOLOGY)

Analysis of humoral and neural effects on the vessels of extremities during stimulation of the splanchnic and brachial nerves. I. M. Rodionov, V. P. Kulagin. Fiziol. zhur. 50 no. 7:847-854 Ji '64.

Analysis of the stimulating effect of half- and full-wave rectified current of various frequency. L. S. Rakhmishch. Biul. eksp. biol. i med. 61 no. 4:120-122 Ap '66. Characteristics of the "Sechenov reaction" of respiration in non-anesthetized frog originating following the discontinuance of excitation of interoceptors. V. I. Dorogichenkov. Trudy TSU 81: 110-114 '65.

Correlation between the reinforcement rate of a conditioned reflex and the strength of the stimulating process in rats with different types of nervous system. Zh. O. Krushenko. Fiziol. zhur. [Ukr.] 12 no. 4: 525-528 Ji-Ag '66.

Device for recording electrical activity and cerebral excitation in unrestrained animals. A. D. Nozdachev, V. L. Felcher. Zhur. vys. nerv. deiat. 16 no. 4:753-759 Ji-Ag '66.

Effect of excitability level of cerebral cortex on conditioned reflexes. Z. A. Vasil'eva. Zhur. vys. nerv. deiat. 16 no. 4:731-733 Ji-Ag '66.

Effect of the stimulation of the anterior gyrus cinguli and amygdaloid nuclei on the secretory activity of salivary and gastric glands. P. H. Bohach, Nguyen Dinh Dau. Fiziol. zhur. [Ukr.] 12 no. 4:452-458 Ji-Ag '66.

Electronic gate with low level of disturbances and possibility of smooth phase regulation. A. P. Lebedev. Zhur. vys. nerv. deiat. 16 no. 4:742-748 Ji-Ag '66.

Hemodynamic mechanisms of the development and adaptation of the pressor reflex in stimulation of the receptors of the urinary bladder. V. V. Bratus'. Fiziol. zhur. [Ukr.] 12 no. 4:483-488 Ji-Ag '66.

Inhibition of synaptic processes in motoneurons in rhythmic visceromotor stimulations. P. Duda, P. G. Kostjuk, N. N. Preobrazhenskii. Biul. eksp. biol. i med. 62 no. 7:3-8 Ji '66.

Methodology of studying electrically induced conditioned search-type defense conditioned reactions. I. A. Podolskii and others. Zhur. vys. nerv. deiat. 16 no. 4:756-759 Ji-Ag '66.

Postnatal development of congenital rhythmic movements of the extremities in rabbits caused by dermal stimulation. L. N. Deriabina. Biul. eksp. biol. i med. 62 no. 7:18-22 Ji '66.

EXCITON THEORY

Akademiya nauk Moldavskoi SSR. Institut prikladnoi fiziki. [Some problems in exciton theory] Nekotoryye voprosy teorii eksitonov. Kishinev, 1966. 78 p.

EXECUTIONS (LAW)

Shirshikov, A.M. [Execution of court decisions] Ispolneniye sudеbnykh reshenii. Moskva, Iuridicheskaya literatura, 1966. 108 p.

EXERCISE THERAPY

Ankolevich, E.I. [Exercise therapy in cardiac defects] Lechebnaya gimnastika pri porokakh serdtsa. [Moskva] TSentr. nauchno-issl. in-t sanitarnogo prosveshchenia [1964] 79 p. (chiefly illus.) (DNLM)

Muglova, E.A. [Gymnastics and massage for infants] Gimnastika i massazh dlia detei ranego vozrasta. Moskva, Meditsina, 1966. 42 p. (Biblioteka srednego meditsinskogo) (DNLM)

Shestakov, S.V., and A.A. Fedoseev. [Role of exercise therapy in the prevention and treatment of cardiovascular diseases] Rol' fizicheskoi kul'tury v profilaktike i lechenii serdечно-sosudistykh zabolevani. Moskva, Znanie, 1966. 29 p. (Narodnyi universitet: Fakultet zdorov'ia, no. 9)

Strakovskaya, V.L. [Exercise therapy for rheumatic children] Lechebnaya gimnastika dlia detei bol'nykh revmatizmom. Moskva, In-t sanitarnogo prosv., 1965. 1 v. illus. (DNLM)

EXHIBITIONS

Akademiya khudozhestv SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. Sektor dekorativnykh iskusstv. [The art of modern exposition; exhibitions and museums] Iskustvo sovremennoi ekspozitsii; vystavki, muzei. Pod red. V. P. Tolstogo, N. V. Voronova. Moskva, Sovetskii khudozhnik [1965] 164 p.

EXPANSION (HEAT)

Thermal expansion of rare-earth metal chalcogenides. E. M. Dudnik and others. Izv. AN SSSR, Neorg. mat. 2 no. 8:980-983 Je '66.

EXPERIENCE

Shvyrev, V.S. [Neopositivism and problems of empirical foundation of science] Neopositivizm i problemy empiricheskogo obosnovaniia nauki. Moskva, Nauka, 1966. 214 p.

EXPERIMENTAL DESIGN

Planning of regressive experiments taking the finite dimensions of the devices into account. N. P. Klepikov, V. V. Fedorov. Izd. fiz. 4 no. 2:357-359 Ap '66.

Rhazanov, G.A. [Experiments and modeling of electromagnetic fields] Opyt i modelirovaniye pri izuchenii elektromagnitnogo polia. Moskva, Nauka, 1966. 191 p.

——— [Supplement] Prilozhenie. p. 194-200.

Statistical optimization of complex technological processes. I. G. Zedgizidze, N. R. Monteselidze, N. N. Lomnadze. Soob. AN Gruz. SSR 43 no. 1:185-192 Ji '66.

EXPERT EVIDENCE see Evidence, Expert

EXPLOSIONS

Conditions for the production of particles of radioactive fallout and the fractionation of isotopes in underground nuclear explosions accompanied by soil eruption. I. O. A. Izral'. Dokl. AN SSSR 169 no. 3:573-578 Ji '66.

Effect of an explosion on a material. Dynamic compression of sodium nitrate. S. S. Batsanov and others. Fiz. gor. i vzryva no. 1:100-105 '66.

Thermal explosions at elevated hydrostatic pressures. F. A. Baum, L. A. Shipilov. Fiz. gor. i vzryva no. 1:105-111 '66.

EXPLOSIVE FORMING

Explosive from water. B. Klavdin. Izobr. i rate, no. 6:12 Je '66.

EXPLOSIVES

Ammonal makes the pile. R. Bagirian. Izobr. i rate, no. 6:16-17 Je '66.

Stability of the detonation front in liquid explosives. A. N. Dremmin, S. D. Savrov. Fiz. gor. i vzryva no. 1:36-40 '66.

EXPLOSIVES—CONGRESSES

Seminar of the Scientific Council on physicochemical problems of mineral mining. N. P. Andrianov. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:135-130 '66.

EXTENUATING CIRCUMSTANCES

Inclusion of facts characteristic of the person of the offender in the structural definition of a crime. N. S. Lelkina. Izv. vys. ucheb. zav.; prav. 10 no. 1:78-83 '66.

EXTRACTION (CHEMISTRY)

Binding energy of phosphoryl oxygen as a criterion of the extracting capacity of organophosphorus compounds. A. V. Nikolaev, I. U. A. Afanas'ev, A. D. Starostin. Dokl. AN SSSR 169 no. 5:1000-1001 Je '66.

Brounshteyn, B.I., and A. S. Zholozhnik. [Physicochemical principles of liquid extraction] Fiziko-khimicheskie osnovy zhidkostnoi ekstraktsii. Moskva, Khimiya, 1966. 317 p.

Extraction of some elements from hydrochloric acid solutions by means of β, β' -dichlorodithyl ether. P. I. Artukhin and others. Dokl. AN SSSR 169 no. 1:98-99 Ji '66.

Standard potentials in nonaqueous media and extraction equilibria. L. M. Glindin, B. I. Pashchevitskii, V. M. Shul'man. Dokl. AN SSSR 169 no. 3:614-615 Ji '66.

EXTRACTION APPARATUS

Testing pulse-mixing extractor. A. I. Gordinov, A. F. Galeev. Neftepromtekhika no. 7:39-41 '66.

EXTRAORDINARY REMEDIES

New matter in civil cases on the appellate or supervisory level. A. Kalpina. Sots. zakon. no. 5:39-41 My '66. Procuratorial supervision practice. Sots. zakon. no. 5: 85-90 My '66.

EXTRAORDINARY REMEDIES—BIBLIOGRAPHY see Bibliography—Extraordinary remedies

EXTREMITIES (ANATOMY)—FRACTURES

Biomechanical study of metatarsal osteosynthesis in epimetaphyseal fractures. A. I. Seppa. Ortop., travm. i protez. 27:53-60 My '66.

EXTREMITIES (ANATOMY)—INNERVATION

Analysis of humoral and neural effects on the vessels of extremities during stimulation of the splanchnic and brachial nerves. I. M. Rodionov, V. P. Kulagin. Fiziol. zhur. 50 no. 7:847-854 Ji '64.

EXTREMITIES, LOWER—WOUNDS AND INJURIES

Characterization of the loss of blood in closed fractures of the locomotor apparatus. V. P. Puharitskii. Ortop., travm. i protez. 27 no. 5:35-40 My '66.

Some problems of anesthesia and reanimation in patients with hip injuries and 4th-degree shock. A. H. Akuch'ev. Ortop., travm. i protez. 27 no. 5:11-15 My '66.

EXTRUSION (METALS)

Making of eight-rib steel pipe on horizontal hydraulic presses. S. I. Borisov and others. Stal' 46 no. 6:537-539 Je '66.

EXTRUSION (METALS)—EQUIPMENT AND SUPPLIES

Equipment for the extrusion of metals by high pressure fluids. E. B. Martynov and others. Met. i metalloved. chist. i met. no. 3:172-180 '66.

EYE

Reflection of visual organ and its diseases in Turkish folklore. D. G. Imuduklia. Trudy Turk. nauch.-issl. trakh. inst. 0:223-247 '66.

EYE—ACCOMMODATION AND REFRACTION

Disorders of visual adaptation in schizophrenia. E. A. Shcherbina. Zhur. nerv. i psikh. 60 no. 6:1214-1219 '66.

State of refraction in schoolchildren of Ashkhabad and measures to prevent progress of myopia. G. S. Heid'yeva, Kh. D. Durd'yev. Trudy Turk. nauch.-issl. trakh. inst. 0:205-208 '66.

EYE—DISEASES

(see also subdivision under Ashkhabad)

Activity of ophthalmological office of Krasnovodsk Petroleum Refinery. V. M. Helik. Trudy Turk. nauch.-issl. trakh. inst. 0:169-197 '66.

Dispensary service for patients with eye diseases of Cheleken Chemical Plant. G. N. Litvinenko, Kh. G. Amrardzhepov, A. B. Berdyev. Trudy Turk. nauch.-issl. trakh. inst. 0:131-134 '66.

EYE—SURGERY

Effectiveness of homotransplantation of the thyroid gland into the anterior chamber of the eye in frogs. G. P. Sosnova. Biul. eksp. biol. i med. 61 no. 4:101-105 Ap '66.

Further observations on effectiveness of surgical treatment of trachomatous cicatricial xerops. N. M. Nurmanalov. Trudy Turk. nauch.-issl. trakh. inst. 0:91-90 '66.

Surgical treatment of glaucoma based on materials of eye clinic of Turkmen State Medical Institute for period 1960-1964. Z. K. Heknazarova. Trudy Turk. nauch.-issl. trakh. inst. 0:167-171 '66.

EYE—TENSION see Intraocular pressure

EYE—XEROSES

Further observations on effectiveness of surgical treatment of trachomatous cicatricial xerops. N. M. Nurmanalov. Trudy Turk. nauch.-issl. trakh. inst. 0:91-90 '66.

EYELIDS—CANCER

Immediate and late results of treating skin cancer of eyelids with different types of ionizing radiation based on materials of State P. A. Gerdteon Oncological Institute. B. B. Berdyev. Trudy Turk. nauch.-issl. trakh. inst. 0:200-210 '66.

EYELIDS—DISEASES

Correction of recurrent trichiasis and entropion following previous tarsal or marginal plastic surgery. D. I. Artyomov, N. V. Rodionova, B. B. Berdyev. Trudy Turk. nauch.-issl. trakh. inst. 0:104-109 '66.

Measures to eliminate sequelae of trachoma in eyelids. A. Boltanov. Trudy Turk. nauch.-issl. trakh. inst. 0:100-103 '66.

EYELIDS—SURGERY

Correction of recurrent trichiasis and entropion following previous tarsal or marginal plastic surgery. D.I. Artem'ev, N.V. Rodionova, B.B. Berdyev. Trudy Turk. nauch.-issl. trakh. inst. 6:104-106 '66.

FACTORIES—DESIGN AND CONSTRUCTION see subdivision under Irkutsk

FAR EAST, SOVIET see Soviet Far East

FARAB REGION (TURKMENISTAN)—GEOLOGICAL TIME

Find of Lower Permian flora in the Mangyshlak Mountains and the age of conglomerates in the Farab region. A.I. Levenko. Dokl. AN SSSR 198 no. 2:411-413 JI '66.

FARM MANAGEMENT

Improve land inventory, master the rotation of crops more rapidly. I.A. P. Gordinskii. Zemledelie 28 no. 5: 32-37 My '66.

Use active methods in introducing the new and advanced. A. Chistov. Agitator no. 6:34-40 Mr '64.

FARM MECHANIZATION

Advantages of over-all mechanization. V. Gabdullin. Agitator no. 6:51-54 Mr '64.

FARM MECHANIZATION—STUDY AND TEACHING see subdivision under White Russia

FARM PONDS see subdivision under Pollava Province

FARM PRODUCE—MARKETING

Procuratorial supervision over the observance of laws governing the purchase of farm produce. I. Chevskii. Sots. zakon. no. 5:70-72 My '66.

FARM PRODUCE—STORAGE

Biochemical aspects of protecting succulent plants from infectious diseases, germination, and over-ripening. I. V. Metil'skii. Izv. AN SSSR. Ser. biol. 31 no. 4:496-510 JI-Ag '66.

FARM PRODUCE—TRANSPORTATION

Gorin, D.I. [Automotive transportation of collective and state farms] Avtomobil'nyi transport kolhozov i sovkhov. Minsk, Urozhai, 1965. 119 p.

FASHION

[Fashion magazine] Zhur. mod no. 3 '66.

FASTS AND FEASTS—ORTHODOX EASTERN CHURCH

Pinehuk, L.T. [Holiday of Saint Elijah] P'in den'. Moskva, Polizdat, 1966. 76 p. (Besedy s verushchimi)

FAT METABOLISM

Comparative evaluation of assimilation of fats following different methods of gastric resection. M.A. Chistova, M.A. Vinogradova. Khirurgia 42 no. 6:41-45 Je '66.

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Caspian Sea region; Soviet Far East

FAULTS (GEOLOGY)—CLASSIFICATION see subdivision under Ukraine

FEED GRINDERS

"Volgar'-5" feed grinder. S. Ryzhov, A. Gogolov. Tekh. v sel'khoz. 20 no. 6:52-54 Je '66.

FEED MILLS

Automation of a feed preparation shop for swine farms. L. Tesnovats, I.U. Klockov. Tekh. v sel'khoz. 26 no. 6:23-26 Je '66.

Feed preparation shop of the Lenta Collective Farm. N. Bondarenko. Tekh. v sel'khoz. 26 no. 6:27-28 Je '66.

FEEDING—EQUIPMENT AND SUPPLIES

Feed distribution device for dairy farms. V. Olenov. Tekh. v sel'khoz. 26 no. 6:28-31 Je '66.

Improvement of the design of the ZSK-1, 0 feed steamer. I. Minko. Tekh. v sel'khoz. 26 no. 6:31-32 Je '66.

FEEDWATER PURIFICATION

Analysis of methods used in the preparation and treatment of water in the steam power plants of seagoing ships. A.K. Gol'denfon. Inform. sbor. TSNIIMF no. 154. Tekh. ekpl. mor. flota no. 47:60-69 '66.

FELDSPAR see subdivision under Ural Mountains

FENNOSCANDIA—GEOLOGY, STRATIGRAPHIC

Interglacial and interstadial Upper Pleistocene sediments of Fennoscandia and their absolute age. K.I. Nikonova. Bul. MOIP. Old. geol. 41 no. 2: 103-109 Mr-Apr '66.

FERGANA PROVINCE—ROCKS, SEDIMENTARY—ANALYSIS

Epigenesis of Pliocene reservoir sands in northwestern Fergana. N.N. Bakun. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 6: 16-21 Je '66.

FERGANA PROVINCE—WATER, UNDERGROUND

Epigenesis of Pliocene reservoir sands in northwestern Fergana. N.N. Bakun. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 6:16-21 Je '66.

FERMENTED MILK see Milk, Fermented

FERMIONS

Motion in an electric field of a neutral fermion having an anomalous magnetic moment. I. M. Ternov, V.G. Bagrov. Dokl. AN SSSR 166 no. 6:1298-1299 Je '66.

FERRITES (MAGNETIC MATERIALS)

Effect of electrolysis conditions on the form of the hysteresis loop in electrodeposition of hard-magnetic alloys. B.I.A. Kaznachei, V.M. Zhogina, V.I. Pochtareva. Trudy VNAIZ no. 8:61-86 '61.

Equilibrium constants of reactions in ferrite dissociation. V.N. Bogoslovskii and others. Izv. AN SSSR. Neorg. mat. 2 no. 6:1058-1063 Je '66.

Magnetic induction of ferrites controlled by the introduction of activator ions. D.I.E. Bondarev. Dokl. AN SSSR 169 no. 1:81-84 JI '66.

Magnetic recording tape based on fine-dispersed cobalt ferrite powder. A.S. Elusovitch. Trudy VNAIZ no. 8:46-60 '61.

Magnetochemical causes of transformation of the magnetic properties of scandium-containing ferrites. D.E. Bonarev. Izv. AN SSSR. Neorg. mat. 2 no. 6:1064-1071 Je '66.

FERROCENE

Phosphorylation of ferrocene derivatives. A.N. Na-smel'nikov, V.D. Vilychevskaya, A.I. Makarova. Dokl. AN SSSR 169 no. 2:351-354 JI '66.

FERROCYANIDES

Certain regularities in the thermal decomposition of metal ferrocyanides. G.B. Seifer, Z.A. Makarova. Dokl. AN SSSR 169 no. 2:358-360 JI '66.

FERTILIZATION OF PLANTS

Double fertilization of apple trees. A.I.A. Radionenko. Dokl. AN SSSR 168 no. 5:1208-1211 Je '66.

Mechanism of the selective fertilization of corn. S.I. Maletskii, E.V. Polovinkina. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:71-74 '66.

Study of the selective fertilization in corn variety "Pisovaya-845." S.I. Maletskii, E.V. Polovinkina. Genetika no. 4:74-76 Ap '66.

FERTILIZER SPREADERS

Improving machines for spreading anhydrous ammonium. V.I. Pogrebniak. Tekh. i org. proizv. no. 1:82-84 Ja-F '66.

Mineral fertilizer spreader on RPTU-2 truck. E.I. Kisil'syn. Tekh. i org. proizv. no. 1:85 Ja-F '66.

FERTILIZERS AND MANURES

(see also subdivision under Siberia, Eastern)

Effect of continuous use of manure and mineral fertilizers on fertility of sandy loam turf-Podzolic soils. E.S. Karpova, L.I. Petrova. Pochvovedenie no. 6:69-75 Ag '66.

Phase composition of phosphate slags obtained in the processing of ferrophosphorus for fertilizers. S.B. Kapilevich, A.V. Rudnova. Izv. AN SSSR. Neorg. mat. 2 no. 6:1120-1134 Je '66.

Role of agrochemical cartograms and field experiments in the correct use of fertilizers. L.I. Korableva, T.I. Ryndina. Khim. v sel'khoz. 4 no. 6:68-74 Ag '66.

Ways of reducing the loss of mineral fertilizers. G.S. Pavlova. Trudy INKH no. 4:34-46 '66.

FERTILIZERS AND MANURES—ECONOMIC ASPECTS

Economic effectiveness of mineral fertilizers and its calculation in planning the development of agriculture. K.S. Oleshko. Khim. v sel'khoz. 4 no. 6: 69-71 Je '66.

Methodology of determining economic effectiveness of mineral fertilizers in various regions of U.S.S.R. L.G. Chernega. Khim. v sel'khoz. 4 no. 7:54-58 JI '66.

FERTILIZERS AND MANURES—MICROBIOLOGY

Some data of biological processes in manure and manure-soil composites aged in piles. S.I.A. Mekhtiev, E.S. Ali, M.F. Iakimova. Mikrobiol. prots. v pochv. Mold. no. 2:23-28 '66.

FERTILIZERS AND MANURES—PRESERVATION AND STORAGE

Selecting the optimal capacity of storehouses for mineral fertilizers and their distribution. N.T. Koni'ev. Khim. v sel'khoz. 4 no. 6: 63-68 Je '66.

FERTILIZERS AND MANURES—RESEARCH see subdivision under Moldavia

FERTILIZERS AND MANURES—TRANSPORTATION

Methods for delivery of mineral fertilizers to collective and state farms. V.P. Alex'ev, G.S. Pavlova. Khim. v sel'khoz. 4 no. 7:59-62 JI '66.

FEVER

Cultivation of the pathogen of tsutsugamushi fever in tissue cultures. R.G. Dudaolova, I.V. Tarasevich. Zhur. mikrobiol. eptid. i immun. 43 no. 7:130-132 JI '65.

Thermoregulation and pyrogenic reactivity in rats. E.A. Shevel'ko. Fiziol. zhur. 50 no. 7:901-906 JI '64.

FIBERBOARD

Effect of various technological conditions on the properties of fiberboard made from birch and pine by dry molding. N.I.A. Solodnik, A.P. Shishkina, G.I. Tsarev. Der. prom. 15 no. 6:10-20 Je '66.

FIBRINOGEN

Content of fibrinogen in the blood of patients with disorders of coronary blood circulation. S.S. Guntia, L.N. Kiseleva. Lab. delo. no. 5:266 '66.

Quantitative determination of blood plasma fibrinogen using the method of electrophoresis in agar gel. V.P. Ukhov. Lab. delo. no. 5:269-274 '66.

FIBRINOLYSIS

Separate determination of the activity of blood fibrinolysin and antifibrinolysins. N.A. Shilko. Lab. delo. no. 5:266-269 '66.

Spontaneous variations of fibrinolysis. M.G. Shernyavskii. Lab. delo. no. 5:274-276 '66.

FIBROBLASTS

Radiosensitivity and mutability characteristics of the fibroblasts of embryonal tissues in mice, irradiated at different phases of the mitotic cycle. I.U. A. Mitrofanov. Genetika no. 4:31-37 Ap '66.

FIELD CROPS

(see also subdivision under Estonia)

Kazan. Universitet. [Plant interrelationships in plant communities] Vzaïmoosobsheniia rastenii v rastitel'-nom soobshchestve. [Kazan'] 1964. 336 p. (DNAI)

FIELD CROPS—CONGRESSES

From conference of scientists. I. Vasilenko. Zerk. i mol. kul't. 1 no. 1:47-48 '66.

FIELD CROPS—DISEASES AND PESTS see subdivision under Soviet Central Asia

FIELD CROPS—FERTILIZERS AND MANURES

(see also subdivision under Ukraine)

Bases of calculation methods for determining amount of fertilizers. V.P. Knipser. Zemledelie 28 no. 7:57-60 JI '66.

Development of system of fertilizers in crop rotation. K.F. Savinskii. Zemledelie 28 no. 7:53-57 JI '66.

Use of fertilizers on collective and state farms in non-Chernozem zone of U.S.S.R. S.G. Skokhin. Khim. v sel'khoz. 4 no. 7:65-67 JI '66.

FIELD CROPS—IRRIGATION see subdivision under Volga Valley

FIELD EMISSION

Theory of field emission from metals. F.I. Ilkovich. Zhur. ekpl. i teor. fiz. 50 no. 5:1425-1437 My '66.

FIELD EXPERIMENTS

Role of agrochemical cartograms and field experiments in the correct use of fertilizers. L.I. Korableva, T.I. Ryndina. Khim. v sel'khoz. 4 no. 6:68-74 Ag '66.

FIELD THEORY

Al'pin, L.M. [Field theory] Teoriia polia. Moskva, Nedra, 1966. 384 p.

Cohomologies of groups of units in normal extension of local field. Z.I. Norevich. Vest LGU 21 no. 13: 124-125 '66.

FIELDS, ALGEBRAIC

Automorphism of algebraic groups. V.P. Piatonov. Dokl. AN SSSR 168 no. 6:1257-1260 Je '66.

FIGHTER PLANES

When target is below the fighter. V. Seregin. Av. i kosm. no. 8:57-58 Ag '66.

FILM (MOSCOW PROVINCE)—MOTORBUSES

Rusov, V.A. [25th anniversary of the Film motorbus-trolleybus unit] 25 let raboty fil'skogo avtobusno-troleibusnogo parka. Moskva, Stroizdat, 1966. 136 p.

FILM (MOSCOW PROVINCE)—TROLLEYBUSES

Rusov, V.A. [25th anniversary of the Film motorbus-trolleybus unit] 25 let raboty fil'skogo avtobusno-troleibusnogo parka. Moskva, Stroizdat, 1966. 136 p.

FILLERS (CHEMICAL TECHNOLOGY)

Effect of fillers on properties of compositions based on thermostable polymers. V.V. Korshak and others. Plast. massy no. 8:56-58 '66.

FILTER THEORY

- Asymptotic stability of optimal filters. S. P. Dmitriev, G. I. A. Dolgintseva, A. A. Ignatov. *Avtom. i telemekh.* no. 6:50-60 '66.
- Cognitive system as a predictive filter. A. G. Ivakhnenko, L. I. Voronova. *Izv. AN SSSR Tekhn. kib.* no. 2:77-85 Mr-Apr '66.

FILTERS AND FILTRATION

- Studying the filtering properties of two-layer ceramic metal filters. A. A. Gaiushkin, S. M. Solonin. *Porosh. met.* 6 no. 7:22-37 JI '66.
- Uniform permeability of porous metals. S. A. Druzhinin. *Porosh. met.* 6 no. 7:97-101 JI '66.
- Ways of quality improvement of formable magnesium alloys. Zh. V. Tokarev, M. A. Krut'kov. *Trudy Ural. politekh. inst.* no. 145:109-115 '65.

FINANCE

(see also subdivision under Moscow; Underdeveloped Areas)

- Economic reform and new correlations in distribution of monetary resources. I. Slavnyi. *Fin. SSSR* 40 no. 7:37-44 JI '66.

[Economics and finance of socialist enterprises] *Ekonomika i finansy socialisticheskikh predpriyatiy*. Izd. 2. Moskva, Finansy, 1966. 415 p.

In the Collegium of the Ministry of Finance of the U.S.S.R. *Fin. SSSR* 40 no. 8:92-94 Ag '66.

Lisitsyn, M. A. [Complete business accounting is a demand of life] *Pomyaspadachy razlik - pabravayanne zhytetsia*. Minsk, Belarus', 1966. 26 p. (U dapanomu vyvuchaluchym ekanomiku, no. 9)

Petrov, Yu. K. [Financial rights of the enterprise] *Finansovye prava predpriyatiy*. Moskva, Finansy 1966. 45 p. (Finansy promyshlennosti)

Some problems of financial organs' economic work under new conditions. I. Guzikov. *Fin. SSSR* 40 no. 7:7-12 JI '66.

Survey of articles and correspondence received by editor. *Fin. SSSR* 40 no. 7:75-78 JI '66.

FINANCE—HANDBOOKS, MANUALS, ETC.

Barun, M. A., comp. [Handbook on financial and economic calculations] *Spravochnik po finansovo-ekonomicheskim raschetam*. Moskva, Finansy, 1966. 486 p.

FINANCIAL STATEMENTS

Improve the report analyticity. V. Sirota. *Bukhg. uchët*, no. 6:25-27 Je '66.

Mallutin, L. A. [Balance and technique of accounting] *Balans i tekhnika ucheta*. [Leningrad] Lenizdat, 1966. 161 p.

FINES (PENALTIES)

Improve the performance of organs enforcing administrative sanctions. F. S. Resarenov. *Sov. gos. i pravo* 36 no. 8:119-124 Ag '66.

Judicial investigation of cases concerning the levying of fines by the administrative committees of local soviets. I. E. Dodin. *Rad. pravo* 29 no. 8:28-30 Ag '66.

FINGERS—TUMORS

Symptoms of glomus tumor of the fingers. O. S. Nikonova. *Sov. med.* 28 no. 5:135-137 My '66.

FINGERS—WOUNDS AND INJURIES

Late posttraumatic ruptures of the tendon of the extensor pollicis longus. R. D. Kharitonov. *Ortop., travm. i protez.* 27 no. 7:19-25 JI '66.

FINLAND—DESCRIPTION AND TRAVEL

From Helsinki to Lahti. V. Tsepunov. *Nov. vrem.* 24 no. 38:28-27 S '66.

FINOGENOV, KONSTANTIN IVANOVICH

Golovanov, N. N. [Konstantin Finogenov. Moskva, Sovetskii khudozhnik [1965] 51 p. 47 plates. (NIC)

FINS

Structure and hydrodynamic properties of caudal fin in Xiphiidae (Scombroidei, Pisces). V. V. Ovchinnikov. *Zool. zhur.* 45 no. 7:1105-1108 '66.

FIRE PREVENTION see subdivision under Armenia

FIREARMS—IDENTIFICATION

The meaning of the conclusion of an expert concerning the identity of a firearm identified through marks on a shell. V. Prosvirin. *Rad. pravo* 29 no. 7:39-42 JI '66.

FIREFLIES

Wing muscles of fireflies (Coleoptera, Lampyridae) with different degree of elytron and wing reduction. E. D. Davydova. *Zool. zhur.* 45 no. 7:1023-1032 '66.

FIRST AID IN ILLNESS AND INJURY

Khoroshev, A. F. [It depends on you, as a human being] *Eto ot tebia zavist, cheloveka*. [Leningrad] Lenizdat, 1965. 283 p. (Sovety vracha) (DNLM)

FISCHER INDOLE SYNTHESIS

Anomalous course of Fischer's reaction. L. N. Iakhotov, E. V. Pronina, M. V. Rubtsov. *Dokl. AN SSSR* 160 no. 2:361-364 JI '66.

FISH, CANNED

Ryndich, N. N. [Overall mechanized lines in the production of canned fish] *Kompleksno-mekhanizirovannyye liniy proizvodstva rybnokh konservov*. Moskva, Pishchevaia promyshlennost', 1966. 173 p.

FISH CULTURE

Effectiveness of mass and individual selection in fish culture. V. S. Kirpichnikov. *Genetika* no. 4:16-25 Ap '66.

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

Berezin, N. T. [Modern technology of fish processing] *Sovremennaya tekhnika obrabotki ryby*. Moskva, Pishchevaia promyshlennost', 1966. 277 p.

FISHERIES see subdivision under Black Sea; Lithuania; Russia; Northern

FISHERIES—RESEARCH

[Collection of international conventions treaties and agreements on fisheries and fishery research] *Sbornik mezhdunarodnykh konventsiy, dogovorov i soglashenii, kaznuishchikhsia rybolovstva i rybokhozhaystvennykh issledovaniy*. Moskva, Pishchevaia promyshlennost', 1966. 464 p.

FISHERY LAW AND LEGISLATION

[Collection of international conventions treaties and agreements on fisheries and fishery research] *Sbornik mezhdunarodnykh konventsiy, dogovorov i soglashenii, kaznuishchikhsia rybolovstva i rybokhozhaystvennykh issledovaniy*. Moskva, Pishchevaia promyshlennost', 1966. 464 p.

International laws which regulate fishery on the high seas. A. P. Davydov. *Sbor. mat. TSNIIMF* no. 156. *Mor. pravo i prak.* no. 3:13-10 '66.

Proposed international convention on fishery. *Sbor. mat. TSNIIMF* no. 156. *Mor. pravo i prak.* no. 3:70-73 '66.

FISHES

Distribution of bivalves by fishes. K. A. Voskresenskii. *Zool. zhur.* 45 no. 7:1007-1008 '66.

FISHES—DISEASES AND PESTS

(see also subdivision under Balkal Lake region)

Lilman, E. M. [Course in fish diseases] *Kurs boleznei ryb*. [3. izd.] Moskva, Vysshaya shkola, 1966. 330 p. (DNAL)

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—PARASITES see Parasites—Fishes

FISHING see subdivision under Maritime Territory

FISHING BOATS—EQUIPMENT AND SUPPLIES

Antreblov, G., O. Gushkin, and V. Neiman. [Fuel and water supply to ships at sea; from experience of tanker "Lokbatan" and water boat "Azneft" of the Kallinograd Refrigerator Fleet] *Snatzhenie sudov toplivom i vodoi na promysle; iz opyta raboty tankera "Lokbatan" i vodolosa "Azneft"*. [Kallinogradskoi bazy refrizheratsionnogo flota. Riga, Oldel nauchno-tekhn. informatsii TsPKTB, 1965. 19 p. (V pomoshch' promysloviku)]

FISSION PRODUCTS

Concentrations of long-lived fission products on the surface of the world ocean during the moratorium of 1950-1961. N. I. Popov. *Trudy Inst. okean.* 82:36-41 '66.

FISTULA, PANCREATIC

Treatment of pancreatic fistulas. O. I. Vinogradova, E. I. Fidrus. *Khirurgiya* 42 no. 6:147-153 Je '66.

FLAVONOIDS

Flavonoid and vitamin P content in some wild representatives of the flora of Kazakhstan. L. S. Aliukina, R. M. Kunneva, L. K. Klyashov. *Trudy Inst. bot. AN Kazakh. SSR* 22:128-138 '66.

Flavonoids from *Menha piperita*. Report No. 2. E. V. Hella and others. *Farmatev. zhur.* 21 no. 3:50-66 '66.

Flavonoids from *Spirodela polyrrhiza*. O. I. Tykhonov, P. I. Kryvchuk, V. I. Lytyvnenko, Farmatev. zhur., 21 no. 3:40-44 '66.

Qualitative study of some plants of Kazakhstan with regard to their flavonoid content. V. P. Mikhailova, O. U. Lushpa. *Trudy Inst. bot. AN Kazakh. SSR* 22:139-152 '66.

FLAX see subdivision under Galich District (Kostroma Province)

FLEAS

Feeding habits of flea larvae. D. P. Zhuzhikov, L. A. Kuznetsova. *Zool. zhur.* 45 no. 7:1102-1104 '66.

FLIES

Sprout fly as a pest of apricots. M. Skripnikova. *Zashch. rast.* 11 no. 7:30 '66.

FLIGHT CREWS

Engineer. N. Grifan. *Av. i kosm.* no. 6:47-48 Ag '66.

FLIGHT TRAINING

Conference. Z. Estrin. *Av. i kosm.* no. 6:26-30 Ag '66.

FLOCCULATION

Interaction and effect of physicochemical factors on the flocculation process of coal slimes. G. B. Borzhov, V. I. Fedosova. *Fiz.-tekhn. probl. razrob. pud. tekhn.* no. 3:131-134 '66.

FLOTATION

Kinetics of the physicochemical state of the liquid-gas interface and its role in the elementary role of flotation. V. A. Glembovskii, K. V. Gotsmanova, P. M. Gotsmanova. *Dokl. AN SSSR* 169 no. 1:139-142 JI '66.

Plaksin, I. N. [Modern trends in studying selective flotation for nonferrous and rare metal ores; report at the all-Union scientific conference on the subject "Problems for developing selective flotation of nonferrous, rare, and ferrous metal ores and placers especially from deposits in the Ukraine," Simferopol', September 28-October 11, 1966] *Sovremennyye napravleniya razvitiya selektivnoi flotatsii rud tsvetnykh i redkikh metallov; doklad na Vsesoyuznom nauchnom soveshchani po teme "Perspektivy razvitiya selektivnykh ustalov, osobennno mestorozhdenii Ukrainy," g. Simferopol', 28 sentyabrya-11 oktyabrya 1966 g.* Moskva, Int. gos. go dela in. A. A. Skochnikov, 1966. 20 p.

Theory of film flotation of minerals. V. I. Klassen, R. M. Malan'in. *Koll. zhur.* 20 no. 3:400-415 My '66.

FLOTATION—EQUIPMENT AND SUPPLIES

(see also subdivision under Kriyov Rog Basin)

Action mechanism of apolar reagent emulsions in fine ore flotation. P. A. Ushchev, V. I. Klassen. *Obog. rud* 11 no. 2:22-26 '66.

Effect of electromagnetic waves on the physical properties of water in the flotation of minerals. I. N. Plaksin, R. Sh. Shafeyev, V. A. Chanturina. *Fiz.-tekhn. probl. razrob. pud. tekhn.* no. 3:116-118 '66.

Influence of medium on floatability of sphene, apatite, and nepheline with various collectors. A. D. Maslov, T. S. Podchukova. *Obog. rud* 11 no. 2:37-41 '66.

Mechanism of atomizing sulfides with lime. V. V. Rybakov. *Obog. rud* 11 no. 2:14-17 '66.

Mechanism of the action of iron sulfide complexes in flotation. V. A. Konev. *Obog. rud* 11 no. 2:17-21 '66.

Peculiarities of separating lead-copper concentrates by sulfite methods. P. A. Chirnov. *Obog. rud* 11 no. 2:12-14 '66.

Plaksin, I. N., and V. I. Solov'yukhin. [Infrared spectroscopy of the surface layers of reagents on minerals] *Infrakrasnaya spektroskopiya povorkhnostnykh sloev reagentov na mineralakh*. Moskva, Nauka, 1966. 163 p.

Use of zincates in complex ore flotation. V. A. Konev, K. A. Razumov. *Obog. rud* 11 no. 2:6-11 '66.

FLOWMETERS

Electromagnetic flowmeter for liquid metals. M. V. Alavega, A. N. Kvaikov. *Blut. tekhn.-ekon. inform.* Gos. nauch.-issl. inst. nauch. i tekhn. inform. 39 no. 4:37-38 Je '66.

FLUE GASES—PURIFICATION

Gases formed in oxygen-blown converters during steel smelting, and their purification by burning up of carbon monoxide in the course of the gas outlet. P. E. Kharin, M. M. Zaitsev, I. S. Zhigalova. *Stal'* 36 no. 6:570-571 Je '66.

FLUID DYNAMICS

Bifurcation of rotary fluid flows. V. I. Udovalch. *Dokl. AN SSSR* 169 no. 2:306-308 JI '66.

Interaction of a two-phase gas-liquid flow in the vertical scrubber. F. S. Il'gin, B. P. Volgin. *Inzh. fiz. zhur.* 10 no. 6:771-775 '66.

Laminar flow of a conducting fluid in an open channel. B. A. Kolovandin. *Izv. vya. ucheb. zav. i energ.* 9 no. 7:70-76 '66.

Using the method of radioisotopes in investigating the parameters of the motion of particles in a quasi-fluidized bed. A. N. Kornilov, N. B. Kondukov. *Inzh. fiz. zhur.* 10 no. 6:764-770 '66.

FLUIDIZATION

Effect of a heterogeneous chemical reaction on the heat exchange between a fluidized bed and the surface. M. A. Glukov, V. V. Bolonov. *Izv. vya. ucheb. zav. i energ.* 9 no. 7:175-179 '66.

Results of the studies on the drying of coal preparation products in apparatus with a fluidized bed. Yu. B. Titunnikov and others. *Koks i khim.* no. 5:9-13 '66.

FLUIDS--THERMODYNAMICS

Experimental investigation of the effect of thermodynamic properties of a fluid on cavitation phenomena. N.S. Ershov, B.I. Borovskii, V.V. Iakimov. *Izv. vys. ucheb. zav. av. tekhn.* 9 no.2:130-136 '66.

FLUOROPHOSPHORIC ACID

Lowering polarographic wave height of subtilisin in the presence of diisopropyl fluorophosphate. I. D. Ivanov, E. E. Rakhileva, V. G. Krylova. *Izv. AN SSSR, Ser. biol.* 31 no.4:504-507 JI-Ag '66.

FLUORESCENT ANTIBODY TECHNIQUE

Use of the indirect fluorescent antibody technique in the titration of antibodies sera. M. A. Selimov, I. R. Lebedeva, E. V. Kiseleva. *Zhur. mikrobiol., epid. i immun.* 43 no.3:108-112 Ag '66.

FLUORIDE CRYSTALS--THERMODYNAMICS

Thermodynamic investigation of the processes for obtaining fluoride crystals. O. G. Polichenok. *Izv. AN SSSR, Neorg. mat.* 2 no.6:958-965 Ja '66.

FLUORIDES

Study of the ternary system NaF-KF-HF₄. I. M. Sheiko, H. O. Bukhalova, V. T. Mal'tsev. *Dop. AN URSSR* no.7:917-919 '66.

FLUORINATION

Reaction of direct fluorooxylation. Part I: Synthesis of trifluorovinyl- and chlorodifluorovinylamines. A. I. Iakubovich, A. P. Sergeev, E. N. Fogel'zang. *Zhur. ob. khim.* 36 no.7:1317-1325 JI '66.

FLUORINE see subdivision under Dniester Valley

FLUORINE--SPECTRA

Thermodynamic probability of some chemical reactions in the spectral determination of microgram quantities of fluorine. O. B. Troshkina. *Dop. AN URSSR* no.7:906-912 '66.

FLUORINE ORGANIC COMPOUNDS see Organo-fluorine compounds

FLUOROMETRY

Determination of some Azotobacter species by fluorometric method. Zh. S. Melkonian, A. V. Kirakosian, M. M. Karapetian. *Biol. zhur. Arm.* 19 no.6:39-46 Je '66.

FLUORPHLOGOPITE

Conditions governing the crystallization and some properties of artificial fluorphlogopite and other products of synthesis. I. N. Anikin, K. N. Rudich. *Trudy VNIP [MS]* 4 no.2:111-131 '66.

FLUORSPAR see subdivision under Kaznok region (Tajikistan); Tajikistan

FLUOSILIC ACIDS

Properties of silica gel formed in the interaction of hydrofluosilicic acid and aluminum hydroxide. L. D. Skrylev. *Koll. zhur.* 20 no.3:454-459 My-Je '66.

FOAM--AERATION

Selecting an efficient type of aerator. I. M. Muradian. *Neftprom. dolo* no.8:14-16 '66.

FOAM--ELASTIC PROPERTIES

Energy of the elastic system (foam) in a well. V. A. Amlian, N. P. Vasil'eva, I. M. Muradian. *Neftprom. dolo* no.6:25-27 '66.

FOG-SIGNALS

Liability for the collision of sea vessels caused by incorrect fog signals and inadequate observation. L. M. Egorov. *Sbor. mat. TSNIIMF* no.150. *Mor. pravo i prak.* no.3:21-27 '66.

FOLIC ACID REDUCTASE

Cobamide composition of folic acid reductase resistant to aminopterin. L. I. Areshkina, L. S. Kutsova, E. P. Skovobogova. *Dokl. AN SSSR* 160 no.1:227-228 JI '66.

FOLK MUSIC, BASHKIR

Allab'ev and Bashkir folk music. L. A. Ananova. *Sov. muz.* 30 no.5:101-111 My '66.

FOLK MUSIC, UKRAINIAN

From the cultural life of the Zaporozhians. A. I. Humenik. *Ukr. ist. zhur.* 10 no.6:107-112 Je '66.

FOLK SONGS

(see also subdivision under Palekh, Ivanovo Province)

Preserve the culture of folk singing. V. Z. Hlyov. *Sov. muz.* 30 no.5:98-100 My '66.

FOLK SONGS, WHITE RUSSIAN

Intentional structure of White Russian lyric melodies. T. A. Dubkova. *Vest. AN BSSR, Ser. hram. nav.* no.2:88-90 '66.

FOLKLORE, TURKMEN

Reflection of visual organ and its diseases in Turkmen folklore. D. G. Iomudskaja. *Trudy Turk. nauch.-issl. trakh. inst.* 8:223-247 '66.

FOOD--ANALYSIS

Mokhnachev, I. G., and M. P. Kuz'min. [Volatile substances in food products] *Letuchie veshchestva pishchevyykh produktov*. Moskva, Pishchevaia promyshlennost', 1966. 191 p.

FOOD--LABELING

Krasnala, B. I. A. A. Kirillova, and L. P. Zilakko. [Use of synthetic adhesives in the food industry] *Primenenie sinteticheskikh kleev v pishchevoi promyshlennosti*. Moskva, TsINTPishcheprom, 1966. 33 p.

FOOD INDUSTRY

Kozin, N. I., ed. [Use of emulsions in the food industry] *Primenenie emulsiy v pishchevoi promyshlennosti*. Moskva, Pishchevaia promyshlennost', 1966. 251 p.

FOOD INDUSTRY--EQUIPMENT AND SUPPLIES

[Equipment of the food industry] *Ref. zhur. Obor. pishch. prom.* no.6 Je '66.

FOOD INDUSTRY--HYGIENIC ASPECTS see subdivision under Karaganda Province

FOOD POISONING

Mixed food intoxication caused by pathogenic Staphylococcus and Proteus. P. M. Gribovskii, G. O. Taras'ian, I. U. M. Khartina. *Zhur. mikrobiol., epid. i immun.* 43 no.8:95-98 Ag '66.

FOOD SERVICE

Effective results of the use of semiprepared foods in the work of communal food serving enterprises. N. M. Liubina. *Vest. AN BSSR, Ser. hram. nav.* no.2:11-16 '66.

FOOT--ADNORMITIES AND DEFORMITIES

Apparatus used in the measurement of flatfoot and automatic determination of Friedland's index. V. R. Oster. *Ortop., travm. i protez.* 27 no.5:71-73 My '66.

FOOT--SURGERY

Methodology of operative treatment of a congenital clubfoot in children. P. F. Moroz. *Ortop., travm. i protez.* 27 no.5:47-53 My '66.

FOOT-AND-MOUTH DISEASE

Virulence of salivation during foot-and-mouth disease. B. M. Nagumanov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no.7:117-119 JI '66.

FORAMINIFERA, FOSSIL see subdivision under Aral Sea; Chukchi Peninsula; Kara Kum

FORCE AND ENERGY

Akademiia nauk URSS, Kiev. *Instytut problem materialoznavstva*. [Energy dissipation in elastic systems due to vibrations] *Rasseleniia energii pri kolebaniakh uprugikh sistem*. Pod red. G. S. Pisarenko. Kiev, Naukova dumka, 1966. 333 p.

Analyzing the capacity of rock breaking with the help of direct and reflected shock pulses. K. I. Ivanov, G. G. Monzlenko, N. N. Ushkov. *Vzryv. dolo* no.58:15-25:253-260 '66.

FOREIGN EXCHANGE

Brief information on foreign exchange and banks abroad. Den. i kred. 24 no.7:91-94 JI '66.

Developing countries and the world foreign exchange system of capitalism. K. Chizhov. *Fin. SSSR* 40 no.7:35-69 JI '66.

FOREIGN EXCHANGE PROBLEM

Modern capitalism: international foreign exchange problems. F. Byustrov. *Mir, ekon. i mezhdunar. cin.* no.7:27-39 '66.

FOREIGN VISITORS see Visitors, Foreign

FORENSIC CHEMISTRY see Chemistry, Forensic

FORENSIC MEDICINE see Medical jurisprudence

FORENSIC ORATIONS

Public prosecutor's speech opening his presentation of a criminal case. A. Ryvlin. *Rad. pravo* 20 no.2:38-41 F '66.

FORENSIC PSYCHIATRY

(see also subdivision under Kazan)

Acute depressive states with a vascular genesis in forensic psychiatry practice. F. V. Kondrat'ev. *Prak. sudebnopsikh. ekspert.* no.11:32-31 '66.

Delirious jealousy ideas in elderly persons and their evaluation in forensic psychiatry. V. N. Ponomarenko. *Prak. sudebnopsikh. ekspert.* no.11:32-36 '66.

Depersonalization syndrome in reactive depression. A. M. Annatsitskii. *Prak. sudebnopsikh. ekspert.* no.11:39-38 '66.

Dynamics of a recurrent reactive state with a pathological origin. N. R. Rakhmanov. *Prak. sudebnopsikh. ekspert.* no.11:50-58 '66.

Erroneous expert opinion linked with the misperception of delirious motives of behavior in a schizophrenic. E. V. Ivanovskaya. *Prak. sudebnopsikh. ekspert.* no.11:93-101 '66.

Forensic psychiatric expertise on sex offenses in alcoholism. E. E. Al'tner. *Prak. sudebnopsikh. ekspert.* no.11:67-76 '66.

Increasing the effectiveness of repressive measures of a medical nature as means of preventing the commission of dangerous public acts. A. A. Khomovskii. *Sov. gos. i pravo* 36 no.8:127-130 Ag '66.

Paranoid development as a stage of dynamics of "acquired" psychopathy (pathocharacterological development). N. A. Opris. *Prak. sudebnopsikh. ekspert.* no.11:84-92 '66.

Paranoid jealousy syndrome in a psychopathic personality. Z. G. Tarava. *Prak. sudebnopsikh. ekspert.* no.11:77-83 '66.

Problem of limited (reduced) accountability. S. E. Semenov. *Zhur. nev. i psikh.* 88 no.8:1288-1272 '66.

Review of the state of forensic psychiatric expertise and mandatory treatment in the U.S.S.R. based on reports of psychoneurological institutions for 1963. S. V. Torubarov, E. M. Kholodkovskaya. *Prak. sudebnopsikh. ekspert.* no.11:12-120 '66.

Role of vascular disorders in the formation of decompositions in a patient with traumatic lesion of the brain. S. P. Razumovskaya. *Prak. sudebnopsikh. ekspert.* no.11:17-25 '66.

Violation of law in a reactive state. I. A. L. Landau. *Prak. sudebnopsikh. ekspert.* no.11:10-19 '66.

FOREST ECOLOGY see subdivision under Darvazaki Range

FOREST INFLUENCES

Change climatic factors after the first stage of gradual cutting. K. K. Kalinin. *Izv. vys. ucheb. zav. i les. zhur.* 9 no.3:17-20 '66.

FOREST MANAGEMENT

Change in climatic factors after the first stage of gradual cutting. K. K. Kalinin. *Izv. vys. ucheb. zav. i les. zhur.* 9 no.3:17-20 '66.

Characteristics of the care of interillages in oak forest plantations in connection with the development of root systems. F. M. Levon. *Izv. vys. ucheb. zav. i les. zhur.* 9 no.3:21-25 '66.

FOREST NURSERIES see subdivision under Tomsk Province

FOREST PRODUCTS see subdivision under White Russia

FOREST SOILS

(see also subdivision under Lithuania; White Russia)

Effect of cultivation on fertility of leached Chernozems and grey forest soils in Penza Province. K. A. Kuznetsov, N. I. Nikolova. *Pochvovedenie* no.8:75-80 Ag '66.

Effect of nitrogen on forage bean yield in grey forest soil. N. V. Sergeeva. *Mikrobiol. prota. v pochv. Mold.* no.2:62-65 '66.

Use of nodula bacteria of soybean in grey forest soil. V. I. Sabel'nikova, V. A. Terelkova. *Mikrobiol. prota. v pochv. Mold.* no.2:42-47 '66.

FOREST THINNING

Method for calculating the intensity of the thinning of stands. V. M. Ivanuta. *Izv. vys. ucheb. zav. i les. zhur.* 9 no.3:38-42 '66.

FORESTRY ENGINEERING see subdivision under Gorkiy Province

FORESTS AND FORESTRY

(see also subdivision under Balkan Lake region; Sayan Mountains)

[Forestry and forest management] *Ref. zhur. Lesoved.* 1 lesoved. no.6 Je '66.

Moscow. *Tsentr'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoi, tsellulozno-bumazhnoi, derevozobratyvatelskoi promyshlennosti i lesnomu khoziaistvu*. [Use recent developments in production] *Novoe - proizvodstvo*. Moskva, 1965. 41 p. (Lesnoe khoziaistvo) [MICROFILM]

Russia (1923- U.S.S.R.). *Gosudarstvennyi komitet lesnogo khoziaistva*. [Forestry and the industrial utilization of wood in the U.S.S.R.; reports for the 8th World Forestry Congress] *Lesnoe khoziaistvo i promyshlennoe potreblenie dereviny v SSSR; doklady k VI Mirovomu lesnomu kongressu*. Moskva, Lesnaya promyshlennost', 1966. 616 p.

FORESTS AND FORESTRY--DRAINAGE

Sabo, E. D. [New developments in forest drainage] *Novoe v lesosushenii*. Moskva, Lesnaya promyshlennost', 1966. 106 p. (DNAL)

FORESTS AND FORESTRY--VALUATION

(see also subdivision under Germany, East)

Growth and productivity of pine and birch stands under various growing conditions on quartz-schist hills of the Kokchetav-Munachkinsky Peninsula and their economic evaluation. *Vest. sel'khoz. nauki [Kazakh.]* 9 no.7:67-73 JI '66.

FRICION MATERIALS

Antifiction properties of boron nitride during dry friction in gaseous media and at low temperatures. V. F. Afanas'ev, D. M. Karpinos. Porosh. met. 6 no. 7:40-52. J1 '66.

Feldman, D. L. [Epokslit' antifriction material] Antifriktsionnyi material "Epokslit." Leningrad, 1966. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Plasmassy i ikh primeneniye v promyshlennosti)

FRIT FLIES

Susceptibility of corn to Swedish fly. A. Koval', Zashch. rast. 11 no. 7:53 '66.

FROMM, ERICH, 1900-

Cherkasov, S. M. [True essence of neo-Freudianism] Istinnaya sushchnost' neofreйдizma. Leningrad, Ob-va "Znanie" RSFSR, 1966. 39 p.

FRONTS (METEOROLOGY)

Vertical motions in atmospheric fronts. A. I. Romov. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 6:561-575. Je '66.

FROST PROTECTION

For a complete solution of the problem of the reliable protection of citrus fruits from frost. G. S. Morozov. Subtrop. kul't. no. 1:1-5 '66.

Lessons of the severe 1963-1964 winter and the further improvement of citrus fruit growing. G. B. Nadarafa. Subtrop. kul't. no. 1:3-18 '66.

New methods for protecting citrus fruits from frost in subtropical regions of Krasnodar Territory. I. I. Lavritchuk. Subtrop. kul't. no. 1:25-30 '66.

Spraying winter coverings with dispersed water as a reliable method for protecting lemons from frost. S. V. Mgaloblishvili, A. I. Todua. Subtrop. kul't. no. 1:10-24 '66.

FROZEN GROUND see subdivision under Altai Mountains; Arctic regions; Chukchi Peninsula

FRUIT

Dzhafarov, A. F., M. V. Antonov, and E. N. Volkov. [Commercial guide to vegetables and fruits] Tovarovedeniye ovoshchei i plodov. Izd. 2, perer. i dop. Moskva, Ekonomika, 1966. 440 p.

FRUIT-CHEMICAL COMPOSITION

Fedorova, G. A. [Natural coloring matter in fruits and berries] Estestvennoye krasitelo v plodovo-lagodnykh syr'ye. Moskva, TsINTIPishcheprom, 1965. 37 p. [MICROFILM]

FRUIT-DISEASES AND PESTS

For the notebook. Zashch. rast. 11 no. 7:36 '66.

FRUIT-PICTORIAL WORKS

Petrov, A. V., G. P. Solopov, and N. K. Smol'daninova. [Most varieties of fruit, berries and grapes] Luchshie sorta plodovo-lagodnykh kul'tur i vinograda. Moskva, Rossel'khozizdat, 1965. 367 p. plates. (CU)

FRUIT-VARIETIES

Petrov, A. V., G. P. Solopov, and N. K. Smol'daninova. [Most varieties of fruit, berries and grapes] Luchshie sorta plodovo-lagodnykh kul'tur i vinograda. Moskva, Rossel'khozizdat, 1965. 307 p. plates. (CU)

FRUIT CULTURE

(see also subdivision under White Russia)
Herbicides in orchards. V. Zavarzin. Zashch. rast. 11 no. 7:22 '66.

Protect each fruit tree! N. Dubovik. Zashch. rast. 11 no. 7:40 '66.

FURFURAL—THERAPEUTIC USE

Clinical test and evaluation of the therapeutic action of furfural, a new Soviet preparation with ganglionic blocking effect in patients with bronchial asthma. A. S. Ponomareva, L. D. Shcherbak. Sov. med. 20 no. 7:49-53. J1 '66.

FUEL-ANALYSIS

Using methods of spectrum analysis to determine the metal content of lubricating oils and fuels. L. L. Kamenskaya. Inform. sbor. TSNIIMF no. 154. Tekh. ekapi. mor. floia no. 47:90-95 '66.

FUNCTIONAL ANALYSIS

A class of functionals from sample distribution functions of a stationary Gaussian process. I. U. M. Ryzhov. Dokl. AN SSSR 169 no. 1:35-37. J1 '66.

Comments on some papers dealing with use of principle of maximum. V. S. Novoselov. Vest. LGU 21 no. 13: 133-135 '66.

Convergence of minimizing sequences in conditional extremum problems. E. S. Levitin, B. T. Poliak. Dokl. AN SSSR 168 no. 5:997-1000. Je '66.

Imbedding theorems for a certain class of functional spaces. V. A. Dikarev. Dokl. AN SSSR 169 no. 8: 1239-1241. Je '66.

Local structure of continuous Markov processes. A. V. Skorokhod. Dokl. AN SSSR 169 no. 1:38-41. J1 '66.

Measures in linear spaces. G. E. Shilov. Dokl. AN SSSR 169 no. 1:46-48. J1 '66.

Necessary conditions for an extremum and their use in studying certain equations. A. M. Rubinov. Dokl. AN SSSR 169 no. 3:533-535. J1 '66.

One-dimensional singular equations in generalized functions. A. E. Kosulin. Mat. sbor. 70 no. 2:180-187. Je '66.

Optimization of nonlinear control systems in case when phase coordinates are bounded. V. F. Dem'yanov. Vest. LGU 21 no. 13:11-17 '66.

Quasi-analytic functionals in quantum field theory. V. P. Gachok. Dokl. AN SSSR 168 no. 5:1030-1032. Je '66.

The radiation equation in a space of generalized functions. A. Kaziev. Dokl. AN Tadzh. SSR 9 no. 6:7-10 '66.

Some geometrical properties of functions and mappings with generalized derivatives. I. U. G. Reshetniak. Sib. mat. zhur. 7 no. 4:866-919. J1-Ag '66.

FUNCTIONAL EQUATIONS

Functional equations in Hilbert space. G. S. Dadunashvili. Sobh. AN Gruz. SSR 43 no. 1:17-22. J1 '66.

Generalization of Boussinesq-Galoykin's solution to apply to anisotropic bodies. Kh. B. Berkinov. Dokl. AN Tadzh. SSR 9 no. 6:3-6 '66.

FUNCTIONS

Aizerman, M. A., and others. [The method of potential functions in the problem of the reconstruction of characteristics of a functional transformation at randomly observed points] Metod potentsial'nykh funktsii v zadache o vosstanovlenii kharakteristik funktsional'nogo preobrazovaniya po skhlatno nabludayemym tochkam. Moskva, 1964. 21 p. (Problemy rasshireniya vozmozhnostei avtomatov, no. 3) (CSImoR)

Estimation of central moments. V. N. Malozemov. Vest. LGU 21 no. 13:131-132 '66.

Imbedding discrete fields into connected fields. A. F. Mutyin. Dokl. AN SSSR 168 no. 5:1005-1009. Je '66. Imbedding theorems for functions defined on unbounded regions and their application to boundary value problems for a polyharmonic equation. T. S. Pigolkina. Dokl. AN SSSR 168 no. 5:1012-1014. Je '66.

Milne's problem with an arbitrary indicatrix and with allowance for the azimuthal inhomogeneity of the solution. M. V. Maslennikov. Dokl. AN SSSR 168 no. 5:1001-1004. Je '66.

Probability interpretation of Zadeh affiliation functions and their use in image cognition. V. I. Loghinov. Izv. AN SSSR, Tekh. kib. no. 2:72-73. Mr-Ap '66.

FUNCTIONS-BOUNDARY VALUE PROBLEMS

A boundary value problem involving linear conjugation with a shift. T. Z. Chochiev. Trudy Vych. tsentra AN Gruz. SSR 63:153-174 '65.

FUNCTIONS-CONGRESSES

International Symposium on Applications of the Theory of Functions in Continuum Mechanics, Tbilisi, 1963. [Applications of the theory of functions in the mechanics of a continuum; transactions of the International Symposium in Tbilisi, September 17-23, 1963] Prilozheniya teorii funktsii v mekhanike sploshnoi sredy; trudy Mezhdunarodnogo simpoziuma v Tbilisi, 17-23 sentabrya 1963 g. Pod red. N. I. Muskhelishvili, L. I. Sedova i G. K. Mikhalova. Moskva, Nauka, 1965. 2 v. diagrs. [In Russian English and French] (NNC)

FUNCTIONS, ALGEBRAIC

Algebraic independence of values of E-functions satisfying linear inhomogeneous differential equations of the third order. V. A. Oleinikov. Dokl. AN SSSR 169 no. 1:32-34. J1 '66.

FUNCTIONS, ANALYTIC

Conjugate functions and Cauchy-type integrals. G. A. Khukhivadze. Trudy Mat. inst. AN Gruz. SSR 31 pt. 1: 5-54 '66.

Functions, analytic in half-plane. A. G. Dzharvashvili. Trudy Mat. inst. AN Gruz. SSR 31 pt. 1:91-109 '66.

Integral representations of holomorphic functions of several complex variables. I. I. Bavrta. Dokl. AN SSSR 169 no. 3:495-498. J1 '66.

Transcendence and algebraic independence of values of E-functions satisfying linear inhomogeneous differential equations of the second order. A. B. Shidlovskii. Dokl. AN SSSR 169 no. 1:42-45. J1 '66.

Use of generalized analytic functions in solving a three-dimensional axisymmetric problem in the theory of elasticity for multiply connected solids of revolution. I. U. I. Solov'ev. Dokl. AN SSSR 169 no. 2:310-313. J1 '66.

FUNCTIONS, ANALYTIC-BOUNDARY VALUE PROBLEMS

Approximate solution of Riemann-Hilbert's problem. M. A. Alekseyev. Trudy Vych. tsentra AN Gruz. SSR 63:103-122 '65.

FUNCTIONS, AUTOMORPHIC

Spectrum of ergodic automorphisms. V. I. Oseledets. Dokl. AN SSSR 168 no. 5:1009-1011. Je '66.

FUNCTIONS, CONTINUOUS

Conception of a linear structure which is normal in itself and some applications of this conception in the theory of linear and linear normed structures. A. I. Veksel'. Izv. vya. ucheb. zav.; mat. no. 4:13-22 '66.

Optimal processes with a delay. G. N. Serikov. Izv. vya. ucheb. zav.; mat. no. 4:109-113 '66.

Set of convergence of one-dimensional iterations. O. M. Sharkovskiy. Dop. AN URSS no. 7:866-870 '66.

Two theorems on the approximation of functions by algebraic polynomials. S. A. Teliauskii. Mat. sbor. 70 no. 2:252-265. Je '66.

FUNCTIONS, ENTIRE

Approximation of functions by V. A. Steklov averages. F. I. Kharshtadze. Trudy Mat. inst. AN Gruz. SSR 31 pt. 1:55-70 '66.

Comparison of integral functions of finite order by the distribution of their roots. I. F. Krasichkov. Mat. sbor. 70 no. 2:198-230. Je '66.

Increase of integral functions of several complex variables. L. I. Ronkin. Dokl. AN SSSR 169 no. 3:529-532. J1 '66.

FUNCTIONS, ORTHOGONAL

Fejer-Shohat problem. Z. S. Grinshpun. Vest. LGU 21 no. 13:125-129 '66.

FUNCTIONS, PERIODIC

Approximation of a periodic function by a bounded semi-additive operator. V. V. Zhuk. Dokl. AN SSSR 169 no. 3:516-519. J1 '66.

A method of approximation of periodic functions by trigonometric polynomials. N. M. Pavlovskii. Izv. vya. ucheb. zav.; mat. no. 4:56-73 '66.

Structural and constructive characteristics of a certain class periodic functions. V. M. Kokilashvili. Sobh. AN Gruz. SSR 43 no. 1:3-8. J1 '66.

FUNCTIONS OF COMPLEX VARIABLES

Inverse theorems on best approximations of functions of complex variables. G. P. Safronova. Vest. LGU 21 no. 13:40-45 '66.

Study of a generalized system of singular integral equations in a class of Pogorzelski's Φ functions. V. Zakavski, G. A. Magomedov. Dokl. AN SSSR 168 no. 5:980-992. Je '66.

Summator analogs of integral operators in complex region. L. A. Kal'nbol'skaya. Vest. LGU 21 no. 13: 130-131 '66.

FUNGI

Simpozium priblizhennykh mikologov i likhenologov. 4th. Tartu, 1965. [Problems of mycology and lichenology] Problemy izucheniya grzyb i lichainikov. Tartu, Akad. nauk Estonskoi SSR, 1965. 217 p. (MH)

FUNGI-PHYSIOLOGY

Akademiya nauk SSSR. Nauchnyi sovet "Biologicheskii osnovy ratsional'nogo ispol'zovaniya, preobrazovaniya i iskhvaty rastitel'nogo mira." [Products of the biosynthesis of higher fungi and their use] Produkty biosinteza vysshikh grzyb i ikh ispol'zovanie. Moskva, Nauka, 1966. 134 p.

FUNGI, PHYTOPATHOGENIC

Mycoflora of Vitis silvestris Gmel. in the Talysh. S. A. Dzhafarov. Trudy Inst. bot. AN Azerb. SSR 24:5-14 '64.

FUNGICIDES

New fungicides for the control of apple powdery mildew. V. F. Peregaykin, I. U. V. Kalkuzhnyi. Khim. v sel', khor. 4 no. 6:23-25. Ag '66.

FUR FARMING

(see also subdivision under Kazakhstan)

Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zhivotnogo syr'ia i pushliny. [Problems of hunting and trapping and fur farming; materials of a scientific conference... April 6-12, 1964] Voprosy okhotnich'ego khozaistva i zverovodstva; materialy nauchnoi konferentsii... 6-12 aprelya 1964 g. Moskva, Ekonomika, 1965. 350 p.

FURALDEHYDE

Catalytic activity of acids in the conversion of xylose into furfural. V. K. Kononov, V. I. Sharikov. Izv. vya. ucheb. zav.; mat. zhur. 9 no. 3:145-150 '66.

FURNACES

Shekhin, A. A. [Gases and furnaces in industrial plants] Gazovoe i pechnoe khozaistvo zavodov. Moskva, Energiya, 1966. 231 p.

FURNACES, HEATING

Equalizing the temperature of a plate following asymmetrical heating. B. F. Zolnits. Izv. vuz. ucheb. zav.; chem. met. 8 no. 7:184-187 '66.

Komina, G. P. [Gas-fired air-heating furnace for drying buildings; using the mixture of combustion products of hydrocarbon gas and air] Gazovaya vozdukhonagrevatel'naya pech' dlia suskhi zdani; ispol'zovanie smesi produktov sgoraniia uglevodorodnogo gaza s vozdukhom dlia suskhi zdani. Leningrad, 1966. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennoi opyt. Seriya: Stroitel'nye proizvodstvo) Modernizing burners of forge-shop furnaces for noise control. A. N. Pekker, E. V. En'kov, V. I. A. Lutyi. Tekhn. org. proizv. no. 1:27-28 Ja-F '66.

FURNACES, HEATING—CONGRESSES

At the Scientific Technological Society of Ferrous Metallurgy. Problem of mechanized continuous heating of steel products in furnaces. V. N. Grigor'ev. Stal' 26 no. 6:550-561 Je '66.

FURNACES, MELTING see Smelting furnaces

FURNITURE

Davidenko, V. K. [Designing woodwork and furniture] Konstruktsionnye stolarno-mebel'nykh izdelii. Moskva, Lesnaya promyshlennost', 1966. 249 p. Determining the population's demand for furniture. A. Margolin. Sov. torg. 39 no. 7:46-48 Ji '66.

FURNITURE INDUSTRY

Dryer for polyester varnish coatings of panel parts of furniture with automatic regulation of drying conditions. H. A. Morozenko. Lis., pap. i der. prom. no. 3: 17-18 My-Je '66. Equipment for polishing scantling and panel parts of furniture. O. V. Klymenchuk, E. A. Iezers'kiy. Lis., pap. i der. prom. no. 3: 12-16 My-Je '66.

Improving the surface of polyester varnish coatings. B. M. Buglai, T. A. Matveeva. Der. prom. 15 no. 6: 3-5 Je '66.

Plastic panels as structural material for furniture. V. A. Kin' and others. Der. prom. 15 no. 8:24-25 Ag '66.

Surface unevenness of panel parts of furniture. E. V. Alendorf. Der. prom. 15 no. 8:8-9 Ag '66.

FURNITURE INDUSTRY—FINANCE see subdivision under Leningrad

FURNITURE INDUSTRY—STANDARDS

Standardization and normalization in the production of furniture. G. V. Portnov. Der. prom. 15 no. 6:1-2 Je '66.

FUSED SALTS

Iron corrosion in molten alkali metal and calcium chlorides and phosphates. V. P. Kochergin, Z. A. Shevrina, T. I. Fomina. Zashch. met. 2 no. 3:318-322 My-Je '66.

Nitriding in fused salts with the use of potassium ferrocyanide as active component. S. M. Gugel', M. G. TSIK-In, N. S. Kas'ianov. Sbor. rab. NITM no. 11:88-124 '65.

FUSED SALTS—CONGRESSES

Vsesoiuznoye soveshchaniye po fizicheskoi khimii rasplavlennykh solei. 2d. Kiev, 1963. [Physical chemistry of fused salts; transactions] Fizicheskaya khimiya rasplavlennykh solei; trudy. Moskva, Metallurgiya, 1965. 354 p.

FUSED SALTS—ELECTRIC PROPERTIES

Some electrochemical properties of glass membranes in fused media. H. A. Kolotits, I. U. K. Delimars'kiy. Dop. AN URSS no. 7:899-902 '66.

FUSES (BLASTING)

Fuse necks in the borehole. B. Volodin. Izobr. i rats. no. 6:40 Je '66.

GABOVICH, MIKHAIL MARKOVICH, 1905-

Big heart of an artist. Susanna Zviagina. Sov. muz. 30 no. 5:72-80 My '66.

GADZHIBEKOV, SULTAN, 1919-

Triumph of the love for life. E. Abasova. Sov. muz. 30 no. 5:34-36 My '66.

GALAXIES

Agekin, T. A. [Stars, galaxies, metagalaxy] Zvezdy, galaktiki, metagalaktika. Moskva, Nauka, 1966. 373 p.

Kukarkin, B. V., and V. G. Astakhova. [Life of the stars and galaxies] Zhizn' zvezd i galaktik. Moskva, Znaniye, 1966. 44 p. (Novoe v zhizni, nauke, tekhnika. XII Seriya: Estestvoznaniye i religiya, no. 7)

Powerful X-radiation from radio galaxies. V. L. Ginzburg. Usp. fiz. nauk 89 no. 4:549-552 Ag '66.

A scattered group of galaxies. I. D. Karachentsev. Dokl. AN Arm. SSR 42 no. 5:294-297 '66.

GALICH DISTRICT (KOSTROMA PROVINCE)—FLAX

Man makes the weather. V. Soboleva. Agitator no. 6: 25-28 Mr '64.

GALICIA—CATHOLIC CHURCH (BYZANTINE RITES)

Report on Archbishop Aleksei at the solemn session in Lvov, Zhur. Mosk. Patr. no. 6:9-15 '66.

GALICIA—EUROPEAN WAR, 1914-1918

[War crimes of the Habsburg monarchy, 1914-1917: Galician Ghetto] Voennye prestupleniya Gabsburgskoi monarkhii, 1914-1917 gg.: Galitskaya Ghetto. Trumbull, Conn., P. S. Hardy. Vol. 1. 1964 1 v.

GALICIA—ORTHODOX EASTERN CHURCH

Triumph of Orthodoxy on the territory of the Lvov-Ternopol' diocese, Archbishop Nikolai. Zhur. Mosk. Patr. no. 6:15-21 '66.

GALLBLADDER—DISEASES

Another symptom of chronic cholecystitis. A. T. Lidskii. Khirurgiya 42 no. 6:121-123 Je '66.

Decompression operations (cholecystojejunostomy, cholecystogastrostomy) in duodenal stenosis complicated by cholecystopancreatitis. E. V. Smirnov, O. B. Porembskii, A. D. Sinobzhankin. Khirurgiya 42 no. 6:127-131 Je '66.

Gallbladder cholesterosis. N. K. Perminkov, A. E. Podolskii. Khirurgiya 42 no. 6:110-115 Je '66.

Our experience in treating acute cholecystitis and cholecystopancreatitis. A. L. Lopukalina and others. Khirurgiya 42 no. 6:123-127 Je '66.

GALLBLADDER—INNERVATION

Electrocutaneous reflection of cholecysto-cardiac relations. B. V. Holov'skiy. Fiziol. zhur. [Ukr.] 12 no. 4:547-550 Ji-Ag '66.

GALLBLADDER—SURGERY

Causes of reconstructive operations on bile ducts following cholecystectomy and their results. B. A. Korolev, D. L. Plikovskii. Khirurgiya 42 no. 6:131-135 Je '66.

GALLIUM-ANTIMONY-TELLURIUM ALLOYS

Preparation and study of some physical properties of solid solutions in the system Ga - Sb - Te. A. A. Abdurakhmanova, M. I. Aliev. Izv. AN SSSR, Neorg. mat. 2 no. 4:667-669 Ap '66.

GALLIUM ARSENIDES

Dissolution of arsenic vapors in a gallium - arsenic melt. V. N. Vigdorovich, N. I. Zakharova. Izv. AN SSSR, Neorg. mat. 2 no. 6:1001-1010 Jo '66.

Influence of the individuality of an impurity on the scattering and polypoly of impurities in gallium arsenide of electronic conductance type. V. I. Flisul' and others. Izv. AN SSSR, Neorg. mat. 2 no. 4:657-658 Ap '66.

GALLIUM ARSENIDES—THERMAL PROPERTIES

Heat conductivity of solid solutions of the semiconductor compounds InP-GaAs, InSb-Si, InSb-Ge. L. A. Makovetskaya. Dokl. AN SSSR 10 no. 7:449-451 Ji '66.

GALLIUM SELENIDES—ELECTRIC PROPERTIES

Electric properties of alloys in the system CuGaSe₂ - GaSe. L. S. Palatnik, L. G. Manukova, V. M. Koshkin. Izv. AN SSSR, Neorg. mat. 2 no. 6:1031-1037 Je '66.

GALLIUM-SELENIUM ALLOYS

Study of the Ga - Se phase diagram. L. S. Palatnik, E. K. Belova. Izv. AN SSSR, Neorg. mat. 2 no. 4:770-771 Ap '66.

GALVANIC SKIN RESPONSE

Electrocutaneous reflection of cholecysto-cardiac relations. B. V. Holov'skiy. Fiziol. zhur. [Ukr.] 12 no. 4:547-550 Ji-Ag '66.

GALVANIZING

Tinning with pyrophosphates. A. N. Shirinova and others. Tekhn. i org. proizv. no. 1:64-65 Ja-F '66.

GALVANOMAGNETIC EFFECTS

"Plane" Hall effect in ferromagnetic metals. Yu. Din'ky. Zhur. eksp. i teor. fiz. 50 no. 5:1218-1225 My '66.

GALVANOMETER—TESTING

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Instruction 187-60 on testing galvanometers] Instruktسيا 187-60 po poverke gal'vanometrov. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 22 p.

GAME THEORY

Equivalency of concave-convex antagonistic games to mathematical programming problems. V. N. Lebedev. Izv. AN SSSR, Tekh. kib. no. 2:32-38 Mr-Ap '66.

The theory of games and international relations. G. Gerasimov. Mir, ekon. i mezhdunar. otn. no. 7:101-103 '66.

GAMES

Holaclova, Olga, Luba Klindova, and Anna Perdycheva. [Games in kindergarten. Translated from the Russian] Igra v detskom sadu. Moskva, Prosveshchenie, 1957. 251 p.

The secret package. G. Kozhin. Voen. muz. 42 no. 5:17-17 Ag '66.

GAMES OF STRATEGY (MATHEMATICS)

Approximation of an infinite game with the aid of a matrix game. D. A. Georgichant. Trudy Vych. ischita AN Gruz. SSR 6:3:123-131 '65.

GAMMA RAYS—EFFECT ON PLANTS see Plants, Effect of gamma rays on

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Effect of γ -radiation on polyesters of adipic acid and diethylene glycol. N. P. Apukhtina and others. Plast. massy no. 8:60-62 '66.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Answer to V. P. Paribok's letter. G. E. Frankin. Radiobiologiya 6 no. 4:636-637 '66.

Diurnal rhythm of the quantity of eosinophils in the peripheral blood of mice long after gamma irradiation. F. B. Shapiro, I. M. Panfilya, N. N. Chokhlovskiy. Biol. nauki 0 no. 3:107-112 '66.

G. E. Frankin's logical errors in determining radioactivity of the "controlling" and "programming" regions of the phage genome. V. P. Paribok. Radiobiologiya 6 no. 4:635-636 '66.

Nature of the postirradiation recovery of yeast cells from dominant lethality following temporary reproductive delay. V. S. Baranukov, O. V. Malinovsky, M. S. Shchegoleva. Genetika no. 4:139-146 Ap '66.

Relative biological effectiveness of fast neutrons and gamma rays following their action on the lymphatic and DNA of irradiated sperm. I. A. L. Shchekina, I. Brekhov, V. A. Strashkov. Radiobiologiya 6 no. 4:495-499 '66.

GAMMA RAYS—SCATTERING

Elastic scattering of γ -quanta by proteins at energies above the x-ray production threshold. I. A. Baranukov and others. Izd. fiz. 3 no. 6:1003-1012 Je '66.

Quadrupole interaction and the anisotropy of the Mössbauer effect as deduced from observations of gamma scattering of gamma quanta on polycrystals. B. A. Kondrasova, A. A. Sorokin, V. B. Shpinnel'. Zhur. eksp. i teor. fiz. 50 no. 6:1205-1217 My '66.

GAMMA RAYS—SPECTRA

Gamma-ray spectrum engendered in the capture of thermal neutrons in tellurium. L. V. Grushina, A. A. Klimov, N. Shul'ev. Izd. fiz. 4 no. 3:228-231 Ag '66.

GANGLETON

Comparative study of the effect of quaternary ammonium on blood coagulation. N. A. Apukhtina, Zh. B. Shchegoleva. Biol. zhur. Arm. 10 no. 6:35-38 Je '66.

GANGRENE

Role of lecithinase in the creation of immunity to experimental gas gangrene. I. A. Larion, M. V. Pototskaya. Zhur. mikrobiol. epid. i immunit. 43 no. 1:125-129 Ji '66.

GAS

Shchukin, A. A. [Gases and furnaces in industrial plants] Gazovoye pechnoye khozaiatvo zavodov. Moskva, Energiya, 1966. 231 p.

GAS, NATURAL

Determining gas factor of flowing wells without using traps. K. V. Vinogradov, E. Sh. Altov, G. I. Tikhonov. Azerb. neft. khoz. 45 no. 6:30-33 Ag '66.

GAS, NATURAL—ANALYSIS see subdivision under Soviet Central Asia

GAS, NATURAL—GEOLOGY

(see also subdivision under Baskal Lake region; Carpathian Mountain region; Caspian Sea region; Dnieper-Donets Lowland) Gazli Gas Field; Kara Kum; Kara Lowland; Second Bakui Tajik Depression; Ukraine; West Siberian Plain; Yenisey Valley) Uspenskaya, N. I., and Z. A. Tabachnikovskii. [Oil and gas provinces of the U.S.S.R.] Neftegazovaya provintsiya SSSR. Moskva, Nedra, 1966. 401 p.

GAS, NATURAL—HYDRATES

(see also subdivision under Bashkiria) Kinetics of the formation of natural gas hydrates. F. A. Trebin, V. A. Khoronchikov, A. V. Denchenko. Gaz. prom. 11 no. 6:10-14 '66.

GAS, NATURAL—PIPELINES

Reduced characteristics of the gas pipeline - transportation system. S. N. Sinityn. Gaz. prom. 11 no. 10-23 '66.

GAS, NATURAL—PROCESSING

Certain characteristics of gathering and separating gases and condensates in producing water-gas condensates. N. A. Trivov, B. M. Sudzhik-zade. Azerb. neft. khoz. 45 no. 8:24-30 Ag '66.

- GAS AND OIL ENGINES** see Internal combustion engines
- GAS AS FUEL**
Overall utilization of heat emitted by gaseous fuel in the Krasnokholmskiy Worsteds-Manufacturing Combine. L. I. Druskin, F. P. Kaz'min, M. G. Mett. *Gaz.prom.* 11 no. 6:42-45 '66.
- GAS BURNERS**
Gas-fired infrared burners with porous ceramic nozzles. B. M. Krivonogov. *Gaz.prom.* 11 no. 6:26-28 '66.
Infrared burners designed by the Special Design Bureau of the "Gazprihoravtomatika." R. N. Kashin, R. R. Kibbel'. *Gaz.prom.* 11 no. 6:36-38 '66.
Low-pressure radiant burners in closed chambers. A. N. Vyshol'skiy, I. E. Shmuel'son. *Gaz.prom.* 11 no. 6:30-32 '66.
New gas and mazut burners. A. E. Erinov, A. I. Andriko. *Energ. i elek.* no. 3:18 My-Je '66.
Sanitary and hygienic characteristics of gas-fired infrared heating systems. K. N. Pravyrovov, Zh. V. Mirzolan. *Gaz.prom.* 11 no. 6:33-36 '66.
- GAS CHROMATOGRAPHY**
Preparation of pure substances by elution-heat displacement chromatography. V. G. Berezkin, E. G. Rastan-nikov. *Neftekhimika* 6 no. 3:487-491 My-Je '66.
Some elution characteristics of dicarboxylic acid esters. G. N. Freidlin, I. U. L. Vysotskiy, V. I. Bushinskii. *Zhur.ob.khm.* 36 no. 7:1193-1197 JI '66.
Study of intermolecular reactions as applied to the analysis of mixtures. Part 2: Some polymers based on pyridine and hexamethylenetetramine as stationary phases. F. F. Cheshko, V. F. Sakhenko, R. A. Parubova. *Zhur.ob.khm.* 36 no. 7:1175-1181 JI '66.
Use of the rapid heating of column in chromatography after separation of components under isothermal conditions. V. G. Berezkin, V. S. Tatarinskiy, Neftekhimika 6 no. 3:492-500 My-Je '66.
- GAS DISTRIBUTION**
Odel'kii, E. Kh. [Gas supply] Buzosnabzhenie. *Izd. 2, perer.* Minsk, Vysshaya shkola, 1966. 336 p.
Smooth automatic pressure control in the collector of a compressor station. L. A. Shtern, B. S. Kokashin-skiy. *Prom. i energ.* 21 no. 6:32-38 Je '66.
- GAS DISTRIBUTION—SAFETY MEASURES**
Kotovich, F. V. [Safety measures in carrying out operations in municipal gas systems] Tekhnika bezopasnosti pri pol'zovaniye rabot v gorodskom gazovom khozaystve. Moskva, Stroiizdat, 1964. 73 p.
[MICROFILM]
- GAS DYNAMICS**
Motion and heat transfer of particles in a pulsating gas flow. L. D. Kapusta, M. I. Rabinovich, A. A. Shraiber. *Inzh. fiz. zhur.* 10 no. 8:744-749 '66.
Nesterikhin, I. U. E., and R. I. Solukhin. [Methods of high-velocity measurements in gas dynamics and plasma physics; special course for students of Novosibirsk State University] Metody skorostnykh izmerenii v gazodinamike i fizike plazmy; spetskurs dlia studentov NGU. Novosibirsk, Novosibirskii gos. univ., 1965. 127 p.
Self-similar motion of a relativistic gas in a concomitant coordinate system. V. T. Gurovich. *Dokl. AN SSSR* 169 no. 1:62-65 JI '66.
- GAS FIELD DEVELOPMENT** see subdivision under Subsoil Gas Field
- GAS FIELD FLOODING**
Possibilities of pulse radioactive methods of studying the isolation of flood zones in gas and gas condensate fields. I. U. V. Konoplev, I. U. A. Kitenko. *Gaz.prom.* 11 no. 6:5-9 '66.
- GAS FLOW**
Gas flow in layers having soft roofs. M. T. Abasov, A. M. Kuliev. *Azerb. neft. khoz.* 45 no. 6:26-28 Ag '66.
Hydrodynamics and mass exchange of a "live" gas jet with liquid. E. D. Khmelevskaya, Z. F. Chukhanov. *Dokl. AN SSSR* 168 no. 6:1307-1310 Je '66.
Investigating turbulent swirling flows. V. A. Shmelyanin and others. *Gaz.prom.* 11 no. 6:39-41 '66.
Mechanics and aerodynamics of a condense gravitational layer. I. U. N. Tonkonogit, Z. R. Gorbis. *Izv. vya. ucheb. zav.* 9 no. 7:77-85 JI '66.
Temperature measurement in a high-speed gas flow. B. S. Deichenan. *Trudy. Ufim. av. inst.* no. 2:23-32 '66.
- GAS INDUSTRY**
[see also subdivision under Czechoslovakia]
[Economics of the petroleum and gas industries] Ekonomika neflianoi i gazovoi promyshlennosti. [By] I. U. M. Malyshev i dr. Moskva, Nedra, 1966. 183 p.
- GAS INDUSTRY—EQUIPMENT AND SUPPLIES**
Operation of odorizing systems and installations. N. A. Lazebnyy, S. V. Severitov. *Neft. i gaz.prom.* no. 2:49 Mr-Apr '66.
- GAS INDUSTRY—FINANCE**
Capital assets of the gas industry and ways for improving their use. A. D. Brenta. *Gaz.prom.* 11 no. 6:1-4 '66.
- GAS MASKS**
It is visual and convincing. L. Knorozov. *Voen. znan.* 42 no. 7:24-25 JI '66.
- GAS TURBINES—COOLING**
Some results of the experimental investigation of a cooled turbine. V. L. Ivanov, E. A. Manushin, I. U. D. Lapin. *Izv. vya. ucheb. zav. i av. tekhn.* 9 no. 2:143-150 '66.
- GAS TURBINES—TESTING**
Effect of the outlet of cooling air from blades into the flow area on the efficiency of a gas turbine. E. N. Bogomolov. *Izv. vya. ucheb. zav. i av. tekhn.* 9 no. 2:49-58 '66.
- GAS UTILITIES**
Economic problems in the gasification of an apartment house. G. Gial'khasian. *Prom. i energ.* 21 no. 5:19-20 My '66.
- GAS WELL LOGGING, RADIATION**
Possibilities of pulse radioactive methods of studying the isolation of flood zones in gas and gas condensate fields. I. U. V. Konoplev, I. U. A. Kitenko. *Gaz.prom.* 11 no. 6:5-9 '66.
- GASEOUS PLASMA** see Plasma (ionized gases)
- GASES**
Stability of the detonation front in a gas mixture of the Chapman-Gouget model. S. K. Aslanov. *Dokl. AN SSSR* 169 no. 1:136-138 JI '66.
- GASES—ABSORPTION AND ADSORPTION**
Studying parameters of adsorption separation of ethane-ethylene mixtures using synthetic zeolites. R. V. Alek-seeva, V. P. Gvozdet'skaya, E. I. A. Susanov. *Nefteprom. i neftekhimika* no. 7:35-37 '66.
- GASES—THERMODYNAMICS**
Correlation method for the law of corresponding states for calculating thermodynamic properties of real gases and their mixtures. V. I. Nedostup, Inzh. fiz. zhur. 10 no. 6:783-788 '66.
- GASES, ASPHYXIATING AND POISONOUS**
Demonstration of contamination. L. Loginov. *Voen. znan.* 42 no. 7:25 JI '66.
With the aid of imitation. N. Loginov. *Voen. znan.* 42 no. 7:24 JI '66.
- GASES, KINETIC THEORY OF**
Gurov, K. P. [Fundamentals of kinetic theory; N. N. Bogolubov's method] Osnovaniya kineticheskoi teorii; metod N. N. Bogolubova. Moskva, Nauka, 1966. 351 p.
Solution of a chain of equations in the kinetic theory of gases. V. V. Struminskiy. *Dokl. AN SSSR* 169 no. 1:58-61 JI '66.
- GASES IN METALS**
Blowing OTS-7-5-1 bronze by nitrogen and flux powder in a stream of nitrogen. V. M. Chursin and others. *Lit. prozv.* no. 5:9-11 My '66.
- GASOLINE**
Evaluating economic effectiveness of increasing accuracy in determining octane numbers of gasoline. I. N. Danilov. *Nefteprom. i neftekhimika* no. 7:16-18 '66.
Studying the performance duration of zeolites CaA in the process of isolation of n-alkanes from gasoline. P. N. Galich and others. *Neft. i gaz.prom.* no. 2:44-46 Mr-Apr '66.
- GASTRIC JUICE—PHYSIOLOGICAL EFFECT**
Bactericidal effect of natural human gastric juice on typhoid and paratyphoid bacilli resistant to tetracycline. K. G. El'planchik. *Sbor. nauch. trud. SOGMI* no. 11:135-138 '64.
Effect of human gastric juice on dysentery bacilli resistant and sensitive to tetracycline. Z. N. Dzhanayeva. *Sbor. nauch. trud. SOGMI* no. 11:139-145 '64.
- GASTROINTESTINAL HEMORRHAGE**
Failure of sutures of duodenal stump following resection of stomach for ulcerous hemorrhages. A. G. Satangin, V. B. Rumiantsev, N. S. Utoshev. *Khirurgia* 42 no. 6:20-26 Je '66.
Local gastric hyperemia in duodenal hemorrhages. B. A. Petrov, M. N. Korenev. *Khirurgia* 42 no. 6:10-16 Je '66.
- GASTROINTESTINAL MOTILITY**
Participation of the intramural nervous system in establishing the gastrointestinal motor reflex. L. V. Itina, L. I. Selochnik, R. S. Zhur. *Fiziol. zhur.* 50 no. 7:870-876 JI '64.
- GASTROPODA, FOSSIL** see subdivision under Black Sea
- GAZLI GAS FIELD—GAS, NATURAL—GEOLOGY**
Dynamic state and interference of gas pools in the multi-layer Gazi field. B. P. Siroganov. *Neftegaz. geol. i geofiz.* no. 5:23-26 '66.
- GEAR-CUTTING MACHINES**
Device for controlling chain of division by unit of gear grinding machines. I. N. Kartashov, E. N. Gulida, E. G. Rusakovskii. *Tekhn. i org. proizv.* no. 1:31-33 Ja-F '66.
- GEAR-CUTTING MACHINES—QUALITY CONTROL** see subdivision under Saratov
- GEARING**
Adjusting conical cogwheels. L. Dudnikov. *Tekhn. i sel'khoz.* 26 no. 6:76-78 Je '66.
Calculating flexible components of wavy transmissions. A. A. Vasilenko. *Pril. mekh.* 2 no. 7:95-102 '66.
Extend the life of gear drives of oil-field machinery. I. U. A. Kevorkov. *Izv. vya. ucheb. zav. i av. tekhn.* 9 no. 3:91-94 '66.
- GENERALIZED INTEGRALS** see Integrals, Generalized
- GENERALIZED SPACES** see Spaces, Generalized
- GENERATIVE ORGANS**
Effect of cortisone acetate on sexual glands in mice. I. B. Vysokostrovskaya and others. *Dokl. AN SSSR* 169 no. 3:736-740 JI '66.
Morphological study of sex system, adrenal glands, and hypophysis in guinea pigs under effect of vitesol. V. T. Ratchev. *Arkh. pat.* 28 no. 6:55-62 '66.
- GENERATIVE ORGANS—DISEASES**
Experience in the work of the biochemical laboratory of the sexological ward. I. U. A. Borisenko, N. M. Solntseva. *Lab. delo* no. 8:509-510 '66.
- GENETICS**
A. P. Poldov's letter. *Genetika* no. 4:162-184 Ap '66.
Introduction of advances in genetics into agriculture. V. G. Kocherezhkin. *Izv. AN SSSR. Ser. biol.* 31 no. 4:614-618 JI-Ag '66.
- GENETICS—BIBLIOGRAPHY** see Bibliography—Genetics
- GENISTA**
Chromatographic study of alkaloids in *Genista tinctoria* L. and *Spartium juncinum* L. A. D. Dnukhina, E. K. Denisova. *Nauch. dokl. vya. shkoly; biol. nauki* 9 no. 3:178-179 '66.
- GEOCHEMICAL PROSPECTING**
Haloes of electrochemical origin in sulfide deposits. G. B. Sveshnikov. *Vest. LGU* 21 no. 12:52-60 '66.
Shatalov, E. T., ed. [Using geochemical methods in metallogenetic investigations of ore-bearing regions; fundamentals of the metallogenetic study and compilation of metallogenetic and prognostic maps of ore-bearing regions] Primeneniye geokhimicheskikh metodov pri metallogeneticheskikh issledovaniyakh rudnykh razonov; osnovnye printsipy metallogeneticheskikh issledovaniy i sostavleniya metallogeneticheskikh i prognosticheskikh kart rudnykh razonov. [By] I. I. Gluzburg i dr. Moskva, Nedra, 1966. 295 p.
Sorbed mercury halos over buried mercury deposits. V. Z. Fursov, I. I. Stepanov. *Dokl. AN SSSR* 168 no. 2:418-419 JI '66.
- GEOCHEMICAL PROSPECTING—STUDY AND TEACHING**
Organization of teaching geochemical methods of prospecting in the Leningrad Mining Institute and problems of training specialists. N. K. Morozenko. *Izv. vya. ucheb. zav. i av. tekhn.* 9 no. 6:140-144 Je '66.
- GEOCHEMISTRY**
[see also subdivision under Dnieper Valley; Kansk-Achinsk Basin; Lovozero Tundra]
Dispersion halos around the intrusives of metasomatically altered granitoids. I. U. I. Ternilov, B. M. Tunin. *Izv. vya. ucheb. zav. i av. tekhn.* 9 no. 6:45-49 Je '66.
Geochemistry of elements of the platinum group in the Almslyk ore region (Uzbek S. S. R.). S. T. Iadlov, S. L. Torkhovich. *Dokl. AN SSSR* 168 no. 6:1307-1309 Je '66.
Possibility of the determination of the chemical composition and concentration of mineral-forming solutions from the chemical composition of gas-liquid inclusions in minerals. L. N. Khetchikov, V. S. Baltitskiy, N. R. Gaspariants. *Dokl. AN SSSR* 168 no. 5:1179-1182 Je '66.
Some mineralogeochemical characteristics of the zone of exococtant in the intrusive of alaskite granites. M. G. Petrova. *Izv. vya. ucheb. zav. i av. tekhn.* 9 no. 6:38-44 Je '66.
- GEODESY—ABSTRACTS**
[Geodesy] Ref. zhur.: Geod. no. 7 JI '66.
- GEO-ELECTRIC PROSPECTING** see Electric prospecting

GEOGRAPHERS

Persons of Geographical Department of Catherine II's cabinet. F.A. Shibanov. Vest. LGU 21 no.12:108-114 '66.

GEOGRAPHY

(see also subdivision under Czechoslovakia)

Leningrad. Gosudarstvennyi pedagogicheskiy institut imeni A.I. Gertsena. [Geography and geology; program and summaries of reports of April 9-21, 1965] Geografiya i geologiya; programma i tezisy dokladov, 9-21 aprilia 1965 g. Leningrad, [1965] 46 p. (XVIII Gertsenovskie chteniia)

Leningrad. Gosudarstvennyi pedagogicheskiy institut imeni A.I. Gertsena. [Geography and geology; program and summaries of reports of April 11-26, 1965] Geografiya i geologiya; programma i tezisy dokladov, 11-26 aprilia 1965 g. Leningrad [1966] 111 p. (XIX Gertsenovskie chteniia)

GEOGRAPHY—ABSTRACTS

[Geography] Ref. zhur.: Geog. no. 7 JI '66.

GEOGRAPHY—DICTIONARIES

[Brief geographical encyclopedia] Kratkaya geograficheskaya entsiklopediya. Glav. red. A.A. Grigor'ev, Chleny red. kollegii: P.M. Alampiev i dr. Moskva, Sovetskaya entsiklopediya. (Entsiklopedii, slovari, spravochniki)

Vol. 5. [Yudoma - Yaya. Addenda] Iudoma - IAla. Dopolneniia. 1966. 544 p. (Insert)

GEOGRAPHY, ECONOMIC see subdivision 'Economic geography' under Asia; Australia; Oceania

GEOK-TEPE DISTRICT (TURKMENISTAN)—CONJUNCTIVITIES, GRANULAR

Organization of ophthalmological aid for population of Geok-Tepe District following elimination of trachoma. O. Khezilov. Trudy Turk. nauch. -issl. trakh. inst. 9:126-127 '66.

GEOK-TEPE DISTRICT (TURKMENISTAN)—OPHTHALMOLOGY

Organization of ophthalmological aid for population of Geok-Tepe District following elimination of trachoma. O. Khezilov. Trudy Turk. nauch. -issl. trakh. inst. 9:126-127 '66.

GEOLOGICAL MUSEUMS see subdivision under Estonia; Leningrad

GEOLOGICAL RESEARCH see subdivision under Mongolia

GEOLOGICAL SURVEYS

Deep prospecting. A. Mandruglin. NTO 8 no. 8:37-38 Je '66.

GEOLOGICAL TIME see subdivision under Aral Sea; Farab region (Turkmenistan); Georgia; Siberia; Tigrek Range; Ural Mountains

GEOLOGISTS

Losses to science. V.V. Tikhomirov, L.B. Panutina. Izv. AN SSSR. Ser. geol. 31 no. 7:134-140 JI '66.

under Aldan Plateau; Bol'shaya; Caucasus; Kazakhstan;

Kh. nede 32 no. 4:1-3 Ap

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Bashkiriya; Boyarka Valley, Krasnoyarsk Territory; Carpathian Mountain region; Caspian Sea region; Danube Valley; Fennoscandia; Karatau; Kharaulakh Range; Lena Valley; Magadan Province; Moscow Valley; Noril'sk region, Krasnoyarsk Territory; On' Valley; Okhotsk Sea region; Ponzhina Range; Poland; Russian Platform; Sakhalin; Siberian Platform; Stavropol' Territory; Susak Island; Tatar A.S.S.R.; Tigil' District; Timan Range; Transbaikalia; Ul'yanovsk Province; Vologda Province; Yakutia; Yenisey Valley)

Correlation of Upper Permian sediments of Arctic and Tethys. V.I. Usritskii. Uch. zap. NIIGA. Ser. "Paleont. i biostr." no. 7:10-13 '65.

Methods of correlation of local and regional stratigraphic schemes. V.I. Solun. Vest. LGU 21 no. 12:23-29 '66.

Types of metamorphic belts in fold regions. B.I.A. Khoreva. Dokl. AN SSSR 169 no. 1:195-198 JI '66.

GEOLOGY, STRATIGRAPHIC—CLASSIFICATION

Reform of stratigraphic classification principles is needed. F.G. Gurari, L.L. Khalifa. Geol. i geofiz. no. 4:3-14 '66.

GEOLOGY, STRATIGRAPHIC—CONGRESSES

Session of the Siberian Branch of the Commission on the Study of the Quaternary. Geol. i geofiz. no. 3:165-166 '66.

GEOLOGY, STRUCTURAL

(see also subdivision under Aldan Plateau; Altai Mountains; Baikal Lake region; Black Sea Depression; Carpathian Mountains; Chu Valley; Ioras, Adirades; Kazakhstan; Kokchetav Upland; Latvia; Russian Platform; Sakhalin; Sarysa Valley; Sayan Mountains; Siberia; Sikhote-Alin' Range; Suzakskaya Depression; Tajikistan; Tien Shan; Timpton Valley)

Characteristics of the thermal field in an area of recent volcanism. B.G. Polink. Bul. MOIP. Otd. geol. 41 no. 2: 130-131 Mr-Apr '66.

GEOLOGY, STRUCTURAL—MAPS

(see also subdivision under Europe)

Methods for showing tectonic structures on the basis of gravimetric, magnetic, and topographic maps. V.I.A. Gvin. Bul. MOIP. Otd. geol. 41 no. 2: 130 Mr-Apr '66.

GEOMETRY, NON-EUCLIDEAN

Chernikov, N.A. [Lectures on Lobachevskii geometry and the theory of relativity; a special course held at Novosibirsk State University for students of the Physics Faculty] Lektsii po geometrii Lobachevskogo i teorii otositel'nosti; spetsialnaya, prochlennaya v NGU v 1963/64 uchebnom godu dlia studentov fizicheskogo fakul'teta. Novosibirsk, Novosibirskii gos. univ. Pt. 1. 1965. 89 p.

GEOMETRY, SOLID

Second local minimum density of the lattice covering for a four-dimensional Euclidean space by equal spheres. E.P. Baranovskii, S.S. Ryshkov. Sib. mat. zhur. 7 no. 4:731-739 JI-Ag '66.

GEOMORPHOLOGY

Mechanism of channel processes. S.M. Isakina. Izv. AN Arm. SSR. Nauki o zem. 19 no. 3:81-93 '66.

GEOPHYSICAL INSTRUMENTS

Akademiia nauk URSS, Kiev. [Methods and apparatus for studying informational characteristics of electromagnetic fields in geophysics] Metody i apparatura dlia issledovaniia informatsionnykh kharakteristik elektromagnitnykh pol' v geofizike. Kiev [Naukova dumka] 1966. 202 p. (Respublikanskiy mezhvedomstvennyi sbornik. "Otkrytiia i peredacha informatsii")

GEOPHYSICAL INSTRUMENTS—SAFETY MEASURES

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet nefte dobyvaushchey promyshlennosti. [Instruction in safety techniques in conducting field geophysical work] Instruktsiia po tekhnike bezopasnosti pri provedenii promyshlennykh geofizicheskikh rabot. Izd. 2., dop. Moskva, Nedra, 1966. 47 p.

GEOPHYSICS

(see also subdivision under Ukraine)

Akademiia nauk SSSR. Mezhdovedomstvennyi geofizicheskiy komitet. [Structure of Black Sea Depression] Stroenie Chernomorskoy vpadiny; sbornik statei. Moskva, Nauka, 1966. 93 p. (Rezultaty issledovaniy po mezhdunarodnym geofizicheskim proektam)

Fundamentals of geomechanics. Report No. 2 S.M. Alvezian. Izv. AN Arm. SSR. Nauki o zem. 19 no. 3:80-86 '66.

GEOPHYSICS—ABSTRACTS

[Geophysics] Ref. zhur.: Geofiz. Predmetnyi ukazatel' za 1965 g.

GEORGIA—BIRDS

New bird species in Georgia. R.G. Zhordanlia. Soob. AN Gruz. SSR 43 no. 1:211-212 JI '66.

GEORGIA—CITIES AND TOWNS

Comparative analysis of the economic-geographical situation of small cities in the Georgian S.S.R. in connection with the prospects of their development. E.D. Kobakhidze. Soob. AN Gruz. SSR 43 no. 1:113-117 JI '66.

GEORGIA—FINANCE—CONGRESSES

Conference of financial workers' activities. Fin. zhur. 40 no. 7:96 JI '66.

GEORGIA—GEOLOGICAL TIME

Age of continental sediments of Yngludzh Mountain. L.K. Gabunia, K.G. Matkhonashvili, D.V. Chikobava. Soob. AN Gruz. SSR 43 no. 1:129-132 JI '66.

GEORGIA—GRAPES—FERTILIZERS AND MANURE

Some results of the study of the effectiveness of trace elements in viticulture. Z.G. Bagdasaryan, A.N. v sel'khoz. 4 no. 8:11-15 Ag '66.

GEORGIA—JUMPING PLANT LICE

New data on jumping plant lice (Homoptera, Psyllidae). A.M. Gegochkordi. Soob. AN Gruz. SSR 43 no. 1:133-134 JI '66.

GEORGIA—MAPS

Akademiia nauk Gruzinskoi SSR, Tbilisi. Institut geografii. [Atlas of Georgian Soviet Socialist Republic] Atlas Gruzinskoi Sovetskoi Sotsialisticheskoi Respubliki. Tbilisi, Glav. upr. geodezii i kartografi, 1961. xi, 260 p. maps. (MDW)

GEORGIA—MUD VOLCANOES

Genesis of mud volcanoes in eastern Georgia. T.I. Ebralidze. Soob. AN Gruz. SSR 43 no. 1:131-133 JI '66.

GEORGIA—PETROLOGY

Basic characteristics of the petrochemistry and petrology of the Zakari intrusion. M.A. Kekelidze. Soob. AN Gruz. SSR 43 no. 1:139-146 JI '66.

GEORGIA—REVOLUTION, 1917-1921

Makharadze, N.D. [Victory of the socialist revolution in Georgia] Pobeda sotsialisticheskoi revoliutsii v Gruzii. Tbilisi, Subchola Sakartvelo, 1966. 449 p. (CSI-II)

GEORGIA—SHOE INDUSTRY

Exquisite and comfortable. N. Dzhastan. NTO 8 no. 8:51 Jo '66.

GEORGIA—SNAKES

Study of poisonous snakes in Georgia. E.S. Kalavashvili. Soob. AN Gruz. SSR 43 no. 1:213-216 JI '66.

GEORGIA—STATE FARMS—ACCOUNTING

Results of the introduction of economic accountability on the Layurakly State Tea Farm. L.G. Karalishvili. Subtrop. kul't. no. 1:65-66 '66.

GEORGIA—TEA

From the history of tea cultivation in pre-revolutionary Georgia. L.Sh. Oragvelidze. Subtrop. kul't. no. 1:67-68 '66.

Results of the introduction of economic accountability on the Layurakly State Tea Farm. L.G. Karalishvili. Subtrop. kul't. no. 1:66-68 '66.

GEORGIAN MUSIC see Music, Georgian

GEORGIAN MTATSMINDELI, Saint, b. 1609

Saint Georgii Mtatsmindel. Bishop Ilia, Zhur. Mosk. Patr. no. 6:48-54 '66.

GERIATRICS

Acute appendicitis in elderly and senile persons. I.I. Imanov, A.B. Rafarov. Azerb. med. zhur. 43 no. 3:61-62 My '66.

Davydovskii, I.V. [Gerontology] Gerontologia. Moskva, Meditsina, 1966. 209 p. (DNLM)

Some acute surgical diseases of abdominal organs in elderly and senile persons. A.N. Shabanov and others. Khirurgiya 42 no. 8:85-86 Jo '66.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see subdivision under Germany, West

GERMAN LANGUAGE—CONVERSATION AND PHRASE BOOKS

Zhomok, G.I., and N.P. Boryllina. [The Institute; aid for conversational practice for students of German language faculties of pedagogical institutes] Metody posobie po razgovornoi praktike dlia studentov fakul'tetov nemetskogo iazyka pedagogicheskikh institutov. Leningrad, Prosveshchenie, 1966. 195 p. (Deutsche Konversationsbucher) (NIC)

GERMAN LANGUAGE—GRAMMAR

Korobleva, L. G. [Short grammar of the German language with exercises (in German); aid for students of pedagogical institutes] *Kratkaya grammatika nemetskogo yazyka s uprazhneniyami* (na nemetskom yazyke); posobie dlia studentov pedagogicheskikh institutov. Leningrad, Prosveshchenie, 1965. 244 p. (NIC)

GERMAN LANGUAGE—TRANSLATING

German legal terminology and specific aspects of translating it. L. P. Galanina. *Izv. vys. ucheb. zav. i prav.* 10 no. 1:120-126 '66.

GERMAN REUNIFICATION QUESTION (1949-)

Between the Elbe and the Rhine (conclusion). V. Berezhev. *Nov. vrem.* 24 no. 34:9-12 Ag '66.

GERMAN LANGUAGES—GRAMMAR, COMPARATIVE

Akademiya nauk SSSR. Institut yazykoznanija. [Comparative grammar of Germanic languages in five volumes] Sravnitel'naya grammatika germanskikh yazykov v piati tomakh. Glav. red. M. M. Gukhman i dr. Moskva, Nauka. Vol. 4. [Morphology (continuation)] *Morfologiya n (prodolzhenie)*, 1966. 496 p.

GERMANIUM

Photometric method for determining germanium in complex metals and quartz-sulfide ores without extraction. S. A. Dekhtir'kian. *Izv. AN SSSR, Nauki o zem* 10 no. 3:97-99 '66.

GERMANIUM CHLORIDE

Reduction of germanium tetrachloride by hydrogen on a heated surface. I. V. Petrushevich, L. A. Nisels'ina, A. I. Bellaev. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1105-1109 Je '66.

GERMANIUM COMPOUNDS—SPECTRA

Synthesis and spectra of allylgermyl- and digermyl-substituted ethylenes. V. F. Mironov, A. L. Kravchenko, L. A. Leites. *Izv. AN SSSR, Ser. khim.* no. 7: 1177-1194 '66.

GERMANIUM CRYSTALS

Effect of p-gradients on Hall factor in n-germanium single crystals. P. I. Baranskii, P. M. Kurilo, D. I. Levinson. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1135-1137 Je '66.

GERMANIUM CRYSTALS—GROWTH

Effect of certain factors on the magnitude and distribution of internal residual stresses in the crystallization of germanium single crystals. N. V. Bessonova and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:666-672 Je '66.

GERMANIUM ORGANIC COMPOUNDS see Organo-germanium compounds

GERMANIUM-SILICON ALLOYS

Calculation of solidus curves in the binary systems germanium, silicon, and AlSi3V - metal cross sections. G. M. Kuznetsov, S. K. Kuznetsova. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:643-649 Ap '66.

GERMANY—HISTORY

Ermolaev, V. A. [Revolutionary movement in Germany before the Reformation] *Revolutsionnoe dvizhenie v Germanii pered Reformatsiei; uchebnoe posobie.* [Saratov] Izd-vo Saratovskogo univ., 1966. 87 p.

Petricev, K. D., and S. A. Matveev. [Falsification of the 1871-1914 German history by the historians of the Federal Republic of Germany; summary of a lecture on contemporary foreign historiography for students of the correspondence courses of the Faculty of History of Odessa University] *Falsifikatsiya istorikami FRG istorii Germanii 1871-1914 gg.; konspekt lektsii po sovremennoi zarubezhnoi istoriografii dlia studentov-zachetnikov Istoricheskogo fakul'teta Universiteta.* Odessa, Odesskii gos. univ., 1966. 65 p. (CS-H)

Revolution of November 1918 in Germany and bankruptcy of annexationist Treaty of Brest-Litovsk. G. L. Nikol'snikov. *Pyt. nov. ta novit. ist.* no. 2:55-60 '65.

GERMANY—LAW—TERMS AND PHRASES

German legal terminology and specific aspects of translating it. L. P. Galanina. *Izv. vys. ucheb. zav. i prav.* 10 no. 1:120-126 '66.

GERMANY—PEASANT UPRISINGS

Ermolaev, V. A. [Revolutionary movement in Germany before the Reformation] *Revolutsionnoe dvizhenie v Germanii pered Reformatsiei; uchebnoe posobie.* [Saratov] Izd-vo Saratovskogo univ., 1966. 87 p.

GERMANY, EAST—AGRICULTURE

Spasibin, I. I. [Agriculture in the German Democratic Republic] *Sel'skoe khoz. i sel'stvo Germaniskoi Demokraticheskoi Respubliki.* 2., dop. izd. Moskva, Rosseti-khozdat, 1966. 110 p.

GERMANY, EAST—BIBLIOGRAPHY

[New literature on the German Democratic Republic] *Nov. lit. po Ger. Dem. Resp.* no. 6 '66.

GERMANY, EAST—COMMUNIST YOUTH

Deeds and days of the Pioneers of the German Democratic Republic. B. Shirvindt, N. Epshtein. *Nar. obr.* no. 8:97-100 Ag '66.

GERMANY, EAST—DOMESTIC RELATIONS

The new Family Code of the German Democratic Republic. E. Tereshonkov. *Sov. iust.* 30 no. 10:27-28 My '66.

GERMANY, EAST—FORESTS AND FORESTRY—VALUATION

Problems and results of the current studies of the productivity of forests in Germany. E. Gengel. *Izv. vys. ucheb. zav. i les. zhur.* 9 no. 3:171-173 '66.

GERMANY, EAST—HISTORICAL RESEARCH

An example of creative cooperation. E. P. Kondel'. *Vop. ist. KPSS* 10 no. 8:149-151 Ag '66.

GERMANY, EAST—POLITICS AND GOVERNMENT

The German Socialist Unity Party in the struggle for socialism, peace and national reunion. A. E. Karetnikov, M. V. Senin. *Vop. ist. KPSS* 10 no. 5:33-36 Ag '66.

Political form of the antifascist-democratic regime in East Germany in 1945-1949. N. N. Tselishchev. *Izv. vys. ucheb. zav. i prav.* 10 no. 1:94-102 '66.

GERMANY, EAST—RABIES—PREVENTIVE INOCULATION

Rabies in the German Democratic Republic and the use of Hempt's rabies vaccine. G. M. Ivanova, V. I. Marennikov. *Zhur. mikrobiol. i epid. i immun.* 43 no. 7:15-18 Ji '66.

GERMANY, EAST—RETAIL TRADE—ACCOUNTING

Centralization of accounting in the trade of the Democratic Republic of Germany. G. Moiseenko. *Bukhg. uch. no. 6:59-61 Je '66.*

GERMANY, EAST—TANKS

Elastic tanks. *Izobr. i ratg.* no. 6:36 Je '66.

GERMANY, WEST—ARMY—BIOGRAPHY

People and events: Karl Ernst Ulrich de Maiziere. *Nov. vrem.* 24 no. 37:10 S '66.

GERMANY, WEST—COMMUNIST PARTY

A disgraceful decision. *Nov. vrem.* 24 no. 34:2-3 Ag '66.

The invincible; the ten-year underground struggle of the German Communist Party. P. Naumov. *Kommunist* 43 no. 12:81-89 Ag '66.

Political justice of the Federal German Republic. IU, P. Uryas. *Sov. gos. i prav* 36 no. 8:95-104 Ag '66.

GERMANY, WEST—COMMUNISTS

Arbitrary violence of the police in Hamburg. *Nov. vrem.* 24 no. 37:13 S '66.

GERMANY, WEST—ECONOMIC POLICY

Khedov, L. G. [Government intervention in the economy of the Federal Republic of Germany in the interest of monopolies] *Gosudarstvennoe vmeshatel'stvo v ekonomiku FRG v interesakh monopolii.* [Moskva] Izd-vo Mosk. univ., 1966. 161 p.

GERMANY, WEST—FOREIGN RELATIONS—SCANDINAVIA

Visitor from Bonn in Scandinavia. *Nov. vrem.* 24 no. 37: 15 S '66.

GERMANY, WEST—HISTORIOGRAPHY

Petricev, K. D., and S. A. Matveev. [Falsification of the 1871-1914 German history by the historians of the Federal Republic of Germany; summary of a lecture on contemporary foreign historiography for students of the correspondence courses of the Faculty of History of Odessa University] *Falsifikatsiya istorikami FRG istorii Germanii 1871-1914 gg.; konspekt lektsii po sovremennoi zarubezhnoi istoriografii dlia studentov-zachetnikov Istoricheskogo fakul'teta Universiteta.* Odessa, Odesskii gos. univ., 1966. 65 p. (CS-H)

GERMANY, WEST—INFLATION (FINANCE)

Imaginary and real outprints of inflation. A. Veleman. *Plan. khoz.* 43 no. 8:65-68 Ag '66.

GERMANY, WEST—LEGISLATION

Political justice of the Federal German Republic. IU, P. Uryas. *Sov. gos. i prav* 36 no. 8:95-104 Ag '66.

GERMANY, WEST—MILITARISM

In the service of "revanchism" and anticommunism. F. Kofman. *Nar. obr.* no. 8:101-103 Ag '66.

They have learned nothing. L. Bezmyenskii. *Kommunist* 43 no. 12:80-87 Ag '66.

GERMANY, WEST—MILITARY POLICY

Revolt which did not take place in German Federal Republic. L. Ilin. *Nov. vrem.* 24 no. 36:17-18 S '66.

GERMANY, WEST—POLITICS AND GOVERNMENT

"Extraordinary laws" in the Federal Republic of Germany. *Nov. vrem.* 24 no. 35:31-32 Ag '66.

GERMANY, WEST—RELATIONS (GENERAL) WITH RUSSIA

Our reply to a West German. V. Berezhev. *Nov. vrem.* 24 no. 37:15-16 S '66.

GERMANY, WEST—RUSSIAN STUDIES

Present-day Soviet historiography of West Germany "Ostforschung." K. D. Petrialev. *Pyt. nov. ta novit. ist.* no. 2:115-124 '65.

GERMICIDES see Fungicides

GERMINATION

Effect of soil acidity on germination of seeds of different corn varieties. E. L. Klimashevskii. *Khim. v sel'sk. khoz.* 4 no. 7:9-12 Ji '66.

GHANA—ECONOMIC CONDITIONS

English monopolies' press in the service of the neocolonialists. A. P. Kiselev. *Vest. Mosk. un. Ser. II; Zhur.* 21 no. 1:65-69 Ja-F '66.

GIBBERELLIN

Effect of gibberellin on the yield and technological quality of hemp fiber. V. N. Khrinen. *Khim. v sel'sk. khoz.* 4 no. 6: 33-34 Je '66.

GIBBSITE

Genesis of gibbsite in slightly altered rocks of the weathering surface. N. A. Lialtyna. *Dokl. AN SSSR* 168 no. 6:1394-1397 Je '66.

GINSENG

Effect of the liquid extract of ginseng roots and ginseng glycosides on some indices of carbohydrate metabolism. T. L. Bykhovtsova. *Izv. AN SSSR, Ser. biol.* 31 no. 4: 603-604 Ji-Ag '66.

GLACIAL EPOCH see subdivision under Boreya Range region; Tien Shan

GLACIERS

(see also subdivision under Novaya Zemlya)

Indications of general glaciality unity in retreat of mountain glaciers of last glaciation. E. V. Makalimov. *Blud. Kom. chetv. per.* no. 31:3-20 '66.

GLANDS, DUCTLESS see Endocrine glands

GLASS—ELECTRIC PROPERTIES

Change in the electroconductivity of a surface layer of lead silicate glasses in the process of heat treatment in hydrogen. E. A. Fainberg. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1154-1160 Je '66.

Nature of the electroconductivity of beryllium fluoride-base glasses. K. K. Evstrop'ev, B. S. Kondrat'eva, G. T. Petrovskii. *Dokl. AN SSSR* 168 no. 2:382-384 Ji '66.

GLASS—SPECTRA

Magneto-optical rotation in glasses. Kh. I. Goprindashvili and others. *Soob. AN Gruz. SSR* 43 no. 1:83-88 Ji '66.

Structure of glasses of the system Na₂O - B₂O₃ activated by rare earths. Europium. IU, V. Denisov, B. F. Dzhurinskii, V. A. Kizel'. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:693-701 Ap '66.

GLASS BLOWING AND WORKING—EQUIPMENT AND SUPPLIES

Orlov, A. N., L. D. Shaposhnikov, and I. A. I. Ermakov. ["Press-and-blow" automatic glass forming machines] *Presso-vyduvnye stekloformulushchye avtomaty.* Moskva, Legkaya Industriya, 1966. 224 p. fold. diagrs. (Insert)

GLASS CONTAINERS

Increase personal responsibility. N. Naumova. *Fin. SSSR* 49 no. 8:71 Ag '66.

GLASS FACTORIES see subdivision under Armenia

GLASS MANUFACTURE

Ermolenko, N. N., ed. [New developments in manufacture of quality and container glass] *Novoe v proizvodstve sortirovogo i karnogo stekla.* Minsk, In-t nauchno-tekhn. informatsii i propagandy Gos. kom. la Roveia Ministrov DSSR po koordinatsii nauchno-issl. rabot, 1965. 70 p.

GLASS MANUFACTURE—CHEMISTRY

Some properties of glasses based on the systems BaO - TiO₂ - B₂O₃, BaO - TiO₂ - P₂O₅, BaO - TiO₂ - SiO₂, M. A. Matveev and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1116-1123 Je '66.

GLASS REINFORCED PLASTICS

Bare and ladders from glass plastics. G. V. Dolubakh and others. *Energ. i elek.* no. 3:26 My-Je '66.

Pressured oriented glass reinforced plastics with hollow fibers. G. A. Wang Po Fl. *Prkl. mekh.* 2 no. 7:1-10 '66.

GLASS REINFORCED PLASTICS (Continued)

Stability of a thin rectangular plate of glass reinforced plastic. G.I. Bryzgalin. Mekh. tver. tel. no. 3:149-152 My-Je '66.

Use of glass reinforced plastics in the hydroponic method of plant growing. N.N. Zaslavskii and others. Khim. v sel'. khoz. 4 no. 6: 62-63 Je '66.

GLASS REINFORCED PLASTICS—TESTING

Effect of some media on mechanical properties of wound glass plastics. S.M. Perlin. Plast. massy no. 8:82-85 '66.

GLAUCOMA

Data on occurrence of glaucoma diseases. E.I. Udintsov. Sobr. AN Gruz. SSR 43 no. 1:235-242 Ji '66.

Effect of darkness load on state of general arterial pressure (in diurnal measurements) in patients with glaucoma. Report No. 3. E.S. Vainshtein. Trudy Turk. nauch.-issl. trakh. inst. 9:154-159 '66.

Effect of darkness load on the state of ophthalmotonus (diurnal examinations) in patients with glaucoma. Report No. 1. E.S. Vainshtein. Trudy Turk. nauch.-issl. trakh. inst. 9:135-143 '66.

Results of study of diurnal oscillations of ocular pressure with darkness load in persons with suspected glaucoma. Report No. 2. E.S. Vainshtein. Trudy Turk. nauch.-issl. trakh. inst. 9:144-153 '66.

Review of literature and own observations of effectiveness of cyclodialthermocoagulation operation on sclera in treatment of far advanced stage of glaucoma. A.M. Saryev. Trudy Turk. nauch.-issl. trakh. inst. 9: 172-181 '66.

Surgical treatment of glaucoma based on materials of eye clinic of Turkmen State Medical Institute for period 1960-1964. Z.K. Beknazarova. Trudy Turk. nauch.-issl. trakh. inst. 9:167-171 '66.

Treatment of glaucoma with sonar. D.I. Artem'ev. Trudy Turk. nauch.-issl. trakh. inst. 9:160-166 '66.

GLOBULIN

Isolation of 13S-globulin from buckwheat seeds. L.N. Viktorova, V.O. Shpikiter. Dokl. AN SSSR 196 no. 2: 474-475 Ji '66.

Role of nonspecific globulins in the biosynthesis of antibodies. L.G. Prokopenko. Biol. eksp. biol. i med. 61 no. 4:77-80 Ap '66.

GLUE

Surma, J., and others. [Synthetic glues] Sintetiskas limes. Riga, Liesma, 1965. 88 p. [In Latvian]

GLUE—PHYSIOLOGICAL EFFECT

Morphological changes in tissues in their connection with cyserin. TS.A. Kul'kova, G.S. Lipovetskii. Arkh. pat. 28 no. 6:78-84 '66.

GLUNG

Apparatus for centralized preparation of a working solution of resin adhesives. IE.A. IEzerskyl. Lis., pap. i der. prom. no. 3: 18 My-Je '66.

GLUTAMIC ACID

Cobamide composition of folic acid reductase resistant to aminopterin. L.I.A. Areshkina, L.S. Kutseva, E.P. Skorobogatova. Dokl. AN SSSR 169 no. 1:227-228 Ji '66.

Participation of acetic acid in the formation of glutamic acid by *Pseudomonas liquefaciens* culture. V.N. Shaposhnikov, I.G. Orlova. Izv. AN SSSR. Ser. biol. 31 no. 4: 517-524 Ji-Ag '66.

Shape effect in birefringence of poly- γ -benzyl L-glutamate. V.N. TSvetkov and others. Vysokom. soed. 68:1471 Ag '66.

Nucleic acid and glycogen content of skin affected with eczema. A.I.A. Prokopenko, I.G. Leibman, IU.I. Podobed. Dokl. AN SSSR 10 no. 7:515-517 Ji '66.

Relation of glycogen dynamics to the activity phases of the isolated frog auricle. A.B. Kogan, S.A. Shibkova, G.M. Bekmukhamedov. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:64-66 '66.

GLYCOLS

Chemical transformations of diols and organic oxides. Report No. 10: Synthesis of 3-monoalkyl and aryl substituted β -oxides. M. Bartok, B. Kozma, M.I. Shukin. Izv. AN SSSR. Ser. khim. no. 7:1241-1244 '66.

Synthesis of dimethyl ethers of polyoxymethylene glycols. V.P. Volkov, V.N. Ivanov. Vysokom. soed. 6 no. 8: 1459-1461 Ag '66.

GLYCOPROTEINS

Determination of the content of glycoproteins in the urine. N.A. Ilusipova. Lab. delo no. 8:473-476 '66.

Role of glycoproteins in the mucous membranes of the stomach and intestines. A.A. Khutsakian. Biol. zhur. Arm. 19 no. 6:47-52 Je '66.

GLYCOSIDES

Effect of unithiol on the electrocardiogram and some indices of the electrolyte metabolism in the treatment of manifestations caused by an overdose of cardiac glycosides. V.I. Masluk, L.P. Durnistova, A.A. Pogonin. Sov. med. 20 no. 5:62-67 My '66.

Licurside, a new flavonoid glycoside of Glycyrrhiza glabra L. V.I. Litvinenko, I.P. Kovalev. Dokl. AN SSSR 169 no. 2:347-350 Ji '66.

Quercetin glycosides of horse chestnut (*Aesculus hippocastanum* L.). V.N. Spiridonov. Dokl. AN SSSR 169 no. 1:126-127 Ji '66.

GLYCOSYLAMINES

Glycopeptides. Report No. 14: Synthesis of N-aminoacyl derivatives of glucosylamine. V.A. Derevitskii, N.V. Molodtsov, N.K. Kochetkov. Izv. AN SSSR. Ser. khim. no. 7:1158-1161 '66.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Slonimskii, A.L. [The technique of the comical in Gogol's works] Tekhnika komicheskogo u Gogolia... 1963 [i.e. 1962] (FU)

GOTTER

Content of some microelements in the thyroid gland of healthy cattle and in cattle with endemic goiter. L.G. Zamarin, L.I. Los', L.K. Platinskii. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:76-79 '66.

Materials on the anatomy of the intracranial lymphatic system of the thyroid gland in endemic goiter; preliminary report. B.I. TSorninov, Shor. nauch. trud. SOGMI no. 11:173-179 '64.

Recurrent goiter: a clinical immunological study. K.A. Sidorov. Sov. med. 20 no. 5:78-83 My '66.

GOLD ORES see subdivision under Aldan Plateau; Chukchi Peninsula; Lena Valley; Patom Plateau

GOLDEN HORDE

Kargalov, V.V. [The Mongol and Tatar invasion of Russia in the 13th century] Mongolo-tatarskoe nashestvie na Rus', XIII vek. Moskva, Prosvoshchenie, 1966. 135 p.

GOLOSHECHIN, FILIPP ISAEVICH, 1876-1937?

F.I. Goloshechin; on the 60th anniversary of his birth. V.N. Aleksandrov, IU.N. Amantov. Vop. ist. KPSS 10 no. 8:101-105 Ag '66.

GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891

Creation of two novels: Goncharov of the 1880's] Sozdanie dvukh nov 1 shestidesiatnitsa E.P. Malkova. 1966. 158 p. (Nauchno-popularnaya)

GRAPHE THEORY—ACCOUNTING

tention to business accounting. Uchet. no. 6:3-8 Je '66.

GRAPHE THEORY—FINANCE

new conditions. G. Shcherban'. o. 7:56-57 Ji '66.

GOCCUS

phycococci in Gorkiy. V.I. Bellinskii, Zabalueva. Zhur. mikrobiol., epid. 8:149 Ag '66.

—FORESTRY ENGINEERING

notes and the rubles will take care of ashmakov. NTO 8 no. 6:22-23 Je

—PUBLIC PROSECUTORS

ion that is not easy. T. Bonovolent. i. no. 5:48-51 My '66.

GORKIY PROVINCE—TECHNOLOGICAL INNOVATIONS
In search for millions. NTO 8 no. 6:35-38 Je '66.

GORNO-ALTAY AUTONOMOUS PROVINCE IN LITERATURE

Altai in the works of A. Koptelov. Uch. zap. Gorn.-Alt. nauch.-issl. inst. lit., iz. i lit. no. 1:51-111 '66.

GOVERNMENT OWNERSHIP

(see also subdivision under Ukraine)

Vinogradov, V.A. [Problems of theory and practice of socialist nationalization of industry] Voprosy teorii i praktiki sotsialisticheskoi natsionalizatsii promyshlennosti. Moskva, Nauka, 1965. 387 p.

GRAFTING

Anatomy of the grafting of some pine species. V.N. Nukhin. Izv. vys. ucheb. zav.; les. zhur. 8 no. 3:16-18 '66.

GRAIN

(see also subdivision under Central Chernozem region; Krasnoyarsk Territory)

Increase production of grain in our country. P. I. Lashin. Zerk. i muel. kul't. 1 no. 1:2-4 '66.

Increase the production of grain. A.P. Lashin. Zerk. i muel. kul't. 28 no. 5:69-70 My '66.

Use of new herbicides in grain fields. G.S. Gerasimov, V.A. Satarov. Khim. v sel'. khoz. 4 no. 8:37-40 Ag '66.

GRAIN—DISEASES AND PESTS

Shield bugs of the genus *Aelia* as pests of winter crops. N. Gurvina. Zashch. rast. 11 no. 7:14-16 '66.

GRAIN—DEINFECTION

The remodeled PU-1. P. Navickan. Zashch. rast. 11 no. 7:26-27 '66.

GRAIN—HARVESTING

Raise level of mechanization of grain harvesting. A. G. tov. Zerk. i muel. kul't. 1 no. 1:27-28 '66.

GRAIN—STORAGE

Physiological and biochemical principles of reducing losses in grain storage. V.L. Kretovich and others. Izv. AN SSSR. Ser. biol. 31 no. 4:483-485 Ji-Ag '66.

GRAIN ELEVATORS

Benderakli, Sh.K., E.S. Khuyev, and E. B. Cherkashin. [Operation of grain elevators] Eksploataatsiya elevatov skladskogo khozinstva. Moskva, Koton, 1966. 359 p.

GRAIN TRADE—TAXATION

Some characteristics of computing cereal production tax. Fin. SSSR 40 no. 7:82-83 Ji '66.

GRAMMAR, COMPARATIVE AND GENERAL

Poltoratzky, Marianna A. [Essays on the general characteristics of English grammar compared with Russian] Ocherki po obshchey kharakteristike angliyskoy grammatiki sravnitel'no s russkoy. San Francisco, 1963. 83 p.

GRANITE see subdivision under Aldan Plateau;

Chukchi Peninsula; Kuznetsk Alatau; Tigrak Range; Tuva A.S.S.R.; Ural Mountains

GRAPE HYACINTH see subdivision under Armenia

GRAPES—DISEASES AND PESTS

(see also subdivision under Talysh Mountains)

Controlling bacterial cancer. T. Kosheleva. Zashch. rast. 11 no. 7:31 '66.

GRAPES—FERTILIZERS AND MANURES see subdivision under Georgia

GRAPES—VARIETIES

Katar'ian T.G. [Grape variety and the quality of the harvest] Sort vinograda i kachestvo urozhaya. Khim. i tekhnol. Krimtad, 1963. 37 p. (Nauchnyy kvesti-zhenniy - v proizvodstvo) (CU-A)

GRAPH THEORY

Use of the graph theory in solving equations. G.V. Babikov. Mat. zap. Ural. inst. ob-va Udm. 5 no. 1:3-9 '66.

GRAPHIC ARTS—STUDY AND TEACHING

Leningrad. Gosudarstvennyy pedagogicheskiy institut imeni A.I. Gorkiy. [Department of Art and Design] Arty; program and summaries of reports, April 19-21, 1965] Khudozhestvenno-graficheskiy fakul'tet; program i teziy dokladov, 19-21 aprelya 1965 g. Leningrad [1965] 18 p. (XVIII Gorkonovskiy chteniy)

GRAPHITE—FATIGUE

Mechanism of the erosion of polycrystalline graphite. M.V. Khanin. Dokl. AN SSSR 169 no. 6:1003-1005 Je '66.

- GRASSES**
Effect of perennial grasses on the improvement of soil structure in mountain areas of the Trans-Ili Alatau. Z. G. Shcherbakova. Vest. sel'khoz. nauki [Kazakh.]. 9 no. 7:11-13 JI '66.
Specific characteristics of the development of grass pollen. I. D. Romanov. Dokl. AN SSSR 198 no. 2: 456-459 JI '66.
Technology of harvesting seed plants and postharvest processing of perennial grass seeds. V. K. Zhurkin, M. N. Tarasova, I. M. Grinchuk. Zemledelie 28 no. 7: 60-67 JI '66.
- GRASSES—FERTILIZERS AND MANURES**
Fertilizers for perennial grasses in floodlands. I. G. Liutchenko. Khim. v sel'. khoz. 4 no. 7:6-9 JI '66.
- GRAVITATION**
Interaction between a spinor field and a gravitational field. V. S. Brozhnev, K. P. Stanukovich. Dokl. AN SSSR 168 no. 5:1027-1029 Je '66.
Possible radiation of elementary particles. K. P. Stanukovich, I. A. B. Zol'dovich, I. A. Smorodinskii. Usp. fiz. nauk 89 no. 4:731-735 Ag '66.
- GRAVITY**
The earth's gravitational field. V. A. Kuzvanov, V. N. Kuznetsov. Mor. sbor. 49 no. 6: 74-78 Je '66.
Relationship between the coefficients of expansion in spherical functions of basic characteristics of the earth gravity field. V. V. Buzuk. Trudy NIIGA 18 no. 1: 3-7 '64.
- GRAVITY—MEASUREMENT**
Method for testing geological interpretations of gravitational observations. M. A. Aleksidze, T. G. Beladze. Soob. AN Gruz. SSR 43 no. 1:63-68 JI '66.
- GRAVITY ANOMALIES** see subdivision under Baikal Lake region
- GRAVITY PROSPECTING** see subdivision under Baikal Lake region
- GREAT BRITAIN—CABINET OFFICERS**
England: Reshuffle of numbers. Nov. vrem. 24 no. 34: 16-17 Ag '66.
- GREAT BRITAIN—CHEMICAL INDUSTRIES**
Denisov, O. K. [The English chemical concern "Imperial Chemical Industries"] Angliiskii khimicheski koncern "IKI". Moskva, Mezhdunarodnye otnosheniia, 1966. 278 p.
- GREAT BRITAIN—COMMUNIST PARTY**
The Communist Party of Great Britain on education. K. Salimova. Nar. obr. no. 8:95-97 Ag '66.
- GREAT BRITAIN—ECONOMIC CONDITIONS**
The situation in England and the left-wing Laborites. K. Zilliacus. Nov. vrem. 24 no. 35:9-11 Ag '66.
- GREAT BRITAIN—EDUCATION**
The Communist Party of Great Britain on education. K. Salimova. Nar. obr. no. 8:95-97 Ag '66.
- GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES**
England at Common Market's gate. I. A. Pevzner. Nov. vrem. 24 no. 36:11-13 S '66.
- GREAT BRITAIN—FOREIGN RELATIONS**
The expulsion of Emir Shakhput. L. Skuratov. Nov. vrem. 24 no. 34:10-20 Ag '66.
- GREAT BRITAIN—FOREIGN RELATIONS—ARABIA, SOUTHERN**
Colonialist moves in Southern Arabia. A. Vasiliev. Nov. vrem. 24 no. 36:20-21 S '66.
- GREAT BRITAIN—LABOR PARTY**
In Blackpool and the story of the Blackpool Congress (the labor movement). Sam Russell. Nov. vrem. 24 no. 38:17-18 S '66.
The situation in England and the left-wing Laborites. K. Zilliacus. Nov. vrem. 24 no. 35:9-11 Ag '66.
- GREAT BRITAIN—MARITIME LAW**
Decisions of English courts. Sbor. mat. TSNIIMF no. 166. Mor. pravo i prak. no. 31:46-49 '66.
- GREAT DUCKWEED**
Flavonoids from *Spirodela polyrrhiza*. O. I. Tykhonov, P. I. Kiyvchenko, V. I. Lytvynenko, Farmatsev. zhur. 21 no. 3:40-44 '66.
- GREECE—IRON ORES**
Iron ore sediments of the fumarolic field of the Santorin Volcano, their composition and genesis. G. I. Butuzova. Dokl. AN SSSR 168 no. 6:1400-1402 Je '66.
- GREECE—VOLCANOES**
Iron ore sediments of the fumarolic field of the Santorin Volcano, their composition and genesis. G. I. Butuzova. Dokl. AN SSSR 168 no. 6:1400-1402 Je '66.
- GREEK ORATIONS**
Orations of Isocrates (continuation). Translated from the Greek. Vest. drev. ist. no. 2:239-259 '66.
- GREEK (PAPYRI) MANUSCRIPTS** see Manuscripts, Greek (Papyri)
- GREENHOUSES, PLASTIC**
Kireleva, L. N., and O. I. Polienko. [Vegetables under (films) Ovechi pld pilykolu. Kharkiv, Prapor, 1966. 24 p. (Poredivyky sela) (DNAL)]
- GREEN'S FUNCTIONS**
Asymptotic behavior of Green's functions in viscous hydrodynamic approximation for the statistical mechanics of quantum systems. B. I. Sadovnikov. Dokl. AN SSSR 169 no. 1:66-69 JI '66.
- GRINDING AND POLISHING**
Jumping balls form universal tool. L. Iur'ev. Izobr. i rata. no. 8:6-8 Je '66.
- GRINDING AND POLISHING—MECHANIZATION**
Mechanized polishing of rings. A. D. Volkov, I. I. Panov. Biol. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 6:16-18 Je '66.
Pillinski, V. I., and others. [Mechanization of cutting-tool grinding] Mekhanizatsia zateckoi reztsav. Pod red. A. N. Reznikova. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1965. 109 p.
- GRINDING MACHINES**
Semi-automatic machine for polishing crankshaft journals. L. L. Shamili. Biol. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 6:27-29 Je '66.
Universal two-wheel lapping machine. I. I. Stepanenko. Biol. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 6:21-22 Je '66.
- GRINDING WHEELS**
Grinding compressed laminated wood with abrasive wheels. V. H. Lubyimov. Lis. pap. i der. prom. no. 3: 26-28 My-Je '66.
Grinding edges of glued veneers using abrasive wheels. V. G. Liubimov. Der. prom. 18 no. 8:7 Ag '66.
- GRINDING WHEELS—DESIGN AND CONSTRUCTION**
Method of brightening the round billets in time of dressing. G. G. Alekseev. Stal' 26 no. 6:536 Je '66.
- GROCERY TRADE**
Sale of confectionery and grocery goods. N. Denisova, G. Remizovich. Sov. potreb. koop. 10 no. 6:40-48 Je '66.
- GROCERY TRADE—FINANCE** see subdivision under Leningrad
- GROMWELL**
Comparative characteristics of the diagnostic properties of the gromwells *Lithospermum arvense* and *Lithospermum officinale*. I. T. Lukasevich, Farmatsev. zhur. 21 no. 3:44-50 '66.
- GROSS NATIONAL PRODUCT**
Interdependence of the rates of growth of the parts of the gross national product during the period of the large-scale building of communism. B. M. Zadorov. Uch. zap. MOPI 141:3-20 '64.
Konrad, I. A. A. [Subdivision one and two of the gross national product; the law of preferential growth of the means of production] I i II podrazdeleniia opashchestvennogo produkta; o zakone oprezhatushchego rosta proizvodstva sredstv proizvodstva. Moskva, Znaniye, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike, III Seriya: Ekonomika, no. 13)
- GROUND ANCHORS** see Guy anchors
- GROUND CONTROLLED APPROACH**
Land from the earth. I. Zhikharev. Av. i kosm. no. 8: 56 Ag '66.
- GROUND-CUSHION PHENOMENON—BIBLIOGRAPHY** see Bibliography—Ground-cushion phenomenon
- GROUND-EFFECT MACHINES—BIBLIOGRAPHY** see Bibliography—Ground-effect machines
- GROUPS, THEORY OF**
Abstract characteristics of a class of semigroups of endomorphisms of general type systems. E. S. Liapina. Mat. sbor. 70 no. 2:173-179 Je '66.
Casimir operators for orthogonal and symplectic groups. A. M. Perelomov, V. S. Popov. Izd. fiz. 3 no. 6:1127-1134 Je '66.
Cohomologies of groups of units in normal extension of local field. Z. I. Borevich. Vest. LGU 21 no. 13: 124-126 '66.
Concomitants of semigroups of binary relations. B. M. Shain. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:73-81 '66.
- Contribution to the theory of locally finite groups. V. P. Shunkov. Dokl. AN SSSR 168 no. 6:1272-1274 Je '66.
Correction to the article entitled "Soluble and periodic subgroups in bodies of the fourth rank." V. I. Monastyrskii. Sib. mat. zhur. 7 no. 4:997 JI-Ag '66.
Determination of the number of nonisomorphic groups of the order that is not divisible by the square of a prime number. K. E. Balash. Izv. vys. ucheb. zav.; mat. no. 4:3-8 '66.
Distributive pairs of elements in a structure. P. G. Kontorovich, S. G. Ivanov, G. P. Kondrashov. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:43-48 '65.
Entry problem for straight products of groups. K. A. Mikhailova. Mat. sbor. 70 no. 2:241-251 Je '66.
Finding densely packed n -dimensional spheres. N. K. Ignat'ev. Sib. mat. zhur. 7 no. 4:826-825 JI-Ag '66.
Isomorphism of semigroups with relatively complemented subsemigroups. L. N. Shevryn. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:92-100 '65.
Periodic and compact subgroups of topological groups. V. P. Platonov. Sib. mat. zhur. 7 no. 4:854-877 JI-Ag '66.
Potential reversibility of semigroup elements. E. G. Shutoy. Izv. vys. ucheb. zav.; mat. no. 4:153-163 '66.
The problem of conjugateness and coincidences with an anticenter in theory of groups. M. Grindlinger. Sib. mat. zhur. 7 no. 4:795-803 JI-Ag '66.
Relative convexity of generalized centers of ordered groups. A. I. Kokorin, V. M. Kopylov. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:40-53 '65.
Representation of the complementary series of a complex unimodular second-order group narrowed down to a real subgroup. B. D. Romm. Dokl. AN SSSR 168 no. 5:1015-1018 '66.
Representation of universal algebras in commutative semigroups. I. U. K. Robane. Sib. mat. zhur. 7 no. 4: 878-885 JI-Ag '66.
Structural isomorphisms of periodic nilpotent groups. B. V. Iakovlev. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:106-116 '65.
Subgroup characterization of certain finite groups. I. A. G. Berkovich. Dokl. AN SSSR 168 no. 3:490-502 JI '66.
Theory of Π -complete Π -groups. M. I. Eidelman. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:101-105 '65.
Unitary representations of the $PSU(2)$ group uniting the Poincaré group with the internal symmetry group. I. U. V. Novozhilov, I. A. Terent'ev. Izd. fiz. 3 no. 6: 1131-1148 Je '66.
Wave field equations covariant with respect to an n -dimensional real unimodular group. G. A. Sokolik, N. P. Konopleva. Dokl. AN SSSR 169 no. 3:530-542 JI '66.
- GROUTING—EQUIPMENT AND SUPPLIES**
Study of grouting mortars. B. I. Kravtsov, B. D. Polovov. Shakh. strol. no. 7:14-17 JI '66.
- GROWTH PROMOTING SUBSTANCES**
Biochemical bases of using colamine (monocamine ethanol) as new growth stimulator for animals. G. V. Kamalitin. Khim. v sel'. khoz. 4 no. 7:41-45 JI '66.
Effect of growth promoting substances of petroleum origin on microflora and nutrient conditions of soil. E. A. Belev. Mikrobiol. prots. v pochv. Mold. no. 2:72-75 '66.
- GROZNYI REGION—PETROLEUM INDUSTRY**
At Comrade Lenin's behest. Let us supply our country with Grozny petroleum! Sov. arkh. no. 3:3-9 '66.
- GUANIDINE**
Production of guanidine-resistant substrates of HeLa cells. V. G. Zaslavskii, V. I. Agol. TSitologiya 8 no. 3:427-429 My-Je '66.
- GUMS AND RESINS**
Oxidation of hydraulic resins in order to increase the yield of coke. N. A. Salimova, L. A. Gukhman, D. A. Aliev. Izv. vys. ucheb. zav.; inzh. i gaz 9 no. 3:55-57 '66.
Solubilization of rosin in aqueous solutions of some surfactant-active agents. V. A. Volkov, S. L. Talmud. Koll. zhur. 20 no. 3:343-349 My-Je '66.
- GUMS AND RESINS, SYNTHETIC** see Resins, Synthetic
- GUNPOWDER, SMOKELESS**
Combustion of nitroglycerin gunpowder in a vacuum and at pressures below atmospheric pressure. A. A. Zenin. Fiz. gor. i vzryva no. 1:74-78 '66.
Surface temperature of burning nitroglycerin gunpowder. V. V. Alekseev and others. Fiz. gor. i vzryva no. 1:68-73 '66.
- GUNSHOT WOUNDS**
Atypical gunshot wounds. V. I. Raikhanov. Sud. -med. eksp. 9 no. 3:55-56 JI-S '66.
- GUY ANCHORS**
Resistance of reinforced concrete guy anchors to the shear in water-saturated ground. V. T. Reshetnikov, G. A. Mamukhin. Izv. vys. ucheb. zav.; inzh. zhur. 9 no. 3:84-91 '66.

- GYMNASTICS**
Palyuda, S.S. [All-around champion Viktor Chukarin] Absolutnyi chempion Viktor Chukarin. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1980. 70 p.
- GYNECOLOGY**
Some methods for detecting the causes of female sterility. K.K. Lapko. Sov.med. 20 no.5:45-51 My '66.
- GYROCOMPASS**
Effect of rolling on gyrocompass, IU, K. Zhabanov. Mekh. i ver. tela no.3:178-179 My-Je '66.
- GYROSCOPE**
Astatic gyroscopes in rotary gimbal and its drifts due to angular vibrations of basis, A.S. Grishin. Mekh. i ver. tela no.3:9-18 My-Je '66.
Azimuthal mismatch of two gimbals, A.IU, Ishlinskii. Mekh. i ver. tela no.3:3-8 My-Je '66.
Effect of random changes in angular velocity of gyroscopes rotors on motion of gyrocompass, L.IA. Roitenberg. Mekh. i ver. tela no.3:19-23 My-Je '66.
Stability of motion of one type of gyrocompass in gimbal, Pham Nguyen. Mekh. i ver. tela no.3:175-177 My-Je '66.
- GYROSCOPE—VIBRATION**
Use of energy method in studying stability of certain oscillatory systems, V.A. Storozhenko. Mekh. i ver. tela no.3:24-32 My-Je '66.
- HABITS AND BEHAVIOR OF ANIMALS** see Animals, Habits and behavior of
- HAFNIUM CHLORIDES**
ZrCl₄-HfCl₄ system and the conditions for separating its components by rectification, L.A. Nisels'zon, T.D. Sokolova, V.I. Stoliarov. Dokl. AN SSSR 168 no.3:1107-1110 Je '66.
- HAFNIUM IODIDES**
Properties of hafnium iodide and alloys of the system Zr-Hf, A.I. Evstikhin, I.P. Barinov, I.I. Korobko. Met. i metalloved. chist. met. no.3:33-43 '66.
- HAFNIUM ISOTOPES—DECAY**
Study of the decay scheme of Hf¹⁷⁹ produced in the (n, γ) reaction, N.D. Kramer, P.T. Prokof'ev. Izd. fiz. 4 no.2:228-230 Ag '66.
- HAFNIUM-ZIRCONIUM ALLOYS** see Zirconium-hafnium alloys
- HALL EFFECT**
Effect of p-gradients on Hall factor in n-germanium single crystals, P.I. Baranskii, P.M. Kurilo, D.I. Levitson. Izv. AN SSSR, Neorg. mat. 2 no.6:1135-1137 Je '66.
Hall effect in the FeCo alloy, K.K. Bogma. Fiz. met. i metalloved. 21 no.5:795-797 My '66.
- HALLUCINATIONS AND ILLUSIONS**
Hallucinative paraphrenia, E.S. Petrova. Trudy TSU 81:97-101 '65.
- HALOGENATION**
Electrophilic halogenation of neoboranes (neocarboranes), L.I. Zakharkin, V.N. Kalinin. Dokl. AN SSSR 169 no.3:590-593 Ji '66.
- HALOGENS** see subdivision under Ulan-Ude
- HANDICRAFT**
Shmatov, V.P. [100 tasks for skilled hands] 100 rabot dlia umelykh ruk. [Moskva] Mosk. rabochii, 1986. 260 p.
globin types in liquid blood during resis in starch gel, N.N. Staro-
v, 9 no.3:34-37 Ji-S '66.
- HARBORS—MANAGEMENT** see subdivision under Volga River
- HARD FACING**
Investigating the characteristics of the forming of a hardened layer during the induction hard facing of plowshares, V.N. Tkachev, B.M. Fishtein, N.V. Kazintsev. Sbor. rab. NITM no.11:150-164 '65.
Oxidizing processes in automatic metal deposition on steel with a cooling liquid, A.A. Buki. Svar. prozv. no.6:16-18 Je '66.
The seminar "Wear-resistant hard-facing materials and methods of hard-facing," V.G. Kolesov. Svar. prozv. no.6:45 Je '66.
- HARD FACING—HANDBOOKS, MANUALS, ETC.**
Razikov, N.I., and I.A. Tolstov. [Handbook for the skilled worker in a hard facing department] Spravochnik mastera naplavochного uchastka. Moskva, Mashinostroenie, 1988. 200 p.
- HARDNESS**
Change of hardness during isochronous and isothermal annealing of varying purity deformed uranium, A.A. Tsvetaev and others. Met. i metalloved. chist. met. no.3:105-140 '66.
- Effect of alloying and illumination on the microhardness of semiconductor single crystals, IU, Kh. Vekilov and others. Izv. AN SSSR, Neorg. mat. 2 no.4:636-642 Ap '66.
- HARDNESS—MEASUREMENT**
Equipment for measuring hot hardness by hydrostatic methods, IU, G. Godin and others. Met. i metalloved. chist. met. no.3:189-198 '66.
- HARMONIC FUNCTIONS**
Approximate solution to one mixed boundary value problem in theory of harmonic functions, M.A. Alekaidze. Dif. urav. 2 no.7:988-994 Ji '66.
Theorem on the three spheres for harmonic functions, E.D. Solomentsev. Dokl. AN Ar. SSR 42 no.5:274-278 '66.
- HARMONY**
Borkov, V.O. [Harmony; a textbook] Garmoniya; uchebnik. Moskva, Muzyka. P.1.3. 1966. 240 p.
- HARVESTING MACHINERY**
Make efficient use of machinery for harvesting grain crops, L. Pashedko, I. Samokhodskaya. Tekh. v sel'khoz. 26 no.6:5-11 Je '66.
- HARVESTING MACHINERY—LUBRICATION**
Soiling process and the flowing out of lubricants from sliding bearings of the GP-1r rake, A.M. Iarunin, T.T. Olefirenko. Vest. sel'khoz. nauki [Kazakh.], 9 no.7:77-83 Ji '66.
- HARVESTING MACHINERY—MAINTENANCE AND REPAIR**
Repairing spline joints of the shaft of a straw feeder, E. Melchanov. Tekh. v sel'khoz. 26 no.6:87 Jo '66.
- HAUPTMAN, GERHART JOHANN ROBERT, 1862-1940**
Future of German people. Gerhart Hauptman. Sov. arkh. no.3:65-67 '66.
- HAWTHORN** see subdivision under Azerbaijan
- HAY**
Movsinants, A.P. [Utilization of meadows and pastures] Ispol'zovanie senokosov i pastbishch. Moskva, Kolos, 1985. 278 p. (DNLM)
- HEALTH EDUCATION** see subdivision under Turkmenistan
- HEALTH RESORTS, WATERING PLACES, ETC.**
(see also subdivision under Akhtyrskaya, Krasnodar Territory; Ust'-Kachka, Perm Province)
- In the All-Union Central Committee of Trade Unions. Sov. profsoyuzy 22 no.14:45 Ji '60.
- HEARING**
Acoustic allacanthostoma, L.N. Pines. Zhur. nevr. i psikh. 66 no.8:1141-1145 '66.
- HEART**
Concentration and nucleotide composition of nucleic acids in different parts of the heart in dogs during the exclusion of extracardiac parasympathetic influences, L.A. Kopteva, N.M. Dmitrieva. Biol. eksp. biol. i med. 61 no.4:47-51 Ap '66.
Effect of pure ATP, ADP, UTP, and UDP preparations on frog's heart, T.G. Putintsev, L.N. Bobrova. Fiziol. zhur. 50 no.7:855-860 Ji '64.
New data on the structure of the lymphatic system and the connective-tissue skeleton of the human heart, V.V. Fedai. Sbor. nauch. trud. SOGMI no.11:150-154 '64.
- HEART—BLOOD SUPPLY**
Vascularization of the human endocardium, V.V. Fedai. Sbor. nauch. trud. SOGMI no.11:155-160 '64.
- HEART—DISEASES**
Hemodynamic criteria in mitral and aortic heart defects, F.G. Uglov, V.A. Gerasin, A.D. Smirnov. Khirurgiya 42 no.6:88-96 Je '66.
Iankelovich, E.I. [Exercise therapy in cardiac defects] Lechebnaia gimnastika pri porokakh serdtsa. [Moskva] Tsentr. nauchno-issl. i in-santarnogo prosvetsheniia [1984] 79 p. (chiefly illus.) (DNLM)
- HEART—DISPLACEMENT**
Significance of the turn of the heart in the diagnosis and surgical treatment of rheumatic defects, B.M. Kostuchenok, S.G. Shcherba. Sov. med. 20 no.5: 87-90 My '66.
- HEART—HYPERTROPHY AND DILATATION**
Sarkisov, D.S., and others. [Myocardial hypertrophy and its reversibility] Gipertrofiia miokarda i ee obratnost'. [Leningrad] Meditsina, 1966. 155 p. (DNLM)
- HEART—INFARCTION**
Characteristics of the course of neurogenic allergic myocardial infarct under the conditions of high-mountain climate, V.T. Antonenko, IU, S. Kozachuk. Fiziol. zhur. [Ukr.] 12 no.4:406-402 Ji-Ag '66.
Decomposition of myocardial glycogen during various periods of myocardial infarct, I.TE. Likhachev. Fiziol. zhur. [Ukr.] 12 no.4:540-543 Ji-Ag '66.
Methods of macrodiagnosis of myocardial infarct and ischemia zone, A.I. Strukov, V.S. Kondratiev. Arkh. pat. 28 no.5:80-83 '66.
- HEART—INNERVATION**
Mechanism of the origination of tonic excitation in the center of vagus innervation of the heart in rabbits, I. I. S. Ugolnueva. Hist. eksp. biol. i med. 61 no. 7-10 Ap '66.
- HEART—MUSCLE**
Changes in phosphatase activity of the myocardial cells during the process of postnatal development, N.I. Grebenukha. Biol. eksp. biol. i med. 61 no. 4:4-47 Ap '66.
Effect of nucleosides on the contractile function of the myocardium in the emergency stage of compensatory cardiac hyperfunction, P.Z. Meeran and others. Biol. eksp. biol. i med. 61 no.4:16-18 Ap '66.
Mitochondrial radiation of a partially deafferented frog muscle, A.A. Gurvich, V.E. Evmenov, Z.I. Solov'ev. Biol. eksp. biol. i med. 62 no.7:55-60 Ji '66.
Relation of glycogen dynamics to the activity of plasma of the isolated frog auricle, A.B. Kagan, S.A. Babinova, G.M. Bokukhmedov. Nauch. dokl. vuz. sbk. 42, 114 nauki 9 no.3:64-66 '66.
- HEART—RADIOGRAPHY**
Ivanitskii, M.A., and V.S. Bayev'ov. [X-ray investigation of congenital heart disease] Rentgenologicheskoe issledovanie pri vrozhdennykh porokakh serdtsa. Moskva, Medgiz, 1960. 148 p. (ICU)
- HEART—WOUNDS AND INJURIES**
Death from injury of heart by mending needle, A.T. Trushina. Sov. med. eksp. 9 no.3:57-58 Ji-Ag '64.
- HEAT—CONDUCTION**
The magnetic permeability, electric conductivity, dielectric constant, and thermal conductivity of a material containing spherical colloidal inclusions, A.K. Vetroberg. Dokl. AN SSSR 169 no.3:543-548 Ji '66.
A representation of the solution of the equation of heat conductivity, V.S. Ravin. Izv. fiz. zhur. 10 no.6:753-753 '66.
Solution of a plane steady-state problem in the theory of heat conductivity under boundary conditions of the third kind for special arsons, M.A. Vasil'ov. Izv. fiz. zhur. 10 no.6:728-737 '66.
- HEAT—CONVECTION**
Convective heat transfer in a tubular heat exchanger during the straight-through passage of a suspension flow and granular material, D.F. Tolachev, Izv. vuz. ucheb. zav. i onerg. 9 no.7:86-93 Ji '66.
Vsesoluzhnoe poverkheniye po teplo-i massopobemu [Heat and mass transfer] Teplo-i massopobemu. Pod obshch. red. A.V. Lykova i B.M. Smol'skogo. Minsk, Nauka i tekhnika. Vol. 1. [Convective heat transfer in homogeneous media] Konvektivnyi teploobmen v odnorodnoy srede. 1985. 315 p.
- HEAT—PHYSIOLOGICAL EFFECT**
Effect of tissue biogenic stimulants on the humoral link of immunity and some blood indices in the organism of animals subjected to superheating, IU, M. Nazarov. Vest. sel'khoz. nauki [Kazakh.], 9 no.7:95-100 Ji '66.
Electric activity of various sections of brain in cats during high outside temperatures, G.V. Kovchuk. Zhur. vuz. nerv. delat. 10 no.4:717-725 Ji-Ag '66.
- HEAT—RADIATION AND ADSORPTION**
Radiant heater for zonal recrystallization without a crucible, I.V. Milov, D.M. Shorov, V.V. Okun'shchikov. Met. i metalloved. chist. met. no.5:204-210 '66.
- HEAT—TRANSMISSION**
Addition to the article "Determining the surface of the phase contact in bubbling systems," (Inzhenera Fizicheskii Zhurnal, No.6, 1964), M.M. Vevlakovskii, S.A. Rumiantsev. Inzh. fiz. zhur. 10 no.8:803 '64.
Arc heating of steel pipe edges, V.D. Taran, IU, G. Gagon. Svar. prozv. no.6:11-14 Je '66.
Calculating indices of the heat condition of a blast furnace. Report No. 1. A.N. Pokhvalov and others. Izv. vuz. ucheb. zav. i onerg. 9 no.7:24-29 '66.
Effect of a heterogeneous chemical reaction on the heat exchange between a fluidized bed and the surface, M.A. Glinkov, V.V. Belonov. Izv. vuz. ucheb. zav. i onerg. 9 no.7:175-179 '66.
Equalizing the temperature of a plate following asymmetrical heating, B.F. Zolotarev. Izv. vuz. ucheb. zav. i onerg. 9 no.7:184-187 '66.

HEAT—TRANSMISSION (Continued)

Heat conductivity of chill paints. IU, P. Poruchikov and others. *Trudy Ural. politekh. inst.* no. 145:57-66 '65.
Heat exchange between pipes of various profiles and a flow of granular material. IU, P. Kurochkin. *Inzh. fiz. zhur.* 10 no. 6:759-763 '66.
Heat exchanged between a fluidized bed and a cylinder immersed in it. A. P. Baskakov, B. V. Berg. *Inzh. fiz. zhur.* 10 no. 6:730-743 '66.

Heat transfer in potassium boiling in a tube at moderate steam content values. V. M. Borishanskii and others. *Atom. energ.* 21 no. 1:58-59 JI '66.

Investigating heat transfer between the phases in a quasi-fluidized bed. IU, I. Binder, N. B. Kondukov. *Inzh. fiz. zhur.* 10 no. 6:754-758 '66.

Motion and heat transfer of particles in a pulsating gas flow. L. D. Kapusta, M. I. Rabinovich, A. A. Shraiber. *Inzh. fiz. zhur.* 10 no. 6:744-749 '66.

Os'minny, IU, P. [Heat transmission; program, methodological instructions and test papers for students specializing in heat engineering in correspondence courses of institutions of higher education, faculties and sections] *Toploperedacha; programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia studentov toplo-tekhnicheskikh spetsial'nostei zaочnykh vysshiikh uchebnykh zavedenii, fakul'tetov, otdelenii.* Moskva, Vysshiaia shkola, 1965. 77 p.

[MICROFILM]

Specialized transducers for studying heat transfer in electric machinery and apparatus. G. G. Shchastlivyi, V. N. Nikolaev, G. M. Fedorenko. *Energ. i elek.* no. 3: 34-35 My-Je '66.

HEAT OF FORMATION

Heat of formation of lanthanum selenite. A. I. Maier, IU, L. Suponitskii, M. Kh. Karapet'iants. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:775-777 Ap '66.

Heat of formation of praseodymium selenite. A. I. Maier, IU, L. Suponitskii, M. Kh. Karapet'iants. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:778-780 Ap '66.

Heats of formation of tri-n-butylboron and n-butylboracyclo-pentanes. G. L. Gal'chenko and others. *Dokl. AN SSSR* 169 no. 3:587-589 JI '66.

HEAT REGENERATORS

Thermal stresses of screen heating surfaces in a waste-heat boiler mounted over an oxygen-blown converter. V. V. Bondarenko, I. A. M. Karasik, S. A. Tsygankov. *Stal'* 26 no. 5:72-75 Je '66.

HEAT RESISTANT ALLOYS

Heat resistance of precipitation hardened nickel. T. G. Kravchenko and others. *Zashch. met.* 2 no. 3:312-317 My-Je '66.

HEAT RESISTANT ALLOYS—ELECTROMETALLURGY

Heat resistant properties of the Kh20Ni80 alloy with additions of lanthanum and cerium. E. G. Ivanov, B. K. Opara, A. F. Filippov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:77-79 '66.

New developments in research. O. F. Antropov, K. P. Ustin. *Stal'* 26 no. 6:522 Je '66.

HEAT RESISTANT ALLOYS—TESTING

Automatic regulation of temperature and load of a sample in programmed tests of thermomechanical strength. V. A. Strizhalo. *Mekh. i avtom. upr.* no. 3: 11-13 My-Je '66.

HEATING

Burning instead of heating. *Izobr. i rats.* no. 6:25 Je '66.

HEATING FURNACES see Furnaces, Heating

HEDGEHOGS

Biology of reproduction of hedgehogs (*Erinaceus europaeus* L.). T. A. Adolf. *Zool. zhur.* 45 no. 7: 1106-1111 '66.

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831

Unworthy objective and unworthy means; I. A. Barion's "Hegel and the Marxian theory of state." L. S. Mamut. *Izv. vys. ucheb. zav.; prav.* 10 no. 1:148-151 '66.

HELICOPTERS—PILOTING

Loss of a helicopter. V. Kovalev. *Av. i kosm.* no. 8: 40-41 Ag '66.

HELICOPTERS, MILITARY

Commanding officer of an excellent squadron. G. Smirnov. *Komm. Vooruzh. Sil* 47 no. 13:48-53 JI '66.

HELIUM ISOTOPES

Surface tension in weak solutions of helium isotopes. A. F. Andreev. *Zhur. eksp. i teor. fiz.* 50 no. 5: 1414-1419 My '66.

HELMHOLTZ, HERMANN VON, 1821-1894

Lebedinskii, A. V., U. I. Frankfurt, and A. M. Frenk. [Helmholtz] *Gel'mgol'ts, 1821-1894.* Moskva, Nauka, 1966. 315 p. (Nauchno-biograficheskaia seriya)

HELMINTHOLOGY

Akademiia nauk SSSR. [Works on helminthology] *Raboty po gel'mintologii.* Moskva, 1958. 415 p. (DNIIM)

HELMINTHOLOGY—CONGRESSES

Five-year plan for helminthiasis control. E. E. Shumakovich and others. *Izv. AN SSSR. Ser. biol.* 31 no. 4: 617-622 JI-Ag '66.

HEMATOMA

Changes in the electric excitability of nonspecific structures of the brainstem in experimental cerebral hematomas. M. A. Lapitskii. *Trudy TSU* 81: 25-29 '65.

Results of Chaoul therapy in small doses in hemangiomas in children. F. G. Bakshalova, G. M. Viderli. *Azerb. med. zhur.* 43 no. 5:52-58 My '66.

HEMINGWAY, ERNEST, 1898-1961

Ross, Lillian. [Portrait of Hemingway. Translated from the English] *Portret Khemingvui.* Moskva, Pravda, 1966. 47 p. (Biblioteka "Ogonek," no. 6) (MI)

HEMOLYSIS AND HEMOLYSINS

Mechanism of the hemolytic activity of fish serum. V. I. Lukhtanenko, E. K. Meserova, G. A. Mikheeva. *Dokl. AN SSSR* 168 no. 5:1192-1194 Ag '66.

Significance of splenic hemolysis in the pathogenesis of the anemic syndrome in hypersplenism. A. M. Akhundova, R. T. Farmanov. *Azerb. med. zhur.* 43 no. 5:11-16 My '66.

10 years of observation of age-related characteristics of the dynamics of hypertension. T. A. Mirzoev. *Azerb. med. zhur.* 43 no. 5:16-21 My '66.

HEMORRHAGE

Characteristics of the loss of blood in closed traumas of the locomotor apparatus. V. F. Pozhariskii. *Ortop., travm. i protez.* 27 no. 5:35-40 My '66.

Hemorrhagic manifestations in pneumonia in aspect of Schwarzman hyperergic phenomenon. I. A. O. Ol'shan'skii. *Arkh. pat.* 28 no. 6:33-40 '66.

Pathogenesis and clinical aspects of various forms of the hemorrhagic syndrome in Botkin's disease. E. S. Gurevich, L. M. Bochkova. *Sov. med.* 29 no. 5:20-23 My '66.

Use of THAM in the control of acidosis in terminal states caused by the loss of blood. V. A. Negovskii, I. E. Trubina. *Ortop., travm. i protez.* 27 no. 5:30-35 My '66.

HEMORRHAGIC FEVER

Development of a system of dermalization measures in forest foci of hemorrhagic fever with the renal syndrome. S. V. Vishniakov and others. *Zhur. mikrobiol., epid. i immu.* 43 no. 8:12-16 Ag '66.

HEMP

Effect of gibberellin on the yield and technological quality of hemp fiber. V. N. Khurinin. *Khim. v sel'. khoz.* 4 no. 6: 33-34 Je '66.

Viability of hemp pollen. N. D. Migol', A. I. Arinshtein. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3:120-123 '66.

HEMP—FERTILIZERS AND MANURES

Effect of various amounts of potassium chloride on the yield and oil content of hemp seeds. P. I. Gelmanov. *Khim. v sel'. khoz.* 4 no. 6: 12-13 Je '66.

HEPATITIS, INFECTIOUS

Determination of the activity of transaminases in the population in foci of epidemic hepatitis. I. P. Leposhinskaya, A. V. Malygin, V. P. Pirog. *Zhur. mikrobiol., epid. i immu.* 43 no. 6:152 Ag '66.

Evaluation of the posticteric period of infectious and parenteral hepatitis. S. N. Sorinson and others. *Sov. med.* 29 no. 5:73-78 My '66.

Experience in early diagnosis and outpatient service for patients with epidemic hepatitis under the conditions of the infectious diseases office. L. M. Bochkova. *Sov. med.* 29 no. 5:68-73 My '66.

Functional morphology of stomach in grave forms of Botkin's disease. F. M. Shapiro. *Arkh. pat.* 28 no. 6: 50-55 '66.

Materials on the epidemiology of epidemic hepatitis. Report No. 1: Seasonal prevalence. V. G. Ovchinnikov. *Zhur. mikrobiol., epid. i immu.* 43 no. 7:138-139 JI '66.

Pathogenesis and clinical aspects of various forms of the hemorrhagic syndrome in Botkin's disease. E. S. Gurevich, L. M. Bochkova. *Sov. med.* 29 no. 5:20-23 My '66.

Ring precipitation reaction of the urine in the diagnosis of Botkin's disease. K. A. Dobrovolskii. *Zhur. mikrobiol., epid. i immu.* 43 no. 7:132-135 JI '66.

Significance of the determination of urine aldolase activity in Botkin's disease. E. L. Nazaretian, I. Yu. Kasymov, M. N. Pod'lagel'. *Lab. delo.* no. 5:286-289 '66.

Ways of infection with Botkin's epidemic hepatitis. V. V. Kosmachevskii. *Zhur. mikrobiol., epid. i immu.* 43 no. 7:135-137 JI '66.

HERBICIDES

(see also subdivision under Irkutsk Province)

Economic effectiveness of the use of herbicides on cotton plantations. B. A. Guseinov. *Khim. v sel'. khoz.* 4 no. 6: 72-73 Je '66.

Effect of herbicides on soil microflora. V. G. Bobyshev, G. A. Lapchenkov. *Khim. v sel'. khoz.* 4 no. 7:30-31 JI '66.

Effectiveness of the use of carbamic, thio-, and di-thiocarbamic acid derivatives as herbicides. A. M. Gaidov, A. T. Zimovskala. *Khim. v sel'. khoz.* 4 no. 6: 30-33 Je '66.

Herbicidal activity of propazine and alpir as related to the method of their placement in the soil. V. A. Kolonnikov. *Khim. v sel'. khoz.* 4 no. 6:27-30 Je '66.

Herbicides for controlling weeds in sown fields. G. I. A. Lapchenkov. *Zemledelie* 28 no. 5:54-55 My '66.

Herbicides in orchards. V. Zavarzin, Zashch. rast. 11 no. 7:22 '66.

Mechanized application of herbicides. I. N. Velotokii. *Zemledelie* 28 no. 5:47-50 My '66.

Pankratova, N. M. [Chemical methods for controlling the vegetation on the railroad bed] *Khimicheskie sposoby bor'by s rastitel'nost'iu na zheleznodorozhnom polotne.* Moskva, Transport, 1966. 64 p.

Studying the herbicidal activity of semi- and thiosemi-carbazones of the pyridine series. E. G. Novikov and others. *Khim. v sel'. khoz.* 4 no. 6: 35-37 Je '66.

Use of herbicides in land improvement canals in humid subtropics. I. I. A. Spiridonov. *Khim. v sel'. khoz.* 4 no. 7:33-37 JI '66.

Use of new herbicides in grain fields. G. S. Grudzev, V. A. Satarov. *Khim. v sel'. khoz.* 4 no. 8:37-40 Ag '66.

HERBICIDES—EFFECT ON PLANTS see Plants, Effect of herbicides on

HEREDITY

Heredity, environment, brain, and problem solving. D. Krech. *Vop. psikh.* 12 no. 3:30-43 My-Je '66.

HEREDITY OF DISEASE

Correlation of forms and types of schizophrenia course in hereditary aggravated families. A. N. Kornetov. *Zhur. nev. i psikh.* 68 no. 8:1257-1262 '66.

HETEROCYCLIC COMPOUNDS

Dialkyl- and diaryliminothio- and dithiophosphoric acid salts. Part 8: Interaction of diethylthio- and dithiophosphoric acid salts with aromatic and heterocyclic halo derivatives. V. G. Pesin, I. G. Vitenberg. *Zhur. obshch. khim.* 35 no. 7:1266-1274 JI '66.

Interaction of ¹⁴C recoil atoms in binary systems containing heterocyclic compounds. L. P. Firsova. *Radiochimia* 8 no. 3: 333-341 '66.

HETEROSIS

Heterosis in hybrids F₂ from crossing tomato mutants among themselves and with other varieties. I. A. Iakovleva. *Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk* no. 1:50-53 '66.

HEXADECANE

Cracking of n-hexadecane in the presence of sulfide and oxide catalysts on carriers with lowered isomerizing activity. IU, M. Zhurov, O. I. Kuznetsov, G. M. Panchenko. *Neftokhimiia* 6 no. 3:396-400 My-Je '66.

HEXAMETHYLENETETRAMINE

Study of intermolecular reactions as applied to the analysis of mixtures. Part 2: Some polymers based on pyridine and hexamethylenetetramine as stationary phases. F. F. Chealok, F. F. Sakhenko, R. A. Parnikova. *Zhur. obshch. khim.* 36 no. 7:1176-1181 JI '66.

HEXOBARBITAL

Effect of X-ray irradiation on the sensitivity of the central nervous system to hexenal. B. M. Butaev. *Sbor. nauch. trud. SOGMI* no. 11:117-119 '64.

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH PRESSURE RESEARCH

Dependence on pressure of a semiconductor junction in zinc. N. B. Brandt, N. I. Ginzburg. *Zhur. eksp. i teor. fiz.* 50 no. 5:1260-1264 My '66.

HIGHER EDUCATION see Education, Higher

HIGHWAY CONSTRUCTION see Road construction

HILBERT SPACE

Distribution of the spectrum of polynomial bundle of operators. V. I. Matsaev, IU, A. Palant. *Dokl. AN Arm. SSR* 42 no. 5:257-261 '66.

Functional equations in Hilbert space. G. S. Dadunashvili. *Soob. AN Gruz. SSR* 43 no. 1:17-23 JI '66.

Invariant subspaces of linear operators acting in a space with an indefinite metric. G. K. Langer. *Dokl. AN SSSR* 169 no. 1:12-15 JI '66.

Kantorovich - Rubinshtein metric and convergence of self-adjoint operators. Part 2. F. Kaner. *Vest LGU* 21 no. 13:30-39 '66.

- HINDU CULTUS** see Cultus, Hindu
- HIP JOINT—FRACTURE**
Surgical treatment of supercondyloid T-, V- and Y-shaped fractures of the hip. A. A. Gaidukov. Ortop., travm. i protez. 27 no. 7:35-37 J1 '66.
- HISTAMINE**
Radiometric effect of the formation of histamine in animal organs and tissues. S. G. Bilush, E. N. Goncharenko, I. U. B. Kudrinskoy. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:26-31 Mr-Apr '66
- HISTOCHEMISTRY**
Electron microscopic and cytochemical study of hemolytic streptococcus. L. N. Kats, O. I. Vvedenskaya. Zhur. mikrobiol., epid. i immun. 43 no. 8:113-116 Ag '66.
Konarev, V. G. [Cytochemistry and histochemistry of plants] Tsiokhimia i gistokhimia rastenii. Moskva, Vysshaya shkola, 1966. 319 p.
- Materials on histochemical characteristics of cerebral tumors in rats. M. S. Abdullakhodzhaeva, I. N. Dimant, N. G. Fain. Arkh. pat. 28 no. 5:69-71 '66.
- HISTOLOGY**
Some new data on evolutionary histology of the blood. E. I. Koloss, K. N. Koloss. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:19-26 '66.
Structural characteristics of sensory nuclei of trigeminal nerve. G. P. Zhukova. Zhur. nevro. i psikh. 66 no. 8:1195-1203 '66.
- HISTOLOGY, PATHOLOGICAL**
Morphological changes in the thyroid gland following introduction of radioactive iodine. A. P. Kallin, V. A. Odinskova, V. V. Talantov. Arkh. pat. 28 no. 5:3-10 '66.
- HISTONES**
Effect of homologous and heterologous histones and their fractions on RNA synthesis in tissue culture cells. A. G. Bukrinskaya and others. Dokl. AN SSSR 198 no. 2:469-471 J1 '66.
- HISTORIC TREES** see subdivision under Sochi
- HISTORICAL MATERIALISM**
Afanas'ev, V. G. [Fundamentals of philosophy for students attending schools on the fundamentals of Marxism-Leninism] Osnovy filosofskikh znaniy dlia slushatelei shkoly osnov markizma-leninizma. Moskva, Mysl', 1966. 350 p.
Approach of historical materialism to the problem of specifically human needs. Laszlo Garai. Vop. psikh. 12 no. 3:61-73 My-Je '66.
Concept of the theory of historical materialism. G. G. Karavaev. Vest. LGU 21 no. 1:67-75 '66.
Moscow, Voenno-politicheskaya akademiya. [Fundamentals of scientific communism; course of lectures] Osnovy nauchnogo kommunizma; kurs lektsii. Moskva, Voenizdat. No. 3. 1965. 251 p.
Useful textbook. V. F. Glagolev and others. Vop. filos. 20 no. 7:171-176 '66.
- HISTORICAL MUSEUMS** see subdivision under Bulgaria; Kiev; Pavlograd (Dnepropetrovsk Province)
- HISTORICAL RESEARCH**
(see also subdivision under Donetsk; Germany, East; Turkmenistan; Ukraine, Western; Uzhgorod)
Brief news. Vop. ist. KPSS 10 no. 8:155-157 Ag '66.
The directives of the 23d Congress of the CPSU. Ist. SSSR 10 no. 3:3-9 My-Je '66.
Historical science and sociological studies. A. M. Hafevskiy. H. M. Shevchuk. Ukr. ist. zhur. 10 no. 6:27-30 '66.
International conference of historians in Berlin. S. B. Grabovskii. Vop. ist. KPSS 10 no. 8:151-152 Ag '66.
Subjects for doctoral dissertations approved by the Presidium of the All-Union Council for the Coordination of Scholarly Studies and its local branches. Vop. ist. KPSS 10 no. 8:158 Ag '66.
- HISTORY**
Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. [Socioeconomic and historical sciences, abstracts of reports, April 5-26, 1966] Sotsial'no-ekonomicheskie i istoricheskie nauki; tezisy dokladov 5-26 aprilia 1966 goda. Leningrad, 1966. 204 p. (XX Gertsenovskie chteniya)
- HISTORY—BIBLIOGRAPHY** see Bibliography—History
- HISTORY—DICTIONARIES**
[Soviet historical encyclopedia] Sovetskaya istoricheskaya entsiklopediya. Glav. red. E. M. Zhukov. Moskva, Sovetskaya Entsiklopediya.
Vol. 8. Koshala - Mal'ta. 1965. 990 columns. (Entsiklopedii, slovari, spravochniki)
- HISTORY—METHODOLOGY**
Appropos of an article on the ideology and method of historical studies. A. V. Santsevych. Ukr. ist. zhur. 10 no. 6:82-83 Je '66.
Irresponsible use of archival documentary materials. I. I. Kuznetsov. Ist. SSSR 10 no. 3:220-231 My-Je '66.
Methods for a selective examination of mass sources for the history of the party. A. A. Roslavkov. Vop. ist. KPSS 10 no. 8:118-121 Ag '66.
- HISTORY, ANCIENT**
Problems in ancient history discussed at the 12th Congress of Historical Sciences in Vienna. N. V. Pigulevskaya. Vest. drev. ist. no. 2:237-239 '66.
- HOBBS, THOMAS, 1588-1679**
The systematist of English materialism. M. E. Petrov. Vop. filos. 20 no. 7:176-179 '66.
- HODGKIN'S DISEASE**
Kinetic characteristics of the growth of the NKly lymphosarcoma in acetic and solid forms. V. M. Andreyev and others. Dokl. AN SSSR 169 no. 1:213-216 J1 '66.
- HOISTING MACHINERY**
Ivanovskii, K. E., ed. [Hoisting and conveying equipment; catalog and handbook] Pod'emno-transportnoe oborudovanie; katalog-spravochnik. Moskva, Nauchno-issl. i in-formatsii po lazholomu energeticheskomu i transportnomu mashinostroeniю, 1964. 660 p. [MICROFILM]
The M3-60-80 elevator. I. U. A. Vorenin. Blul. tekhn. i ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 6:34-35 Je '66.
- HOISTING MACHINERY—BRAKES**
New brake crane. G. M. Pomushko. Azerb. neft. khoz. 45 no. 8:44-46 Ag '66.
- HOISTING MACHINERY—PARTS**
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Load-lifting devices; design and specifications] Ustroistva gruzozakryvatnye; konstruktivna i razmery (MN 5792-65—MN 5799-65). Moskva, Izd-vo Standartov, 1966. 27 p. (SSSR. Normall mashinostroeniya)
- HOISTING MACHINERY—STANDARDS**
Unification and standardization of hoisting and conveying machinery. P. I. Burdakov. Stand. i kach. 30 no. 3: 20-22 Mr '66.
- HOLLAND** see Netherlands
- HOLMIUM**
Holmium isotope exchange in the system Ho³⁺ - Ho (ethylene-diaminetetracetic acid)*. I. U. A. Makashov, I. E. Mokashova, V. A. Mel'nikov. Radiokhimia 10 no. 3: 371-373 '66.
- HOLUBITS'KIY, VOLODYMYR OLEKSHOVYCH, 1904-**
Some pages from my reminiscences. V. O. Holubits'kiy. Ist. SSSR 10 no. 3:115-120 My-Je '66.
- HOME EDUCATION** see Correspondence schools and courses
- HOMOESTRAPENTAENONE**
Methyl ether of d, 1,4-iso-13-iso-D-homoeestrone. A. V. Plotnaya and others. Izv. AN SSSR, Ser. khim. no. 7: 1256-1259 '66.
- HONEY—THERAPEUTIC USE**
Iorish, N. P. [Bees, the winged pharmacists] Pcholy - krylatye farmatseuty. 2., dop. izd. Otv. red. V. M. Chernigovskii. Moskva, Nauka, 1966. 202 p. (Nauchno-populjarnaya seriya) (DNLM)
- HORMONES**
Transition to meiotic division of oocytes with incomplete vitellogenesis in Salmo salar L. as affected by hormonal stimulation. O. F. Sakun. Dokl. AN SSSR 160 no. 1: J1 '66.
- HORSE CHESTNUT**
Quercetin glycosides of horse chestnut (Aesculus hippocastanum L.). V. N. Spiridonov. Dokl. AN SSSR 160 no. 1:126-127 J1 '66.
- HORSES, FOSSIL** see subdivision under Indigirka Valley
- HORTICULTURE** see subdivision under White Russia
- HOSPITALS—HYGIENE**
Infection in hospitals caused by Pseudomonas pyocyanea; a review. A. K. Akatov. Zhur. mikrobiol., epid. i immun. 43 no. 7:36-41 J1 '66.
- HOSPITALS—OUTPATIENT SERVICES**
Experience in early diagnosis and outpatient service for patients with epidemic hepatitis under the conditions of the infectious diseases office. L. M. Bochkova. Sov. med. 20 no. 5:66-73 My '66.
- HOSPITALS, OPHTHALMIC AND AURAL** see subdivision under Turkmenistan
- HOTELS, TAVERNS, ETC.—DESIGN AND CONSTRUCTION**
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Stroizdat.
Pl. 2. Sec. L. Ch. 17. [Hotels; design specifications] Gostintsy; normy proektirovaniya (SNIP II-1. 17-65). 1966. 10 p.
- HOURS OF LABOR**
Ghinsburg, L. A. [Regulation of working time in the U.S.S.R.] Regulirovaniye rabochego vremeni v SSSR. Moskva, Nauka, 1966. 393 p.
Patrikhev, V. D. [Time as an economic category] Vremya kak ekonomicheskaya kategoriya. Moskva, Mysl', 1966. 230 p.
- HOUSING—COSTS**
Gol'tsman, L. N. [Economics of municipal services, accommodations, rates] Ekonomika kommunal'nogo khozaystva, uslug, tariffy. Moskva, Ekonomika, 1966. 190 p.
- HOUSING—FINANCE**
Birkov, A. K., and P. Petrov. [Financial planning and analysis of the work of housing organizations] Finansovoe planirovaniye i analiza delatel'nosti zhilishchnykh organizatsii. Moskva, Finany, 1965. 147 p. (NIP)
- HOUSING—LAW AND LEGISLATION**
The abandonment of living quarters. H. H. Kabanov. Soiz. zakon. no. 8:38-39 My '66.
- HOUSING, COOPERATIVE**
The Civil Code of the R.S.F.S.R. on the problem of housing and building cooperatives. I. S. Gurev. Soiz. zakon. no. 8:33-41 '66.
- HOUSING MANAGEMENT**
(see also subdivision under Ivanovo)
Let's improve the management of communal housing. R. Pavlovskiy. Rud. pravo 20 no. 8:15-19 Ag '66.
Tel'nov, V. N. [Volunteer house committees] Glavnye steny domovoy komiteta. [Moskva] Profizdat, 1966. 82 p. (Biblioteka profsovnogo aktivista, no. 131)
- HULLS (NAVAL ARCHITECTURE)**
Bondaranskii, Z. P., M. A. Pivchikov, and E. F. Mel'nik. [Designing concrete vessels; hull design] Konstruktsiya zhelezobetonnykh sudov; proektirovaniye korpusa. Leningrad, Sudostroenie, 1966. 190 p.
- HUMAN EMBRYOLOGY** see Embryology, Human
- HUMAN ENGINEERING**
Bol'shakov, I. G. [Industrial aesthetics and social environment] Tekhnicheskaya estetika i obshchestvennoe sred. Moskva, Ob-vo "Znanie" RSFSR, 1966. 38 p. (Tekhnicheskaya estetika)
Munipov, V. M. [Ergonomics and artistic design] Ergonomika i khudozhestvennoe konstruirovaniye. Moskva, Ob-vo "Znanie" RSFSR, 1966. 28 p. (Tekhnicheskaya estetika)
- HUMANITIES—CONGRESSES**
Akademiya nauk SSSR, Minsk. Akademiya nauchnykh nauk. [Materials for the 6th Conference of Young Scholars; social sciences] Materialy k 6 konferentsii molodykh uchenykh; obshchestvennye nauki. Pod obshch. red. T. B. Gorokhova. Minsk, 1966. 201 p.
- HUME, DAVID, 1711-1776**
Hume, David. [Works in two volumes. Translated from English] Sochineniya v dvukh tomakh. Moskva, Mysl'.
Vol. 2. 1965. 626 p. (Filosofskie nauch. tr.)
- HUMERUS—FRACTURE**
Primary metal osteosynthesis in open fracture of the humerus and thrombosis of the brachial artery. V. G. Gliko. Ortop., travm. i protez. 27 no. 7:61-64 J1 '66.
- HUMIC ACID** see subdivision under Krasnoyarsk Territory
- HUMUS**
(see also subdivision under Czechoslovakia; Smolensk Province; Terek Delta)
Effect of micro-organisms on synthesis of humic substances in soil as related to use of nitrogen fertilizers along with straw and other plant residues. I. S. Zakharov, N. P. Taran. Mikrobiol. prot. v pochv. Mold. no. 2:12-22 '65.
Possibility of determining the humus content in acidic soils according to Turin's method. N. B. Mitina. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:214-217 '66.
Role of iron and organic substances in aggregation of soil clayey components. V. V. Keilerman, I. G. Krasnaya. Pochvovedenie no. 8:68-69 Ag '66.

- HUNGARY—AGRICULTURE, COOPERATIVE**
Early history of socialist reform of Hungarian farming. H. M. Kyparenko. Pyl. nov. ta novit. ist. no. 2:16-24 '65.
- HUNGARY—BIBLIOGRAPHY**
[New literature on Hungary] Nov. It. po Veng. no. 6 '66.
- HUNGARY—COMMERCE**
From trade practice in Hungary and Czechoslovakia. V. Petrov, L. Tariverdiev. Sov. torg. 38 no. 7:50-54 JI '66.
- HUNGARY—JOURNALISM—CONGRESSES**
5th Congress of the Hungarian Journalists' Union. G. A. Gerasimova. Vest. Mosk. un. Ser. II: Zhur. 21 no. 1:50-55 Ja-I' '66.
- HUNGARY—LAW SCHOOLS**
The training of lawyers in the universities of the Hungarian People's Republic. J. Ber. Vest. Mosk. un. Ser. 12: Pravo 21 no. 2:91-23 Mr-Apr '66.
- HUNGARY—RELATIONS (GENERAL) WITH RUSSIA**
[Simferopol' - Kechkemet] Simferopol' - Kechkemet. Simferopol', "Krym," 1965. 94 p.
- HUNGARY—SOCIAL CONDITIONS**
Hungary in 1964. Istvan L. Szabo. Aglinter no. 6:18-20 Mr '64.
- HUNGARY—STRIKES AND LOCKOUTS**
Labor movement in Hungary in 1924. I. M. Branchak. Pyl. nov. ta novit. ist. no. 2:41-54 '65.
- HUNGARY—WHOOPING COUGH—PREVENTIVE INOCULATION**
Vaccination against whooping cough in the Hungarian People's Republic in 1953-1953. K. Solt. Zhur. mikrobiol. epid. i immu. 43 no. 7:6-10 JI '66.
- HUNGARY—WORLD WAR, 1939-1945**
Sharokhin, M. N., and V. S. Petukhin. [Road to Bataan] Put' k Bataonu. Moskva, Voenizdat, 1966. 142 p.
- HUNTING**
Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zhivotnogo syr'ya i pushbny. [Problems of hunting and trapping and fur farming; materials of a scientific conference. . . April 6-12, 1964] Voprosy okhoinich'ego khozaistva i zverovodstva; materialy nauchnoi konferentsii. . . 6-12 aprilia 1964 g. Moskva, Ekonomika, 1965. 350 p.
- Russia (1923- U.S.S.R.) Glavnoe upravlenie okhoinich'ego syr'ya i pushbny. [Problems of hunting and trapping and fur farming; materials of a scientific conference. . . April 6-12, 1964] Voprosy okhoinich'ego khozaistva i zverovodstva; materialy nauchnoi konferentsii. . . 6-12 aprilia 1964 g. Moskva, Ekonomika, 1965. 350 p.**
- HUTARAU, IVAN VASIL'EVICH, 1906-**
The path of creative quests; on I. V. Hutarau's 60th birthday. S. K. Maikrovich, A. S. Fladosk. Vestsi AN BSSR, Ser. hum. nav. no. 2:121-124 '66.
- HYALIN**
Hematogenic origin of vascular hyalin. V. S. Rukosuev. Arkh. pat. 28 no. 6:73-79 '66.
- HYALURONIC ACID—THERAPEUTIC USE**
Use of hyaluronidase and hyaluronic acid in traumas and orthopedic diseases; survey of the literature. A. E. Kucherenko. Ortop. i travm. i protez. 27 no. 5:76-81 My '66.
- HYALURONIDASE—THERAPEUTIC USE**
Use of hyaluronidase and hyaluronic acid in traumas and orthopedic diseases; survey of the literature. A. E. Kucherenko. Ortop. i travm. i protez. 27 no. 5:76-81 My '66.
- HYDANTOIN**
Synthesis and study of 5-arylidene derivatives of hydantoin. I. I. Koplichuk. Farmatsev. zhur. 21 no. 3:10-13 '66.
- HYDRAULIC CONTROL**
Electrohydraulic servo system for strip centering. I. S. Gornel'skii, A. Kh. Osadchii. Mekh. i avtom. upr. no. 3: 4-7 My-Je '66.
- HYDRAULIC CONVEYING**
Wear of pipelines, breakage of the material conveyed, and hydraulic resistances in hydraulic transportation. V. V. Trainsin, K. I. Iafarov. Fiz. i tekhn. probl. razrab. pot. iskop. no. 2:104-113 '66.
- HYDRAULIC ENGINEERING**
Accuracy of the adjustment of points using the closed triangle method. V. I. Iashin. Trudy NIIGAIK 18 no. 1:77-80 '64.
- Calculating maximal discharge transformation regulating capacity of water reservoirs. L. G. Babukhin. Soob. AN Gruz. SSR 43 no. 1:151-155 JI '66.
- Determining horizontal displacements of hydraulic structures using the method of alignment parts. I. E. Donskikh. Trudy NIIGAIK 18 no. 1:71-76 '64.
- HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES**
The "VZOG" universal core lifter. D. Rasha. Rech. transp. 25 no. 7:37-38 '66.
- HYDRAULIC MACHINERY** see subdivision under United States
- HYDRAULIC MINING**
Hydraulic mining methods as an efficient way of overburden removal in the building of open-pit mines. I. A. Ganichev. Shkhit. stroi. no. 7:6-8 JI '66.
- HYDRAULIC MINING—EQUIPMENT AND SUPPLIES**
Reducing gas pressure in opening of thick steep seams by hydraulic fracturing. V. I. Kirsanov, L. S. Sen'ko, L. P. Tomashevskii. Shkhit. stroi. no. 7:20-21 JI '66.
- HYDRAULIC STRUCTURES—CORROSION**
Conference on the corrosion protection of hydraulic structures in fresh water. M. S. Trifil', E. D. Glikhshteyn. Zashch. met. 2 no. 3:75 My-Je '66.
- HYDRAULIC STRUCTURES—DESIGN AND CONSTRUCTION**
Tsulakidze, P. P. [Experience in building hydraulic structures]. Opyt vozvedeniia gidrotekhnicheskikh sooruzhenii. Tbilisi, Tskhna, 1963. 77 p.
- HYDRAULIC STRUCTURES—FOUNDATIONS**
Ailaa, E. E., and A. N. Meshcheriakov. [Bracing the foundation beds of hydraulic structures] Ukrepleniye osnovani gidrotekhnicheskikh sooruzhenii. Izd. 2., perer. i dop. Pod red. V. S. Eristava. Moskva, Energiia, 1966. 115 p.
- HYDRAULIC TURBINES**
Encapsulated hydraulic turbine-generator units and their improvement for serial manufacture. L. I. Stanislavskii and others. Energ. i elek. no. 3:38-40 My-Je '66.
- Installation and operation of encapsulated hydraulic turbine-generator units. F. N. Gurevskii, A. V. Il'inski. Energ. i elek. no. 3:40-42 My-Je '66.
- Results of the studies of the thermal state of encapsulated hydraulic turbine-generator units. L. I. Stanislavskii and others. Energ. i elek. no. 3:42-44 My-Je '66.
- HYDRAULICS**
Hydraulic resistance of narrow annular channels with helical fins. V. I. Subbotin, A. V. Sheinina. Atom. energ. 21 no. 1:13-16 JI '66.
- Thermistors as elements of an electrical model. E. P. Grigorevskii. Energ. i elek. no. 3:33-34 My-Je '66.
- HYDRAZIDES**
Hydrazides and hydrazines of the thiazolidine series. L. S. Frankovich. Farmatsev. zhur. 20 [1, 2] no. 4:27-30 '66.
- HYDRAZINE**
Hydrazides and hydrazines of the thiazolidine series. L. S. Frankovich. Farmatsev. zhur. 20 [1, 2] no. 4:27-30 '66.
- Study of the antagonism of adrenergic substances and MAO-inhibitor as related to aminazin in experiments with *Paramecium caudatum* Ehrbg. A. V. Stanislavskaya, L. G. Rodina. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:56-58 '66.
- HYDRAZONES**
Interaction of hydrazones and azines with metal salts. Report No. 7: Comparative study of diazoaliphatic and hydrazone methods of synthesis of organomercury compounds. A. S. Gudkova, M. I. Aleinikova, O. A. Reutov. Izv. AN SSSR, Ser. khim. no. 7:1165-1171 '66.
- HYDROBIOLOGY—JUVENILE LITERATURE**
Sladkov, N. I. [Underwater newspaper] Podvodnaya gazeta. Leningrad, Detskaya literatura, 1960. 303 p.
- HYDROCARBONS**
Activity and selectivity of some mixed catalysts for a selective oxidation of unsaturated hydrocarbons on the C-H bond. S. S. Stroeva and others. Neftekhimiia 6 no. 3:412-422 My-Je '66.
- Association of potassium polybutadiene in hydrocarbon media. R. V. Basova, A. R. Gontmakher, S. S. Medvedev. Dokl. AN SSSR 169 no. 2:368-370 JI '66.
- Catalytic conversions of alkylaromatic and alkylnaphtenic C₁₈ hydrocarbons. T. S. Shukarashvili, N. G. Bekauri. Soob. AN Gruz. SSR 43 no. 1:87-103 JI '66.
- Conversions of hydrocarbons in the presence of spent and reactivated platinum reforming catalysts. V. V. Shipilkin and others. Neftekhimiia 6 no. 3:401-406 My-Je '66.
- HYDROCARBONS—SPECTRA**
More about the structure of some anion-radicals of aromatic hydrocarbons. V. M. Kazakova, I. A. K. Syrkin. Izv. AN SSSR, Ser. khim. no. 7:1270-1271 '66.
- HYDROCHLORIC ACID**
Action of bromine and hydrogen chloride on some aromatic organogermanium compounds. S. A. Sarankina, Z. M. Manikina. Zhur. ob. khim. 36 no. 7:1299-1301 JI '66.
- Disinfection of drinking water with hydrochloric acid. G. I. Dzilikhova. Sbor. nauch. trud. SOGMI no. 12:46-49 '64.
- HYDRODYNAMICS**
All-Union symposium on hydrodynamics and heat transfer of non-Newtonian liquids. L. F. Kozlov. Prikl. mekh. 2 no. 7:144 '66.
- Asymptotic behavior of Green's functions in viscous hydrodynamic approximation for the statistical mechanics of quantum systems. B. I. Sadovnikov. Dokl. AN SSSR 169 no. 1:66-69 JI '66.
- Convective heat transfer in a tubular heat exchanger during the straight-through passage of a suspension flow and granular material. D. F. Tolbachuk. Izv. vys. ucheb. zav.; energ. 9 no. 7:86-93 JI '66.
- Determining bottom pressure behind a step in case of a stalled flow. M. D. Tarnopol'skii, E. S. Golikov. Inzh. fiz. zhur. 10 no. 8:718-722 '66.
- Determining the hydrodynamic forces and momentum acting on a hydroturbine blade. I. F. Konanykhin. Izv. vys. ucheb. zav.; energ. 9 no. 7:98-102 JI '66.
- Interpretation of the conception of pressure in a liquid from the viewpoint of power engineering. E. A. Danilchuk. Izv. vys. ucheb. zav.; energ. 9 no. 7:103-106 JI '66.
- Longitudinal hydrodynamic mixing in porous media with stagnant zones investigated by means of a harmonic signal. V. G. Levich, V. S. Markin, I. A. Chizmadzev. Dokl. AN SSSR 169 no. 8:1364-1366 Je '66.
- HYDROELECTRIC POWER STATIONS** see Dnepropetrovsk Hydroelectric Power Station; Kiev Hydroelectric Power Station; Nurek Hydroelectric Power Station; Volga Hydroelectric Power Station (22d Congress of the CPSU)
- HYDROFOIL BOATS—PAINTING**
Protecting against corrosion the hulls of river hydrofoil boats. S. Zakharov, I. I. Matasov. Rech. transp. 25 no. 7:23-24 '66.
- HYDROGEN**
Reduction of germanium tetrachloride by hydrogen on a heated surface. I. V. Petrusovich, L. A. Niselskii, A. I. Beliaev. Izv. AN SSSR, Neorg. mat. 2 no. 6:1105-1106 Je '66.
- HYDROGEN PEROXIDE**
Oxidation of sulfides by hydrogen peroxide in acetic anhydride and acetic acid. E. M. Karaeva and others. Neftekhimiia 6 no. 3:400-406 My-Je '66.
- HYDROGEN PEROXIDE—PHYSIOLOGICAL EFFECT**
Physiological significance of hydrogen peroxide in an aerobic organism. A. A. Gurevich, I. N. Trubchev. Dokl. AN SSSR 169 no. 2:476-479 JI '66.
- HYDROLOGY** see subdivision under Armonia
- HYDROLOGY—BIBLIOGRAPHY** see Bibliography—Hydrology
- HYDROLOGY—DICTIONARIES**
Doev, G. N., and K. S. Lesov. comps. [English-Russian hydrological dictionary. 14,000 terms] Anglorusskii gidrologicheskii slovar'. 14 000 terminov. Pod red. V. V. Rukhmanova. Moskva, Sovetskaini Entsiklopediya, 1966. 200 p.
- HYDROLOGY—MAPS** see subdivision under Black Sea
- HYDROLYSE**
Carrying out the alkali hydrolysis of nitriles according to the periodic scheme. V. A. Linshteyn, B. R. Serabriakov. Izv. vys. ucheb. zav.; nef. i gaz 6 no. 3:58 '66.
- Effect of the two-step aqueous prehydrolysis of larch wood on the physicochemical properties of viscose sulfate pulp. S. D. Antonovskii and others. Hum. prom. no. 6:4-5 Je '66.
- Optimization of the hydrolytic decomposition of 4, 4-dimethyl-1, 3-dioxane into 3-methyl-1, 3-butanediol under isobutylene pressure by statistical planning of the experiment. T. D. Iasnina and others. Neftekhimiia 6 no. 3:403-407 My-Je '66.
- Studying the composition and structure of xylene from raw materials for the hydrolysis industry. Report No. 3. G. I. Obukhova, V. I. Shavkov. Izv. vys. ucheb. zav.; nef. i gaz 6 no. 3:151-155 '66.
- Use of information systems in hydrolysis plants. A. I. Finkel'. Mekh. i avtom. upr. no. 3:1-3 My-Je '66.
- HYDROMICA**
Effect of hydrothermal treatment on structure-forming processes in mineralized hydromorphic dispersions. S. P. Nychyporenko, H. R. Vainor, M. M. Kruhlyts'kyi. Dop. AN URSR no. 7:902-905 '66.

HYDROPEROXIDES

- Liquid phase oxidation of isopropyltoluene to hydroperoxide, A. V. Bondarenko and others. *Neftekhimiya* 6 no. 3:423-428 My-Je '66.
- Production of hydroperoxides in the oxidation of m-dialkylpropylbenzene, P. F. Ivanenko. *Neftekhimiya* 6 no. 3:430-433 My-Je '66.
- Surface-active properties of alkyl tertiary hydroperoxides, M. R. Vilenakina and others. *Koll.zhur.* 28 no. 3:334-337 My-Je '66.

HYDROPHOBIA see Rabies

HYDROPONICS

- Use of glass reinforced plastics in the hydroponic method of plant growing. N. N. Zaslavskii and others. *Khim.v sel'.khoz.* 4 no. 6: 62-63 Je '66.

HYDROQUINONE

- Interaction in ternary systems consisting of urea, phenol, dihydric phenols. Part 2: System urea - phenol - hydroquinone. A. G. Palobekov, A. G. Bergman. *Zhur. ob.khim.* 36 no. 7:1186-1189 Ji '66.

HYDROTHERAPY

- Using mine waters in balneology. E. Kluregian. *Prem.Arm.* 9 no. 5: 63-64 My '66.

HYDROXAMIC ACIDS

- Derivatives of trifluoroacetylhydroxamic acid. B. L. Diatkin, A. A. Gevorgian, I. L. Knunians. *Zhur. ob.khim.* 36 no. 7:1325-1330 Ji '66.

HYDROXYLAMINE

- Interaction of nitron fiber with hydroxylamine chloride. Sh. V. Pichkhadze, S. M. Soshina. *Soob. AN Gruz. SSR* 43 no. 1:89-95 Ji '66.

HYGIENE

- Khoroshev, A. F. [It depends on you, as a human being] Eto ot tebia zavisi, cheloveka. [Leningrad] Lenizdat, 1965. 293 p. (Sovetsy vracha) (DNLM)

HYGROMETRY

- Computation of the water vapor content of the atmosphere. K. A. Tavartkiladze. *Soob. AN Gruz. SSR* 43 no. 1:71-73 Ji '66.

HYPEREMIA

- Local gastric hyperemia in duodenal hemorrhages. B. A. Petrov, N. N. Korenev. *Khirurgia* 42 no. 6:10-16 Je '66.

HYPERSONIC AERODYNAMICS see Aerodynamics, Hypersonic

HYPERSPLENISM

- Significance of splenic hemolysis in the pathogenesis of the anemic syndrome in hypersplenism. A. M. Akhundova, R. T. Farmanov. *Azerb.med.zhur.* 43 no. 5:11-16 My '66.

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION

- Biliary hypertension of ductus choledochus. E. I. Gal'perin, B. A. Petrov. *Khirurgia* 42 no. 6:103-108 Je '66.
- Clinical aspects and diagnosis of the primary pulmonary hypertension syndrome. O. V. Vinogradskii, P. O. Viazitskii. *Sov.med.* 29 no. 7:81-84 Ji '66.
- Clinical testing of the hypotensive substance, dimetacolin, in the treatment of patients with hypertension. T. S. A. Levina, A. I. Romanovskaya. *Sov.med.* 29 no. 6: 83-87 My '66.

HYPOTHALAMUS—DISEASES

- Clinical and physiological characteristics of adiposity in lesions of the hypothalamus. A. D. Lauta. *Fiziol. zhur. [Ukr.]* 12 no. 4:518-524 Ji-Ag '66.
- Some indices of energy metabolism in lesions of the hypothalamus region of the brain. I. M. Man'kova'ka. *Fiziol. zhur. [Ukr.]* 13 no. 4:550-554 Ji-Ag '66.

HYPOTHALAMUS—INNERVATION

- Effect of the hypothalamus stimulation on the motor activity of the multicamerate stomach in sheep. P. Tulbaev, I. Sharipov. *Izv. AN Kazakh. SSR. Ser. biol.* 4 no. 3:80-91 My-Je '66.

HYPOTHERMIA

- Morphological changes in brain and internal organs of dogs following clinical death under conditions of hypothermia. N. P. Romanova. *Arkhi.pat.* 23 no. 6:69-73 '66.

HYPOXANTHINE

- Incorporation of the 5-C-atom of 4, 5-dihydroxyvaleric acid into hypoxanthine and inosinic acid of the pigeon liver. R. A. Sprysheva, A. A. Poznanakina. *Dokl. AN SSSR* 168 no. 5:1205-1207 Je '66.

ICE—TEMPERATURE see subdivision under Franz Josef Land; Novaya Zemlya

ICE-BREAKING VESSELS

- Ignat'ev, M. A. [Propellers of ships sailing in ice-infested waters; design characteristics] Grebnye vinty sudov ledovogo plovaniia; osobennosti proektirovaniia. Leningrad, Sudostroenie, 1966. 113 p. diagrs. (insert)

ICE ON RIVERS, LAKES, ETC. see subdivision under Siberia

ICELAND SPAR

- Characteristics of the formation of Iceland spar in carbonate rocks. N. I. Andrusenko, N. I. Il'in. *Trudy VNIIP [MS]* 4 no. 2:29-48 '66.
- Role of structural factors in the distribution of Iceland spar deposits related to intrusive trap rocks. N. I. Andrusenko, S. A. Kuzovkin. *Trudy VNIIP [MS]* 7:159-168 '62.
- Yellow color of Iceland spar and the methods of its decolorization. G. F. Komovskii, I. A. P. Snopko. *Trudy VNIIP [MS]* 1 no. 1:141-150 '57.

IDEALS (ALGEBRA)

- On certain identical relations in algebras. A. I. Shirshov. *Sib.mat.zhur.* 7 no. 4:683-686 Ji-Ag '66.
- Potential reversibility of semigroup elements. E. G. Shutov. *Izv. vyz. ucheb. zav.; mat.* no. 4:163-163 '66.
- Voronoi's generalized comparison and the number of classes of ideals of an imaginary quadratic field. Part 2. I. Sh. Slavutskii. *Izv. vyz. ucheb. zav.; mat.* no. 4:118-126 '66.

IEMETZ', VASIL', 1890-

- Iemetz', Vasil'. [Golden anniversary in the service of the Ukraine. About Cossack bandurists] U zoloto 50-riechchia na sluzhbi Ukraini. Pro kozakiv-bandurnykyi. Hollywood, 1961. 381 p. (CoU)

IFORAS, ADRAR DES—GEOLOGY, STRUCTURAL

- Some problems of the formation of Tassili in the western slope of the Adrar des Iforas. D. Trofimov. *Biol. MOIP. Otd.geol.* 41 no. 2: 98-102 Mr-Apr '66.

see Rocks, Igneous

MS

ticulum as the cause of acute processes
nal cavity. A. F. Petrov. *Sov.med.* 29
Ji '66.

(AKHSTAN)—MOSQUITOES

quitoes in the mountain part of the III
imbekov. *Izv. AN Kazakh. SSR. Ser.*
1-76 My-Je '66.

PINE TRIBE)

fers." V. Makarenko. *Az. i Afr. sog.*
Ag '66.

rides in the synthesis of complex
Vlasov, IU. V. Mitin, M. M. Koton.
198 no. 5:1069-1071 Je '66.

munological indices in recurrent cases
I. S. Orskneva. *Sov.med.* 29 no. 7;

rtificial immunization on the natural
oe to virus infections. L. P. Gershun-
snova, M. I. Parasonia. *Zhur.mikrobiol.*
43 no. 8:77-81 Ag '66.

Epidemiological significance of carriers of toxigenic
strains of diphtheria bacilli in an immunized collective.
G. N. Radtsig and others. *Zhur.mikrobiol., epid.i immun.* 43 no. 7:121-125 Ji '66.

Immunogenicity and sensitizing properties of axen
recombinants of Escherichia coli and Shigella flexneri.
N. S. Motavkina. *Biol. eksp. biol. i med.* 62 no. 7:74-78
Ji '66.

Immunological changes in persons from scleroma facii
and the incidence of scleroma. A. P. Kuznetsov and
others. *Zhur.mikrobiol., epid.i immun.* 43 no. 8:
118-121 Ag '66.

Immunological reactivity of the body under reduced
atmospheric pressure in pressure chamber. Report
No. 1: Effect of reduced atmospheric pressure on the
immunological state in mice with experimental infec-
tion caused by typhoid bacilli and Staphylococcus. I. M. P.
Krotkova. *Zhur.mikrobiol., epid.i immun.* 43 no. 8:
151 Ag '66.

Immunomorphological changes in organs of white rats
during experimental silicosis. B. K. Skoko, V. E.
Korosteleva. *Arkhi.pat.* 26 no. 6:3-9 '66.

Polysaccharides as the stimulants of some indices of
natural immunity. G. E. Arkad'eva, M. A. Koshlitsa.
Zhur.mikrobiol., epid.i immun. 43 no. 7:143-144 Ji
'66.

Role of leucithinase in the creation of immunity to
experimental gas gangrene. I. A. Lortin, M. V. Ispas-
latovskaya. *Zhur.mikrobiol., epid.i immun.* 43 no. 7:
125-130 Ji '66.

IMMUNOCHEMISTRY

Immunochemical properties of isolated H-antigen of the
typhoid fever bacillus. N. G. Pish, N. S. Stasulavskii.
Zhur.mikrobiol., epid.i immun. 43 no. 6:43-52 Ag
'66.

IMMUNOLOGICAL RESEARCH

Effect of pre-existing immunity to one of the antigens
of the polyvalent plague, tularemia and brucellosis
vaccine on the immunizing properties of the other com-
ponents. Report No. 1. V. G. Pilypenko. *Zhur.
mikrobiol., epid.i immun.* 43 no. 7:73-76 Ji '66.

Immunological reactions of isolated cells. Report No. 2:
Effect of the number of immunizations and of the anti-
gen doses on the antigen production by individual cells.
I. A. S. Shvartsman, M. K. Karpov, A. V. Imshinova.
Zhur.mikrobiol., epid.i immun. 43 no. 7:23-23 Ji '66.

Morphological study of the effect of preventive immuniza-
tion and blockade of the reticuloendothelial system on
the course of radiation sickness. V. Kh. Vysok-
bradova, M. M. Pal', Z. D. Domashenko. *Fiziol. zhur.
[Ukr.]* 12 no. 4:554-559 Ji-Ag '66.

Possibility of peroral immunization of experimental
animals with smallpox vaccine virus. Report No. 1:
Immunological changes in vaccinated animals. A. A.
Vorobiev and others. *Zhur.mikrobiol., epid.i immun.*
43 no. 8:69-72 Ag '66.

Study of the immunological properties of a soluble prok-
eatin provaccine antigen. Report No. 3: Immunological
properties of aerological "mute" fractions of soluble
antigen. B. P. Lukin, A. A. Vorobiev, N. N. Vasil'ev.
Zhur.mikrobiol., epid.i immun. 43 no. 8:63-63 Ag
'66.

IMMUNOLOGICAL TOLERANCE

Immunological tolerance in adult bodies; a review of the
literature. A. S. Shovelov. *Zhur.mikrobiol., epid.i
immun.* 43 no. 7:41-47 Ji '66.

IMMUNOLOGY

Effect of radioactive isotopes on immunological reactivity
of the animal organism. S. M. Iakim. *Radiofizika*
6 no. 4:827-830 '66.

Pavlenko, S. M. [Problem of reactivity in the light of
neurotrophic theory; lecture] Problema reaktivnosti
v svete nevrotroficheskoi teorii; lektsii. [2. izd.]
Moskva, 1-1 med. in-t, 1965. 51 p.

INCANDESCENT ELECTRIC LAMPS see Electric Lamps, Incandescent

INCENTIVES IN AGRICULTURE

Each machinery operator is entitled to receive material
incentives. N. Grishchenko. *Part. zhian'* no. 14:3-31
Ag '66.

INCENTIVES IN INDUSTRY

(see also subdivision under Zaporozhye)

Panov, N. N., and V. D. Kharin. [Labor incentives for
workers in the service industries] Stimulirovaniie
truda rabotnikov sfery obsluzhivaniia. Pod red. D. M.
Bukharovskogo. Moskva, Mysl', 1966. 123 p.

INCOMPATIBLES (PHARMACY)

Compatibility of injection solutions. H. A. Valamyan, H. P.
Bado. *Farmatsev. zhur.* 20(1, o. 21) no. 4:94-95 '66.

INDAN

Alkylation of β -diketones of the perhydroindan series
and their enamines. L. N. Ivanova and others. *Izv. AN
SSSR Ser. khim.* no. 7:1214-1218 '66.

INDIAN—THERMAL PROPERTIES

Thermal stability of 1-thialindan and its conversions on aluminosilicate catalysts. F. G. Khalil' and others. *Neftekhimiya* 6 no. 3:472-479 My-Je '66.

INDEPENDENT CONTRACTORS

Discussion of the civil law aspects of personal services. I. P. Prokopenko. *Sov. gos. i pravo* 36 no. 8:136-137 Ag '66.

INDEX NUMBERS (ECONOMICS)

Evaluation of the influence of factors of economic indices. G. E. Edol'gauz. *Trudy LIEI* no. 59:152-165 '66.

INDIA—AGRICULTURAL IMPLEMENTS

Reproduction of work implements on Indian farms in the 20th century. A. P. Kolontsev. *Nar. Az. i Afr.* no. 4:76-84 '66.

INDIA—AGRICULTURE

Combination of agriculture and rural handicraft in India in the 19th century. V. I. Pavlov. *Nar. Az. i Afr.* no. 4:68-77 '66.

INDIA—AGRICULTURE—ECONOMIC ASPECTS

Natural basis of reproduction in the agriculture of India. *Nar. Az. i Afr.* no. 4:67 '66.

INDIA—ARTISANS

Combination of agriculture and rural handicraft in India in the 19th century. V. I. Pavlov. *Nar. Az. i Afr.* no. 4:68-77 '66.

INDIA—COMMEMORATIVE POSTAGE STAMPS

Champion of Independence. A. Iur'ev. *Az. i Afr. seg.* 10 no. 8:64 Ag '66.

INDIA—ECONOMIC CONDITIONS

With hope in the future. *Az. i Afr. seg.* 10 no. 8:4 Ag '66.

INDIA—ELECTIONS

India on the eve of elections. I. U. Gotlober, I. U. Shykenov. *Nov. vrem.* 24 no. 38:14-16 S '66.

INDIA—FOREIGN RELATIONS

Goroshko, G. B. [Struggle in India over the problems of foreign policy, 1957-1961] *Bor'ba v Indii po voprosam vneshnei politiki (1957-1961 gg.)* Moskva, IMO, 1966. 143 p.

INDIA—HISTORY

Enol'n'kiy, Z. A. [History of some eastern countries; India, Iran, Turkey, 1870-1918] *Istor. in krain zarubizhnogo skhodu: Indiya, Iran, Turtsheyna, 1870-1918.* [Kyiv] Vyd-vo Kyivs'koho univ., 1965. 211 p. (NN)

INDIA—PATENT LAWS AND LEGISLATION

Patent system in India. I. A. Morozov. *Vop. izobr.* no. 5:23-28 My '66.

INDIA—PATENT LICENSES

Patent publications in India and methods for their search. G. F. Serkh. *Vop. izobr.* no. 5:26-30 My '66.

INDIA—POLITICAL SCIENCE

Conception of "true nationalism" and its reactionary nature; on the example of the political ideology of India. A. G. Bel'skii. *Nar. Az. i Afr.* no. 4:18-26 '66.

INDIA—POLITICS AND GOVERNMENT

The Panchayats and their role in modern India; from the pages of Indian journals. N. N. Sosina. *Nar. Az. i Afr.* no. 4:216-226 '66.

INDIA—SALVAGE

Organization of salvage operations near the western coasts of India. *Sbor. mat. TSNIIMF* no. 156. Mor. pravo i prak. no. 31:62-63 '66.

INDIA—SIGNS AND SYMBOLS

Religious signs of Hindu sects. I. U. P. Nosenko. *Nar. Az. i Afr.* no. 4:200-203 '66.

INDIAN OCEAN—SEAWATER—COMPOSITION

Sirionium-90 in the deep waters of the Indian Ocean. N. I. Popov, V. M. Orlov, S. A. Patin. *Trudy Inst. okean.* 62:24-31 '66.

INDICTMENTS

Koblikov, A. S. [Court sentence] *Sudobnyi prigorov.* Moskva, Iuridicheskaya literatura, 1966. 133 p.

INDIGIRKA VALLEY—HORSES, FOSSIL

Mummified remains of wild horse from permafrost in Indigirka basin. V. E. Garut, K. V. Iur'ov. *Blul. Kom. cheiv. per.* no. 31:86-92 '66.

INDIUM PHOSPHIDES—THERMAL PROPERTIES

Heat conductivity of solid solutions of the semiconductor compounds InP—GaAs. N. N. Sirota, L. A. Makovetskaya. *Dokl. AN BSSR* 10 no. 7:449-451 JI '66.

INDIVIDUALITY

Some sociological problems in the formation of personality. P. E. Kriazhev. *Vop. filos.* 20 no. 7:13-24 '66.

INDONESIA—POLITICS AND GOVERNMENT

Events in Indonesia. I. Antonov. *Nov. vrem.* 24 no. 35:6-8 Ag '66.

INDUCTANCE

Use of an avalanche transistor as an analog of circuit inductance. M. M. Nekrasov, I. V. Kutovoi, V. S. Osadchuk. *Mekh. i avtom. upr.* no. 3:47-48 My-Je '66.

INDUCTION ELECTRIC MOTORS see Electric motors, Induction

INDUCTION HARDENING

Investigating the characteristics of the forming of a hardened layer during the induction hard facing of plowshares. V. N. Tkachev, B. M. Fishlein, N. V. Kazintsev. *Sbor. rab. NIITM* no. 11:150-164 '65.

INDUCTION HEATING

Bezruchko, I. I. [Characteristics of the induction heating of titanium alloys for hot working by pressure] *Osnovnosti induktsionnogo nagreva titanovykh splavov dlia gorilachei obrabotki davleniem.* Leningrad, 1966. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnoe formoobrazovanie)

Engineering and economic effectiveness of a contact method for treating steel rods. L. M. Bronshteyn, I. N. Pruse-Zhukovskaya, A. A. Prostnikov. *Prom. energ.* 21 no. 6:4-6 Je '66.

Induction heating of the rollers of sheet rolling mills. F. I. Gorin. *Prom. energ.* 21 no. 6:6-7 Je '66.

Manufacturing bimetal bushings by centrifugal methods with heating by high-frequency currents. M. D. Filinikov. *Trudy Ural. politekhn. inst.* no. 145:164-170 '65.

Studying the kinetics of induction heating of porous iron. I. N. Kidin and others. *Izv. vya. ucheb. zav. i chern. met.* 9 no. 7:133-137 '66.

Unit for heating bearings of various series. V. I. Lapteva. *Tekh. i org. proizv.* no. 1:74 Ja-F '66.

Use of induction heating in production and processing of plastics. L. U. Arkuski, V. S. Nemkov, B. S. Polevodov. *Plast. massy* no. 3:48-51 '66.

INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

Sherechavskii, I. A. [Industrial buildings and structures; their design; an album of drawings promyshlennogo zdanila i sooruzhenia; konstruirovani; al'bom chertezhei. Leningrad, Stroizdat, 1966. 164 p. (chiefly illus.)

INDUSTRIAL CAPACITY see subdivision under Leningrad

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS

Experimental investigation of the work of an ingot car. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 10:25-29 '66.

INDUSTRIAL ELECTRIC TRUCKS—ELECTROMECHANICAL ANALOGIES

Physical and electronic modeling of the electromechanical systems of metallurgical equipment. S. N. Kozhevnikov, V. F. Peshot, E. S. Mukhopad. *Trudy Dnepr. inst. cher. met.* 19:30-43 '65.

INDUSTRIAL EQUIPMENT

Checking correct utilization of capital assets. I. Kuznetsov. *Fin. SSSR* 40 no. 7:67-71 JI '66.

INDUSTRIAL EQUIPMENT—STANDARDS

Is it possible to establish standards for guaranteed durability of equipment? V. I. Skvirskii. *Stenl. i kach.* 30 no. 3:89 Mr '66.

INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS

New equipment... but what is it? L. Blank. *NYO* 6 no. 6:13-14 Je '66.

INDUSTRIAL LAWS AND LEGISLATION

Brahinski, M. I., and D. F. Erasmeev. [What is now in the legal status of industrial enterprises] *Novoe u pravaym palazhenii prapryomstva.* Minsk, Belarus', 1966. 36 p. (U dapanomu vyvuchaluchym ekonomiku, no. 10)

New regulations on the socialist industrial enterprises owned by the Soviet state. O. Pushkin. *Rad. pravo* 29 no. 2:55-59 F '66.

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia; Chelyabinsk; Czechoslovakia)

Analysis of the managerial operations of an enterprise. A. Sheremet. *Sov. profsoyuzy* 22 no. 14:30-31 JI '66.

Artisom'ou, A. S., and M. P. Ratushacu. [Direct ties between industry and trade] *Pranyia svyazi pramy-slovosti i handlu.* Minsk, Belarus', 1966. 23 p. (U dapanomu vyvuchaluchym ekonomiku, no. 7)

Currency circulation and the new system of management. I. Slavnyi. *Den. i kred.* 24 no. 7:10-20 JI '66.

The economic reform and its effect on the work of enterprises. I. Kurymin. *Fin. SSSR* 40 no. 8:40-45 Ag '66.

Economic reform and new correlations in distribution of monetary resources. I. Slavnyi. *Fin. SSSR* 40 no. 7:37-44 JI '66.

[Economics and finance of socialist enterprises] *Ekonomika i finansy gosstatisticheskikh predpriatii.* Izd. 2. Moskva, Finansy, 1966. 415 p.

First experience prompts. R. Rihe, I. Mamonova. *Den. i kred.* 24 no. 7:48-53 JI '66.

Help to reduce the cost of the administrative apparatus in every way possible. M. Kuzin. *Fin. SSSR* 40 no. 8:10-16 Ag '66.

Mal'finau, A. H., and V. R. Mauryashacu. [What is new in industrial management of the U.S.S.R.] *Novoe u kra-vannii pramyislovosti SSSR.* Minsk, Belarus', 1966. 34 p. (U dapanomu vyvuchaluchym ekonomiku, no. 2)

Introduction of new system of planning should be highly organized. I. Zhenchenko, P. Kallinin. *Plan. khoz.* 43 no. 8:30-36 Ag '66.

Legal problems in the management of industry by the local soviets of workers' deputies. R. S. Pavlovskii. *Izv. vya. ucheb. zav. i prav.* 10 no. 1:24-32 '66.

Ligerman, I. I. [Installation of the electrical equipment in industrial enterprises] *Komponovka elektro-oborudovaniia promyshlennykh predpriatii.* Moskva, Energiia, 1966. 167 p.

Os'kina, V. A. [Planning for industrial production] *Planiruvanie promyslovoi vyvorchastal.* Minsk, Belarus', 1966. 22 p. (U dapanomu vyvuchaluchym ekonomiku, no. 3)

Profitability and economic incentive funds. N. Garetskii. *Plan. khoz.* 43 no. 8:35-43 Ag '66.

Time of creative quests. N. Khramovskikh. *Part. zhizn'* no. 17:34-38 S '66.

Toward complete business accounting. P. Buntch. *Kommunist* 43 no. 12:27-37 Ag '66.

V. I. Lenin's ideas on management of socialist enterprises and their popularization in present-day economic literature. I. N. Ial'perin. *Bibliot. ta bibl.* no. 2:73-85 '66.

INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

Izdebaki, Zygmunt, and Jerzy Tudro. [Training of managerial personnel in enterprises of capitalist countries; critical and comparative analysis of theory and practice in training of managerial personnel. Translated from Polish] *Podgotovka rukovodivshchego personala predpriatii v kapitalisticheskikh stranakh; kritiko-sravnitel'nyi ocherk teorii i praktiki podgotovki rukovodivshchikh kadrov.* Predisl. D. M. Gvishiani. Moskva, Progress, 1966. 127 p.

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL ORGANIZATION

Production relations in socialist society. A. M. Eremin. *Vop. filos.* 20 no. 7:25-32 '66.

INDUSTRIAL PLANTS

Shchukin, A. A. [Gases and furnaces in industrial plants] *Gazovoe i pechnoe khoziaistvo zavodov.* Moskva, Energiia, 1966. 231 p.

INDUSTRIAL PROCUREMENT

(see also subdivision under Moscow)

Problems in the establishment of comprehensive norms and the management of stocks of equipment and supplies. V. S. Khrutskaya. *Trudy INKH* no. 42:60-74 '66.

Some problems in the efficient provision of rolled metal products for the national economy. I. A. D. Lozovol. *Trudy INKH* no. 42:3-10 '66.

Some problems of the comprehensive supply of materials and equipment in construction organizations. K. Sagadiev. *Trudy INKH* no. 42:20-33 '66.

Ways of improving planning for procurement in an industrial enterprise. I. U. A. Baganov. *Trudy INKH* no. 42:75-91 '66.

Ways of improving the supply of materials and equipment in the wool industry. V. F. Rodionov. *Trudy INKH* no. 42:47-55 '66.

INDUSTRIAL PROCUREMENT—STATISTICS

Pugacheva, A. A. [Statistics of supplying and selling materials and machinery] *Statistika material'no-tekhnicheskogo snabzhenia i sbyta.* Moskva, Statistika, 1966. 222 p.

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

Akademii stroitel'stva i arkhitektury SSSR. [Safety techniques and industrial sanitation; a handbook] Ehitustööde ohutustehnika ja tootervishoid; kastraamat, Tallinn, Eesti Riiklik Kirjastus, 1963. 308 p. [In Estonian] (DNLM)

INDUSTRIAL STATISTICS

Some statistical indices of the level of mechanization. L.A. Shaftranskaya. Vest. LGU 21 no. 11:46-54 '66.

INDUSTRIAL TOXICOLOGY

Forensic chemical examination for components of GTZ-22 brake fluid. K.V. Iakimova. Sud.-med. eksp. 9 no. 3:44-46 Ji-S '66.

INDUSTRIAL WASTES

Growing trees and shrubs on the waste of dressing plants. I.A. Smirnov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:111-116 Ji '66.

INDUSTRY—ABSTRACTS

[Economics of industry] Ref. sbor.; Ekon. prom. no. 7 Ji '66.

INDUSTRY—DEFENSE MEASURES

The entire collective. V. Gogin, V. Burlachenko. Voen. znan. 42 no. 8:20-21 Ag '66.

Instruction of detachments. A. Strigin. Voen. znan. 42 no. 8:28-29 Ag '66.

These are no trifles. M. Alekseev. Voen. znan. 42 no. 7:21 Ji '66.

INDUSTRY AND STATE

Role of the imperialistic state in the development of modern productive forces. N.V. Raskov. Vest. LGU 21 no. 11:26-36 '66.

INFANTS—CARE AND HYGIENE

Muglova, E.A. [Gymnastics and massage for infants] Gimnastika i massazh dlia detei rannego vozrasta. Moskva, Meditsina, 1965. 42 p. (Biblioteka srednego medrabotnika) (DNLM)

INFANTS—DISEASES

Role of influenza and parainfluenza viruses and adenoviruses in acute pneumonias in children under 2 years of age. V.V. Ritova, Z.M. Marchenko. Sov. med. 29 no. 5:14-17 My '66.

INFECTION

Vsesoiuznoe obshchestvo patofiziologov. [The infectious process; its pathogenesis and experimental therapy] Infektsionnyi protsess; patogenez, eksperimental'naya terapiia. Pod obshch. red. G.N. Kryzhanovskogo i V.V. Mikhailova. Moskva, Meditsina, 1966. 186 p. (DNLM)

INFECTIOUS ANEMIA see subdivision under Krasnodar Territory

INFECTIOUS HEPATITIS see Hepatitis, Infectious

INFLAMMATION

Methodology of obtaining serous neutrophil exudate in animals. M.S. Makarov. Lab. delo no. 8:455-456 '66.

INFLATION (FINANCE) see subdivision under Germany, West

INFLUENCE OF ALTITUDE see Altitude, Influence of

INFLUENZA—COMPLICATIONS AND SEQUELAE

Study of the functional state of the respiratory and cardiovascular systems in influenza and its complications. D.I. Pen and others. Sov. med. 29 no. 5:7-13 My '66.

INFLUENZA—PREVENTIVE INOCULATION

Evaluation of the effectiveness of mass vaccinations against influenza. A.N. Stepushkin and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:52-59 Ag '66.

INFLUENZA VIRUSES

Role of influenza and parainfluenza viruses and adenoviruses in acute pneumonias in children under 2 years of age. V.V. Ritova, Z.M. Marchenko. Sov. med. 29 no. 5:14-17 My '66.

INFORMATION DISPLAY SYSTEMS

Digital indicator with information filling in modular form. V.S. Sobko. Mekh. i avtom. upr. no. 3:15-17 My-Je '66.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Sokolov, A.V. [Mechanizing the information search in the reference and information collections of a local information unit] Opyt mekhanizatsii informatsionnogo polska v spravochno-informatsionnom fonde mestnogo organa informatsii. Leningrad, 1966. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Peredovoi opyt organizatsii nauchno-tekhnicheskoi propagandy i informatsii)

INFORMATION STORAGE AND RETRIEVAL SYSTEMS—TECHNOLOGY

Soviet ekonomicheskoi vzaimopomoshchi. Postolannia komissii po koordinatsii nauchnykh i tekhnicheskikh issledovani. [Overall mechanization and automation of procedures involving processing, searching, issuing, and long-distance transmission of scientific and technical information; transactions of the symposium, Moscow, June 1965] Kompleksnaya mekhanizatsiia i avtomatizatsiia protsessov obrabotki, poloka, vydachi i peredachi na rasstolnie nauchno-tekhnicheskoi informatsii; trudy simpoziuma, Moskva, iun' 1965. Moskva, 1966. 453 p.

INFORMATION THEORY

Calculation of some probability characteristics of an information transmission process for one class of centralized control systems. V.A. Zhozhiashvili, B.G. Khoroovich. Avtom. i telemek. no. 6:186-190 '66.

Distributed reception of information with fluctuation of object parameters. V.L. Volkovich. Izv. AN SSSR. Tekh. kib. no. 2:114-120 Mr-Apr '66.

Optimal detection of signals of a spatially distributed receiving system. V.L. Volkovich, I.U. Samoilenko. Izv. AN SSSR. Tekh. kib. no. 3:126-134 My-Je '66.

Spectral-correlational analysis of signals with nonintegrating spectra. A.N. Malakhov. Izv. vys. ucheb. zav. i radiofiz. 9 no. 3:595-607 '66.

Synthesis of informational systems with indirect action. V.I. Retach, M.B. Khadzhiiskii. Izv. AN SSSR. Tekh. kib. no. 3:157-163 My-Je '66.

Synthesis of systems transmitting continuous communications taking into account channel noise. A.I. Volchek. Izv. AN SSSR. Tekh. kib. no. 3:135-143 My-Je '66.

Value of information received with impossibility of direct observation of evaluated value. B.L. Stratono- vich, B.A. Grishanin. Izv. AN SSSR. Tekh. kib. no. 3: 3-15 My-Je '66.

INFORMATION THEORY IN MINING

Estimating the entropy in remote control systems. A.B. Markhasin. Fiz.-tekh. probl. razrab. pol. iskop. no. 2: 152-158 '66.

INFORMATION THEORY IN PSYCHOLOGY

Bzhalava, I.T. [Psychology of set and cybernetics] Psikhologiya ustanovki i kibernetika. Moskva, Nauka, 1966. 249 p.

Cybernetics and integrative brain activity. P.K. Anokhin. Vop. psikh. 12 no. 3:10-32 My-Je '66.

INFRARED HEATING

Gas-fired infrared burners with porous ceramic nozzles. B.M. Krivonozov. Gaz. prom. 11 no. 6:26-29 '66.

Sanitary and hygienic characteristics of gas-fired infrared heating systems. K.N. Pravoverov, Zh.V. Mirzozan. Gaz. prom. 11 no. 6:33-36 '66.

INFRARED RAYS

Gurevich, V.Z. [Hot light] Teplyi svet. Moskva, Nauka, 1966. 115 p. (Nauchno-popularnaya seriia)

INFRARED RAYS—MILITARY APPLICATIONS

As in daylight. I.U. Chernyshev. Voen. znan. 42 no. 9:35 Ag '66.

INFRARED SPECTROMETRY

Study of the kinetics of the process of polycondensation of carbohydrates using the method of infrared spectroscopy. V.A. Suz'menko, B.I. Sukhorukov. Fiziol. zhur. [Ukr.] 12 no. 4:537-540 Ji-Ag '66.

Use of infrared spectroscopy in the study of proteins of the cerebrospinal fluid. V.A. Cherkasova. Trudy TSIU 81: 8-12 '65.

INFRARED SPECTRUM see Spectrum, Infrared

INOC MOLD—TESTING

Influence of titanium and ferrotitanium on the resistance of ingot molds. B.Sh. Sal'man. Stal' 26 no. 6:500-501 Je '66.

INGULETS VALLEY (UKRAINE)—MICROCLIMATOLOGY

Meteorological conditions, thermal and water balances of soil surface during the work of a complex expedition. G.P. Dubinskii and others. Trudy UkrNIGMI no. 63:5-11 '66.

INHIBITION (CHEMISTRY)

Active components of the KKh-2 corrosion inhibitor. N.G. Chen. Zashch. met. 2 no. 3:362-364 My-Je '66.

Characteristics of the inhibition of the corrosion of steel in hydrochloric acid by certain unsaturated organic substances. I.N. Patlova, E.N. Chislova. Zashch. met. 2 no. 3:280-294 My-Je '66.

Kinetic criterion of applicability of inhibitors of free radical processes in radiobiology and oncology. E.B. Burlakova and others. Dokl. AN SSSR 169 no. 3:666-661 Ji '66.

Mechanism of the effect of inhibitors of the acid corrosion of metals. Inhibition of iron corrosion in hydrochloric and sulfuric acid solutions by compounds of the pyridine series. L.I. Antropov. Zashch. met. 2 no. 3: 279-288 My-Je '66.

INJECTIONS

Compatibility of injection solutions. H.A. Vatanian, H.Jl. Sade. Farmats. zhur. 20[1. a. 21] no. 4:94-95 '66.

INJECTIONS, HYPODERMIC

Subcutaneous and intramuscular methods of immunization with pertussis-diphtheria-tetanus, sorbed pertussis-diphtheria-tetanus, and sorbed diphtheria-tetanus vaccines. E.A. Baeva and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:59-62 Ag '66.

INJECTIONS, INTRA-ARTERIAL

Introduction of drugs into aorta following radical surgery for cancer of cardiac part of stomach and caecum. V.A. Ivanov, V.A. Goldin. Khirurgiya 42 no. 6:80-85 Je '66.

INJECTIONS, INTRAMUSCULAR

Subcutaneous and intramuscular methods of immunization with pertussis-diphtheria-tetanus, sorbed pertussis-diphtheria-tetanus, and sorbed diphtheria-tetanus vaccines. E.A. Baeva and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:59-62 Ag '66.

INJECTIONS, INTRAVENOUS

Methodology of intravenous introduction of various liquids at a prescribed rate. P.V. Iakhin. Fiziol. zhur. [Ukr.] 12 no. 4:562-563 Ji-Ag '66.

INJURIOUS AND BENEFICIAL BIRDS see Birds, Injurious and beneficial

INJURIOUS AND BENEFICIAL INSECTS see Insects, Injurious and beneficial

INLAND NAVIGATION

The danger of ship collisions. S. Svetlakov, A. Bessonov. Rech. transp. 25 no. 7:43 '66.

River echo-trawl. V. Leont'ev, A. Iakavlev. Rech. transp. 25 no. 7:45-46 '66.

INLAND NAVIGATION—CONGRESSES

Session on navigation problems. I. Nazarov, V. Pavlovskii, A. Polunin. Rech. transp. 25 no. 7:44 '66.

INLAND WATER TRANSPORTATION

Improve the effectiveness of the use of the container pool. N. Alekseev. Rech. transp. 25 no. 7:12-13 '66.

Increase the speed of the shipping of goods. Rech. transp. 25 no. 7:1-2 '66.

INLAND WATER TRANSPORTATION—MANAGEMENT

Improving the planning and economic stimulation of water transportation. V. Mikhailov. Rech. transp. 25 no. 7:6 '66.

INLAND WATER TRANSPORTATION—RESEARCH

In the Board of the Ministry of the River Fleet. Rech. transp. 25 no. 7:53 '66.

INOSINIC ACIDS

Effect of prolamine and inosinic acid on the activity, dimerization, and crystallization of phosphorylase in a rabbit muscle. G.V. Silonova, M.P. Iakovskaya, V.I. Pikhelgus. Dokl. AN SSSR 168 no. 4:463-464 Ji '66.

Incorporation of the 5-C-atom of 4,5-dihydroxyvaleric acid into hypoxanthine and inosinic acid of the placenta. R.A. Sprysheva, A.S. Poznanakova. Dokl. AN SSSR 168 no. 5:1205-1207 Je '66.

INPUT-OUTPUT ANALYSIS see Linear programming

INSANE, CRIMINAL AND DANGEROUS

Increasing the effectiveness of repressive measures of a medical nature as means of preventing the commission of dangerous public acts. A.A. Khomovskii. Sov. gos. i pravo 36 no. 8:127-130 Ag '66.

INSCRIPTIONS see subdivision under Black Sea region; Caucasus; Odia (Boryathones)

INSCRIPTIONS, CAIAN

Shevorosikina, V.V. [Investigations in deciphering Caian inscriptions] Issledovaniia po doshtrovke kairiiskikh nadpisel. Moskva, Nauka, 1965. 356 p. (CAOTU) (NoU)

INSECT BAITS AND REPELLENTS

Results of studying fragrant substances as attractants for insecticides and repellents. I.G. Karpov, G.A. Karpov, K.S. Kuznetsova. Khim. v sel. khoz. 4 no. 1:21 Ji '66.

INSECT TRAPS

Terskov, I.A., and N.G. Kolomiets. [Light traps and their use in plant protection] Svetovoye lovushki i ikh ispol'zovanie v zashchite rastenii. Moskva, Nauka, 1966. 144 p. (DNAL)

INSECTICIDES

Effect of chemical and microbiological treatment on diamondback moth. B.P. Adashkevich. Zool. zhur. 45 no. 7:1040-1046 '66.

INSECTICIDES (Continued)

- Effect of X-ray irradiation on the sensitivity of insects to insecticides. V. I. Vashkov, V. D. Poleshchuk. Zhur. mikrobiol., epid. i immun. 43 no. 8:9-11 Ag '66.
- Effectiveness of highly dispersible insecticidal aerosols. S. P. Berdennikova, N. N. Zhirnova, A. A. Kovalevskii. Khim. v sel'. khoz. 4 no. 6: 14-17 Je '66.
- Effectiveness of new insecticides against the colling moth. T. G. Moroz. Khim. v sel'. khoz. 4 no. 6: 21 Je '66.
- Effectiveness of new preparations against coccids. G. A. Babalan. Khim. v sel'. khoz. 4 no. 6: 17-19 Je '66.
- Methylnitrophos, a new promising insecticide. V. I. Vashkov and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:9-11 Ag '66.
- Results of studying fragrant substances as aromatizers for insecticides and repellents. I. G. Kamorzina, G. A. Karpov, K. S. Knazeva. Khim. v sel'. khoz. 4 no. 7:10-21 Ji '66.
- Selecting synergists for organophosphorus insecticides. S. A. Rostavtseva, P. V. Popov, I. A. Mandelbaum. Khim. v sel'. khoz. 4 no. 8:26-27 Ag '66.
- Substitutes for DDT. A. Matviyevskii. Zashch. rast. 11 no. 7:20 '66.
- Winter rearing of insects for biological evaluation of insecticides. A. Z. Zlotin, M. A. Lyumareva. Zool. zhur. 45 no. 7:100-102 '66.
- INSECTICIDES—EFFECT ON SEEDS** see Seeds, Effect of insecticides on

INSECTS—ANATOMY

- Wing muscles of fireflies (Coleoptera, Lampyridae) with different degree of elytron and wing reduction. E. D. Davydova. Zool. zhur. 45 no. 7:1023-1032 '66.

INSECTS—DEVELOPMENT

- Developmental cycle in *Culex pipiens molestus* Forsk. N. A. Tamarina. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:48-56 Mr-Apr '66.
- Some characteristics of sexual cell formation in silk-worm (*Bombyx mori* L.) at various stages of its development. A. V. Bohach. Dop. AN URSSR no. 7:961-964 '66.

INSECTS—EMBRYOLOGY see Embryology—Insects

INSECTS, INJURIOUS AND BENEFICIAL

(see also subdivision under Armonia)

- Formation of the complex of entomofauna harmful to laurel. V. S. Dzhasht. Subtrop. kul't. no. 1:114-122 '66.

INSTRUMENT INDUSTRY see subdivision under Lenin-grad

INSTRUMENT MANUFACTURE

- Goncharov, G. I., and S. I. Kutkovskii. [Experience in the unification and standardization of electrodes for resistance welding in instrument manufacture] Opyt unifikatsii i normativizatsii elektrodov dlia kontaktnoi svarki v priborostroenii. Leningrad, 1966. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnoe formoobrazovanie)

INSTRUMENTS—CLASSIFICATION

- Unification of classification and coding systems in machinery and instrument industries. D. M. Malkin, M. V. Orlova. Stand. i kach. 30 no. 3:55-60 Mr '66.

INSTRUMENTS—RELIABILITY

- Nevel'son, M. S. [High-speed reliability tests of precision instruments] Uskorennye ispytaniia tochnykh priborov na nadezhnost'. Leningrad, 1966. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Uluchshenie kachestva, povysheniye nadezhnosti i dolgoletnost' mashin, priborov i drugih promyshlennykh izdelii)

INSULATING MATERIALS

- Heat-insulating gypsum-perlite material. M. Darbinin, E. Saakian. Prom. Arm. 9 no. 5: 26-28 My '66.
- Moscow. Tsentralnyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy promyshlennosti stroitel'nykh materialov. [Technology, properties, and use of stiff heat- and sound-insulating materials made of slag cotton with synthetic binders; a survey] Tekhnologiya, svoystva i primeneniye zhestkikh teploizolyatsionnykh mineralovatykh izdelii na sinteticheskikh svyaznykh shchitkakh; obzor. Moskva, 1965. 64 p. (Tekhnicheskaya informatsiya)

INSULATING PAPER

- Means for raising the quality of electric insulating papers. V. T. Renne, L. M. Gul'taeva. Elektrichestvo no. 7:71-77 Ji '66.

INSULIN SHOCK THERAPY

- Dynamics of the clinical picture of schizophrenia in adolescents under the effect of insulin therapy combined with amnazine. D. S. Ekhanova. Trudy TSU 81: 73-77 '65.

INSURANCE

- Some problems of personal and property insurance. A. Pleshkov. Fin. SSSR 40 no. 8:23-31 Ag '66.

INSURANCE, SOCIAL

- Russia (1923- U.S.S.R.) Laws, statutes, etc. [Social security and pension insurance on collective farms; a collection of the principal documents] Sotsial'noe strakhovanie i pensionnoe obespecheniye v kolhozakh; sbornik zakonodatel'skikh materialov. [Moskva] Profizdat, 1966. 190 p.

INSURANCE AGENTS

- In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 40 no. 7:63-86 Ji '66.

INTEGRAL EQUATIONS

- Analysis of a general nonlinear integral equation with a fixed singularity. T. A. Ebanidze. Trudy Vych. tsentra AN Gruz. SSR 6:3:93-102 '65.
- Calculation of the index of a system of unidimensional singular equations. S. G. Mikhlin. Dokl. AN SSSR 168 no. 6:1248-1250 Je '66.
- Class of singular integral equations with a shift. R. A. Kordadze. Dokl. AN SSSR 168 no. 6:1245-1247 Je '66.
- Equations in convolutions in a half-space. R. L. Shakhmaghan. Mat. sbor. 70 no. 2:266-290 Je '66.
- Generalized Radon-Gunther-Dubrovskii integral equations. D. P. Protasenko. Trudy Vych. tsentra AN Gruz. SSR 6:3:85-92 '65.
- Method for solving Fredholm's integral equations of the second order. S. A. Smolinskii, N. M. Finisher. Izv. vys. uchob. zav.; mat. no. 4:127-133 '66.
- Method for studying nonlinear singular equations. A. I. Guseinov, Kh. Sh. Mukhtarov. Dokl. AN SSSR 168 no. 5:982-985 Je '66.
- One-dimensional singular equations in generalized functions. A. E. Kosulin. Mat. sbor. 70 no. 2:180-197 Je '66.
- Study of a generalized system of singular integral equations in a class of Pogorzelski's functions. V. Zakovskii, G. A. Magomedov. Dokl. AN SSSR 168 no. 5:989-992 Je '66.
- Tricomi, Francesco Giacomo. [Integral equations. Translated from the English] Integral'nye uravneniya. Pod red. I. N. Vekua. Moskva, Izd-vo inostr. lit-ry, 1960. 299 p. (CSI)
- Use of Jacobi polynomials in solving integral equations. G. A. Popov. Izv. vys. uchob. zav.; mat. no. 4:77-85 '66.

INTEGRAL EQUATIONS—BOUNDARY VALUE PROBLEMS

- A class of integral equations with a logarithmic kernel solvable in a condensed form. I. S. Rogozhina. Dokl. AN SSSR 168 no. 7:441-445 Ji '66.

INTEGRALS

- Integral over an ellipsoid and Born's second approximation. L. A. Sakhnovich. Dokl. AN SSSR 168 no. 2: 284-287 Ji '66.
- Krylov, V. I., and L. T. Shul'gina. [Reference book on numerical integration] Spravochnaya kniga po chislennomu integrirvaniyu. Moskva, Nauka, 1966. 370 p.
- Singular integrals and some of their applications. A. G. Dzhvarshvili. Trudy Mat. inst. AN Gruz. SSR 31 pt. 1:71-80 '66.

INTEGRALS, GENERALIZED

- Conjugate functions and Cauchy-type integrals. G. A. Khukhivadze. Trudy Mat. inst. AN Gruz. SSR 31 pt. 1: 5-54 '66.
- Hilbert transformations and Cauchy-type integrals. Trudy Mat. inst. AN Gruz. SSR 31 pt. 1:110-121 '66.
- Inversion formulae for iterated Stieltjes-Kolmogorov integrals. D. P. Protasenko. Trudy Vych. tsentra AN Gruz. SSR 6:3:69-84 '65.

INTEGRATORS

- Increasing the precision of mechanical integration and solution of ordinary differential equations by means of a pulsed link-rack integrator. B. L. Vol'man. Trudy. Ufim. av. inst. no. 2:93-110 '66.

INTELLIGENCE SERVICE

- We shall be vigilant. S. Matsulenko. Agitator no. 8: 55-56 Mr '64.

INTERCHANGEABLE MECHANISMS

- Increasing functional interchangeability of parts. A. K. Kutai. Stand. i kach. 30 no. 3:37-40 Mr '66.

INTEREST (PSYCHOLOGY)

- Curiosity and quest for information. D. E. Borlyne. Vop. psikh. 12 no. 3:54-60 My-Je '66.

INTERNAL COMBUSTION ENGINES

- New internal combustion engine. M. Prigozhala. Tekh. v sel'. khoz. 26 no. 8:83-85 Je '66.

INTERNAL COMBUSTION ENGINES—ABSTRACTS

- [Internal combustion engines] Ref. zhur.: Dvig. vnutr. spor. no. 6 Je '68.

INTERNAL COMBUSTION ENGINES—DESIGN AND CONSTRUCTION

- Improving design and standardizing units of D100-type engines. A. M. Okun', Z. Z. Mats. Tekh. i org. proizv. no. 1:5-7 Ja-F '66.

INTERNAL FIXATION IN FRACTURES

- Biomechanical study of metallic osteosynthesis in epimetaphyseal fractures. A. I. Sappo. Ortop. i travm. i protez. 27:53-60 My '66.

- Primary metal osteosynthesis in open fracture of the humerus and thrombosis of the brachial artery. V. G. Girko. Ortop. i travm. i protez. 27 no. 7:66-69 Ji '66.

INTERNAL FRICTION

- Effect of vibration on internal friction in sands. P. G. Belyshkin. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2: 120-124 '66.

- Low-frequency internal friction in lithium fluoride crystals. N. G. Pollov, D. G. Drianev. Elektron. i ion. prots. v tver. tel. no. 2:35-39 '65.

THE INTERNATIONAL

- International Workingmen's Association. [Documents of the First International] Dokumenty Pervogo Internationala. Moskva, Gos. izd-vo polit. lit-ry, 1961- (ImU)

- Levy, V. [First International and the contemporary international communist movement] I International i suchasnyi mezhdunarodnyi kommunisticheskii rukh. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1964. 68 p. (CaOTU)

INTERNATIONAL AGENCIES

- Shibaeva, E. A. [Specialized agencies of the U.N.; their international aspects] Spetsializirovannyye uchrezhdeniya OON; mezhdunarodnye aspekty. Moskva, IMO, 1966. 110 p.

INTERNATIONAL AGRICULTURAL COOPERATION

- International agricultural organizations. G. Prokhorova. Mir, ekon. i mezhdunar. otn. no. 7:137-140 '66.

INTERNATIONAL AIR TRAFFIC RULES see Air traffic rules, International

INTERNATIONAL ARBITRATION see Arbitration, International

INTERNATIONAL ATOMIC ENERGY AGENCY

- The bright and dark sides in the work of the International Atomic Energy Agency; a letter from Vienna. P. Polomskii. Nov. vrem. 24 no. 38:12-14 S '66.

INTERNATIONAL COOPERATION

- Codification of rules of international law concerning peaceful coexistence. V. Sapozhnikov. Rad. pravo 20 no. 7:90-95 Ji '66.

INTERNATIONAL COURTS

- International court at crossroads. P. Kozhevnikov. Nov. vrem. 24 no. 36:3-5 S '65.

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

- Kavkazskaya ekspeditsiya po programme Mezhdunarodnogo geofizicheskogo goda, 1957- [Materials of the Caucasian Expedition on the Program of the International Geophysical Year, 1957-] Materialy. Khar'kov, Izd-vo Khar'kovskogo univ. Vol. 6. 1965. 120 p.

INTERNATIONAL LAW

- [Collection of international conventions treaties and agreements on fisheries and fishery research] Sbornik mezhdunarodnykh konventsiy, dogovorov i soglasenii, kasayushchikhsya rybolovstva i vyryazhenii, kratkii spravochnik porovodstva-mezhdunarodnika. (Frantsuzskii yazyk). Moskva, IMO, 1966. 464 p.

INTERNATIONAL LAW—CODIFICATION

- Codification of rules of international law concerning peaceful coexistence. V. Sapozhnikov. Rad. pravo 20 no. 7:90-95 Ji '66.

INTERNATIONAL RELATIONS

- The theory of games and international relations. G. Gerasimov. Mir, ekon. i mezhdunar. otn. no. 7:101-108 '66.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONAL RELATIONS—TERMINOLOGY

- Min'lar-Belorchayev, R. K. [4,000 useful words and expressions; a concise guide for the interpreter working in the field of international relations (the French language)] 4000 poleznykh slov i vyrazhenii; kratkii spravochnik porovodstva-mezhdunarodnika. (Frantsuzskii yazyk). Moskva, IMO, 1966. 132 p.

INTERNATIONALISM

- Internationalism is the standard of our life. M. Sychev. Agitator no. 6:8-10 Mr '64.

INTEROCEANIC CANALS see Canals, Interoceanic

INTERPOLATION

- A converging interpolation process. A. N. Shenshev. *Izv. vys. ucheb. zav.; mat.* no. 4:150-152 '66.
Exact interpolation theorem. V. A. Dikarev, V. I. Matshev. *Dokl. AN SSSR* 168 no. 5:986-989 Je '66.

The monotony principle in interpolation theory. D. L. Berman. *Dokl. AN SSSR* 169 no. 3:503-506 Ji '66.

INTERVIEWING (JOURNALISM)

- The correspondent and his interlocutor. N. Taube. *Sov. radio i tel.* 12 no. 10:25-27 O '63.

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES

- Study of the mitotic activity in the epithelium of the small intestine during a prolonged effect of electric current and adrenaline on the body. V. V. Kozlov. *Sbor. nauch. trud. SOGMI* no. 11:244-256 '64.

INTESTINES—INFLAMMATION

- Microflora of the small intestine in chronic enterocolitis. L. M. Ivanova. *Sov. med.* 29 no. 5:17-20 My '66.

INTESTINES—INNERVATION

- Characteristics of effect of caffeine on positive and inhibitory interceptive conditioned reflexes from intestines. K. B. Shapovalova. *Zhur. vys. nerv. delat.* 16 no. 4:620-636 Ji-Ag '66.

Electrophysiological analysis of nerve connections of ileocecal intestine region with sacral region of spinal cord and role of enteric sensory tract. E. G. Dedulua. *Dokl. AN BSSR* 10 no. 7:510-512 Ji '66.

INTESTINES—MICROBIOLOGY

- Dynamics of the changes in the antagonistic activity of intestinal bacteria in patients with dysentery depending on the method of tetracycline introduction. K. V. Klimov and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:116-121 Ji '66.

Microflora of the small intestine in chronic enterocolitis. L. M. Ivanova. *Sov. med.* 29 no. 5:17-20 My '66.

Possibility of disseminating colenteritis pathogens by the drip method. O. S. Grishina. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:144 Ji '66.

INTESTINES—OBSTRUCTIONS

- Current problems of acute intestinal obstruction (errors in diagnosis, surgical tactics). A. P. Uvrikhin. *Sov. med.* 29 no. 7:95-100 Ji '66.

INTRA-ARTERIAL INJECTIONS see Injections, Intra-arterial

INTRAMUSCULAR INJECTIONS see Injections, Intramuscular

INTRAOCULAR PRESSURE

- Effect of darkness load on the state of ophthalmotonus (diurnal examinations) in patients with glaucoma. Report No. 1. E. S. Vainshtein. *Trudy Turk. nauch.-issl. trakh. inst.* 9:135-143 '66.

Results of study of diurnal oscillations of ocular pressure with darkness load in persons with suspected glaucoma. Report No. 2. E. S. Vainshtein. *Trudy Turk. nauch.-issl. trakh. inst.* 9:144-153 '66.

INTRATRACHEAL ANESTHESIA

- Morphological changes in respiratory tract in intratracheal anesthesia. O. I. Bazan. *Ark. pat.* 28 no. 6:26-33 '66.

INVARIANTS

- Invariants of linear representations of group of rotations of plane and their application to qualitative theory of differential equations. K. S. Sibirskii. *Dif. urav.* 2 no. 7:808-818 Ji '66.

INVENTIONS

(see also subdivision under Communist countries)

Borisov, A. L. [Organizations of the All-Union Society of inventors and innovators are fighters for the technological creativity of the masses] *Organizatsii VOIR - bortei za massovoe tekhnicheskoe tvorchestvo*. [Moskva] Profizdat, 1964. 60 p. (Biblioteka profizdatnogo aktivista) (NIC)

Inventor's work and remuneration. V. N. Ovchinnikov. *Vop. izobr.* no. 5:37-38 My '66.

INVENTORIES

- Problems in the establishment of comprehensive norms and the management of stocks of equipment and supplies. V. S. Khrutskaya. *Trudy ENKH* no. 42:69-74 '66.

INVERTASE

Kataeva, A. A., and others. [Methods of preparing the enzyme β -fructofuranosidase and its uses] *Sposoby polucheniya fermenta β -fruktofuranozidazy i ego primeneniya*. Moskva, TsINTIPishcheprom, 1966. 43 p.

INVESTMENTS, AMERICAN

- New trends in dollar migration. V. I. Fedorov. *Az. i Afr.* 10 no. 3:26-28 Ag '66.

IOASAF, Exarch of the Ukraine, Metropolitan of Kiev and Galich, 1903-1966

Exarch Ioasaf, Metropolitan of Kiev and Galich; obituary. Archbishop Alipii, M. Vyshniakov. *Zhur. Mosk. Patr.* no. 8:27-29 '66.

IODINE BROMIDE—THERAPEUTIC USE

- Treatment of trophic ulcers of the leg with iodine bromide water of the Akhtyr' spring. P. M. Zorin. *Sov. med.* 29 no. 5:128-131 My '66.

IODINE CATALYSTS

- Catalytic chlorination of methyl-(phenyl)-chlorosilanes. E. P. Mikheev, B. A. Charskaya. *Plast. massey* no. 8:32-34 '66.

IODINE ISOTOPES—THERAPEUTIC USE

- Morphological changes in the thyroid gland following introduction of radioactive iodine. A. P. Kalinin, V. A. Odinkova, V. V. Talantov. *Ark. pat.* 28 no. 5:3-10 '66.

ION BEAMS

- Two-beam instability in a system of interpenetrating ion beams. M. D. Gabovich, G. S. Kirichenko. *Zhur. eksp. i teor. fiz.* 50 no. 5:1183-1186 My '66.

ION EXCHANGE

- Significance of particle charge values determined by means of swelling ionites. Part 1. E. V. Komarov. *Radiokhim. i at. energ.* 8 no. 3:299-295 '66.

Some complements to the theory of the relative absorption method as exemplified by hexavalent uranium in acetate-nitrate solutions. V. I. Paramonova, V. B. Kolychev. *Radiokhim. i at. energ.* 8 no. 3:304-317 '66.

ION-EXCHANGE RESINS

- Mechanism underlying the sorption of nitrate complexes of nitroso ruthenium on ion-exchange resins. B. P. Nikol'skii, E. E. Il'enko. *Radiokhim. i at. energ.* 8 no. 3:298-304 '66.

Mosbauer effect on ion-exchange resins. V. I. Baranovskii and others. *Radiokhim. i at. energ.* 8 no. 3:365-368 '66.

Radiochemical analysis with the use of ion-exchange resins in mixed and nonaqueous solvents. Part 1: Isolation of ^{144}Ce from mixtures and separation of radioactive isotopes ^{137}Cs , ^{89}Sr , ^{144}Ce and ^{140}Ba on AV-17 anion exchanger in aqueous-organic solutions of nitric acid. K. B. Zaborenko, I. O. Bogatyrev, N. L. Malygina. *Radiokhim. i at. energ.* 8 no. 3:352-357 '66.

ION EXCHANGERS

- Cationic and polyampholytic based on copolymers of N-vinylsuccinimide and divinylbenzene. A. F. Nikolaev, S. G. Bondarenko. *Vysokom. acid.* 8 no. 8:1368-1372 Ag '66.

IONIC SOLUTIONS

- Diffusion of ions and water structure. V. M. Vdovenko, I. U. V. Gurikov, E. K. Legin. *Radiokhim. i at. energ.* 8 no. 3:323-330 '66.

IONIZATION

- Ionization of atoms in a variable electric field. A. M. Perelomov, V. S. Popov, M. V. Tarant'ev. *Zhur. eksp. i teor. fiz.* 50 no. 5:1393-1399 My '66.

Kiselev, N. D. [Using the method of artificial ionization in purifying air from highly dispersed dust] *Ochistka vozdukh. ot vysokodispersnoi pyli metodom iskusstvennoi ionizatsii*. Moskva, Mashinostroenie, 1966. 60 p.

IONIZATION CHAMBERS

- Ionization chamber with all-weather electrodes for measuring thermal neutron fluxes at high levels of the concomitant gamma radiation. A. I. Kukarin, A. I. Khovanovich. *Atom. energ.* 21 no. 1:49-50 Ji '66.

IONOSPHERE

- Ionospheric perturbations determined by large chromospheric flares. R. G. Gachechiladze, G. M. Khocholava. *Nek. vop. issl. elektromagn. pol. Zeml.* no. 1:62-73 '66.

Velocities of the principal ionic-molecular processes in the ionosphere. A. D. Danilov. *Dokl. AN SSSR* 169 no. 2:332-334 Ji '66.

IONOSPHERIC RADIO WAVE PROPAGATION

- Nonlinear distortions of high-power radio waves during their propagation in the ionosphere (experimental study). Part 3. I. M. Vilenkii. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 4:849-858 '66.

IONS

- Experimental study of effective cross sections of disintegration and formation of fast negative ions in atomic collisions. I. S. Dmitriev and others. *Zhur. eksp. i teor. fiz.* 50 no. 6:1252-1259 My '66.

Magnetic induction of ferrites controlled by the introduction of activator ions. D. I. E. Bondarev. *Dokl. AN SSSR* 169 no. 1:81-84 Ji '66.

IONS—MIGRATION AND VELOCITY

- Electric migration of ^{22}Na , ^{42}K , ^{86}Rb , and ^{134}Cs in fused potassium, sodium, and lithium nitrates. V. P. Shvedov, I. A. Ivanov. *Radiokhim. i at. energ.* 8 no. 3:373-376 '66.

Purification of cerium by electron transfer in conjunction with its zone melting. V. M. Amosenko and others. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:678-681 Ap '66.

IOSIF, Saint, Metropolitan of Astrakhan, d. 1611

Markov, A. S. [Truth about Saint Ioasaf] *Pravda o sv. Iosife*. Astrakhan', Nizhne-Volzhskoe kniazstvo Izd-vo, 1965. 45 p.

IOZITE

- First find of hydrothermal iozite. V. S. Kishin, M. A. Kudrina, N. V. Moreeva. *Dokl. AN SSSR* 169 no. 6:1390-1393 Je '66.

IPPOLITOV-IVANOV, MIKHAIL MIKHAILOVICH, 1852-1935

Podzemskaya, L. P. [M. M. Ippolitov-Ivanov and the Georgian musical culture] *M. M. Ippolitov-Ivanov i gruzinskaya muzykal'naya kul'tura*. [Tbilisi, Vostochnaya Vostoka, 1963] 140 p. (MII)

IRAN—FOREIGN RELATIONS—RUSSIA

- Opinions of Iranian parliamentarians on relations with Soviet Union; interview. *Nov. vrem.* 24 no. 3:22-23 '66.

IRAN—HISTORY

Enol's'kiy, Z. A. [History of some eastern countries: India, Iran, Turkey, 1870-1918] *Istorika krain srazh. blizhnogo skhodu*; India, Iran, Turkechiyna, 1870-1918 [Kyiv] Vyd-vo Kyiv's'koho univ., 1965. 211 p. (NN)

IRAN—LAND TENURE

- Agricultural laws and agrarian reform in Iran. B. P. Kliukin. *Vent. Mosk. un. Ser. 12: Pravo* 31 no. 2:10-21 Mr-Ap '66.

IRANIAN PERIODICALS

- The periodical "Sohab" in 1965. L. P. Smirnova. *Naz. Az. i Afr.* no. 4:222-226 '66.

IRAQ—LAND TENURE

Akhovskii, B. N. [Agrarian problem in modern Iraq] *Agrarnyi vopros v sovremennoy Irake*. Moskva, Nauka, 1966. 174 p.

IRAQI STATESMEN see Statesmen, Iraqi

IRKUTSK—FACTORIES—DESIGN AND CONSTRUCTION

- Experimental model - model - enterprise. P. Neganov. *NTO* 8 no. 6:26 Je '66.

IRKUTSK PROVINCE—HERBICIDES

- On the herbicides. P. A. Popov, H. A. Rozent'kii. *Zemledelie* 28 no. 5:61 My '66.

IRON

- Reaction of iron with selenium at 400-1400°C. A. V. Gorokh, L. M. Kabanova, V. G. Dezhnev. *Dokl. AN SSSR* 169 no. 3:630-640 Ji '66.

IRON—CORROSION

- Iron corrosion in molten alkali metal and calcium chlorides and phosphates. V. P. Kochergin, Z. A. Efremova, T. I. Pominova. *Zashch. met.* 2 no. 3:318-322 Sty-Je '66.

Mechanism of the effect of inhibitors of the acid corrosion of metals. Inhibition of iron corrosion in hydrochloric and sulfuric acid solutions by compounds of the pyridine series. L. I. Antropov. *Zashch. met.* 2 no. 7:278-289 My-Je '66.

IRON—EFFECT ON PLANTS see Plants, Effect of Iron on

IRON—ELECTRIC PROPERTIES

- Changes of full electric resistance during repeated deformation. V. I. Shlapin, V. A. Gladkovskii, N. N. Vasermah. *Fiz. met. i metalloved.* 21 no. 6:755-757 My '66.

IRON—ELECTROMETALLURGY

- Charge-resistance method for producing high-purity iron powder. N. Mamukian. *Prom. Arm.* 9 no. 5:24-31 My '66.

IRON—THERMAL PROPERTIES

- Studying the kinetics of induction heating of porous iron. I. N. Kidin and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:133-137 '66.

IRON AGE see subdivision under Ema Valley

IRON ALLOYS—METALLOGRAPHY

- Kinetics of the graphitization of iron alloys. A. A. Bannov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:147-152 '66.

IRON AND STEEL BUILDING see Building, Iron and Steel

IRON AND STEEL PLANTS see subdivision under Leningrad Province

IRON AND STEEL PLANTS—EQUIPMENT AND SUPPLIES

Sapko, A.I. [Mechanical equipment of electric steel smelting and iron alloy plants] *Mekhanicheskoe oborudovanie elektrostaleplavil'nykh i ferrosplavnykh tashkov*. [Moskva] Metallurgiya, 1966. 220 p.

IRON AND STEEL WORKERS see subdivision under *Chorepovets* (Vologda Province)

IRON CARBONYLS

Interconnection between the electromagnetic and physicochemical properties of powder iron carbonyls. **V.G. Syrkina, I.S. Tolmasekii, A.A. Petrova, Porosh. met.** 6 no.7:36-44 JI '66.

IRON-COBALT ALLOYS—ELECTRIC PROPERTIES

Hall effect in the FeCo alloy. **K.K. Bogdan, Fiz. met. i metalloved.** 21 no.5:795-797 My '66.

IRON COMPOUNDS—PHYSIOLOGICAL EFFECT

Comparative effectiveness of some new iron compounds in raising young pigs. **D.P. Ivanov and others, Vestnik AN BSSR, Ser. sel'skosp. nauk** no.2:123-128 '66.

IRON-COPPER ALLOYS see *Copper-iron alloys*

IRON FOUNDRY

Complex microalloying of cupola furnace malleable cast iron in small-run production. **P.I. Talanov, R.A. Kukhta, Liz. protzv.** no.5:20-32 My '66.

Melting and superheating iron in a gas shaft furnace. **S.E. Bark and others, Lit. protzv.** no.5:22-25 My '66.

Rapid, graphitizing normalization in a fluidized bed of high strength iron castings. **N.I. Syromiatnikov and others, Lit. protzv.** no.5:3-5 My '66.

Superheating of cast iron in gas-fired melting furnaces. **I.U. V. Chaplygin, A.E. Erinov, Liz. protzv.** no.5:40-41 My '66.

IRON FOUNDRY—QUALITY CONTROL

Special attention should be given to the quality of blast furnace foundry pig. **L.I. Gol'denberg, T.L. Gendzakhadze, Liz. protzv.** no.5:40 My '66.

IRON INDUSTRY

Lelikhina, N.D. [Prospects for expanding ferrous metallurgy in central regions of U.S.S.R.] *Perspektivy razvitiia chernoi metallurgii tsentral'nykh rayonov SSSR*. Moskva, Nauka, 1966. 193 p.

IRON INDUSTRY—FINANCE

Certain problems of estimating the efficiency of capital investments in ferrous metallurgy. **D.A. Sobachkin and others, Stal'** 26 no.0:550-552 Je '66.

IRON METABOLISM

Iron metabolism in experimental use of complexons. **O.G. Arkhipova, Biol. eksp. biol. i med.** 62 no.7:56-63 JI '66.

IRON MINES AND MINING

Iron mining and ore dressing industry in the new five-year plan. **S.M. Melnikhin, V.A. Ivanov, Shakht. stroit.** no.7:4-5 JI '66.

IRON-NICKEL ALLOYS—MAGNETIC PROPERTIES

Concentration dependence of the coercive force in Invar-type alloys in the 30-50% nickel range. **S.I. Doroshok, I.F. Khit'kevich, A.M. Tseitlin, Fiz. met. i metalloved.** 21 no.5:788-790 My '66.

IRON-NICKEL ALLOYS—METALLOGRAPHY

Effect of a magnetic field on $\alpha \rightarrow \gamma$ transformations in iron-nickel alloys. **P.A. Malinen, V.D. Sadovskii, Fiz. met. i metalloved.** 21 no.5:787-788 My '66.

IRON-NICKEL-ALUMINUM ALLOYS—METALLOGRAPHY

Nature of phases evolving during the aging of iron-nickel-aluminum mariselite. **V.P. Itkin, D.M. Mogutnov, L.A. Shvartsman, Fiz. met. i metalloved.** 21 no.5:732-739 My '66.

IRON ORES

(see also subdivision under *Buryat A.S.S.R.*; *Greece*; *Maritime Territory*)

Action mechanism of apolar reagent emulsions in iron ore flotation. **P.A. Usachev, V.I. Kinsan, Obog. rud** 11 no.2:22-26 '66.

Beneficiation of oxidized iron ores using the direct reduction and magnetic separation method. **N.A. Chinakal, F.A. Baryshnikov, O.F. Baryshnikov, Fiz. i tekhn. probl. razrab. pol. iskop.** no.3:120-123 '66.

Ore blasomilite, a new variety of high-quality Martin ore in the iron ore deposits of the Krivoy Rog type. **N.A. Kornilov, Dokl. AN SSSR** 168 no.6:1377-1380 Je '66.

Petrochemistry of iron group elements in the facies-formational analysis of complexes of igneous rocks. **I.I. Abramovich, Geol. i geofiz.** no.3:156-161 '66.

Tsyv'lian, B.M. [Story of the iron stone] *Rasskaz o zheleznom kamne*. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 162 p.

IRON ORES—TRANSPORTATION see subdivision under *Krivoy Rog Basin*

IRON-SILICON ALLOYS—MAGNETIC PROPERTIES

Effect of tension on the magnetic properties and the magnetization curves of silicon iron. **V.A. Zalkova, I.A. S. Shar, Fiz. met. i metalloved.** 21 no.5:664-673 My '66.

IRON-SILICON ALLOYS—METALLOGRAPHY

Correlation between textures of deformation and recrystallization during the rolling of a single crystal (110) of transformer steel in various directions. **I.U. S. Avramov and others, Fiz. met. i metalloved.** 21 no.5:740-743 My '66.

IRON-SILICON ALLOYS—TESTING

Determining the surface energy of silicon iron by the neutral drop method. **I.U. S. Avramov, V.M. Semenov, I.A. Levin, Izv. vyz. ucheb. zav. i chern. met.** 9 no.7:129-132 '66.

IRON-TITANIUM ALLOYS

Influence of titanium and ferro-titanium on the resistance of ingot molds. **B.Sh. Sal'man, Stal'** 26 no.6:500-501 Je '66.

IRRIGATION

(see also subdivision under *Ukraine*)

Cultivation practices and sugar beet pests in an irrigated zone. **F. Markov, Zashch. rast.** 11 no.7:11-13 '66.

Extensive development of land improvement for producing large and stable yields of grain and other farm crops; a report to the May Plenum of the Central Committee of the CPSU. **E.E. Alekseevskii, Gidr. i mel.** 18 no.7:20-39 JI '66.

Extensive development of land improvement to ensure high and stable yields of grain and other farm crops; decisions of the May Plenum of the Central Committee of the CPSU. **Gidr. i mel.** 18 no.7:2-5 JI '66.

Hydrometeorological method of calculating the water supply of soils. Irrigation norms, and water consumption rates. **G.V. Talalaevskii, Trudy UkrNIGMI** no.63:12-42 '66.

Increasing effectiveness of utilization of drained and irrigated lands. **E.K. Alatorstev, Zemledelie** 28 no.7:5-8 JI '66.

Land improvement as a basic problem in the ensuring of stable agricultural production in the country; a speech at the Plenum of the Central Committee of the CPSU, May 27, 1966. **L.I. Brezhnev, Gidr. i mel.** 18 no.7:0-19 JI '66.

Methodology for calculating irrigation rates based on meteorological data. **G.V. Talalaevskii, Trudy UkrNIGMI** no.63:96-105 '66.

Use of plastic materials in irrigation and drainage of farmlands abroad; review of foreign literature. **V.N. Gorinaki, Khim. v sel'sk. khoz.** 4 no.7:70-77 JI '66.

IRRIGATION—FINANCE

Shenger, I.U.E., ed. [Problems in financing water management] *Voprosy finansirovaniia vodnogo khoziaistva*. Moskva, Finansy, 1966. 167 p.

IRRIGATION LAWS see subdivision under *Kazakhstan*

IRTYSH RIVER—FLOODS

The problem of the Irtysh floodplain. **O.M. Demina, R.P. Pitsak, Izv. AN Kazakh. SSR, Ser. biol.** 4 no.3:46-52 My-Je '66.

IRTYSH VALLEY—PASTURES AND MEADOWS

The problem of the Irtysh floodplain. **O.M. Demina, R.P. Pitsak, Izv. AN Kazakh. SSR, Ser. biol.** 4 no.3:46-52 My-Je '66.

ISLAM

Islam and social progress. **All Yata, Az. i Afr. seg.** 10 no.8:9-10 Ag '66.
Izimbetov, T. [Islam and our time] *Islam i sovremenost'*. Nukus, Karakalpakskoe gos. izd-vo, 1963. 156 p.

ISLAM AND COMMUNISM see *Communism and Islam*

ISLAM AND POLITICS see subdivision under *Mali*

ISOMERS

Two new short-period isomers: La^{131m} and La^{135m} . **V.T. Gritsina, A.P. Kliucharev, V.V. Remaev, IAd. fiz.** 3 no.6:693-697 Je '66.

ISOMORPHISM (MATHEMATICS)

Automorphism of algebraic groups. **V.P. Platonov, Dokl. AN SSSR** 168 no.6:1257-1260 Je '66.

ISONIAZID

Determination of the inactivation level of isonicotinic acid hydrazide preparations in the body of tuberculosis patients. **L.B. Shefer, Lab. delo.** no.5:298-301 '66.

ISOTOPE EXCHANGE

Holmium isotope exchange in the system $Ho^{3+} - Ho$ (ethylendiaminetetraacetic acid). **I.U. A. Makashev, I.E. Makasheva, V.A. Mel'nikov, Radiokhimiia** 8 no.3:371-373 '66.

Mobility of sulfo groups in aromatic compounds studied by means of the S^{35} exchange method. Part I: Exchange between salts of some sulfonic acids with sodium sulfate and sulfuric acid in aqueous medium. **V.F. Grechenovskii, N.T. Maloeva, Zhur. ob. khim.** 36 no.7:1189-1193 JI '66.

ISOTOPE SEPARATION

Radiochemical analysis with the use of ion-exchange resins in mixed and nonaqueous solvents. Part I: Isolation of ^{134}Ce from mixtures and separation of radioactive isotopes $^{137}Ce - ^{88}Sr - ^{144}Ce$ and $^{140}Ba - ^{140}La$ on AV-17 anion exchanger in aqueous-organic solutions of nitric acid. **K.B. Zaborenko, I.O. Bogulyrev, N.L. Malysina, Radiokhimiia** 8 no.3:352-357 '66.

ISOTOPES

Mercury mass-diffusion column for isotope fraction. **B.I. Nikolaev and others, Atom. energ.** 21 no.1:62 JI '66.

ISOKAZOLINE

Mass spectrometry of 8-nitroisoxazolizidines. **I.U. V. Rozynov and others, Dokl. AN SSSR** 169 no.1:123-125 JI '66.

ISSYKKUL' REGION—TOURISM

Zabirov, R.D., and R.R. Krinitskaya. [Along tourist paths of Issykkul' region] *Po turistskim tropam Pri-issykkul'ia*. Frunze, Mektep, 1964. 70 p.

ITALY—AGRICULTURE—ECONOMIC ASPECTS

Victims of the "Green plan." **V. Kravchenko, Mir, ekon. i mezhdunar. otn.** no.7:11-18 '66.

ITALY—CORRUPTION (IN POLITICS)

"Escalation of corruption." **K. Tereshchenko, Rad. pravo** 28 no.8:63-66 Ag '66.

ITALY—HISTORIOGRAPHY

Konferentsia sovetskikh i ital'ianskikh istorikov po problemam istoriografii, 1st, Moscow, 1964. [Problems in Soviet and Italian Historiographies; materials of the Conference of Soviet and Italian Historians on the Problems of Historiography] *Problemy sovetskoi-ital'ianskoi istoriografii; materialy*. Moskva, Nauka, 1966. 402 p.

ITALY—MARITIME LAW

Some problems of maritime law in the decisions of Italian courts. **Sbor. mat. TSNIMF** no.158, Mor. pravo i prak. no.31:58-62 '66.

ITALY—SOCIALIST PARTIES

Unity or division? **V. Kuprihanov, Nov, vrem.** 24 no.37:7-10 S '66.

IVANO-FRANKOVSK PROVINCE—CRIME PREVENTION

Organizing the struggle against the criminal offenses in populated places. **F. Ruseyn, O. Martyn, Rad. pravo** 29 no.2:45-48 F '66.

IVANOV O—HOUSING MANAGEMENT—ACCOUNTING

Centralization of accounting in housing management. **A. Polonskii, Z. Bank, Bukhg. uchët.** no.6:35-37 Je '66.

IZHEVSK—NAVAL EDUCATION

A "maritime" city, although far from the waters... **Dm. Kazantsev, Voen. znani.** 42 no.7:44-45 JI '66.

JANÁČEK, LEOS, 1854-1928

Jandček and Russian music. **L. Poliskova, Sov. muz.** 30 no.5:130-135 My '66.

JAPAN—PHILOSOPHY

In search of happiness. **I.U. D. Kozlovskii, Vop. filos.** 20 no.7:160-163 '66.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA

Meetings in Khabarovsk. **G. Zhulikov, Nov, vrem.** 24 no.36:23-24 S '66.

JAPAN—RELIGION

Religion in Japanese life. **S. Arutunov, G. Komrovskii, Az. i Afr. seg.** 10 no.8:47-50 Ag '66.

JAPAN SEA—VOLCANOES

Submarine volcanism of the Sea of Japan. **V.I. Chelnikov, M.A. Repchka, Dokl. AN SSSR** 168 no.5:1141-1144 Je '66.

JAUNDICE

Diagnosis of mechanical jaundice in preoperative period. **A.V. Smirnov, L.P. Volkova, Khirurgia** 42 no.6:116-121 Je '66.

Evaluation of the postictic period of infectious and parenteral hepatitis. **S.N. Sorinson and others, Sov. med.** 29 no.5:73-78 My '66.

JEALOUSY

Delirious jealousy ideas in elderly persons and their evaluation in forensic psychiatry. **V.N. Ponomarenko, Prax. sudebnopsikh. ekspart.** no.11:32-30 '66.

Paranoic jealousy syndrome in a psychopathic personality. **Z.G. Turova, Prax. sudebnopsikh. ekspart.** no.11:77-83 '66.

JET BORING

Studying stresses in rock blocks produced by heating their surface with commercial frequency currents. V.V. Sup-tesha. *Fiz.-tekh. probl. razrab. pol. iskop.* no. 3:48-55 '66.

JET BORING—EFFICIENCY

Main trends in increasing the efficiency of blasthole jet piercing at the Southern Mining and Ore Dressing Combine. I.F. Oksanich, V.I. Doroshenko. *Vzryv. delo* no. 58/15:88-101 '66.

JETS—FLUID DYNAMICS

Calculating the axis of a jet in a drifting flow. G.S. Shandorov. *Izv. vys. ucheb. zav. i av. tekhn.* 9 no. 2: 100-104 '66.

Deformation of the axes of plane-parallel jets during their simultaneous ejection. B.G. Khudenko. *Izv. vys. ucheb. zav. i av. tekhn.* 9 no. 2:90-99 '66.

Diffusion parameters of a turbulent jet. N.A. Zamiatina, A.G. Prudnikov, V.N. Sagalovich. *Izv. vys. ucheb. zav. i av. tekhn.* 9 no. 2:59-67 '66.

Mixing of gas jets along a wall. L.A. Zhukova, I.S. Makarov, B.G. Khudenko. *Izv. vys. ucheb. zav. i av. tekhn.* 9 no. 2:137-142 '66.

System of plane turbulent jets in a chamber. I.S. Makarov, B.G. Khudenko. *Inzh. fiz. zhur.* 10 no. 6: 707-711 '66.

JIGS AND FIXTURES

Universally readjusting jig for drilling holes in flanges. I.A. V. Schneider. *Tekhn. i org. proizv.* no. 1:33-34 Ja-F '66.

JOACHIM, JOSEPH, 1831-1907

Bretsburg, Ju. A. [Joseph Joachim - pedagogue and performer] *Tofel Joachim - pedagog i ispolnitel*. Moskva, Muzyka, 1966. 114 p. (V pomoshch' pedagogmuzykantu)

JOINERY

Davidenko, V.K. [Designing woodwork and furniture] *Konstruirovaniye stolarnno-mebel'nykh izdelii*. Moskva, Lesnaya promyshlennost', 1966. 249 p.

JOINTS

Marginal joint surface for articulation and its significance in evaluating degree of joint articulation. V.I. Tablin. *Dop. AN URSR* no. 7:947-950 '66.

JOINTS (ENGINEERING)

Distribution of circumferential stresses between splines in a splined joint. S.I. Kulikov. *Trudy. Ufim. av. inst.* no. 2:63-73 '66.

Ivanskii, G.B. [Mechanical sealing of joints of precast reinforced concrete elements using mortars and concrete mixes] *Mekhanizirovannaya zadalka stvok sbornyykh zhelezobetonnykh konstruktsii rasvorom i betonnoi smes'yu*. Moskva, Stroizdat, 1965. 38 p.

Sealing joints of castings run in sections. N.A. Zhdovtsev, K.M. Gil'man. *Neft. i gaz. prom.* no. 2:20-22 Mr-Ap '66.

JOINTS (ENGINEERING)—TESTING

Peculiarities of automatic welding in carbon dioxide with a composite electrode. A.I. Akulov, V.V. Spitsyn, G.G. Chernyshov. *Svar. proizv.* no. 6:31-33 Je '66.

Resistance to corrosion of weld joints of stainless steel in certain corrosive media. V.A. Maslov, V.T. German. *Svar. proizv.* no. 6:37-39 Je '66.

JOINTS (GEOLOGY) see subdivision under Carpathian Mountain region; Caucasus; Ural Mountain region

JOLIOT-CURIE, FREDERIC, 1869-1906

Shaskol'skaya, M.P. [Joliot-Curie] *Zhizn' i tvor.* Moskva, Molodaya gvardiya, 1966. 206 p. (Znizhen' zamechatel'nykh iludel. Seriya biografii, no. 1(281))

JOURNALISM

For a scientific approach to the problems of journalism. I.A. N. Zaslavskii. *Vest. Mosk. un. Ser. II: Zhur.* 21 no. 1:3-6 Ja-F '66.

Gone but not forgotten. A.I.A. Voinitskaya-Khvozenko. *Vest. Mosk. un. Ser. II: Zhur.* 21 no. 1:79-81 Ja-F '66.

JOURNALISM—AUDITING AND INSPECTION

Radio and people's control. K. Voevodina. *Sov. radio i tel.* 12 no. 10:12-13 O '66.

JOURNALISM—LANGUAGE

From observations on the use, in the language of the press, of verb-noun combinations (of the "vesti rabotu" type). N.I. Formanovskaya. *Vest. Mosk. un. Ser. II: Zhur.* 21 no. 1:75-78 Ja-F '66.

Notes on contemporary word usage; the meaning and use of the word "avor." L.I. Rakhmanova. *Vest. Mosk. un. Ser. II: Zhur.* 21 no. 1:70-74 Ja-F '66.

JUDGES

Further improvement of court work. V. Terebilov. *Sots. zakon.* no. 5:23-27 My '66.

Give constant attention to the on-the-job training of young judges. O. Horodnia. *Rad. pravo* 29 no. 8:70-71 Ag '66.

JUDICIAL PROCESS

[People's assessors; a textbook for students of the people's assessors' faculties in popular universities] *Narodnye zasedateli; uchebnoe posobie dlia slushatelei narodnykh universitetov fakul'tetov narodnykh zasedatelei*. Moskva, Znaniye, 1966. 156 p. (Narodnyi universitet; Fakul'tet pravovykh nauk, nos. 5/6)

Role of people's assessors in Soviet courts. O. Pavshukova. *Rad. pravo* 29 no. 8:17-11 Ag '66.

JUMPING PLANT LICE see subdivision under Georgia

JUNCTION TRANSISTORS

Agakharlan, T.M. [Electronic circuits and nonlinear pulse amplifiers] *Elektronnye kluch i nelineinye impul'snye usiliteli*. Moskva, Sovetskoe radio, 1966. 356 p.

Dependence on pressure of a semiconductor junction in zinc. N.B. Brandt, N.I. Ginzburg. *Zhur. eksp. i teor. fiz.* 50 no. 5:1260-1264 My '66.

JURISDICTION see subdivision under Odessa Province

JUSTICE, ADMINISTRATION OF (see also subdivision under Ukraine)

Let us rationalize the integration of trial practice. K. Skvortsov, I. Shraha. *Rad. pravo* 29 no. 2:33-35 F '66.

Soviet public struggles against the violation of laws. I. Vasnet'skiy. *Rad. pravo* 29 no. 2:26-28 F '66.

JUSTICES' CLERKS see Clerks of court

JUSTINUS MARTYR, Saint

Saint Justinus Martyr the Sage (to be continued). N. Ivanov. *Zhur. Mosk. Patr.* no. 6:60-70 '66.

JUVENILE COURTS see subdivision under Ukraine

JUVENILE DELINQUENCY

(see also subdivision under Moscow; Ukraine) Criminalological characteristics of sex delinquency of juveniles and its prevention. V. Ikhontov. *Rad. pravo* 20 no. 7:80-82 Ji '66.

More about the article "Who is to blame?" M. Suvorov. *Ner. obr.* no. 8:82-85 Ag '66.

Moscow. Vsesoyuznyi institut po izucheniyu prichin i razrabotke mer preduprezhdeniya prestupnosti. [Soviet criminology] *Sovetskaya kriminologiya*. Moskva, Iuridicheskaya literatura, 1966. 310 p.

KABARDIAN LITERATURE—BIBLIOGRAPHY

Kabardino-Balkar ASSR. Ministratvo kul'tury. Respublikanskaya biblioteka. [Writers of Kabardino-Balkaria; bibliographic index] *Planirovi Kabardino-Balkarii; bibliograficheskiy ukazatel'*. Red. A.S. Shumakhova. Na'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 134 p. (NNC)

KABARDINO-BALKAR A.S.S.R.—CIVILIZATION

Kumykov, T. Kh. [Economic and cultural development of Kabardia and Balkaria in the 19th century] *Ekonomicheskoe i kul'turnoe razvitiye Kabardii i Balkarii v XIX veke*. Na'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 418 p. fold. maps. (NIC)

KABARDINO-BALKAR A.S.S.R.—ECONOMIC CONDITIONS

Kumykov, T. Kh. [Economic and cultural development of Kabardia and Balkaria in the 19th century] *Ekonomicheskoe i kul'turnoe razvitiye Kabardii i Balkarii v XIX veke*. Na'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 418 p. fold. maps. (NIC)

KABARDINO-BALKAR A.S.S.R.—TRADE UNIONS

Mishkov, N.F. [Trade unions of Kabardino-Balkaria in the struggle for the seven-year plan] *Profsoyuzy Kabardino-Balkarii v bor'bu za semiletku*. Pod red. Kh. G. Berketova. Na'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1965. 178 p. (CSH-H)

KAGUL (MOLDAVIA)—HISTORY

Travushkin, V. Kagul. Kishinev, Kartia moldovenaska, 1966. 60 p. illus.

KALA OIL FIELD—PETROLEUM GEOLOGY

Evaluating the petroleum potential of clay reservoirs in the Kala field. S.L. Patsevich, B.M. Makhmudova. *Izv. vys. ucheb. zav. i av. tekhn.* 9 no. 3:11-13 '66.

KALACHINSK (OMSK PROVINCE)—RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES

Personal example. B. Shilerman. *Sov. potrebn. koop.* 10 no. 6:26-27 Je '66.

KALININ, ANATOLII

Dalida, N.F. [Roots which don't die; on the work of Anatoli Kalinin] *Korni, kotorye ne umirali; o tvorchestve Anatolia Kalinina*. [Moskva] Moskovskii rabochii, 1965. 194 p. (Neu)

KALININ—EXCAVATING MACHINERY INDUSTRY—FINANCE

Credit under the conditions of the economic reform. E. Trachet. *Dop. i kresl.* 24 no. 7:53-55 Ji '66.

KALININGRAD PROVINCE—TECHNICAL LIBRARIES

They are united in their efforts to help libraries. L.V. Usana. *Tekhn. bibliot. SSSR* no. 7:17-19 '66.

KALMYK A.S.S.R.—HISTORY

Some problems in the prerevolutionary history of the Kalmyk A.S.S.R. M. I. Klechkov, P. S. Pechenkin. *skia, lat. SSSR* 10 no. 3:225-227 My-Ju '66.

KALMYK A.S.S.R.—REVOLUTION, 1917-1921

Malorov, B.G. [Great change] *Volkna poromena*. [Eliba, Kalmytskoe knizhnoe izd-vo, 1965] 87 p.

KALUGA PROVINCE—RURAL LIBRARIES

Prompted by life. IU. Stollarov. *Bibliotekar'* 43 no. 6:43-44 Ag '66.

KAMA RIVER—SHIPPING

Development of the shipping of petroleum products in the Volga-Kama basin. R. Zharipov and others. *Rech. transp.* 25 no. 7:4-5 '66.

In the Board of the Ministry of the River Fleet. *Rech. transp.* 25 no. 7:53 '66.

KAMA VALLEY—ALLIED INTERVENTION, 1918-1920... PERSONAL NARRATIVES

River men fighting the Kolchak troops. A. Dautichev. *Rech. transp.* 25 no. 7:39 '66.

KANSK-ACHINSK BASIN—COAL GEOLOGY

Geological correlation of the Jurassic cross sections in the Kansk-Achinsk Basin. I. I. Zatkova. *Geol. i geofiz.* no. 3:133-137 '66.

KANSK-ACHINSK BASIN—GEOCHEMISTRY

Geological correlation of the Jurassic cross sections in the Kansk-Achinsk Basin. I. I. Zatkova. *Geol. i geofiz.* no. 3:132-137 '66.

KANSK BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Selecting the parameters of super-powerful mechanical shovels. P. M. Alabuzhev and others. *Fiz.-tekh. probl. razrab. pol. iskop.* no. 2:91-97 '66.

KANT, IMMANUEL, 1724-1804

Anthropological principle in Kant's philosophy. V. N. Bezverkhiy. *Vest. LGU* 21 no. 1:132-134 '66.

KARA-KALPAK A.S.S.R.—ORTHOPTERA

Species of Orthoptera of Kara-Kalpakia and some characteristics of their ecological distribution. M. V. Stepanov. *Zool. zhur.* 45 no. 3:1017-1023 '66.

KARA KUM—FORAMINIFERA, FOSSIL

Stratigraphic significance of Oligocene and Lower Miocene Foraminifera in the Aral Sea region (Kara Kum). V. A. Ivanova. *Ist. MOP, Old. geol.* 41 no. 2: 143-144 Mr-Ap '66.

KARA KUM—GAS, NATURAL—GEOLOGY

Hydrovolcanic phenomena in the Zangli-Daryn region and their effect on the conservation of gas pools. A. G. Bliskavka, P. P. Ivanchuk, I. M. Kubanov. *Netegaz. geol. i geofiz.* no. 6:114-118 '66.

KARAGANDA BASIN—COAL—GRADING

Basics for the classification of Karaganda coals according to indices of their resistance to breaking. P. E. Agabekov and others. *Fiz.-tekh. probl. razrab. pol. iskop.* no. 2: 35-40 '66.

KARAGANDA BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Stationary multicellular metallic forms for making reinforced concrete mine ties. V. G. Mikhalov. *Svar. stroit.* no. 7:28 Ji '66.

KARAGANDA BASIN—MINE GASES

Proobrazhenskaya, E. I., and others. [Design, installation, and operation of gas draining-out areas; a practical manual] *Proektirovaniye, montazh i ekspluatatsiya degazatsionnykh uchastkov; prakticheskoe posobie*. Pod red. G. E. Ivanchenko. Moskva, Nedra, 1966. 127 p.

KARAGANDA PROVINCE—COOPERATIVE SOCIETIES—EMPLOYEES

Compensation for material damages. B. Anberli. *Sov. potrebn. koop.* 10 no. 8:20-21 Je '66.

KARAGANDA PROVINCE—FOOD INDUSTRY—HYGIENE ASPECTS

Phage types of pathogenic staphylococci isolated from workers of some food enterprises in Karaganda and Balkhash. Z. A. Lobova. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:130 Ji '66.

KARAMAZAR MOUNTAINS—ORE DEPOSITS

Mesozoic complex metal mineralization in the Karamazar deposit. T. M. Katsuba and others. Dokl. AN SSSR 196 no. 2:406-410 JI '66.

KARASIK, LEV IRYKHOROVICH, 1900-1966

Lev Irykhorovich Karasik; an obituary. Farmatsev. zhur. 20(1.c.21) no. 4:96 '66.

KARATAL VALLEY—LICORICE

Licorice resources in the lower Karatal Valley. E. B. Khudalbergenov. Trudy Inst. bot. AN Kazakh. SSR 22:73-85 '66.

KARATAU—CEPHALOPODA, FOSSIL

Stratigraphic distribution of Cambrian and Ordovician Cephalopoda in the Lesser Karatau. V. D. Malinovsky. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 6: 28-35 Je '66.

KARATAU—GEOLOGY, STRATIGRAPHIC

More about the Mesozoic and Tertiary sediments of the Karatau in southern Kazakhstan. V. A. Bykatorov and others. Blul. MOIP, Otd. geol. 41 no. 2: 76-83 Mr-Apr '66.

KARATAU—PALEONTOLOGY, STRATIGRAPHIC

Biostratigraphy of the Tandy series of the Lesser Karatau. K. A. Liseigor. Dokl. AN SSSR 169 no. 1:184-187 JI '66.

KARCHIKIAN, STEPAN IVANOVICH, d. 1965

Stepan Ivanovich Karchikian obituary. Zhur. navr. i psikh. 86 no. 8:1291 '66.

KARELIA—FRESHWATER FLORA

Higher water vegetation of some reservoirs in southern Karelia, as revealed by study in Pertozero Channel of Pertozero region. T. G. Abramova. Vest. LGU 21 no. 12:61-72 '66.

KARELIA—GRANITE

Selective fusion and mobilization of granites in south-western Karelia. S. B. Lobach-Zhuchenko, V. P. Cherkashev. Dokl. AN SSSR 169 no. 1:208-211 JI '66.

KARELIA—PETROLOGY

Selective fusion and mobilization of granites in south-western Karelia. S. B. Lobach-Zhuchenko, V. P. Cherkashev. Dokl. AN SSSR 169 no. 1:208-211 JI '66.

KARMADON (NORTH OSSETIA)—MINERAL WATERS

Effect of Karmadon mineral water on the healing of experimental gastric ulcer. I. Kh. Gubanov. Sbor. nauch. trud. SOGMI no. 11:41-46 '64.

KARYOKINESIS

Diurnal mitosis rhythms in forestomach carcinoma, lymphatic sarcoma and sarcoma 180 in mice with disturbed hormonal balance of the organism. S. M. Kolomina. Vest. Mosk. un. Ser. 6: Biol., pechv. 21 no. 2:16-22 Mr-Apr '66.

Duration of the mitotic cycle during the period of synchronous segmentation divisions (T_0) and its relationship to the temperature of larch embryos. G. M. Ignat'eva, A. A. Kostomarov. Dokl. AN SSSR 168 no. 6:1221-1224 Je '66.

Karyotype mutations and aging. I. U. S. Bocharov, G. A. Vilkina. Genetika no. 4:45-50 Ap '66.

Mitogenic radiation of a partially differentiated heart muscle. A. A. Gurvich, V. F. Eremin, Z. I. Sobleva. Blul. eksp. biol. i med. 92 no. 7:55-59 JI '66.

Mitotic activity rhythm in the regenerating liver of mice. N. A. Milutina, S. A. Bolotakata, G. G. Revich. Dokl. AN SSSR 169 no. 2:453-455 JI '66.

Radical activity and mutability characteristics of the fibroblasts of embryonic tissues in mice, irradiated at different phases of the mitotic cycle. I. U. A. Mitrofanov. Genetika no. 4:31-37 Ap '66.

Some physiological mechanisms of the diurnal cycles of the intensity of reproduction of the epithelial cells of various organs. V. V. Kozlov. Sbor. nauch. trud. SOGMI no. 11:257-260 '64.

Study of the mitotic activity in the epithelium of the small intestine during a prolonged effect of electric current and adrenaline on the body. V. V. Kozlov. Sbor. nauch. trud. SOGMI no. 11:249-255 '64.

KAUAS—TAX COLLECTION

We have no arrears. V. Melunas. Fin. SSSR 40 no. 8: 70 Ag '66.

KAZAKH LANGUAGE

Akademika nauk Kazakhskoi SSR, Alma-Ata. Institut jazykoznanija. [Investigations in history of Kazakh language] Issledovanie po istorii kazakhskogo jazyka. Alma-Ata, Nauka, 1965. 253 p. (INU)

KAZAKHISTAN—AGRICULTURE

Optimization of the distribution of agricultural production and mineral fertilizers by regions. M. B. Kenzheguzin. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7: 84-90 JI '66.

KAZAKHISTAN—BANKS AND BANKING

Important for business. E. Polovnikov. Den. i kred. 24 no. 7:62-63 JI '66.

KAZAKHISTAN—BIOLOGICAL RESEARCH

Summary of the scientific activity of the institutions of the Department of Biological Sciences in 1965 and future objectives of the research. A. D. Dzhangaliev. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:3-12 My-Je '66.

KAZAKHISTAN—BIRCH

Growth and productivity of pine and birch stands under various growing conditions on quartz-schist hills of the Kokchetav-Munchaktinsky Penoplain and their economic evaluation. V. N. Biriukov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:67-72 JI '66.

KAZAKHISTAN—BOTANY, MEDICAL

Flavonoid and vitamin P content in some wild representatives of the flora of Kazakhstan. L. S. Aliukina, R. M. Kunaeva, L. K. Klyshev. Trudy Inst. bot. AN Kazakh. SSR 22:128-138 '66.

Qualitative study of some plants of Kazakhstan with regard to their flavonoid content. V. P. Mikhailova, O. U. Lushpa. Trudy Inst. bot. AN Kazakh. SSR 22:139-152 '66.

KAZAKHISTAN—COAL GEOLOGY

Bogdanova, M. V. [Chemical characteristics and genesis of brown coals of Kazakhstan] Khimicheskie osobennosti i genezis brykh ugol Kazakhstana. Moskva, Nauka, 1966. 164 p.

KAZAKHISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Full of spirit. N. Deriabina. Part. zhizn' no. 17:52-56 S '66.

KAZAKHISTAN—CONSTRUCTION INDUSTRY

Some problems of the comprehensive supply of materials and equipment in construction organizations. K. Sagadiev. Trudy INKH no. 42:20-33 '66.

KAZAKHISTAN—DELPHINIUM

Delphinium elatum in the Kazakhstani area of the Altai. N. U. Dzhekipova. Trudy Inst. bot. AN Kazakh. SSR 22:117-127 '66.

KAZAKHISTAN—DODDER

Phytotoxic effect of vagadex on onions and dodder. P. N. Glazkov. Khim. v sel'khoz. 4 no. 7:32-33 JI '66.

KAZAKHISTAN—DRAINAGE

Desalinization effect of the open horizontal drainage. N. S. Gorlunov, L. F. Pestov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:54-59 JI '66.

KAZAKHISTAN—EPHEDRA

Distribution, resources, and organization of the procurement of Ephedra equisetina stock in the U.S.S.R. I. A. Gubanov, G. S. Smirnov. Trudy Inst. bot. AN Kazakh. SSR 22:3-20 '66.

KAZAKHISTAN—FOXES

Practical significance of the fox in Kazakhstan. A. A. Lazarev. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:62-69 My-Je '66.

KAZAKHISTAN—FUR FARMING

In the land of the barchan sands. M. Morozov. Sov. potrebn. koop. 10 no. 9:23-24 Je '66.

KAZAKHISTAN—GEOLOGY

Structure of the latitudinal branch of the Devonian marginal volcanic belt in central Kazakhstan. N. P. Chetvertkova. Blul. MOIP, Otd. geol. 41 no. 2: 24-40 Mr-Apr '66.

KAZAKHISTAN—GEOLOGY, STRUCTURAL

Bokhtinsk granitoid massif in central Kazakhstan; geology and the history of the formation. I. L. Dorokhov, R. N. Sobolev, V. G. Tykhtomirov. Blul. MOIP, Otd. geol. 41 no. 2: 133-134 Mr-Apr '66.

Dependence of the morphology of pegmatites on the tectonics of the Bayanaul intrusive. G. S. Katkovskii. Trudy VNIIP [MS] 7:141-153 '62.

KAZAKHISTAN—IRRIGATION LAWS

Balsalov, S. B. [Irrigation law of the Kazakh S.S.R.; some theoretical and practical problems] Vodnoe pravo Kazakhskoi SSR; nekotorye problemy teorii i praktiki. Alma-Ata, Nauka, 1956. 397 p.

KAZAKHISTAN—LAGOCHILUS

Anatomical study of Lagochilus hirtus Fisch. et Mey. R. G. Medvedeva. Trudy Inst. bot. AN Kazakh. SSR 22:181-192 '66.

KAZAKHISTAN—MAGNETISM, TERRESTRIAL

Magnetic susceptibility as an indicator of conditions governing the formation of rocks. F. S. Moliseenko. Geol. i geofiz. no. 3:89-100 '66.

KAZAKHISTAN—OIL WELL DRILLING

Concerning the effectiveness of the simplification of the design of wells in areas of western Kazakhstan. A. S. Amankulov. Izv. vys. ucheb. zav. i nauch. i gaz 9 no. 3:38-38 '66.

KAZAKHISTAN—ONIONS

Phytotoxic effect of vagadex on onions and dodder. P. N. Glazkov. Khim. v sel'khoz. 4 no. 7:32-33 JI '66.

KAZAKHISTAN—ORE DEPOSITS

Nature of factors controlling the mineralization of the Tortkuduk deposit. V. P. Mezhev. Blul. MOIP, Otd. geol. 41 no. 2: 134-135 Mr-Apr '66.

KAZAKHISTAN—PEGMATITES

Dependence of the morphology of pegmatites on the tectonics of the Bayanaul intrusive. G. S. Katkovskii. Trudy VNIIP [MS] 7:141-153 '62.

Some characteristics in the localization of crystalliferous cavities in pegmatites. A. G. Matyshev. Trudy VNIIP [MS] 7:155-158 '62.

KAZAKHISTAN—PINE

Growth and productivity of pine and birch stands under various growing conditions on quartz-schist hills of the Kokchetav-Munchaktinsky Penoplain and their economic evaluation. V. N. Biriukov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:67-72 JI '66.

KAZAKHISTAN—PINE—DISEASES AND PESTS

How to control pine weevil. I. U. Malozemov. Zashch. rast. 11 no. 7:46 '66.

KAZAKHISTAN—POPLAR

White poplars in Kazakhstan. S. A. Petrov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:63-67 JI '66.

KAZAKHISTAN—POPPY

Cultivation of the opium poppy and its alkaloid content under conditions of irrigation in southeastern Kazakhstan. I. A. Kordakov. Trudy Inst. bot. AN Kazakh. SSR 22:153-170 '66.

KAZAKHISTAN—POTATO SCAB

Isolation of actinomycetes, the causative agents of potato scab. E. A. Daulbaev. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:43-47 My-Je '66.

KAZAKHISTAN—QUARTZ

Characteristics of the distribution of crystalliferous veins in the Dzhezkazgan-Ultau region of the Kazakh S.S.R. I. A. N. Sokolov, S. N. Venediktov. Trudy VNIIP [MS] 2 no. 1:80-94 '58.

Some characteristics in the localization of crystalliferous cavities in pegmatites. A. G. Matyshev. Trudy VNIIP [MS] 7:155-158 '62.

KAZAKHISTAN—REVOLUTION, 1917-1921

Discussing the problems of the history of the October Revolution in Central Asia and Kazakhstan. P. V. Agapov. Ist. SSSR 10 no. 3:217-219 My-Je '66.

KAZAKHISTAN—ROCKS, IGNEOUS

Trend of crystallized differentiation of basic and ultrabasic rocks in Zlotogorsk pluton (northern Kazakhstan). E. V. Sharkov. Vest. LGU 21 no. 12:110-122 '66.

KAZAKHISTAN—SHEEP

Zabrov, U., and S. Alibayev. [Enlarged shepherd brigades] Ukpupimnye chabanskii brigady. Moskva, Kolos, 1955. 87 p. (DNAL)

KAZAKHISTAN—STATE FARMS—FINANCE

Every state farm in Kazakhstan can work profitably. D. Mukashov. Fin. SSSR 40 no. 8:31-36 Ag '66.

KAZAKHISTAN—SUGAR BEETS

Effect of nicotinic acid and its analogs on the yield and sugar content of sugar beets. F. D. Bogdanova and others. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:100-111 JI '66.

KAZAKHISTAN—SUGAR BEETS—DISEASES AND PESTS

Cultivation practices and sugar beet pests in an irrigated zone. F. Markov. Zashch. rast. 11 no. 7:11-13 '66.

KAZAKHISTAN—TOMATOES—DISEASES AND PESTS

Spreading of tobacco virus in tomatoes grown with and without transplantation. M. A. Nikitina. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:26-35 My-Je '66.

KAZAKHISTAN—WATER, UNDERGROUND

Utilization of karst-interstitial waters of closed structures in an arid zone. I. A. Barkalov, M. A. Khordinkainen. Razved. i okh. nedr. 32 no. 3:30-43 '66.

KAZAKHISTAN—WOODY PLANTS

Nikitin, S. A. [Tree and shrub vegetation in the deserts of the U.S.S.R.] Drevennaya i kustarnikovaia rastitel'nost' pustyn' SSSR. Moskva, Nauka, 1966. 263 p.

KAZAN—FORENSIC PSYCHIATRY

First forensic psychiatric expertises in Kazan. I. S. Bolotovskii. Prak. sudenbnopsikh. eksperti. no. 11:106-111 '66.

KAZAN—LIBRARIES AND READERS

Conferences of readers in secondary technical schools. L. P. Golosnitskii. Tekh. bibliot. SSSR no. 7:28-30 '65.

- KAZBEGI DISTRICT—SCARABAEIDAE**
Materials on Scarabaeidae in Kazbegi District. I. A. S. Dzhambazishvili. *Sob. AN Gruz. SSR* 43 no. 1:197-202 J1 '66.
- KAZNOK REGION (TAJIKISTAN)—FLUORSPAR**
Geological structure of the deposits of fluor spar with optical fluorite in the Kaznok region. A. I. Suderkin. *Trudy VNHP [MS]* 2 no. 1:67-68 '58.
- KEDROVSKII, VASILII IVANOVICH, 1865-1937**
V. I. Kedrovskii's life and activity (1865-1937); on the centenary of his birth. A. A. Iushchenko, N. A. Ivanova. *Zhur. mikrobiol., epid. i immun.* 43 no. 7: 150-153 J1 '66.
- KENNEDY, JOHN FITZGERALD, 1917-1963—ASSASSINATION**
New books on John Kennedy's assassination (to be concluded). *Nov. vrem.* 24 no. 38:30-32 S '66.
- KENYA—DESCRIPTION AND TRAVEL**
Shaposhnikova, V. D. [The great safari; a travel diary] *Boi'shoye safari; dnevnik puteshestviya.* [Moskva] Molodala gvardia, 1968. 157 p.
- KERAMZIT**
Samodurov, V. V. *Keramzit.* Moskva, Znanie, 1966. 29 p. (Novos v zhizni, nauke, tekhnike. IV Seriya; Tekhnika, no. 12)
- KERCH PENINSULA—WORLD WAR, 1939-1945**
Defense of a quarry in the settlement of Adzhim-Ushkay. May-October 1942. V. V. Abramov. *Ist. SSSR* 10 no. 3:130-134 My-Je '66.
- KEROSENE**
Removing mercaptan sulfur from kerosene. M. G. Mitrofanov and others. *Nefteper. i neftekhim.* no. 7:13-18 '66.
- KETENE**
Reactions of perfluorodimethylketene with alcohols, amines, and acids. I. U. A. Cheburkov and others. *Izv. AN SSSR, Ser. khim.* no. 7:1265-1267 '66.
- KETONES**
Rate constants of chain propagation and chain termination during oxidation of methyl ethyl ketone as influenced by the polarity of the medium, G. E. Zaikov and others. *Dokl. AN SSSR* 168 no. 5:1096-1099 Je '66.
Splitting off of a hydride ion from organometallic compounds by sterically hindered ketones. S. V. Vite, M. S. Martinkova. *Izv. AN SSSR, Ser. khim.* no. 7:1185-1188 '66.
- KHABAROVSK REGION—MONZONITES**
Genesis of quartz monzonites of Korfovsk granitoid massif. G. M. Levitan. *Sbor. st. po geol. i gidrogeol.* no. 5: 101-108 '65.
- KHANKA DEPRESSION—CLAY**
Changes in properties of lacustrine clays from viewpoint of engineering geology in Khanka Depression depending on age and genesis. L. K. Tsekava. *Sbor. st. po geol. i gidrogeol.* no. 5:108-120 '65.
- KHARAUAKH RANGE—GEOLOGY, STRATIGRAPHIC**
Stratigraphy of the Carboniferous sediments of the northern part of the Kharaulakh Range (lower Lena Valley). G. F. Lungersgauzen, R. V. Solomina. *Dokl. AN SSSR* 168 no. 5:1138-1140 Je '66.
- KHARKOV—LIBRARIES**
Our creative contacts and some problems concerning coordination of scientific studies. N. Kh. Semenenko. *Bibliot. tekh.* no. 24: 185
- KHARKOV PROVINCE—CRIME PREVENTION**
Judicial decisions in civil cases as a possible means of crime prevention. V. Kryvopys'n'kyl. *Rad. pravo* 29 no. 8:26-28 Ag '66.
- KHARKOV PROVINCE—MAMMALS, FOSSIL**
New deposits of Eo-Pleistocene fauna of mammals in Kharkov Province; Boi'shaya Kanyshchakha and Petrovskoye. L. I. Aleksceva. *Biol. Kom. chetv. por.* no. 3:122-127 '66.
- KHARKOV PROVINCE—WHEAT**
[Spring wheat in Kharkov Province] *Iara pshenytsia na Kharkivshchyni.* Kharkiv, Prapor, 1968. 22 p. (DNL)
- KHAZAN, IOSIF BORUKHOVICH, 1902-1966**
Iosif Borukhovich Khazan; an obituary. *Liz. proizv.* no. 5:3 of cover My '66.
- KHIBINY MOUNTAINS—MINERALS**
Influence of medium on floatability of sphene, aegirite, and nepheline with various collectors. A. D. Maslov, T. S. Podchahova. *Obog. rud* 11 no. 2:27-31 '65.
- KHIBINY MOUNTAINS—TUNDRAS**
Materials on the circulation of mineral substances in the brush tundra of the Khibiny Mountains. N. L. Chepurko. *Vest. Mosk. un. Ser. 6: Biol., pochv.* 21 no. 2:116-126 Mr-Apr '66.
- KHIL'CHENKO, ANTON EROFEEVICH, 1893-1966**
A. E. Khil'chenko; an obituary. *Zhur. vys. nerv. deiat.* 16 no. 4:765-766 J1-Ag '66.
- KHIVA (UZBEKISTAN)—ARCHITECTURE**
Bulatova, V. A., and I. L. Nokin. [Architectural monuments of Khiva; guide] *Arkhitekturnye pamyatniki Khivy; putevoditel'.* Tashkent, "Uzbekistan," 1965. 78 p. illus.
- KHLEBNIKOV, VELEMIH, 1895-1922**
The Orient as a subject in V. Khlebnikov's works. I. U. M. Loshechin, V. N. Turbin. *Nar. Az. i Afr.* no. 4:147-160 '66.
- KHLEBODAROVKA (UKRAINE)—SOVIETS**
Work of the committee of a settlement. I. U. Pakhomov. *Rad. pravo* 29 no. 7:30-31 J1 '66.
- KHOLMINOV, ALEXANDER NIKOLAEVICH, 1925-**
A revolutionary and romantic opera. V. Vinogradov. *Sov. muz.* 30 no. 5:44-48 My '66.
- KHOMINSKII, BORIS STEPANOVICH, 1895-**
Boris Stepanovich Khominskii; on his 70th birthday. *Arkh. pat.* 28 no. 5:89-90 '66.
- KHOREZM PROVINCE—COTTON GROWING**
Some characteristics of intensification of cotton growing in Khorezm Province. M. Ischanov. *Vest. LGU* 21 no. 12:83-89 '66.
- KIDNEY BEAN—DEFOLIATION**
Transformations of BEXT-S35 defoliant in cotton and kidney bean leaves. V. A. Kraft, K. S. Bokarov. *Dokl. AN SSSR* 169 no. 3:717-720 J1 '66.
- KIDNEY FUNCTION TESTS**
Some methods to increase the specificity of Rehberg's test. I. U. N. Kasimovskii. *Lab. delo* no. 8:486-488 '66.
- KIDNEY FUNCTION SUPPLY**
On diuresis, blood pressure, and regulation. N. N. Prokina. *Sbor. nauch.* 11:4-13 '64.
- KIDNEY FUNCTION SUPPLY**
Treatment of acute cardiovascular hemorrhagic nephrosonephritis. G. S. med. 29 no. 7:80-84 J1 '66.
Use of stasis in the pathogenesis of the hemorrhagic nephrosonephritis. *Iov. med.* 29 no. 5:24-28 My '66.
- KIEV—MOTION PICTURES IN CRIMINAL INVESTIGATION**
Use of motion-pictures and recording tapes in investigation. A. Tatarukin, L. Plavskii. *Sob. zakon.* no. 3: 17-18 My '66.
- KIEV—TAPE RECORDINGS**
Use of motion-pictures and recording tapes in investigation. A. Tatarukin, L. Plavskii. *Sob. zakon.* no. 3: 17-18 My '66.
- KIEV HYDROELECTRIC POWER STATION**
The Kiev Hydroelectric Power Station. A. I. Hapenshchik and others. *Energ. i elek.* no. 3:36-37 My-Je '66.
- KIEV PROVINCE—BANKS AND BANKING—ACCOUNTING**
Centralization of accounting in the Construction Bank. I. Gol'dfarb, A. Fomin. *Budg. uch. et.* no. 6:32-35 Je '66.
- KIVIT, JAAN, Archbishop of the Evangelical Lutheran Church in Estonia, 1903-**
The 60th birthday of Archbishop Jaan Kivitt. N. Kikka. *Zhur. Mosk. Patr.* no. 6:56-61 '66.
- KINDERGARTEN**
Akademiya pedagogicheskikh nauk RSFSR, Moscow. [Theory and practice of sensory education in kindergarten] *Teoriya i praktika sensornogo vospitaniya v detskom sadu.* Pod red. A. P. Usavoi i N. P. Shkulevskoi. Moskva, Prosveshchenie, 1965. 165 p. (NIC)
Hoteleva, Olga, I. I. Luba Kludova, and I. A. Derzhchikova. [Games in kindergarten. Translated from the Slovak] *Iгры v detskom sadu.* Moskva, Prosveshchenie, 1965. 251 p.
Nechayeva, V. G., and E. I. Korzakova. [Building games in kindergarten] *Stroitel'nye igrы v detskom sadu.* Izd. 2., dop. Moskva, Prosveshchenie, 1965. 138 p.
Sukulina, N. P., ed. [Methodology of teaching drawing, modeling and applied in kindergarten; a textbook for preschool pedagogical institutes] *Metodika obucheniya risovaniyu, lepke i aplikatsii v detskom sadu; uchebnik dlya doskol'snykh pedagogicheskikh uchilishch.* Izd. 4., impr. i dop. Moskva, Prosveshchenie, 1965. 265 p.
- KINDERGARTEN—MUSIC** see subdivision under Music
- KINEMATICS**
Kapranov, V. D. [Laboratory manual for "Theoretical mechanics" course] *Praktikum po kursu "Teoreticheskaya mekhanika."* Moskva, Vses. zaochnyi i distantsionnyi i legkol'nyi pedagogicheskikh uchilishch. Pt. 2. [Kinematics] *Kinematika.* 1965. 207 p.
- KINEMATICS OF MACHINERY** see Machinery, Kinematics of
- KINETIC THEORY OF GASES** see Gases, Kinetic theory of
- KINETICS** see Dynamics
- KINGS AND RULERS (IN RELIGION, FOLKLORE, ETC.)** see subdivision under Armenia
- KIPCHAK (KIPCHAKS)** see Golden Horde
- KIRGHIZISTAN—ARCHIVES**
We face many problems. T. Usabaliyev. *Sov. arkh.* no. 2: 23-25 '66.
- KIRGHIZISTAN—ECONOMIC CONDITIONS**
The 40th anniversary of the Kirghiz S.S.R. and its Communist Party. V. V. Myrtov. *Ukr. ist. zhur.* 19 no. 1: 123-126 Je '66.
- KIRGHIZISTAN—MILITARY EDUCATION**
Since schooltime. M. Turabekova. *Voen. znaniya* 43 no. 8:132-33 Ag '66.
- KIROV PROVINCE—LIBRARIES, CHILDREN'S**
We work together. Z. Lapshina. *Bibliotekar'* 43 no. 8:38-40 Ag '66.
- KIROV PROVINCE—PHOSPHORITES**
Improvement of the methodology of prospecting for nodular phosphorites in the Vyatka-Kama deposit. I. U. S. Tamolkin, V. K. Prigoda. *Razved. i okh. nedr.* 32 no. 3:15-20 '66.
- KIROV PROVINCE—SCHOOL LIBRARIES**
We work together. Z. Lapshina. *Bibliotekar'* 43 no. 8:38-40 Ag '66.
- KIROV PROVINCE—WAGES**
Role of supplementary wages in the development of production at the present-day stage. M. V. Ivanov. *Uch. zap. MOPI* 141:102-110 '64.

- KIROVAKAN—TEXTILE FIBERS, SYNTHETIC—TECHNOLOGICAL INNOVATIONS**
Innovators for production. G. Atroshechenko. Prom. Arm. 9 no.5: 46-48 My '66.
- KIROVOGRAD PROVINCE—BAR ASSOCIATIONS**
Give attention to the quality of defense lawyers's work. M. Faverman. Rad. pravo 29 no.8:40-42 Ag '66.
- KIROVOGRAD PROVINCE—WOMEN AS JUDGES**
Let me tell you about Evgenia Novikova, a people's judge. S. Ivanov. Rad. pravo 29 no.8:75-76 Ag '66.
- KISHINEV—LIBRARIES**
Ganenko, P. T. [History of the Kishinev Public Library, 1836-1917] Istoriia Kishinevskoi publicnoi biblioteki, 1836-1917 gg. Kishinev, Karla moldovenaske, 1966. 112 p.
- KITCHEN UTENSILS** see subdivision under Baku
- KIZILKUM** see Kyzyl Kum
- KLEBANOV, DMITRII L'VOVICH, 1907-**
Seven evenings, seven productions. L. Genina. Sov. muz. 30 no.5:36-43 My '66.
- KLIUCHEVSKII, VASILII OSIPOVICH, 1842-1911**
Kireva, R. A. [V. O. Kluchevskii as historian of Russian historical science] V. O. Kluchevskii kak istorik russkoi istoricheskoi nauki. Moskva, Nauka, 1966. 230 p.
- KNEE**
New data on the intraorganic lymphatic system of the knee joint capsule. M. B. Edneralova, Sbor. nauch. trud. SOGMI no.11:161-165 '64.
- KNEE—SURGERY**
Experience with 60 synovectomies of the knee joint in infectious nonspecific polyarthritis. V. P. Pavlov. Ortop., travm. i protez. 27 no.7:40-50 Ji '66.
- KNOWLEDGE, THEORY OF**
Narskii, I. S. [Urgent problems of the Marxist-Leninist theory of knowledge] Aktual'nye problemy marksistsko-leninskoi teorii poznanii. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. II Seriya; Filo-sofia, no.13)
- KOKCHETAV UPLAND—GEOLOGY, STRUCTURAL**
Tectonics of the western margin of the Kokchetav Up-land (central Kazakhstan). O. V. Minervin, S. A. Nesmetanov. Izv. vys. ucheb. zav. i geol. i razv. 9 no.8: 3-8 Je '66.
- KOLA PENINSULA—ROCKS, CARBONATE**
Akademiia nauk SSSR. Kol'skii filial, Kirovsk. Gorno-metallurgicheskii institut. [Carbonate rocks of the Kola Peninsula as mineral raw materials] Karbonatnye porody Kol'skogo polostrova kak mineral'noe syr'co. Moskva, Nauka, 1966. 87 p.
- KOLAS, IAKUB, pseud.** see Mitkevich, Konstantin Mikhailovich, 1882-1966
- KOLKHIDA LOWLAND—DRAINAGE**
Use of herbicides in land improvement canals in humid subtropics. I. U. LA. Spiridonov. Khim. v sel'. khoz. 4 no.7:33-37 Ji '66.
- KOLKHOZES** see Collective farms
- KOLOMNA—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS**
Work practice of the Kolomna Heavy Machine-Tool Plant party organization in realizing the decisions of the 22d Congress of the CPSU on technological progress. E. F. Petrova. Uch. zap. MOPI 141:240-266 '64.
- KOMI A. S. S. R.—PRINTING INDUSTRY**
Peshkin, P. [Printing industry of Komi A. S. S. R.] Poligraficheskai promyshlennost' Komi ASSR. Syktyvkar, Komi knizhnoe izd-vo, 1963. 28 p.
- KOMI-PERMYAK NATIONAL AREA**
[Komi-Permyak National Area is 40 years old] 40 let Komi-Permyakomu natsional'nomu okrugu. [Kudym-kar] Permskoe knizhnoe izd-vo, 1965. 39 p.
- KOMMUNARSK (LUGANSK PROVINCE)—SOVIETS—FINANCE**
The local soviet and the local economy. K. Nedafodov. Rad. pravo 29 no.7:24-25 Ji '66.
- KOMSOMOLSK-ON-AMUR—STEEL INDUSTRY**
Steel and slag: from diary of organizer of party group. Part. zhizn' no.17:59-64 S '66.
- KONTOROVICH, PETR GRIGOR'EVICH, 1906-**
Petr Grigor'evich Kontorovich: on his 60th birthday. V. K. Ivanov and others. Mat. zap. Ural. mat. ob-va UrGU 5 no.1:3-4 '65.
- KOPTELOV, AFANASII LAZAREVICH, 1903-**
Altai in the works of A. Koptelov. Uch. zap. Gor.-Alt. nauch.-issl. inst. ist., iaz., i lit. no.1:61-81 '66.
- KORCHAGINA, MARIA VASIL'EVNA, 1900-1966**
Maria Vasil'evna Korchagina; obituary. Vest. LGU 21 no.12:133 '66.
- KOREA, NORTH—ECONOMIC CONDITIONS**
Under sun of freedom. Az. i Afr. seg. 10 no.8:5 Ag '66.
- KOTLAS (ARCHANGEL PROVINCE)—LOADING AND UNLOADING**
Work practices of a mixed continuous-production brigade. P. Brokhovskikh. Rech. transp. 25 no.7:52 '66.
- KOUNRADSKIY REGION (KAZAKHSTAN)—PROSPECTING**
Determination of an effective pattern arrangement in the prospecting of the Kounradskiy copper deposit and the principles of the categorization of reserves. M. N. Chekhovich. Razved. i okh. nedr. 32 no.4:24-29 Ap '66.
- KRAPIVNA (TULA PROVINCE)—COOPERATIVE SOCIETIES—MANAGEMENT**
There is minimum loss of goods. T. Klochkov. Sov. potreb. koop. 19 no.6:29-32 Je '66.
- KRASNODAR—SHOOTING CONTESTS**
In every school. L. Rusman. Voen. zhuk. 42 no.7:43 Ji '66.
- KRASNODAR TERRITORY—CITRUS FRUITS**
New methods for protecting citrus fruits from frost in subtropical regions of Krasnodar Territory. I. I. Lav-richuk. Subtrop. kult. no.1:25-30 '66.
- KRASNODAR TERRITORY—EARTH TEMPERATURE**
Temperature anomalies in an oil pool in connection with air injection. B. P. Mikerin. Nefteprom, delo no.7:6-11 '66.
- KRASNODAR TERRITORY—INFECTIOUS ANEMIA**
Epidemic outbreak of swamp fever on a state bast fiber farm in Krasnodar Territory. Z. A. Goldenshtein. Sov. med. 28 no.7:59-60 Ji '66.
- KRASNODAR TERRITORY—OIL WELLS—AIR-GAS LIFT**
Temperature anomalies in an oil pool in connection with air injection. B. P. Mikerin. Nefteprom, delo no.7:8-11 '66.
- KRASNODAR TERRITORY—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES**
Peschany, D. G. [Pages of a great friendship; about the economic and cultural ties of Krasnodar Territory with people's democracy countries] Stranitsy velikoi druž-by; ob ekonomicheskikh i kul'turnykh svyazakh Krasno-darskogo kraia so stranami narodnoi demokratrii. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1964. 85 p. (CSI-II)
- KRASNODAR TERRITORY—STATISTICS**
Krasnodarskiy kray. Statisticheskoe upravlenie. [National economy of Krasnodar Territory; statistical abstract] Narodnoe khoziaistvo Krasnodarskogo kraia; statisti-cheskii sbornik. [2. p. perer. i dop. izd.] Krasnodar, Statistika, 1965. 481 p.
- KRASNOKHOLMSKIY (ALTAI TERRITORY)—TEXTILE FACTORIES—HEATING AND VENTILATION**
Overall utilization of heat emitted by gaseous fuel in the Krasnokholmskiy Worsted-Manufacturing Combine. L. I. Druzhin, F. P. Kaz'min, M. G. Mett. Gaz. prom. 11 no.6:42-45 '66.
- KRASNOVODSK (TURKMENISTAN)—PETROLEUM REFINERIES—HYGIENIC ASPECTS**
Activity of ophthalmological office of Krasnovodsk Petroleum Refinery. V. M. Bolik. Trudy Turk. nauch.-issl. trakh. inst. 9:105-107 '66.
- KRASNOYARSK—ALUMINUM PLANTS—DESIGN AND CONSTRUCTION**
Life in terms of figures. S. Gridin, V. Polymn. Sov. profsoyuz 22 no.14:13-15 Ji '66.
- KRASNOYARSK TERRITORY—AFFORESTATION**
Characteristics of the natural afforestation of the steppe slopes in the "insular" steppes of Central Siberia as ex-emplified by the Kan forest steppe. I. U. M. Maskov. Izv. SO AN SSSR no.4. Ser. biol.-med. nauk no.1:33-38 '66.
- KRASNOYARSK TERRITORY—BOTANY**
[Flora of Krasnoyarsk Territory] Flora krasnolarskogo kraia. Novosibirsk, Nauka, Nos. 3, 9. 1965. 174 p. (i. e., in 1 v.)
- KRASNOYARSK TERRITORY—GRAIN**
In struggle for grain. B. Tolstov. Zer. i masl. kult. 1 no.1:25-26 '66.
- KRASNOYARSK TERRITORY—HUMIC ACID**
Periodicity in the variation of the output of humic acids in the oxidation of dense brown coals of the Kan-Achinsk Basin by air oxygen. T. A. Kukharensko. Dokl. AN SSSR 169 no.3:668-671 Ji '66.
- KRASNOYARSK TERRITORY—LARCH**
Characteristics of carbohydrate metabolism in the an-nual shoots of Siberian larch. A. S. Lantaratova, V. F. Gukhseva. Nauch. dokl. vya. shkoly; biol. nauki 0 no.3: 164-169 '66.
- KRASNOYARSK TERRITORY—LIGNITE**
Periodicity in the variation of the output of humic acids in the oxidation of dense brown coals of the Kan-Achinsk Basin by air oxygen. T. A. Kukharensko. Dokl. AN SSSR 169 no.3:668-671 Ji '66.
- KRASNOYARSK TERRITORY—PROSPECTING—SAFETY MEASURES**
Practice of public inspectors in labor safety on the Tuvin expedition. A. A. Buldakova. Razved. i okh. nedr. 32 no.3:50 '66.
- KRASNOYARSK TERRITORY—STEPPE**
Characteristics of the natural afforestation of the steppe slopes in the "insular" steppes of Central Siberia as exemplified by the Kan forest steppe. I. U. M. Maskov. Izv. SO AN SSSR no.4. Ser. biol.-med. nauk no.1:33-38 '66.
- KRASNOYARSK TERRITORY—TREES**
Protopopova, E. N. [New tree species in Siberia; intro-duction of new species in southern Krasnoyarsk Terri-tory] Novye drevesyne porody Sibiri; introduktsiia no-vykh porod na huge Krasnolarskogo kraia. Moskva, Nauka, 1966. 103 p. (DNAL)
- KRASNOYARSK TERRITORY—TROLLITE**
Trollite in veined ores of the Noril'sk and Talnakh ro-gions. I. A. Bud'ko, E. A. Kulagov. Dokl. AN SSSR 108 no.2:428-429 Ji '66.
- KREMLIN** see Moscow—Kremlin
- KRIVOY ROG—CONSTRUCTION INDUSTRY**
At the building sites of Krivoy Rog. V. Kapustin, L. Bolov. Part. zhizn' no.10:28-33 Ag '66.
- KRIVOY ROG BASIN—BORING MACHINERY**
Main trends in increasing the efficiency of blasthole jet piercing at the Southern Mining and Ore Dressing Combine. I. F. Oksanich, V. I. Doroshenko. Vzyryv. delo no.58/15:88-101 '66.
- KRIVOY ROG BASIN—BORING MACHINERY—TESTING**
Comparative estimate of using various methods in blasthole boring at the Southern Mining and Ore Dressing Combine. I. F. Oksanich, S. Z. Valman, N. M. Tregubov. Vzyryv. delo no.58/15:65-74 '66.
- KRIVOY ROG BASIN—FLOTATION—EQUIPMENT AND SUPPLIES**
Reagent conditions of flotation of tailings from magnetic separation at Central Mineral and Ore Dressing Com-bine. F. N. Belash, O. V. Pugina. Obog. rud II no.2: 26-27 '66.
- KRIVOY ROG BASIN—IRON ORES—TRANSPORTATION**
Reduce expenditures for ore transportation. M. Kamen-shchikov. Plan. khoz. 43 no.8:81-84 Ag '66.
- KRIVOY ROG BASIN—MINE DRAINAGE**
Drainage of Lenin mine shaft of "Leninruda" Trust. G. E. Smirnov, M. K. Zaika, L. G. Drochilov. Shakh. strol. no.7:27-28 Ji '66.
- KRIVOY ROG BASIN—MINING GEOLOGY**
Studying the pressure and displacement of rocks with lowering of the mining level in extended Krivoy Rog de-posits. D. Z. Silash. Fiz.-tekhn. probl. razrab. pol. iskop. no.3:20-26 '66.
- KRYP'IAKEVYCH, IVAN PETROVYCH, 1866—BIBLIOGRAPHY** see Bibliography—Kryp'iakevych, Ivan Petrovych, 1866-
- KUBAN—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR**
Master adjusters in the Kuban. G. Maslov. Tekh. v sel'. khoz. 26 no.6:59-60 Je '66.
- KUBAN VALLEY—NUMISMATICS, ANCIENT**
The circulation of money in an ancient emporium of the Bosporus Kingdom near the present-day village of Elizavetinskaya in the central Kuban Valley. N. V. Anfimov. Vest. drov. ist. no.2:157-165 '66.

- KUMA VALLEY—OIL WELL LOGGING, ELECTRIC**
Determination of the porosity of Middle Jurassic sediments in the Kuma area based on the resistivity of the penetration zone. B.L. Aleksandrov, T.D. Dakhkil'gov. *Neftegaz. geol. i geofiz.* no. 6; 27-30 '66.
- KUNITSYN, ALEKSANDR PETROVICH, 1783-1846**
A. P. Kunitsyn's views on criminal law. I. I. Solodkin. *Vest. LGU* 21 no. 11:122-127 '66.
- KUNTSEVO (MOSCOW PROVINCE)—PINS AND NEEDLES**
Under the new conditions. V. Zhilakov. *Fin. SSSR* 40 no. 8:46-47 Ag '66.
- KURA LOWLAND—GAS, NATURAL—GEOLOGY**
Lithofacies characteristics and nature of changes in thicknesses of Akchagyl stage in Kalamadyn-Kharami-Kyrylykh zone of uplifts. R. I. Babev. *Azerb. neft. khoz.* 45 no. 8:4-6 Ag '66.
- KURA LOWLAND—PETROLEUM GEOLOGY**
Lithofacies characteristics and nature of changes in thicknesses of Akchagyl stage in Kalamadyn-Kharami-Kyrylykh zone of uplifts. R. I. Babev. *Azerb. neft. khoz.* 45 no. 8:4-6 Ag '66.
- KURCHEVSKII, LEONID VASIL'EVICH, d. 1937**
Life of a great man. S. Bogoslovskii. *Izobr. i rats.* no. 6:20-22 Je '66.
- KURDS**
Worshipping the devil. R. Kerim-Zade. *Az. i Afr. seg.* 10 no. 8:20 Ag '66.
- KURGAN PROVINCE—AGRICULTURE**
Neupokoev, N. S. [Strengthening of labor discipline] *Ukreplenie discipliny truda*. [Moskva] Profizdat, 1966, 44 p. (Biblioteka sel'skogo profsoyuznogo aktivista, no. 7(55))
- KURGAN PROVINCE—WINE AND WINE MAKING**
Bottling of barreled wine. P. Bukhtiarov. *Sov. potreb. koop.* 10 no. 6:25 Je '66.
- KURSK—REHABILITATION OF JUVENILE DELINQUENTS**
Application of community measures against juvenile lawbreakers. K. Speranskii. *Sots. zakon.* no. 5:58-59 My '66.
- KURSK MAGNETIC ANOMALY—ENGINEERING GEOLOGY**
Kornitskiy, N. I. [Effect of rock weakness zones and surfaces on the stability of slopes] *Viliannie zon i poverkhnostei ostabilenia v porokakh na ustoiichivost' otkosov*. Moskva, Nauka, 1966, 142 p.
- KURSK MAGNETIC ANOMALY—STRIP MINING**
Hydraulic mining methods as an efficient way of overburden removal in the building of open-pit mines. I. A. Ganchev. *Shakht. strol.* no. 7:6-9 Ji '66.
- KURSK REGION—HISTORY**
Kursk (Province). *Oblastnoi gosudarstvennyi arkhiv*. [From the history of the Kursk region; documents and materials] *Iz istorii Kurskogo kraia; sbornik dokumentov i materialov*. Voronezh, Tsentr.-Chernozemnoe knizhnoe izd-vo, 1965, 406 p.
- KUYBYSHEV—BAPTISTS**
Conference of presbyters and celebration of the 60th anniversary of the Kuybyshev church of the Evangelical Christians and Baptists. S. P. Fadukhina. *Brat. vest.* no. 1:68-80 '66.
- KUYBYSHEV—RUSSIAN SOCIAL DEMOCRATIC PARTY**
A conference of the Samara Bolsheviks in Krasnaya Glinka. R. D. Mizin. *Vop. ist. KPSS* 10 no. 8:114-117 Ag '66.
- KUYBYSHEV PROVINCE—EDUCATION, COOPERATIVE**
Training workshops are the centers of polytechnical education. V. Medvedev. *Nar. obr.* no. 8:58-62 Ag '66.
- KUYBYSHEV PROVINCE—PETROLOGY**
Relation of the micropetrographic composition of the rocks of a crystalline basement to the Upper Pre-Cambrian sediments in the trans-Volga portion of Kuybyshev Province. S. V. Bogdanova. *Dokl. AN SSSR* 198 no. 2:401-404 Ji '66.
- KUYBYSHEV PROVINCE—WHEAT**
Profit is apparent. V. Sladkov, A. Zelenin. *Zer. i masl. kul't.* 1 no. 1:26 '66.
- KUZIN, ALEKSANDR MIKHAILOVICH, 1906-**
Aleksandr Mikhailovich Kuzin; on his 60th birthday. *Radiofizika* 6 no. 4:489-490 '66.
- KUZNETSK ALATAU—GRANITE**
Lower Cambrian gabbro-plagiogranite complex in the northern part of the Kuznetsk Alatau. L. V. Alabin. *Geol. i geofiz.* no. 3:81-89 '66.
- KUZNETSK BASIN—COAL—ANALYSIS**
Change in the indexes of coal quality from various seams of the Kuznetsk Basin in metamorphism. V. F. Dobronravov. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 6; 71-79 Je '66.
- KUZNETSK BASIN—COAL MINES AND MINING**
Deformation of the development workings in zones of residual bearing pressure in thick steep beds. G. I. Gritsko, G. E. Posokhov, V. N. Tsytsarkin. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3:27-30 '66.
- Forecasting sudden outbursts of coal and gas in deep levels of the Kuznetsk Basin. O. I. Chernov. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3:31-34 '66.
- Matushkin, P. G. ["Uralo-Kuzbass"; struggle of the Communist Party for creation of a second metallurgical coal supply center in the U.S.S.R.] *Uralo-Kuzbass; bor'ba Kommunisticheskoi partii za sozdanie vtoroi ugol'no-metallurgicheskoi bazy SSSR*. Chelabinsk. [Uzhuo-Ural'skoe knizhnoe izd-vo] 1966, 423 p.
- KUZNETSK BASIN—LAMELLIBRANCHIATA, FOSSIL**
New genus *Tajlugania* from the Taylugan subseries of the Yernukova series in the Kuznetsk Basin. I. U. S. Papin. *Geol. i geofiz.* no. 3:151-156 '66.
- KUZNETSK BASIN—METAMORPHISM (GEOLOGY)**
Change in the indexes of coal quality from various seams of the Kuznetsk Basin in metamorphism. V. F. Dobronravov. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 6; 71-79 Je '66.
- KUZNETSK BASIN—RECONSTRUCTION**
Kommunisticheskaya partiya Sovetskogo Soyuza. Kemerovskii oblastnoi komitet. *Partinyy arkhiv*. [Kuznetsk Basin during the period of national economic reconstruction, 1920-1926] *Kuzbass v period vosstanovleniya narodnogo khozaystva, 1920-1926 gg.* [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1966, 182 p.
- KUZNETSK BASIN ECONOMIC REGION—TECHNICAL LIBRARIES**
Cataloging and displaying foreign literature in the Central Technical Library of Kuznetsk Basin Economic Region. T. A. Koroleva. *Tekhn. bibliot. SSSR* no. 7:46-48 '66.
- KUZNETSOV, VALERI ALEKSEEVICH, 1906-**
Corresponding Member of the Academy of Sciences of the U.S.S.R. Valerii Alekseevich Kuznetsov; on his 60th birthday. *Geol. i geofiz.* no. 4:167-168 '66.
- KYZYL KUM—MARINE SEDIMENTS**
Senonian marine sediments in the Ural Mountain region and northern Kyzyl Kum. L. G. Kirfukhin, G. G. Kurgalimova. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 6; 155-158 Je '66.
- LABOR, COMPLICATED**
Premature bursting of waters and tactics in the management of labor. S. G. Israfilbeili. *Azerb. med. zhur.* 43 no. 5:58-62 My '66.
- LABOR AND LABORING CLASSES**
(see also subdivision under *Diyak; Mexico (City); Siberia; Ukraine; United States*)
Chochiev, R. I. [Influence of production automation on the nature of workers' labor] *Viliannie avtomatizatsii proizvodstva na kharakter truda rabochikh*. Moskva, Mysl', 1966, 84 p.
- Historical roots of the social and economic distinction between the city and the village. B. V. Arkhipov. *Uch. zap. MOPI* 141:111-120 '64.
- Kasimovskii, E. V., ed. [Problems in the economics of labor] *Problemy ekonomiki truda*. Moskva, Ekonomika, 1965, 309 p. (NIP)
- Kazakevich, R. A., and F. M. Suslova. [Mr. Pipes falsifies history; on R. Pipes' "Social Democracy and the St Petersburg labor movement, 1895-1907"] *Mister Pipes falsifitsiruet istoriyu o knige R. Pipesa "Sotsial'demokratia i rabochee dvizhenie v S.-Peterburge, 1895-1897."* [Leningrad] Lentzdat, 1966, 180 p.
- Overcoming social and economic distinctions between the city and the village during the period of the large-scale building of communism. B. V. Arkhipov. *Uch. zap. MOPI* 141:60-75 '64.
- Postavnoi, V. G. [The international revolutionary movement of the working class; an aid to correspondence students] *Mezhdunarodnoe revoliutsionnoe dvizhenie rabochego klassa; v pomoshch' studentam-zachetnikam*. Dnepropetrovsk, Dnepropetrovskii gos. univ., 1965, 10 p. (CST-II)
- The working class and the reproduction of the means of production. V. Ljubimova. *Mir. ekon. i mezhdunar. otn.* no. 7:67-81 '66.
- LABOR AND LABORING CLASSES—DWELLINGS**
Concentration of means for housing construction. N. N. Semukhin. *Plan. khoz.* 43 no. 8:87-88 Ag '66.
- LABOR CONTRACT**
Revise the theory and practice of adjudication of labor litigations. V. Smolarchuk. *Sots. zakon.* no. 5:33-35 My '66.
- LABOR COURTS**
Revise the theory and practice of adjudication of labor litigations. V. Smolarchuk. *Sots. zakon.* no. 5:33-35 My '66.
- LABOR DISCIPLINE**
Neupokoev, N. S. [Strengthening of labor discipline] *Ukreplenie discipliny truda*. [Moskva] Profizdat, 1966, 44 p. (Biblioteka sel'skogo profsoyuznogo aktivista, no. 7(55))
- Socialist labor discipline. E. I. Evachenko. *Uch. zap. MOPI* 141:21-59 '64.
- LABOR LAWS AND REGULATION**
(see also subdivision under *Czechoslovakia; Ukr. rep. [Decisions of the All-Union Central Council of Trade Unions] Sbor. post. VTSSSR O-D* '65, publ. '65)
- Individual problems in application of wage legislation. I. Bukhrov. *Fin. SSSR* 40 no. 7:84 Ji '66.
- Legal capacity of incorporated business enterprises to be a party in labor relations. N. P. Chernomirchuk. *Izv. vys. ucheb. zav.; prav.* 10 no. 1:42-51 '66.
- Rent period. *Sov. profsoyuz* 22 no. 14:42-44 Ji '64.
- Supervising the observance of labor laws. V. Khoshch. *Rad. pravo* 20 no. 8:37-38 Ag '66.
- LABOR MOTILITY—STATISTICS**
Life in terms of figures. S. Gidlin, V. Polyain. *Sov. profsoyuz* 22 no. 14:13-15 Ji '66.
- LABOR PARTY (GREAT BRITAIN)** see *Great Britain—Labor Party*
- LABOR PASSPORTS**
Answers to readers' questions about entries in labor passports. *Prin. Arm.* 9 no. 5; 74-76 My '66.
- Labor passport. *Agitator* no. 6:2 My '64.
- LABOR PRODUCTIVITY**
Potentialities of growth of labor productivity. A. Giden. *Plan. khoz.* 43 no. 10:1-8 Ag '66.
- LABOR PRODUCTIVITY—STATISTICS**
Ponderant percentages; facts and figures. *Agitator* no. 6:21-22 My '64.
- LABORATORIES—EQUIPMENT AND SUPPLIES**
Container cage for transporting infected animals. V. V. Nikitin, G. A. Naumakov, A. M. Iakovlev. *Ist. i zap.* no. 6:310 '66.
- LAC INSECTS—PARASITES** see *Parasitism—Lac insects*
- LACRIMAL ORGANS—DISEASES** see *subdivision under Turkmenistan*
- LACTIC ACID**
New method of synthesizing lactic acid. R. F. Istaitayev, V. A. Podgorov, M. I. Farberov. *Dokl. AN SSSR* 160 no. 6:1335-1337 Je '66.
- LADDERS**
Bars and ladders from glass platten. G. V. Hollova and others. *Energ. i tekhn.* no. 3:25 My-Je '66.
- LADYZHEN'SKYI, HENNADI OLEKSANDROVICH, 1931-1916**
Ladychens'kyi, V. A. Hennadii Ladychens'kyi. [Kyiv, Mystetstvo, 1965] 63 p. illus.
- LACCHILUS** see *subdivision under Kazakhstan*
- LAKES** see *subdivision under Russia, Northwestern; Siberia, Western*
- LAMBS**
Characteristics of protein fractions and amino acid composition of the blood serum in lambs of different lambing time. T. S. Manheev. *Izv. AN Kazakh. SSR. Sur. biol.* 4 no. 3:90-100 My-Je '66.
- LAMBS—FEEDING AND FEEDS**
Effectiveness of the use of some fibrous preparations in raising Edilbay lambs. F. M. Mukhammedgaliev, A. S. Amarbayev, B. M. Kunyashbekov. *Vest. sel'skhoz. nauch. [Kazakh.]* 0 no. 7:35-40 Ji '66.
- LAMELLIBRANCHIATA**
Distribution of bivalves by fishes. K. A. Vokhanchuk. *Zool. zhur.* 45 no. 7:1007-1008 '66.
- LAMELLIBRANCHIATA, FOSSIL** see *subdivision under Armenia; Kuznetsk Basin; Onega Lake region*
- LAMINAR FLOW**
Effect of solvent on the optical behavior of macromolecules in a laminar flow. R. V. Erlman, A. K. Dzhamanov. *Vysokom. ond.* 9 no. 3:1388-1394 Ag '65.
- Laminar flow of a conducting fluid in an open channel. B. A. Kolovandilov. *Izv. vys. ucheb. zav.; energ.* 9 no. 7:70-76 Ji '66.

- LAND—CLASSIFICATION** see subdivision under *Pomona*; Tuva A.S.S.R.
- LAND TENURE**
(see also subdivision under *Bulgaria*; *Iran*; *Iraq*)
The Eighth Session of the Interpublic Symposium on the Agrarian History of Eastern Europe. I. V. Ledovskaya. *Int. SSSR* 10 no. 3:221-225 My-Je '66.
- Manahil, A. P.** [Marxist-Leninist theory on land rent and development of capitalism in agriculture] *Markskistko-leninskoe uchenie o zemel'noi rente i razviti kapitalizma v sel'skom khoziaistve*. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1965. 185 p. (CS1-II)
- LAND TENURE—LAW**
Balezin, V. P. [Test cases in Soviet land law; a textbook for students] *Sbornik zadach po sovetskoiu zemel'nomu pravu; uchebnoe posobie dlia studentov*. [Moskva] Izd-vo Mosk. univ., 1966. 65 p.
The object of the right to use land. V. P. Balezin. *Izv. vys. ucheb. zav.* 19 no. 1:60-66 '66.
- LANDFORMS**
(see also subdivision under *Altai Mountains*; *Chukchi Peninsula*; *Maritime Territory*; *Sakhalin*; *Volga Valley*)
Cyclidity and basic stages in the formation of relief. Z. A. Svirichevskaya, I. U. P. Seliverstov. *Dokl. AN SSSR* 196 no. 2:414-417 J1 '66.
- LANDFORMS—CLASSIFICATION** see subdivision under *Amur Valley*
- LANDLORD AND TENANT**
The abandonment of living quarters. I. U. Rokhmonovich. *Sots. zakon.* no. 3:36-39 My '66.
- LANDSLIDES**
Stages of frontal-type landslides. V. V. Khutitski'. *Razved. i okh. nedr* 32 no. 4:52-55 Ap '66.
- LANGUAGE AND LANGUAGES**
Akademii nauk SSSR, Institut yazykoznanii. [Problems of linguistic analysis; phonology, grammar, lexicology] *Problemy lingvisticheskogo analiza; fonologiya, grammatika, leksikologiya*. Moskva, Nauka, 1966. 214 p.
- Leningrad, Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena.** [Philological sciences; program of the conference, abstracts of the papers, April 15-May 25, 1966] *Filologicheskie nauki; programma konferentsii, tezisy dokladov, 15-aprelia-25 maja 1966 g.* Leningrad [1966] 222 p. (XIX Gertsenovskio chitlenia)
- Leningrad, Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena.** [Philological sciences; program of the conference, abstracts of the papers, April 20-May 25, 1965] *Filologicheskie nauki; programma konferentsii, tezisy dokladov, 20-aprelia-25 maja 1965 goda.* Leningrad, 1965. 176 p. (XVIII Gertsenovskio chitlenia)
- LANGUAGE AND LANGUAGES—BIBLIOGRAPHY** see *Bibliography—Language and languages*
- LANGUAGE AND LANGUAGES—CONGRESSES**
Leningrad, Inzhenerno-stroitel'nyi institut. Nauchnaya konferentsiya, 22. [Social sciences. Russian and foreign languages; reports] *Obshchestvennyye nauki. Russkii i inostrannyye yazyki; doklady*. Leningrad, 1964. 66 p.
- LANTHANIDES** see *Rare earths*
- LANTHANUM SELENITE**
Heat of formation of lanthanum selenite. A. I. Maler, I. U. L. Suponitskii, M. Kh. Karapetianis. *Izv. AN SSSR. Neorg. mat.* 2 no. 4:775-777 Ap '66.
- LARCH** see subdivision under *Krasnoyarsk Territory*; *Ural Mountains*
- LARVAE—INSECTS**
Feeding habits of flea larvae. D. P. Zhuzhikov, L. A. Kuznetsova. *Zool. zhur.* 45 no. 7:1102-1104 '66.
- LARVAE—POLYZOA**
Larva and metamorphosis of *Cristatella mucedo* (Cuv.). A. G. Knorre. *Zool. zhur.* 45 no. 7:968-968 '66.
- LASERS**
Disintegration of transparent dielectrics under high-power laser irradiation. B. M. Ashkinadze and others. *Zhur. eksp. i teor. fiz.* 50 no. 5:1187-1201 My '66.
Doubling of the frequency of light radiated by a laser with Q-switching of the resonator. V. I. Bespalov, I. U. K. Bogatyrev. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 4:715-719 '66.
Effect of light absorption by free carriers in a semiconductor laser. V. S. Mashevich, V. L. Vinetski. *Zhur. eksp. i teor. fiz.* 50 no. 5:1410-1414 My '66.
Effect of the resonance field on the operation of a two-photon laser. V. S. Butykin and others. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 3:538-544 '66.
Energy balance of pumping radiation. B. I. Stepanov, A. S. Rubanov. *Dokl. AN SSSR* 10 no. 7:462-465 J1 '66.
- Generation of the second harmonic in a resonant laser. V. S. Butykin and others. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 3:545-549 '66.
- Heating of a two-layer plate in laser light-beam welding. N. N. Rykalin, A. A. Uglov, N. I. Makarov. *Dokl. AN SSSR* 169 no. 3:565-568 J1 '66.
- Interaction of waves in a gas laser. B. L. Zhelnov, A. P. Kazantsev, V. S. Smirnov. *Zhur. eksp. i teor. fiz.* 50 no. 5:1291-1295 My '66.
- Laser in resonator Q-factor switching mode. V. I. Bespalov, I. U. K. Bogatyrev. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 3:525-537 '66.
- Semiconducting quantum generator on gallium arsenide with a plane cavity. N. G. Basov and others. *Dokl. AN SSSR* 168 no. 5:1283-1286 Je '66.
- Spectral and energy characteristics of giant pulses. V. I. Bespalov, G. I. Feldman. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 3:513-524 '66.
- Synchronization of the peak regime of a laser. V. N. Morozov, A. N. Orlovskii. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 4:710-714 '66.
- Theory of two-level solid-body laser. I. A. I. Khanin. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 4:697-709 '66.
- Variation of the generation channel in a four-level quantum generator. B. I. Stepanov. *Dokl. AN SSSR* 168 no. 5:1294-1297 Je '66.
- LATHES**
Increasing precision of automatic multispindle lathes. M. L. Orlikov, G. L. Landa. *Tekhn. i org. proizv.* no. 1:9-13 Ja-F '66.
- LATHES—ATTACHMENTS**
Attachment for cutting grooves on lathes. L. A. Khristoforov, I. I. Kontsevich. *Tekhn. i org. proizv.* no. 1:72 Ja-F '66.
Attachment for machining long cylinders. I. T. Kovalev. *Tekhn. i org. proizv.* no. 1:71 Ja-F '66.
Device for pressing knuckles on vertical boring and turning lathes. B. I. Sizov, O. P. Kravchenko. *Tekhn. i org. proizv.* no. 1:73-74 Ja-F '66.
- LATIN AMERICA—ECONOMIC POLICY**
Latin America: Five-nation front. P. Orlov. *Nov. vrem.* 24 no. 35:26 Ag '66.
- LATIN LANGUAGE, VULGAR—SYNTAX**
Reforovskaya, E. A. [Sources of the analyticity of the Romance languages; essays on the syntax of early medieval Latin] *Istoki analitizma romanskikh yazykov; ocherki po sintaksisu rannesrednevekovoi latyni*. Moskva, Nauka, 1966. 150 p.
- LATVIA—EDUCATION**
Uslins, V. [Beginning of the Soviet school in Latvia] *Padamaju skolas sakumi Latvija*. Riga, Zvaigzne, 1965. 74 p. [In Latvian]
- LATVIA—GEOLOGY, STRUCTURAL**
Manifestation of tectonics in Latvian depression. E. M. Litkevich. *Vest. LGU* 21 no. 12:122-124 '66.
- LATVIA—RELATIONS (GENERAL) WITH RUSSIA**
Selga, Gunars, comp. [With raised head I cross borders] *Paceļu galvi par robežam eju*. Riga, Liesma, 1965. 109 p. [In Latvian]
- LATVIA—TECHNICAL LIBRARIES**
Developing network of technical libraries in Latvia. B. E. Papendik. *Tekhn. bibliot. SSSR* no. 7:3-8 '65.
- LATVIA—TRANSPORTATION, AUTOMOTIVE—FINANCE**
Raise profitability of automotive transport. V. Aleksandriks. *Fin. SSSR* 40 no. 7:27-31 J1 '66.
- LAUGHTER**
Vulla, A. Z. [In the laboratory of laughter] *V laboratorii smekta*. Moskva, Khudozhestvennaya literatura, 1966. 141 p. (Massovaya istoriko-literaturnaya biblioteka)
- LAUMONTITE**
X-ray examination of laumontite in dehydration. I. A. Belitskii, G. V. Bulkin, N. I. Zluzina. *Geol. i geofiz.* no. 4:143-145 '66.
- LAUNDRIES—HEATING AND VENTILATION**
Letchevskii, I. M. [Calculating heat consumption and heat-engineering equipment in mechanized laundries] *Raschet teplopotrebleniia i teplopotreblatushchee oborudovanie v mekhanicheskikh prachechnykh*. Moskva, Stroiizdat, 1966. 125 p.
- LAUNDRY MACHINERY**
Letchevskii, I. M. [Calculating heat consumption and heat-engineering equipment in mechanized laundries] *Raschet teplopotrebleniia i teplopotreblatushchee oborudovanie v mekhanicheskikh prachechnykh*. Moskva, Stroiizdat, 1966. 125 p.
- LAUREL**
Anatomy and morphology of the root formation in laurel cuttings. Z. Sh. Gabrichidze. *Subtrop. kul't.* no. 1:193-199 '66.
- LAUREL—DISEASES AND PESTS**
Formation of the complex of entomofauna harmful to laurel. V. S. Dzhashli. *Subtrop. kul't.* no. 1:114-122 '66.
- LAUREL—FROST RESISTANCE**
Some problems of the winter hardiness of laurel. V. V. Vorontsov. *Subtrop. kul't.* no. 1:123-132 '66.
- LAURIONITE**
Synthesis of laurionite under hydrothermal conditions. V. V. Badikov, A. A. Gidovikov, V. S. Pavlichenko. *Dokl. AN SSSR* 169 no. 3:656-659 J1 '66.
- LAW** see subdivision under *Ukraine*
- LAW—BIBLIOGRAPHY** see *Bibliography—Law*
- LAW—CASES**
(see also subdivision under *Ukraine*)
[Bulletin of the Supreme Court of the R. S. F. S. R.]. *Biol. Verkh. Suda RSFSR* no. 8 '66.
Nikitenko, T. V., and P. P. Shchenkov. [The court went into deliberation...] *Sud udalilsia na soveshchaniye...* Leningrad, Ob-vo "Znanie" RSFSR, 1966. 44 p.
Our replies to questions. *Sov. iust.* 30 no. 10:30-31 My '66.
- LAW—CODIFICATION** see subdivision under *Poland*
- LAW—PERIODICALS** see subdivision under *Ukraine*
- LAW—PHILOSOPHY**
Critical notes on the distortion of the nature and objectives of the socialist state and law by the ideologists of the bourgeoisie. V. Babkin, R. Bersheda. *Rad. pravo* 29 no. 2:78-81 F '66.
- LAW—PSYCHOLOGY**
Social and individual legal consciousness in socialist countries. D. Potopelko. *Rad. pravo* 29 no. 8:64-66 Ag '66.
- LAW—STUDY AND TEACHING**
(see also subdivision under *Minsk*; *Sverdlovsk*; *Ukraine*)
Bring the knowledge of law to the masses. E. Salamatov, D. Chorpita. *Rad. pravo* 29 no. 7:83-85 J1 '66.
A "section of legal information." M. Zhydkov. *Rad. pravo* 29 no. 2:86 F '66.
- LAW—TERMS AND PHRASES** see subdivision under *Germany*
- LAW AND COMMUNISM** see subdivision under *Ukraine*
- LAW AND RELIGION** see *Religion and law*
- LAW ENFORCEMENT** see subdivision under *Estonia*; *Moscow*; *Poslov Province*; *Simferopol'*
- LAW REPORTS, DIGESTS, ETC.** see subdivision under *Poland*; *Ternopol' Province*
- LAW SCHOOLS** see subdivision under *Hungary*
- LAWYERS** see subdivision under *Dnepropetrovsk Province*; *Moscow*
- LAWYERS—EDUCATION AND TRAINING**
Training the legal consultants of business enterprises. V. Tsviatkov, P. Zavorotko, I. Pobluchenko. *Rad. pravo* 29 no. 2:13-15 F '66.
- LAY JUDGES**
Work of people's judges and comrades courts has been made more active. K. Bel'skii. *Sov. iust.* 39 no. 10:25-26 My '66.
- LEAD**
Qualitative determination of lead in the urine by reaction with dithione (modification of the method used at the industrial sanitation laboratory of the Omsk Municipal Sanitary-Epidemiological Station. A. A. Troitskii, I. G. Vertlib. *Lab. delo* no. 8:480-481 '66.
- LEAD-COPPER ALLOY PLATING** see *Copper-lead alloy plating*
- LEAD SILICATES**
Change in the electroconductivity of a surface layer of lead silicate glass in the process of heat treatment in hydrogen. E. A. Fainberg. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1154-1156 Je '66.
- LEAD TELLURIDES**
Effect of the supporting structure on the concentration and sign of current carriers in PbTe films. L. S. Palatnik, V. K. Sorokin. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:997-1000 Je '66.
- LEAD-TIN ALLOYS**
Characteristics of the vaporization and condensation of the Pb-Sn alloy. L. S. Palatnik, G. V. Fedorov, P. N. Bogatov. *Fiz. met. i metalloved.* 21 no. 5:704-707 My '66.

LEAF BEETLES

Facultative ooviviparity in *Chrysomela sanguinolenta* L. (Coleoptera, Chrysomelidae). I. A. Zakhvatkin. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:27-31 '66.

LEARNING, PSYCHOLOGY OF

Experiment of the formation of intellectual skills in older schoolchildren during the solution of practical problems. V. I. Zykova. Vop. psikh. 12 no. 3:117-130 My-Je '66.

LEAST SQUARES

Method of the least squares for calculating reservoir pressure. Ch. T. Khalilulin, I. G. Teterov. Neftprom, delo no. 7:13-15 '66.

LEAVES

Structure of the conductive system in the petiole and the main vein of leaves in some woody plants. G. P. Belostokov. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 128-135 '66.

LECTHINASE—PHYSIOLOGICAL EFFECT

Role of lecthinase in the creation of immunity to experimental gas gangrene. I. A. Larina, M. V. Isoplatovskaya, Zhur. mikrobiol., epid. i imm. 43 no. 7: 125-129 JI '66.

LEG—ABNORMALITIES AND DEFORMITIES

Reconstructive surgery and prosthesis in congenital hypoplasia of the lower extremity. V. V. Sinev, N. M. Shmatov. Ortop., travm. i protez. 27 no. 7:70-73 JI '66.

LEG—DISEASES

Some problems of the etiology, pathogenesis, and clinical aspects of varicosis of the veins of the lower extremities. P. P. Alekseev, A. G. Kovaleva, V. S. Bagdasarian. Sov. med. 29 no. 7:31-35 JI '66.

LEG—ULCERS

Treatment of trophic ulcers of the leg with iodine bro-mide water of the Akhtyr' spring. P. M. Zorin. Sov. med. 28 no. 5:128-131 My '66.

LEGAL AID

Work of a volunteer-staffed legal aid bureau. M. T. Sytnik. Rad. pravo 29 no. 2:87 F '66.

LEGAL ETHICS

Rules of ethics governing the performance of a Soviet advocate. A. Bolkov. Sov. iust. 30 no. 10:16-17 My '66.

LEGISLATION

(see also subdivision under Germany, West)

The act of statutory initiative and the drafting of a bill of a rulemaking enactment as the stages of lawmaking activities of municipal soviets and their executive committees. B. V. Dreishev. Izv. vys. ucheb. zav.; prav. 10 no. 1:12-16 '66.

Stages of making law in the U.S.S.R. L. I. Antonova. Izv. vys. ucheb. zav.; prav. 10 no. 1:3-11 '66.

LEGISLATIVE BODIES

The supreme organ of people's power. Sov. iust. 30 no. 10:1-3 My '66.

LEGUMES

Effect of molybdenum and boron on the yield of pulse crops. V. I. Shempel', N. P. Kukresh. Vestn. AN BSSR. Ser. sel'hoz. nav. no. 2:30-34 '66.

Udalovo-Ljudinskaya opytno-selskotsennaya stantsiya, sel'hoz. nav. no. 2:30-34 '66.

Ukrainskii SSR, 1963. 191 p. (ICRL)

LEISURE

Patrushev, V. D. [Time as an economic category] Vremya kak ekonomicheskaya kategoria. Moskva, Mysl', 1966. 236 p.

LEMESHEV, SERGEI IAKOV LEVICH, 1902-

From my autobiography. S. Lemeshev. Sov. muz. 30 no. 5:63-71 My '66.

LEMON

Spraying winter coverings with dispersed water as a reliable method for protecting lemons from frost. S. V. Mgaloblishvili, A. I. Todua. Subtrop. kul't. no. 1:18-24 '66.

LEMON BREEDING

Breeding lemon for resistance to mal secco disease. Sh. K. Goliadze. Subtrop. kul't. no. 1:28-73 '66.

LENA RIVER—DESCRIPTION AND TRAVEL

Makarov, N. N. [The ocean's sister] Sestra okeana. Moskva, Sovetskaya Rossiya, 1966. 116 p.

LENA RIVER—MOTOR SHIPS

A new type of dry cargo ship for the Lena River. A. Dolgii. Rech. transp. 25 no. 7:25-26 '66.

LENA RIVER—SHIPPING

Containerized cargo shipments in the Lena Shipping Company. A. Palestina. Rech. transp. 25 no. 7:51 '66.

LENA VALLEY—ECOLOGY

Ecological conditions on meadows of Lena River fluvial plain in southern Yakutia; water regime of fluvial plain soils. K. E. Kononov. Vest. LGU 21 no. 12:73-82 '66.

LENA VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Middle and Upper Jurassic sediments in the lower Lena Valley. N. M. Dzhuordze, S. V. Meledina. Geol. i geofiz. no. 3:137-142 '66.

LENA VALLEY—GOLD ORES

New type of gold mineralization in the Lena gold-bearing region. V. A. Buriak. Dokl. AN SSSR 160 no. 1:163-165 JI '66.

LENA VALLEY—SOIL MOISTURE

Ecological conditions on meadows of Lena River fluvial plain in southern Yakutia; water regime of fluvial plain soils. K. E. Kononov. Vest. LGU 21 no. 12:73-82 '66.

LENGNIK, FRIDRIKH VIL'GEL'MOVICH, 1873-1933

Murav'ev, A. M. F. V. Lengnik. [Leningrad] Lenizdat, 1968. 32 p. (Uzinki Petropavlovskoi kreposti)

LENGTH MEASUREMENT—EQUIPMENT AND SUPPLIES

Moskva, M. S., and V. B. Preobrazhenskii. [Devices and means for automatic measurement of length dimensions] Pribory i sredstva avtomatizatsii izmerenii lineinykh razmerov. Moskva, TsNPI, 1965. 34 p. (Obzor otechestvennykh i inostrannykh izobretenii) [MICROFILM]

LENIN, VLADIMIR IL'ICH, 1870-1924

Akademiya nauk SSSR, Institut filosofii. [Dialectics - the theory of cognition; Lenin on the elements of dialectics] Dialektika - teoriya poznaniya; Lenin ob elementakh dialektiki. Moskva, Nauka, 1965. 511 p. (Nol)

History of V. I. Lenin's theoretical study of the nationalities problem. I. I. Semenov. Nar. Az. i Afr. no. 4:106-120 '66.

Karaganov, A. V. [Motion pictures about Lenin and the Revolution] Fil'my o Lenine, o revoliutsii. Moskva, Znaniye, 1966. 81 p. (Novye v zhizni, nauke, tekhnike. VI Seriya: Literatura i iskusstvo, nos. 11/12)

Kazakevich, R. A., and F. M. Suslova. [Mr. Pipes falsifies history; on R. Pipes' "Social democracy and the St. Petersburg labor movement, 1885-1897"] Mister Pipes falsifitsiruet istoriyu; o knige R. Pipesa "Sotsial'-demokratizatsiya i rabochee dvizheniye v S.-Peterburge, 1885-1897." [Leningrad] Lenizdat, 1966. 180 p.

Kulikov, E. S. [On V. I. Lenin's book "Who are the 'friends of the people' and how do they fight against the social democrats?"] O knige V. I. Lenina "Chto takoe 'druz'ia naroda' i kak oni volutut protiv sotsial'-demokratov?" Moskva, Politizdat, 1966. 79 p. (Konsul'tatsii po istorii KPSS)

Navickas, Konstantinas. [Historical significance of Lenin's national policy for Lithuanian people] Leninine nacionalines politikos istorine reikeme lietuviai tautai. Vilnius, Valstybine politines ir mokslines literaturos taryba, 1966. 93 p. [In Lithuanian]

A. P. Shigaev. Vop. ist. KPSS 10 no. 8: 6.

question; the publication of V. I. Lenin's complete works. G. Z. Sorokin. Nar. Az. i Afr. no. 4:207-215 '66.

Sovetskaya pedagogika. [Marxism and pedagogy; V. I. Lenin's teachings on general and communist education (an aid to party studies)] Marksizm i pedagogika; ucheniye V. I. Lenina ob obrazovanii i kommunisticheskom vospitanii (v pomoshch' partinoy uchebe). Moskva, Prosveshcheniye, 1966. 119 p.

Suslova, F. M. [On V. I. Lenin's book "What is to be done?"] O knige V. I. Lenina "Chto delat'?" Izd. 2. Moskva, Politizdat, 1966. 59 p. (Konsul'tatsii po istorii KPSS)

V. I. Lenin's ideas on management of socialist enterprises and their popularization in present-day economic literature. I. N. Hal'perin. Bibliot. ta bibl. no. 2:73-85 '66.

V. I. Lenin's participation in the work of the Bolshevik Group of the Second All-Russian Congress of the Soviets. E. A. Sultanova. Vop. ist. KPSS 10 no. 8:47-54 Ag '66.

V. I. Lenin's warm solicitude. S. Davydov. Nar. obr. no. 9:88-90 Ag '66.

LENIN, VLADIMIR IL'ICH, 1870-1924—DRAMA

Solution of the people and leader problem in N. Pogodin's play "Man with the gun." A. M. Rozenberg. Uch. zap. MOPI 141:230-240 '64.

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

Bolshakov, S. I., and N. D. Gorodetskii. [Here Lenin lived; through places associated with Lenin in Krasnoyarsk Territory] Zdes' byl V. I. Lenin; po leninskim mestam Krasnoyarskogo kraia. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1966. 88 p.

New data on the "Vasa" summer cottage. T. P. Deni-revskaya, P. E. Nikitin. Vop. ist. KPSS 10 no. 8:165-171 Ag '66.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Abramov, A. S. [Sentry post N 1; from the history of the honor guard at the Lenin Mausoleum] Chasovya post N 1 iz istorii pochetnogo karaula u Mavzoleia Lenina. Moskva, Politizdat, 1966. 78 p.

LENIN, VLADIMIR IL'ICH, 1870-1924—PORTRAITS, CARICATURES, ETC.

Pollanovskii, M. L. [We are seeing Il'ich; stories of motion pictures] My vidim Il'icha; rasskazy o kino-s"emkakh. [Moskva] Molodaya gvardiya, 1966. 166 p.

LENIN PRIZES

Interview with laureate. K. Golvandov. Az. i Afr. 27. 10 no. 8:24 Ag '66.

Lenin prize winners. Izv. AN SSSR. Ser. biol. 31 no. 4: 605-607 JI-Ag '66.

LENNAKAN REGION—WATER, UNDERGROUND

Sedimentation waters in the lacustrine deposits of the Lennakan depression. I. V. Saladian. Izv. AN Arm. SSR, Nauki o zem. 10 no. 3:45-51 '66.

LENNINGRAD—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Kreizman, I. N., B. D. Fedorov, and I. G. Tsybaev. [Construction of experimental residential building in series ILG-502; practices of Leningrad State Trust for Organization of Construction Industry and Obukhovo Housing Construction Combine] Stroitel'stvo eksperimental'nogo doma serii ILG-502; opyt trestsa "Leningradorgestroi" i Obukhovskogo domostroitel'nogo kombinata. Moskva, Stroizdat, 1964. 44 p. [MICROFILM]

LENNINGRAD—ARCHITECTURE

Pukinskii, B. K. [The Rossi ensemble; Ostrovskii Square, Architect Rossi Street, Lomonosov Square] Ansambli Rossi; Ploshchad' Ostrovskogo, nitsa zochego Rossi, ploshchad' Lomonosova. [Leningrad] Lenizdat, 1965. 52 p. (Turistu o Leningrade)

LENNINGRAD—CLOTHING INDUSTRY—MANAGEMENT

Petrova, K. P., and E. P. Iushkevich. [Work practices of Leningrad clothing enterprises in perfect production output] Opyt raboty leningradskikh shvelnykh predpriyatiy po bezdefektnomu vypusku produktov. Leningrad, 1966. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Obmen perezodovym proizvodstvennym i nauchno-tekhnicheskimi opytom v shvelnoi promyshlennosti)

LENNINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let us diversify the forms and methods of organizational work. G. Popov. Part. zhizn' no. 16:3-14 Ag '66.

LENNINGRAD—DRESSMAKING

Ivanova, A. A. [New developments in the technology of making parts of light women's and children's dresses; practice of the Leningrad House of Models] Novoye v tekhnologii obrabotki uzlov legkogo zhenskogo i det'skogo plat'ia; opyt raboty Leningradskogo Doma modeli. Leningrad, 1966. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Obmen perezodovym proizvodstvennym i nauchno-tekhnicheskimi opytom v shvelnoi promyshlennosti)

LENNINGRAD—FURNITURE INDUSTRY—FINANCE

Preparation for transition to new economic system. E. S. Botvinik, M. I. Gel'man, S. V. Kobzev. Der. prom. 15 no. 8:14-17 Ag '66.

LENNINGRAD—GEOLOGICAL MUSEUMS

Leningrad. Gornyi Institut, Muzei. [Museum of Mining; a guidebook] Gornyi muzei; pulevoditel'. Leningrad, 1959. 53 p.

LENNINGRAD—GROCERY TRADE—FINANCE

Increase personal responsibility. N. Naumova. Fis. SSSR 40 no. 8:71 Ag '66.

LENNINGRAD—HARBOR—ACCOUNTING

Strengthen the business accounting of ports. L. Shvartz. Rech. transp. 25 no. 7:14-15 '66.

LENNINGRAD—HISTORY

Pukinskii, B. K. [About Avtovo] Ob Avtove. [Leningrad] Lenizdat, 1966. 86 p. (Tam, gde byli kraly, no. 5)

LENINGRAD—INDUSTRIAL CAPACITY

Improving the utilization of industrial capacities of Leningrad enterprises. M. L. Dolgik, V. P. Popov. *Biol. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform.* 10 no. 6:48-49 Je '66.

LENINGRAD—INSTRUMENT INDUSTRY

Kralukhin, G. A. [Economic effectiveness of production lines] *Ekonomicheskaya effektivnost' potochnykh linii.* [Leningrad] Lenizdat, 1965. 110 p.

LENINGRAD—LIBRARIES AND READERS

First impressions. N. Glagoleva. *Bibliotekar'* 43 no. 8:18-20 Ag '66.

LENINGRAD—MACHINERY INDUSTRY

Kralukhin, G. A. [Economic effectiveness of production lines] *Ekonomicheskaya effektivnost' potochnykh linii.* [Leningrad] Lenizdat, 1965. 110 p.

LENINGRAD—MACHINERY INDUSTRY—MANAGEMENT

Economics should be planned. B. Novgorodskaya. *NTO* 8 no. 8:23 Je '66.

Effect of the specialization on the increase in effectiveness of basic industrial capacities. I. T. Kashkin. *Biol. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform.* 10 no. 6:42-43 Je '66.

LENINGRAD—MAIL-ORDER BUSINESS

Convenient for the customers, profitable for the store. O. Dolgov. *Sov. torg.* 39 no. 7:31-32 Ji '66.

LENINGRAD—MOLDING (FOUNDING)—MECHANIZATION

Garusov, T. V. [How we are mechanizing the processes of mold making and casting] *Kak my mekhaniziruem protsessy formovki i plavki.* [Leningrad] Lenizdat, 1965. 92 p. (Pereodovoi opyt - vsom!)

LENINGRAD—PAINTING, INDUSTRIAL

Gal'perin, A. B. [Advanced working methods in painting; practice of F. S. Erokhin's UNR-49 brigade of the "Lenotdelstroy-1" Trust of the Main Leningrad Construction Administration] *Pereodovye metody truda pri proizvodstve malykh i srednykh form i opyt brigady F. S. Erokhina - UNR-49 troika "Lenotdelstroy-1" Glavleningradstroia.* Leningrad, 1966. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Stroitel'noe proizvodstvo)

LENINGRAD—REVOLUTION, 1917-1921

History of Petrograd Red Guards, August-September 1917. *Sov. arkh.* no. 3:35-40 '66.

LENINGRAD—SHIPBUILDING—MANAGEMENT

Ignat'ev, N. I. [How to prepare and conduct a workers' conference] *Kak podgotovit' i provedi rabochee sobranie.* [Moskva] Profizdat, 1965. 78 p. (Biblioteka profsoyuznogo aktivista, no. 11(107))

LENINGRAD—SOCIAL CONDITIONS

For the welfare of the people. *Sov. profsoyuzy* 22 no. 14: 7 Ji '66.

In alliance with sociology. B. Popov. *Sov. profsoyuzy* 22 no. 14:7-8 Ji '66.

LENINGRAD—SOCIAL CONDITIONS—CONGRESSES

Thinking of the tomorrow. . . . *Sov. profsoyuzy* 22 no. 14: 8-12 Ji '66.

LENINGRAD—SPINNING

Gurevich, E. S., and P. S. Tselnikov. [Mechanization of intrafactory conveying at the S. M. Kirov Thread Spinning Works] *Mekhanizatsiya vnutrifabrichnogo transporta na Priadil'no-nitochinom kombinat im. S. M. Kirova.* Leningrad, 1966. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvenno-tekhnicheskii opyt. Seriya: Mekhanizatsiya i avtomatizatsiya transportnykh i skladsikh rabot v promyshlennosti)

LENINGRAD—TECHNOLOGICAL INNOVATIONS—FINANCE

Problems of the compensation for expenditures in the mastering of the new production. R. B. Kisin. *Trudy LIEI* no. 59:134-141 '66.

LENINGRAD—TRADE UNIONS

Borodkin, L. I. [Veterans train youth] *Veterany vos-pityvaut molodezh'. [Moskva] Profizdat, 1966. 92 p. (Biblioteka profsoyuznogo aktivista, no. 17(137))*

LENINGRAD ECONOMIC REGION—CHEMICAL WORKERS—EDUCATION AND TRAINING

Some problems in the training of skilled workers for the chemical industries. I. U. N. Mikhov. *Vest. LGU* 21 no. 11:135-139 '66.

LENINGRAD ECONOMIC REGION—MACHINERY INDUSTRY—MANAGEMENT

Current problems in the development of specialization in machinery manufacturing production of Leningrad. M. I. Orlova. *Trudy LIEI* no. 59:24-40 '66.

LENINGRAD ECONOMIC REGION—PRODUCTIVITY ACCOUNTING

Planning and accounting for labor productivity according to the factors involved. M. I. Orlova, M. U. Silzhis. *Trudy LIEI* no. 59:142-151 '66.

LENINGRAD PROVINCE—CARROTS—FERTILIZERS AND MANURES

Use of herbicides in carrot fields on some farms in Leningrad Province. A. V. Beshanova, A. M. Konnikova. *Khim. v sel. khoz.* 4 no. 7:68-70 Ji '66.

LENINGRAD PROVINCE—IRON AND STEEL PLANTS

Rozanov, M. D. [Obukhov plant workers; story of the "Bolshevik" Plant (former Obukhov Steel Smelting Plant)] *Obukhovskiy istoriya zavoda "Bolshevik" (byvshego Obukhovskogo stalennogo zavoda).* Leningrad, Lenizdat, 1965. 522 p. (Istoriya fabrik i zavodov Leningrada)

LENINGRAD PROVINCE—STANDARDIZATION

Style of Leningrad. F. F. Rekovskii. *Stand. i kach.* 30 no. 3:76-77 Mr '66.

LEPIDOPTERA

Natural enemies of Indian lac insects among Lepidoptera. A. K. Zagulaev. *Zool. zhur.* 45 no. 7:1033-1039 '66.

LEPTOSPIRA

Complement fixation reaction with dry antigen as a method of serum diagnosis of Leptospira. N. N. Tarashevich, V. G. Mitrofanov. *Lab. delo* no. 8:488-490 '66.

LEPTOSPIRA—CULTURES AND CULTURE MEDIA

Possibility of using synthetic culture media for the cultivation of Leptospira. Report No. 1: Consumption of free amino acids from the culture medium by the Leptospira in the process of growth. L. N. Ternovskaya. *Lab. delo* no. 8:487-488 '66.

LEPTOSPIROSIS see subdivision under Amur Province; Tajikistan; Tula Province

LERMONTOV, MIKHAIL YUR'EVICH, 1814-1841

M. Yu. Lermontov and Ukraine; review and bibliography of articles of literary criticism. T. S. Raskina. *Bibliot. ta bibl.* no. 2:184-193 '65.

LEUCINE

Synthesis and properties of rhodamine obtained from leucine. I. I. Kopitchuk. *Farmatsev. zhur.* 21 no. 3: 13-17 '66.

LEUCITE see subdivision under Yakutia

LEUCOCYTES

Cytochemical study of the alkaline phosphatase activity in leucocytes of laboratory animals. M. G. Shubich. *Tsitologiya* 8 no. 3:420-422 My-Je '66.

LEUCOCYTES—ANALYSIS

Determination of cytochrome oxidase in leucocytes of human peripheral blood by Burstone's method using p-aminodiphenylamine combined with 4,4-diaminodiphenylamine in the reaction. V. S. Ronin. *Lab. delo* no. 8:458-459 '66.

LEUKEMIA

Comparative radiosensitivity of chromosomes in the cultured peripheral blood leucocytes of normal people and patients with Down's syndrome. A. P. Chudina, T. S. Malutina, E. E. Pogodianska. *Genetika* no. 4:51-63 Ap '66.

Karyological, morphological and physiological study of cells of the transplantable human line J-56 and the clone lines L-98 and L-56. I. I. Georgadze. *Biol. eksp. Biol. med.* 62 no. 7:86-89 Ji '66.

Occurrence of pseudo-Pelger's leukocytes in rats affected by RNA, isolated from a leukemic tissue. Z. A. Butenko. *Dokl. AN SSSR* 188 no. 2:472-473 Ji '66.

Structure and antileukemic effect in a series of substituted phenols. N. P. Kononova and others. *Dokl. AN SSSR* 188 no. 8:1419-1421 Je '66.

"Transitional" forms of leukemia. R. N. Khokhlova. *Ark. pat.* 20 no. 5:45-50 '66.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVITSKY, IVAN, 1837-1918

I. S. Nachul-Levitsky's tale "Prychepa"; problems, characters, critical comments. H. A. Kravets. *Bibliot. ta bibl.* no. 2:142-161 '65.

LIABILITY (LAW)

(see also subdivision under Ukraine)

Government arbitration practice. *Sots. zakon.* no. 5:61 My '66.

Sholmin, A. M. [Liability of public officials for illegal (damaging) "Otvetsvennost' dolzhnostnykh lits za nezakonnnoe uvolnenie." Moskva, Iuridicheskaya literatura, 1966. 109 p.

LIABILITY FOR FARM ACCIDENTS

Konlav, N. I. [Should the health of a collective farmer be insured. . .] *Esli zdorov'yu kolhoznika prichinen vred. . . .* Moskva, Iuridicheskaya literatura, 1966. 70 p.

LIBERTY see subdivision under Europe, Eastern

LIBRARIES see subdivision under Russia, Northwestern; Ukraine

LIBRARIES, CHILDREN'S

(see also subdivision under Brest Province; Kirov Province; Moscow)

Let us improve our service to children. *Bibliotekar'* 43 no. 8:1-3 Ag '66.

Some problems concerning open access to books in children's libraries. D. A. Kumok. *Bibliot. ta bibl.* no. 2:62-64 '65.

LIBRARIES, YOUNG PEOPLE'S see subdivision under Lvov

LIBRARIES AND READERS

(see also subdivision under Kazan; Leningrad) *Bibliophilism and Soviet Libraries.* I. A. Kahanov. *Bibliot. ta bibl.* no. 2:26-38 '65.

For geologists. G. Bugaeva. *Bibliotekar'* 43 no. 8:11-12 Ag '66.

In every possible way. V. Nilov. *Bibliotekar'* 43 no. 8:6-7 Ag '66.

Our common concern. L. Zaderman. *Bibliotekar'* 43 no. 8:4-6 Ag '66.

Tribune of regional conferences. *Bibliotekar'* 43 no. 8:8-10 Ag '66.

We should persistently struggle for each man. V. A. Kurbatova. *Bibliot. ta bibl.* no. 2:41-45 '65.

LIBRARY CONFERENCES

This we heard and saw. I. Vaks. *Bibliotekar'* 43 no. 8:13-15 Ag '66.

LIBRARY EXHIBITS

How to organize library exhibits on corrosion prevention. T. N. Korebova. *Tekhn. bibliot. SSSR* no. 7:54-64 '66.

Organization and methods of cataloguing and displaying periodicals. H. O. Polienko. *Bibliot. ta bibl.* no. 2:46-51 '65.

Young people grow up in struggle for communism. N. Rabinovich. *Bibliotekar'* 43 no. 8:21-25 Ag '66.

LIBRARY SCHOOLS AND TRAINING

Organization of library science and bibliography studies in institutions of higher technical education. A. V. Alekseeva. *Tekhn. bibliot. SSSR* no. 7:23-26 '65.

We train public-apprised library personnel. *Tekhn. bibliot. SSSR* no. 7:30-33 '65.

LIBRARY SCIENCE

[Information about library work and bibliography abroad; materials] *Inform. o bibliot. delo i bibl. za rub.* nos. 1-2 '66.

Rafkova, E. V. [History of library science in foreign countries; methodological manual for correspondence students of library science faculties] *Istoriya bibliotekhnogo dela v zarubezhnykh stranakh; uchebno-metodicheskoe posobie dlya studentov-zachetnikov biblioteknykh fakul'tetov.* Moskva, Mosk. gos. in-t, 1965. 70 p.

LICHENS

(see also subdivision under Azerbaijan)

Simpozium pribalticheskikh mikologov i lichenologov. 4th. Tartu, 1965. [Problems of mycology and lichenology] *Problemy izucheniya grzybiv i lishainikov.* Tartu, Akad. nauk Estonskoi SSR, 1965. 217 p. (MH)

LICORICE

(see also subdivision under Karatal Valley)

Licorice, a new flavonoid glycoside of Glycyrrhiza glabra L. V. I. Litvinenko, I. P. Kovalev. *Dokl. AN SSSR* 189 no. 2:347-350 Ji '66.

LIDASE

Combined effect of ionizing radiation and mucolytic lidase enzyme on experimental radiation bacteremia. A. T. Ter-Avetisyan. *Biol. zhur. Arm.* 10 no. 6:28-34 Je '66.

LIE ALGEBRAS

Lie algebras of rank one with a nonzero internal product. Part 1. A. Kh. Dolgikh. *Izv. vys. ucheb. zav.; mat.* no. 4:36-43 '66.

LIFE ON OTHER PLANETS

Kukarkin, B. V., and V. G. Astakhova. [Life of the stars and galaxies] *Zhizn' zvezd i galaktik.* Moskva, Znaniye, 1966. 44 p. (Novoe v zhizni, nauke, tekhnike. XII Seriya: Estestvoznaniye i religiya, no. 7)

LIGHT—DIFFRACTION

Contribution to the theory of light diffraction by ultrasonic waves. A. S. Brinkhovsky. *Izv. vys. ucheb. zav.; radiofiz.* 9 no. 3:576-587 '66.

- LIGHT—EFFECT ON PLANTS** see *Plants, Effect of Light on*
- LIGHT—PHYSIOLOGICAL EFFECT**
Changes in fat and water amount in Chinese tussah moth pupae as related to photothermal conditions. I. M. Zolotovskaya. *Dop. AN USSR* no. 7:955-958 '66.
Correlation analysis of reaction of adoption of flash rhythm in human electroencephalogram. G. N. Boldyreva. *Zhur. vys. nerv. deiat.* 16 no. 4:604-603 J1-Ag '66.
Quantitative evaluation of the effect of artificial light on fish. V. N. Melnikov. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3:113-117 '66.
- LIGHT—SCATTERING**
Accuracy of asymptotic formulas for angular functions. P. V. Astrashenov, V. A. Punina. *Trudy GGO* no. 183: 99-100 '66.
Structure of the light field at acute angles. K. S. Shifrin, A. I. Perelman, V. A. Punina. *Trudy GGO* no. 183:3-18 '66.
Tables for the calculation of acute-angle indicatrices. K. S. Shifrin, A. I. Perelman, V. A. Punina. *Trudy GGO* no. 183:19-26 '66.
- LIGHTING**
Gutorov, M. M. [Collection of problems on the fundamentals of lighting technology] *Sbornik zadach po osnovam svetotekhniki*. Moskva, Energiya, 1966. 178 p.
Shatnev, B. H. [Lighting engineering; manual for course of lectures on preparation of course and diploma projects] *Stroitel'naya svetotekhnika; uchebnoe posobie po kursu lektsii dlia kursovogo i diplomnogo proektirovaniya*. Moskva, Mosk. in-t inzhenerov zheldor. transporta, 1965. 49 p.
[MICROFILM]
- LIGHTWEIGHT CONCRETE**
Some problems in the technology and physical and technical properties of air-entrained concrete. A. Ter-Karapetian. *Prom. Arm.* 9 no. 5: 39-40 My '66.
- LIGHTWEIGHT CONCRETE—TESTING** see *subdivision under Armenia*
- LIGNIN**
Demethylation of hydrolytic lignin by heating with aqueous solutions of sodium sulfide and sodium oxide hydride. G. F. Prokshin, B. D. Bogomolov. *Izv. vys. ucheb. zav.; i les. zhur.* 9 no. 3:125-133 '66.
Moscow. Tsentral'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoi, tsellulozno-bumazhnoi, derevoobrabatывающей promyshlennosti i lesnomu khoziaistvu. [Production of colliactivit from hydrolysis lignin using oleum] Polucheniye kolloktivita iz gidroliznogo lignina s primeneniem oleuma. [By] G. Z. Iakovenko, i dr. Moskva, 1965. 32 p. (Gidroliz i lesokhimia)
[MICROFILM]
- LIGNITE**
(see also subdivision under Krasnoyarsk Territory)
Geochemical characteristics of the distribution of molybdenum and tungsten in one of the deposits of lignite. D. F. Korolev, M. M. Dertembekier. *Dokl. AN SSSR* 168 no. 5:1170-1172 Je '66.
Oligoester acrylates based on xylite and some properties of their polymers. A. A. Berlin and others. *Plast. massy* no. 8:15-21 '66.
- LIGNITE—ANALYSIS**
Qualitative paper-chromatographic and luminescence method for marking bituminous brown coals. I. A. Khurizman. *Trudy Ufim. av. inst.* no. 2:207-209 '66.
- LIGNITE—TESTING**
Graphic method for determining the yield of volatiles and heating capacity of brown coal. I. A. Khurizman. *Trudy Ufim. av. inst.* no. 2:183-205 '66.
- LIMESTONE** see *subdivision under Carpathian Mountains*
- LIMING OF SOILS**
(see also subdivision under White Russia)
Altamovskii, N. I. [Liming fertilizers in the U.S.S.R.] *Izvestiya udobreniya v SSSR. Pod red. A. V. Peterburgskogo i B. G. Shederova*. Moskva, Kolos, 1966. 255 p.
(DNAL)
- LIMIT THEOREMS (PROBABILITY THEORY)**
Sequences of functions and a central limit theorem. V. F. Gaposhkin. *Mat. sbor.* 70 no. 2:145-171 Je '66.
Some limit theorems on the distribution of functionals of processes asymptotically close to Markov processes. *Dokl. AN SSSR* 169 no. 3:507-510 J1 '66.
- LIMNOLOGY** see *subdivision under Baikal, Lake*
- LIMNOLOGY—CONGRESSES**
International Limnological Congress of Warsaw. N. Z. Khusainova. *Izv. AN Kazakh. SSR, Ser. biol.* 4 no. 3: 101-102 My-Je '66.
- LINEAR DIFFERENTIAL EQUATIONS** see *Differential equations, Linear*
- LINEAR EQUATIONS**
Approximate solution of random linear equations. M. D. Gagua. *Trudy Vych. tsentra AN Gruz. SSR* 6:3:39-46 '65.
Impossibility of general estimations of solutions and uniqueness conditions for linear equations with norms weaker than in L_q. A. D. Aleksandrov. *Vest LGU* 21 no. 13:8-10 '66.
- LINEAR PROGRAMMING**
Algorithm for the search of the optimal distribution of centralized resources. T. N. Pervozvanskaya, A. A. Pervozvanski. *Izv. AN SSSR, Tekh. kh.* no. 3:16-19 My-Je '66.
- LINEAR TOPOLOGICAL SPACES**
Conception of a linear structure which is normal in itself and some applications of this conception in the theory of linear and linear normed structures. A. I. Vekster. *Izv. vys. ucheb. zav.; mat.* no. 4:13-22 '66.
Exact interpolation theorem. V. A. Dikarev, V. I. Matashev. *Dokl. AN SSSR* 169 no. 5:986-988 Je '66.
- LINSEED OIL**
Substitute for boiled linseed oil in the foundries of the Gorky Automobile Plant. A. R. Komarov, T. F. Ufianova, A. A. Zakharchenko. *Liz. protzv.* no. 5:40 My '66.
- LIPETSK PROVINCE—EDUCATION**
We are united. P. Kashmenekii. *Nar. obr.* no. 8:122-126 Ag '66.
- LIPETSK PROVINCE—SUGAR BEETS—FERTILIZERS AND MANURES**
Fertilizers for sugar beets in Lipetsk Province. V. V. Grishina. *Khim. v sel. khoz.* 4 no. 8:21-23 Ag '66.
- LIPETSK PROVINCE—WHEAT—FERTILIZERS AND MANURES**
Fertilizers for winter wheat as a green fallow crop. Z. V. Andreeva. *Khim. v sel. khoz.* 4 no. 0:4-5 Ag '66.
- LIPID METABOLISM**
Turbidimetric method for the determination of β -lipoproteins and chylomicrons in blood plasma and tissues. A. N. Klimov, T. N. Lovaglina, E. A. Ban'kovskaya. *Lab. delo*. no. 5:276-280 '66.
- LIPIDOSIS**
Gallbladder cholesterosis. N. K. Perminov, A. E. Podolskii. *Khirurgia* 42 no. 6:110-115 Je '66.
- LIPIDS**
Lipids in oak acorns. Report No. 1. Amount of lipids and their metabolism in the process of acorn storage. A. M. Korneeva. *Nauch. dokl. vys. shkoly; biol. nauki* 9 no. 3:174-177 '66.
- LIQUID ALLOYS**
Surface tension of multicomponent solutions. A. A. Ohtsarov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:10-20 '66.
- LIQUID ALUMINUM ALLOYS—HYDROGEN CONTENT**
Developing hydrogen determination methods for purposes of studying kinetics of gas evolution from liquid aluminum alloys. V. I. Marinov, V. M. Perepelova. *Trudy Ural. politekh. inst.* no. 145:116-122 '65.
- LIQUID CRYSTALS**
Liquid crystals. I. G. Chistiakov. *Usp. fiz. nauk* 60 no. 4: 563-602 Ag '66.
- LIQUID HELIUM**
Impulse of vortices in helium II. L. V. Lapernashvili, I. U. G. Mamaladze. *Fiz. ntz. temp.* no. 1:71-73 '66.
Spatial anisotropy of the viscous properties of rotating helium II. Dzh. S. Tsakadze. *Fiz. ntz. temp.* no. 1:3-50 '65.
- LIQUID IRON—SULFUR CONTENT**
Studying the activity of sulfur in Fe-S melts. I. U. D. Pyshkin. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:21-24 '66.
- LIQUID LEVEL INDICATORS**
Studying rates of metal level rising in metal molds for aluminum alloy casting. G. M. Dubitskii, T. A. Luchina. *Trudy Ural. politekh. inst.* no. 145:102-103 '66.
- LIQUID LITHIUM**
Corrosion of stainless chromium-nickel steel in lithium. N. M. Beskorovainyi, V. K. Ivanov, V. V. Petrashko. *Met. i metalloved. chist. met.* no. 5:103-172 '66.
- Mechanism of carbon steel corrosion in lithium. N. M. Beskorovainyi, V. K. Ivanov. *Met. i metalloved. chist. met.* no. 5:151-162 '66.
- LIQUID METALS**
Electromagnetic flowmeter for liquid metals. N. V. Alavoga, A. N. Kvanov. *Bull. tekhn. i ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 10 no. 6: 37-38 Je '66.
Rate of penetration of FeO-SiO₂-FeO₃ melts into cast-iron porous specimens of molten magnesium. M. A. Sherstobitov, S. I. Popel', N. V. Tsarevskii. *Trudy Ural. politekh. inst.* no. 145:67-78 '66.
- LIQUID METALS—FLUID MODELS**
Studying flow rate distribution in area of jet incidence by modeling with cold fluids. I. U. P. Pouchikov and others. *Trudy Ural. politekh. inst.* no. 145:123-133 '66.
- LIQUIDITY (ECONOMICS)**
Problems of international liquidity. A. Keldysh. *Dokl. Akad. Nauk SSSR* 24 no. 7:77-87 J1 '66.
- LIQUIDS—OSCILLATIONS**
Molgaev, N. N., and A. A. Petrov. [Numerical methods of calculating the natural oscillations of a bounded liquid volume] *Chislennyye metody rascheta natsionalnykh chislennyykh kolebaniy ogranichenogo ob'ema zhidkosti*. Moskva, VtA AN SSSR, 1966. 208 p. (Matematicheskie metody v dinamike kosmicheskikh apparatov, no. 3)
- LIQUORICE** see *Isorice*
- LSICHANSK—CIVIL DEFENSE—STUDY AND TEACHING**
The entire collective. V. Gogin, V. Barlachenko. *Voen. znaniya* 42 no. 8:20-21 Ag '66.
- LYSTERIOSES**
(see also subdivision under Sverdlovsk Province)
Methodology of the obtaining of active antiphage sera. M. K. Shestogova. *Zhur. mikrobiol., epid. i imm.* 43 no. 0:26-30 Ag '66.
- LITERARY RESEARCH**
Akademika nauk SSSR. Institut russkoi literatury. [Problems of methodology in literary research] *Voprosy metodologii literaturovedeniya*. Moskva, Nauka, 1966. 282 p.
- LITERATURE—HISTORY AND CRITICISM**
Chukovskii, K. I. [Collected works in six volumes] *Sobranie sochinenii v shesti tomakh*. Moskva, Khudozhestvennaya literatura.
Vol. 3. [Alive on life. High art. From Anglo-American notebooks] *Zhizn' kak zhizn'. Vysokoe iskusstvo*. Iz anglo-amerikanskikh tetradel' 1906. 630 p.
Semenchuk, Ivan. [The portrait in literary work] *Portret v khudozhestvennom tvore*. Kiev, Dnipro, 1965. 72 p. (Besedy pro khudozhestvennuyu literaturu) (CaOTU)
Ternava, Kyi, Ontap. [Longing for a myth; an essay] *Tilna za mitom; esei*. New York, Kluks, 1966. 160 p.
- LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY** see *Bibliography—Literature—History and criticism*
- LITERATURE—PHILOSOPHY**
Korovin, V. M. [Dialectical materialistic nature of the artistic conflict] *O dialektilko-materialisticheskoi prirode khudozhestvennogo konfliktia*. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 63 p. (CS-II)
Moscow. Akademiya obshchestvennykh nauk. [The role of philosophy in artistic creation] *Ro' mirovoznaniya v khudozhestvennom tvorchestve*. Moskva, Mysl', 1965. 422 p.
- LITERATURE—PSYCHOLOGY**
Lonob', G. M. [Writer and his work; problems of the psychology of creation and of artistic skill] *Platel' i ego rabota; voprosy psikhologii tvorchestva i khudozhestvennogo masterstva*. Moskva, Sovetskii pisatel', 1966. 392 p.
- LITERATURE—STUDY AND TEACHING**
Spiritual riches. S. Shipovskii. *Nar. obr.* no. 6:30-43 Ag '66.
- LITERATURE, COMPARATIVE**
Oraber-Pasack, M. E. [Ancient themes and forms in western European literature] *Antichnye sluzhby i formy v zapadno-evropeiskoi literaturo*. Moskva, Nauka, 1966. 316 p.
- LITERATURE AND COMMUNISM** see *Communism and literature*
- LITHIUM**
Rapid method for determining lithium in waters. E. A. Khurizman, TS. O. Ekouzlan. *Izv. AN Arm. SSR, Nauka o zem.* 18 no. 3:100-102 '66.

- LITHIUM FLUORIDE—SPECTRA**
Thermoluminescence and optical absorption spectra of irradiated LiF crystals. T. Sh. Davitashvili, M. F. Zhvanila, Elektron, 1 ion, prots, v tver, tel. no. 2:40-45 '65.
- LITHIUM FLUORIDE CRYSTALS**
Low-frequency internal friction in lithium fluoride crystals. N. G. Poltav, D. G. Drilav, Elektron, 1 ion, prots, v tver, tel. no. 2:35-39 '65.
- LITHIUM FLUORIDE CRYSTALS, EFFECT OF RADIATION ON**
Changes in the conductivity of KCl and LiF crystals due to radiation. E. L. Andronikashvili and others, Elektron, 1 ion, prots, v tver, tel. no. 2:27-34 '65.
Electron paramagnetic resonance and optical absorption in lithium fluoride crystals irradiated with neutrons. A. I. Dzhorzhishvili and others, Elektron, 1 ion, prots, v tver, tel. no. 2:19-26 '65.
- LITHUANIA—BALLET—STUDY AND TEACHING**
Grivickas, Vytautas. [Art of dancing] Soklo menas. Vilnius, Mintis, 1965. 221 p. [In Lithuanian]
- LITHUANIA—COLLECTIVE FARMS**
Lietuvos TSR Mokslo akademija, Vilna. Ekonomikos institutas. [Increase of profitability on the collective farms of the Lithuanian S.S.R.] Rentabilumo didinimas Lietuvos TSR kolūkiuose. Vilnius, Mintis, 1965. 178 p. [In Lithuanian]
- LITHUANIA—COMMUNIST PARTY**
Liaukonis, Alvidas. [F. Dzerzhinskii's revolutionary activity in Lithuania] F. Dzerzhinskio revoliucine veikla Lietuvoje. Vilnius, Valstybine politines ir moksline literaturos leidykla, 1961 54 p. [In Lithuanian]
- LITHUANIA—FISHERIES**
[Fishermen of Soviet Lithuania] Rybaki sovetskoi Litvy. Vilnius, Mintis, 1965. 168 p.
- LITHUANIA—FOREST SOILS**
Valcys, M. [Practices in mapping and classification of forest soils] Opyt kartirovania i bonitirovki lesnykh pochv. Kaunas, Lietuvos mokslu ir mokytoju tautos kazos, 1965. 12 p. (Vystavka destizheni narodnogo khoziaistva SSSR)
- LITHUANIA—HISTORY**
Lietuvos TSR Mokslo Akademija, Vilna. [40 years] 40 metu. Vilnius, Valstybine politines ir moksline literaturos leidykla, 1965. 339 p. [In Lithuanian]
Navickas, Konstantinas. [Historical significance of Lenin's national policy for Lithuanian people] Lenino nacionalines politikos istorine reikame Lietuvai tautai. Vilnius, Valstybine politines ir moksline literaturos leidykla, 1960. 93 p. [In Lithuanian]
Vilna, Partijos istorijos institutas. [The Vilnius underground; reminiscences of the veterans of the revolutionary movement in the Vilnius region, 1920-1939] Vilniskos podpolis; vospominaniia uchastnikov revoliucionnogo dvizheniia v Vilniskom kraie, 1920-1939 gg. Vilnius, Vaga, 1966. 394 p.
- LITHUANIA—SOVIETS**
Report of the executive committee before the sessions of local soviets. A. I. Burkauskas. Sov. gos. i pravo 36 no. 8:114-119 Ag '66.
- LITHUANIA—WAGES**
Wage prognosis. S. Ginalte, T. Robinsonaitis. Plan. khoz. 43 no. 8:78-81 Ag '66.
- LITHUANIAN DRAWINGS** see Drawings, Lithuanian
- LITHUANIAN LANGUAGE—STUDY AND TEACHING**
Vilna. Universitetas, Lietuviu kalbos katedra. [Modern Lithuanian] Dabartinio lietuviu kalba; straipsniu rinkinys. Redakcine kolegija: J. Kazlauskas, A. Laisgaitis, V. Urbaitis. Vilnius, Valstybine politines ir moksline literaturos leidykla, 1961. 279 p. [In Lithuanian]
- LITHUANIAN POETRY—HISTORY AND CRITICISM**
Zaborskaite, V. [The art of verse] Eileroaslo menas. Vilnius, Vaga, 1965. 277 p. [In Lithuanian] (MI)
- LIVER**
Changes in liver tissue respiration following disorders in the portal circulation. A. I. Nazarenko, Fiziol. zhur. [Ukr.] 12 no. 4:478-482 Ji-Ag '66.
Determination of zoocoumarin in hen liver and eggs. A. P. Kot, Dokl. AN BSSR 10 no. 7:503-505 Ji '66.
- LIVER—BIOPSY**
Pathology of liver in diseases of biliary tract. Z. A. Topchianashvili, L. F. Lavrent'eva. Khirurgia 42 no. 6:139-143 Je '66.
- LIVER—CIRRHOSIS**
Karavanov, G. G., and M. P. Pavlovskii. [Liver cirrhosis and their surgical treatment] Tsirozis pecheni i ikh khirurgicheskoe lechenie. Kiev, Zdorov'ia, 1966. 284 p. (DNLM)
- LIVER—DISEASES**
Changes in the indices of water-salt metabolism in some diseases of the liver. O. P. Lebed', M. G. Sheverda. Sov. med. 20 no. 7:21-26 Ji '66.
Effect of cortisone on diuresis and on the basic processes of uropoiesis in dogs with experimental pathology of the liver. T. S. Sulakvelidze. Sbor. nauch. trud. SOGMI no. 11:36-40 '64.
Role of the liver in water diuresis. T. S. Sulakvelidze. Sbor. nauch. trud. SOGMI no. 11:23-35 '64.
So-called 3d fraction of blood coagulation in some diseases of the liver. P. D. Starashov, G. I. Skliar. Sov. med. 20 no. 5:35-38 My '66.
- LIVER—SURGERY**
Karavanov, G. G., and M. P. Pavlovskii. [Liver cirrhosis and their surgical treatment] Tsirozis pecheni i ikh khirurgicheskoe lechenie. Kiev, Zdorov'ia, 1966. 284 p. (DNLM)
Mitotic activity rhythm in the regenerating liver of mice. N. A. Milutina, S. A. Boletskina, G. G. Revich. Dokl. AN SSSR 198 no. 2:453-455 Ji '66.
- LIVER FLUKES**
Discharge of dead parasites through a duodenal catheter as an effectiveness index of chloxyd therapy in opisthorchiasis. G. M. Fainusovich. Sov. med. 20 no. 7:84-86 Ji '66.
Morphological changes in intrahepatic bile ducts in opisthorchiasis. T. A. Smirnova. Arkh. pat 28 no. 6:40-45 '66.
- LIVER FUNCTION TESTS**
Changes in natriuresis in osmotic stimulation of the liver. E. A. Nikonenko, I. A. D. Finkelshtein. Fiziol. zhur. 50 no. 7:884-887 Ji '64.
Dynamics of changes in hepatic enzymatic systems under conditions of choline-protein insufficiency. A. A. Pokrovskii, A. I. Shcherbakov. Arkh. pat 28 no. 6:45-50 '66.
Significance of the sympathetic nervous system in the regulation of the biligenic function of the liver. G. E. Saburov. Fiziol. zhur. 50 no. 7:858-863 Ji '64.
- LOADING AND UNLOADING** see subdivision under Kotlas (Archangel Province)
- LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES**
Automatic storage of packed piece goods. G. P. Grinevich, A. T. Kaitakheian. Mekh. i avtom. proizv. 20 no. 7:9-12 Ji '66.
Ivanovskii, K. E., and A. S. Obolenskii. [Reloading devices for piece freight conveyors] Peregruzochnye ustroistva konvektov shchuchnykh gruzov. Moskva, Mashinostroenie, 1966. 205 p.
Vibratory car-unloading machine with a single elastic support. V. T. Sereida, A. S. Cherkasov. Tekh. i org. proizv. no. 1:21-22 Ja-F '66.
- LOCAL TRANSPORT—ABSTRACTS**
[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. Prodmotnyi ukazatel' za 1965 g.
- LOCKJAW** see Tetanus
- LOCKS (HYDRAULIC ENGINEERING)** see subdivision under Rybinsk
- LOCOMOTIVES—DESIGN AND CONSTRUCTION** see subdivision under Kharkov
- LOESS** see subdivision under Susac Island; Ukraine
- LOGIC**
Sergeev, E. S. [Dialectic of scientific knowledge and the thinking of an engineer] Dialektika nauchnogo poznaniia i myshleniia inzhenera. Moskva, Znanie, 1966. 61 p. (Biblioteka "Filosofskie problemy tekhniki," no. 7)
- LOGIC, SYMBOLIC AND MATHEMATICAL**
Interpretation of logical formulas by means of finite problems. I. U. T. Medvedev. Dokl. AN SSSR 160 no. 1:20-23 Ji '66.
Method for transforming functions in mathematical logic. V. I. Strelets. Izv. AN SSSR, Tekh. kbf. no. 3:100-108 My-Je '66.
Simple bases in closed classes of functions of algebra of logic. G. A. Shestopal. Dokl. AN SSSR 160 no. 5:1023-1026 Je '66.
Slupecki, Jerzy, and L. Borkowski. [Elements of mathematical logic and theory of sets. Translated from the Polish] Elementy matematycznej logiki i teorii mnogości. Spetered. I. N. Kovalenko. Moskva, Progress, 1965. 367 p.
- LOGICAL POSITIVISM**
Shvayev, V. S. [Neopositivism and problems of empirical foundation of science] Neopozitivizm i problemy empiricheskogo obosnovaniia nauki. Moskva, Nauka, 1966. 214 p.
- LOGGING (GEOLOGY)**
Use of the supercritical reflection for the lithostratigraphic allocation of the reflecting horizon in seismic logging studies. B. S. Nykyforuk. Dop. AN URSSR no. 7:863-866 '66.
- LOMONOSOV, MIKHAIL VASIL'EVICH, 1791-1765**
Akademia nauk SSSR, Muzel M. V. Lomonosova. [The M. V. Lomonosov Museum in Leningrad; a guidebook] Muzel M. V. Lomonosova v Leningrad; [putevoditel'] Leningrad, Nauka, 1964. 71 p. (MIU)
- LOTTERIES**
A new freely negotiable bond. A. Gerasimov. Fin. SSSR 40 no. 8:84-85 Ag '66.
A new freely negotiable bond. M. Nakmanovich. Den. i kred. 24 no. 7:44-47 Ji '66.
- LOUDSPEAKERS**
For sound amplification. I. Medvedenko, I. A. Kuslir. Voen. znan. 42 no. 7:24 Ji '66.
- LOVOZERO TUNDRA—GEOCHEMISTRY**
Akademia nauk SSSR, Institut geokhimii i analiticheskoi khimii. [Geochemistry of Lovozero alkali massifs] Geokhimiia Lovozerskogo shchelochnogo massiva. [By] V. I. Gerasimovskii i dr. Moskva, Nauka, 1966. 364 p.
- LOVOZERO TUNDRA—ROCKS, IGNEOUS**
Akademia nauk SSSR, Institut geokhimii i analiticheskoi khimii. [Geochemistry of Lovozero alkali massifs] Geokhimiia Lovozerskogo shchelochnogo massiva. [By] V. I. Gerasimovskii i dr. Moskva, Nauka, 1966. 364 p.
- LOW TEMPERATURE RESEARCH**
Electron-phonon interaction in a magnetic field at low temperatures. Part 1. O. D. Chelishvili. Fiz. nkz. temp. no. 1:76-80 '65.
Momentum imparted by vortices to an ideal incompressible liquid and the meaning of impulse according to Kelvin. I. U. G. Marmaladze. Fiz. nkz. temp. no. 1:59-70 '65.
- LOW TEMPERATURES**
Twelfth All-Union Conference on Low-temperature Physics. M. I. Kaganov, B. I. Kochelaev, V. G. Peschanskii. Usp. fiz. nauk 89 no. 4:716-723 Ag '66.
- LOWER OMRINSKOYE OIL FIELD—OIL RESERVOIR ENGINEERING**
Regime and recovery factors of layers in the Lower Omrinskoye oil and gas field. A. A. Popov. Neftprom. delo no. 5:3-5 '66.
- LOWER TUNGUSKA VALLEY—CELESTITE**
Hydrothermal celestine from the Lower Tunguska basin. N. I. Andrusenko. Trudy VNIIP [MS] 2 no. 1:117-125 '66.
- LUBRICATION AND LUBRICANTS**
Drop of oil. I. U. Sergeev. NTO 6 no. 6:10-12 Je '66.
Generalized rheological characteristics of plastic dispersed systems. V. P. Pavlov, G. V. Vinogradov. Koll. zhur. 29 no. 3:124-130 My-Je '66.
- LUBRICATION AND LUBRICANTS—ADDITIVES**
Effect of additive of glycerides of highly unsaturated acids on properties of complex lubricants. V. V. Sinitzyn and others. Neftprom. i neftekhim. no. 7:22-25 '66.
- LUBRICATION AND LUBRICANTS—ANALYSIS**
Using methods of spectrum analysis to determine the metal content of lubricating oils and fuels. L. L. Kamenskaja. Inform. sbor. TSNIIMF no. 154. Tekh. ekspl. mor. flota no. 47:96-95 '66.
- LUMBER—DRYING**
(see also subdivision under Sweden)
Automatic machine for regulating the conditions of wood drying by its moisture. V. G. Romanov and others. Der. prom. 15 no. 6:11-13 Je '66.
D'Inkenov, K. F., E. S. Bogdanov, and G. N. Kharitonov. [Analyzing the operation of high-temperature metallic lumber kilns] Analiz raboty vysokotemperaturnykh metalicheskikh lesosushil'nykh kamor. Leningrad, 1966. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Obmen perezodovym proizvodstvennym i nauchno-tekhnicheskimi opytom v derevoobrabatovavushchei promyshlennosti)
Improved method for controlling wood moisture in the process of high-temperature drying. G. R. Urvanov, V. N. Potri. Der. prom. 15 no. 6 Je '66.
- LUMBER—TRANSPORTATION**
Experimental study of the movement of logs under water. V. I. A. Kharitonov. Izv. vyz. ucheb. zav. i les. zhur. 9 no. 3:86-76 '66.

LUMBER—TRANSPORTATION (Continued)

Packing bundles of logs by a vibrator mounted on the base of a raft-making machine. D. M. Shvarts. Izv. vyz. ucheb. zav., les. zhur. 9 no. 3:61-65 '66.

Use of a two-claw grab in the transshipping of round timber. Rech. transp. 25 no. 7:48 '66.

Voznyi, V. P., and P. F. Vigner. [Gravity cables for timber in clearing mountain slopes of forest stands] Kanalnye lesospuski na lesochistke gornyykh sklonov. Moskva, Tsentr. nauchno-issl. in-t informatsii i tekhniko-ekon. issledovaniy po lesnoi, tsellulozno-bumazhnoi, derevobrabatyval'shchei promyshl. i lesnomu khoz., 1965. 20 p. (Lesoskaphatatsia)

[MICROFILM]

LUMBER TRADE

Gorovoi, V. L., and G. A. Privakovskaya. [Geography of forest industries of U.S.S.R.] Geografiya lesnoi promyshlennosti SSSR. Moskva, Nauka, 1966. 149 p.

LUMBERING

Important potentiality of economy. A. Zheludkov. Plan. khoz. 43 no. 8:17-24 Ag '66.

Moscow. Tsentral'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoi, tsellulozno-bumazhnoi, derevobrabatyval'shchei promyshlennosti i lesnomu khoz. i lesn. khoz. [Use recent developments in production] Novos - proizvodstvu. Moskva, 1965. 41 p. (Lesnoe khoz. i lesn. khoz.)

[MICROFILM]

Some problems concerning timber transportation within the felling area. B. I. Dobronyslov, A. I. Adashynskiy. Lis., pap. i der. prom. no. 3: 6-7 My-Je '66.

Vinogorov, G. K. [Fundamentals of lumbering technology] Osnovy tekhnologii lesozagotovok. Moskva, Goslesbumizdat, 1962. 266 p. (LNU)

LUMBERING—COSTS

Size of enterprises and the cost of lumber production. E. S. Romanov. Izv. vyz. ucheb. zav., les. zhur. 9 no. 3:157-161 '66.

LUMBERING—LABOR PRODUCTIVITY see subdivision under Archangel Province

LUMBERING—MACHINERY

Basic trends in the automation of the lumbering industry. G. A. Vukh. Izv. vyz. ucheb. zav., les. zhur. 9 no. 3: 3-7 '66.

Mechanized lumber loading in cutover areas. V. I. Ailab'ev, M. M. Pomerantsev. Mekh. i avtom. proizv. 20 no. 7:113-117 Ji '66.

Mozhaev, D. V. [Machines and mechanisms at lumbering camps] Mashiny i mekhanizmy na lesozagotovkakh. Moskva, TsNIIPI, 1965. 53 p. (Obzor inostrannykh izobretenii)

[MICROFILM]

Working out and studying the methods for the valuation of full-length logs and logs in the systems of the automatic control of bucking units. V. S. Petrovskiy. Izv. vyz. ucheb. zav., les. zhur. 9 no. 3:162-168 '66.

LUMINESCENCE

Chemiluminescence in solutions. R. F. Vasil'ev. Usp. fiz. nauk 89 no. 3:409-435 Ji '66.

Effect of tectonic stresses on the thermoluminescence of limestones from the Carpathian cliff zone. H. V. Morozov, V. S. Sasinovich, V. M. Shovkoplika. Dop. AN URSS no. 7:937-941 '66.

Experience in the evaluation of general and industrial sanitary conditions at the Sadon Mines with respect to silicosis. D. G. Khachikrov. Shor. nauch. trud. SOGMI no. 11:70-75 '64.

Experimental model of silicosis in dogs. R. D. Khabutsova. Shor. nauch. trud. SOGMI no. 11:53-60 '64.

Immunomorphological changes in organs of white rats during experimental silicosis. B. K. Skirko, V. S. Korosteleva. Arkh. pat. 26 no. 6:3-9 '66.

Measurement of arterial and venous pressure in experimental silicosis. R. D. Khabutsova. Shor. nauch. trud. SOGMI no. 11:61-64 '64.

Pathological anatomy of byssinosis. T. A. Kochetkova, L. L. Fedotova. Arkh. pat. 28 no. 6:9-15 '66.

LUNGS—RADIOGRAPHY

Combined lesion of the lungs by cancer and tuberculosis: clinical and X-ray observation. A. M. Lur'e. Azerb. med. zhur. 43 no. 5:22-28 My '66.

Marmorstein, S. I., and E. E. Abarbanel. [Pulmonary electrokymography] Elektrokymografiya legkikh. Moskva, Meditsina, 1966. 193 p. (DNLM)

LUNGS—SURGERY

Bronchiectasis following resection of lungs. N. I. Makhov and others. Khirurgiya 42 no. 6:96-103 Je '66.

State of excitability of the respiratory center in animals following lung excision. L. P. Cherkasskiy. Blul. eksp. biol. i med. 61 no. 4:23-26 Ap '66.

LUNGS—TUBERCULOSIS

Residual phenomena after lung tuberculosis treatment with extrapleural oleothorax. G. S. Sologashvili, B. B. Kapanadze. Soob. AN Gruz. SSR 43 no. 1:247-252 Ji '66.

LUPINE—DEFOLIATION

Use of ammonia nitrate, ammonia water, and sodium chloride for the defoliation of lupine. V. V. Nazmakov. Khim. v sel. khoz. 4 no. 8:49-51 Ag '66.

LUPUS ERYTHEMATOSUS

Lesions of the peripheral nervous system in rheumatic fever and lupus erythematosus. T. A. Kozlova. Trudy TSU 61: 37-40 '65.

Methodology of direct detection of lupus erythematosus cells in marrow punctate. A. A. Krylov, T. G. Logtsova. Lab. delo no. 8:451-452 '66.

LUXEMBURG—ECONOMIC CONDITIONS

What is being discussed in Luxembourg. V. Zagladin. Nov. vrem. 24 no. 35:20-30 Ag '66.

LUXEMBURG—FOREIGN RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES

Luxembourg in the Common Market. S. Iakovlev. Mir. ekon. i mezhdunar. otn. no. 7:134-136 '66.

LUXON, EGYPT—DESCRIPTION

Trip into past and future (to be concluded). G. Kim, R. Landa. Az. i Afr. seg. 10 no. 8:34-35 Ag '66.

LYOV—CATHEDRALS

Celebration of the 20th anniversary of the Lyov Cathedral. I. Korol'. Zhur. Mosk. Patr. no. 6:21-27 '66.

LYOV—LIBRARIES, YOUNG PEOPLE'S

Drafts are coming to our library. A. Maltchenko. Bibliotekar' 43 no. 8:30-32 Ag '66.

(EASTERN) CATHEDRAL

Soliman Pimen at the opening of the Lyov April 23, 1966. Zhur. Mosk. Patr. no. 6:10-15 '66.

Soliman Pimen in Saint Iura Cathedral Divine Liturgy. Zhur. Mosk. Patr. no. 6:10-15 '66.

N ENGINEERING

Machining system in Lyov enter. Tekh. i org. proizv. no. 1:80-88

IG—ACCOUNTING

In prospecting organizations. g. uch. no. 8:8-10 Je '66.

UBLIC PROSECUTORS

ors supervise the observance of law governmental agencies and public. A. Pronin. Rad. pravo 20

VIETNS

operation of permanent committees. ad. pravo 20 no. 7:26-28 Ji '66.

with salt on the relationship between and the urine secretion. L. P. Musakh. SSR. Ser. biol. 4 no. 3:92-97

LYMPHADENOMA see Hodgkin's disease

LYMPHATICS

Lymphatic system of the serous membrane of the Lutta tuba uterina. M. D. Gataulov. Shor. nauch. trud. SOGMI no. 11:66-172 '64.

Mast cells in the lymph nodes of rats and autoerythrocytopenia. G. V. Kovalovskii. Dokl. AN SSSR 191 no. 3:460-462 Ji '66.

Materials on the anatomy of the intraorganic lymphatic system of the thyroid gland in endemic goiter: preliminary report. I. I. Tshornov. Shor. nauch. trud. SOGMI no. 11:73-179 '64.

New data on the intraorganic lymphatic system of the knee joint capsule. M. H. Edisardova. Shor. nauch. trud. SOGMI no. 11:161-165 '64.

New data on the structure of the lymphatic system and the connective-tissue skeleton of the human heart. V. V. Fedat. Shor. nauch. trud. SOGMI no. 11:50-154 '64.

Some problems of the morphogenesis of lymph nodes. A. P. Pola. Shor. nauch. trud. SOGMI no. 11:241-247 '64.

LYMPHATICS—ABNORMALITIES AND DEFORMITIES

Some characteristics of the structure of lymph nodes in a hypophyseal dwarf. A. P. Pola. Shor. nauch. trud. SOGMI no. 11:242-243 '64.

LYMPHATICS—TUBERCULOSIS

Treatment of peripheral lymphatic nodes. V. V. Kerezhidze. Soob. AN Gruz. SSR 43 no. 1:243-246 Ji '66.

LYOPHILIZATION

Study of the protective properties of dimethylacetamide in quick freezing of bone marrow cells to -78°C. M. M. Kapichnikov and others. Blul. eksp. biol. i med. 61 no. 4:94-97 Ap '66.

LYSENKO, MYKOLA VITALIOVICH, 1942-1962

Lysenko, O. M. [M. V. Lysenko; reminiscences of his son] Lysenko; spohady syna. Vyd. 4., pereroblena i dopovnena. Kyiv, Mystetstvo, 1966. 300 p.

LYSINE

Synthesis of rhodanines on lysine basis. III. D. Kovaliv, B. M. Turkevych. Farmatsiv. zhur. 20(1, 2): 41-22-27 '66.

MACHINE ACCOUNTING

Conference on the mechanization of accounting and computing work in the consumer cooperative system. Iukh. uch. no. 6:62-65 Je '66.

Loskutov, V. I. [Computer centers] Vychislitel'nye tsentri. Pod red. N. S. Vertilukhina. Moskva, Statistika, 1966. 280 p.

Machine accounting for payments in institutions for pre-school children. I. Polevoi, A. P. Philippovich. Iukh. uch. no. 6:42-46 Je '66.

Smokhov, A. A. [Automation of computation processes for freight charges and drawing up of freight transportation documents; summaries of lectures] Avtomatizatsiya prolasovv tschitaniya provoznykh plat i oformleniya gruzovykh perezozok; konspekt lektsii. Pod obshch. red. V. V. Povorozhenko. Moskva, Mosk. in-t inzhenerov zhelezn. transporta. No. 4. 1964. 30 p.

MACHINE MOLDING (FOUNDING)

Applying the theory of mass handling to the analysis of the use of foundry equipment. I. P. Aldokhin. Lk. proizv. no. 5:20-22 My '66.

Machine molding of columns with patterns in the vertical position. V. Z. Levinskii, S. I. Serebriankii, A. V. Flahman. Lk. proizv. no. 5:30-40 My '66.

MACHINE PARTS—ABSTRACTS

[Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref. zhur. Mashinostroi. mal., konstr. i rasch. dot. inzh. Gidr. no. 6 Je '66. Predmetnyi ukazatel' za 1965 g.

MACHINE PARTS—CLEANING

Bath for removing oil from parts. E. I. Kholitsyn. Tekh. i org. proizv. no. 1:80-88

Machin. parts—design and construction [Designing machine parts and units] Raschet detal' i uzlov mashin. Kiev, Tekhnika, 1965. 497 p.

MACHINE PARTS—TESTING

Methods and results of testing for endurance of welded specimens and gear teeth. A. T. Radchenko, V. A. Ulanov, G. V. Balashov. Shor. rab. NITM no. 11:70-88 '65.

MACHINE SHOPS—MECHANIZATION

Analyzing the economic efficiency of automation and mechanization in machine shops. V. A. Zakamennyi, E. M. Nekrich. Mekh. i avtom. proizv. 20 no. 7:42-44 Ji '66.

Means for the mechanization of auxiliary operations. A. A. Pirskii. Mekh. i avtom. proizv. 20 no. 7:53-54 Ji '66.

MACHINE-TOOL INDUSTRY—FINANCE see subdivision under *Minsk*

MACHINE-TOOL INDUSTRY—MANAGEMENT

In the Ministry of the Machine-Tool and Tool Industry. Mekh. i avtom. proizv. 20 no. 7:55-56 JI '68.

MACHINE-TOOL INDUSTRY—STANDARDS

Develop scientific and theoretical fundamentals for standardization in manufacture of unified machine tools. G. A. Kiselev, I. U. IA, Vengerovskii, V. I. Gulevskii. Stand. i kach. 30 no. 3:8-14 Mr '68.

MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under *Kolomna*

MACHINE TOOLS

Interpolator with digital control of the frequency of command signals. I. U. T. Kotikova, L. A. Petruschenko. Mekh. i avtom. upr. no. 3:17-19 My-Je '68.

Rudin, M. E., and A. I. Putyrskii. [Atlas of kinematic systems of machine tools and their adjustment] Atlas kinematicheskikh skhem metalloobrabotnykh stankov i ikh nastroika. Kazan', Kazanskii aviatstroiennyi in-t. [Pl. z.] 1983. 380 p.

MA-450 vibratory copying machine. S. G. Kandelan, K. A. Mndzholian, E. P. Gevorgian. Tekh. i org. proizv. no. 1:25-27 Ja-F '68.

Mechanized line for machining body parts of water heaters. I. A. P. Voronov. Bluz. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform. 10 no. 6:13-14 Je '66.

MACHINE TOOLS—ATTACHMENTS

Attachments for machining. V. Zhikharev. Tekh. i org. proizv. no. 1:60-69 Ja-F '68.

MACHINE TOOLS—HYDRAULIC DRIVING

Improving the quality of machine-tool hydraulic systems and of the productivity of automatic lines. I. U. E. Travkin. Bluz. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform. 10 no. 6:5-7 Je '66.

MACHINE TOOLS—MAINTENANCE AND REPAIR

Trends of the specialization of repair production in machinery manufacturing. V. S. Kabanov. Trudy LIEI no. 50:41-56 '68.

MACHINE TOOLS—SAFETY APPLIANCES

Galtsov, V. A. [Equipment for fixed ventilation exhausts of machine tools of automatic lines in instrument industry] Oboorudovanie dlia vetroochnykh ventilatsionnykh otosov metalloobrabatnykh stankov avtomaticheskikh potochnykh lini priborostroitel'noy promyshlennosti. Moskva, Informatsionno-izdatelskii sektor Nauch. - issl. in-ta sanitarnoi tekhn., 1982. 9 p.

[MICROFILM]

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Unified and specialized machine-tool equipment. S. I. Leonov. Stand. i kach. 30 no. 3:23-27 Mr '68.

MACHINE TRANSLATING

An abstract translating machine. System of commands. G. B. Chikoldze. Soob. AN Gruz. SSR 43 no. 1:9-18 JI '68.

MACHINERY—ABSTRACTS

[Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref. zhur.: Mashinostroi. mater., konstr. i rasch. det. mash. Gidr. no. 6 Je '80. Predmetnyi ukazatel' za 1985 g.

[Technology of machinery manufacture] Ref. zhur.: Tekh. mashinostroi. nos. 6-7 Je-JI '68.

MACHINERY—CLASSIFICATION

Unification of classification and coding systems in machinery and instrument industries. D. M. Malkin, M. V. Orlova. Stand. i kach. 30 no. 3:55-60 Mr '68.

MACHINERY—DESIGN AND CONSTRUCTION

[Calculations for strength, stiffness, stability and vibrations] Raschety na prochnost', zhestkost', ustoi-chivost' i kolebaniia. Moskva, Mashinostroenie, 1985. 190 p.

MACHINERY—PRICES

Matlin, A. M. [Technological progress and prices for machines] Tekhnicheskii progress i tseny mashin. Moskva, Ekonomika, 1986. 80 p.

MACHINERY—RELIABILITY

Comments on some works about reliability and durability of machinery. V. P. Popov. Stand. i kach. 30 no. 3:77-80 Mr '68.

Determining the level of the reliability of machines by the results of operational testing. V. N. Treier. Dokl. AN SSSR 10 no. 7:486-488 JI '68.

MACHINERY—TESTING

Problems in development of high-speed durability tests of machines and their elements. R. V. Kugel'. Stand. i kach. 30 no. 3:44-54 Mr '68.

MACHINERY, KINEMATICS OF

Disruption of the kinematics of blast furnace balance beams resulting from errors in mounting. V. P. Dobrov, A. S. Zalkind, D. A. Storozhik. Izv. vyz. ucheb. zav. i Chern. met. 9 no. 7:30-34 '66.

MACHINERY INDUSTRY

(see also subdivision under *Leningrad; Moscow*)

Khorbenko, I. G. [Ultrasonics in the machinery industry] Ul'trazvuk v mashinostroeni. Moskva, Mashinostroenie, 1986. 180 p.

Vintman, V. E. [Artistic design of the products of the machinery industry] Khudozhestvennoe konstruirovaniye izdelii mashinostroeniia. Leningrad, 1966. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Biblioteka "Tekhnicheskii estetik")

MACHINERY INDUSTRY—ABSTRACTS

[Problems of technological progress and the organization of production in the machinery industry] Ref. zhur.: Vop. tekhn. prog. i org. proizv. v mashinostroi. Predmetnyi ukazatel' za 1985 g.

MACHINERY INDUSTRY—ACCOUNTING

New system and business accounting in workshops. A. Brusko. Plann. khoz. 43 no. 8:43-48 Ag '66.

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Method for determining the coefficient of the use of equipment in the machinery industry. M. U. Sitshis. Trudy LIEI no. 50:126-133 '68.

MACHINERY INDUSTRY—FINANCE

Production indices and profitability in workshop-business accounting. E. Neiman. Plann. khoz. 43 no. 8:49-53 Ag '66.

MACHINERY INDUSTRY—INDUSTRIAL CAPACITY see subdivision under *Armenia*

MACHINERY INDUSTRY—MANAGEMENT

(see also subdivision under *Leningrad; Leningrad Economic Region; Ukraine*)

Differentiation and the development of branches, specialization of enterprises and their indices; as exemplified by the machinery industry. L. L. Shalovich. Trudy LIEI no. 50:5-23 '66.

Ways of improving planning for procurement in an industrial enterprise. I. U. IA, Bagranov. Trudy INKH no. 42:75-91 '68.

MACHINERY INDUSTRY—QUALITY CONTROL

Quality of machinery and the analysis of the use of material resources. I. B. Kurnikov. Trudy INKH no. 42:92-108 '68.

MACHINERY INDUSTRY—STANDARDS

Theoretical premises of standardization in machinery industry. V. B. Gokun. Stand. i kach. 30 no. 3:3-8 Mr '68.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Matlin, A. M. [Technological progress and prices for machines] Tekhnicheskii progress i tseny mashin. Moskva, Ekonomika, 1986. 80 p.

MACHINISTS' TOOLS

Pocket tool. A. Saahin. Izobr. i rats. no. 8:24-25 Jo '68.

MACROMOLECULAR COMPOUNDS

Critical concentrations in a binary mixture of antioxidants. I. A. Shilpikhova, V. B. Miller, I. U. A. Shitapkov. Vysokom. soed. 8 no. 8:1401-1404 Ag '66.

Diffusion reflection spectra of polychelates. A. P. Torenkov and others. Dokl. AN SSSR 186 no. 5:1082-1084 Jo '68.

Effect of stereoisomerism and structure of a side chain on molecular relaxation. G. P. Mikhailov, A. M. Lobanov, M. P. Pletnikov. Vysokom. soed. 8 no. 8:1377-1378 Ag '68.

Influence of volume effects on dimensions of macromolecules in the region of helix-coil transition. A. M. Skvortsov, I. U. E. Eizner. Vysokom. soed. 8 no. 8:1434-1439 Ag '68.

Structure of high-molecular polymethacrolein. M. M. Koton and others. Vysokom. soed. 8 no. 8:1389-1395 Ag '68.

Synthesis of carboxylic polymers with functional groups by ester condensation. S. L. Davydova and others. Dokl. AN SSSR 186 no. 2:378-381 JI '68.

MACROMOLECULAR COMPOUNDS—OPTICAL PROPERTIES

Effect of solvent on the optical behavior of macromolecules in a laminar flow. E. V. Frlaman, A. K. Dadiyants. Vysokom. soed. 8 no. 8:1359-1364 Ag '68.

MACROMOLECULAR COMPOUNDS—SPECTRA

Temperature dependence on infrared spectra and conformation effects of polyethylene terephthalate macromolecules. T. N. Pilev. Dokl. AN SSSR 189 no. 3:626-629 JI '68.

MAGADAN PROVINCE—GEOLOGY, STRATIGRAPHIC

Lower Carboniferous stratigraphy of northeastern part of Omolon Massif. K. V. Shmakov. Uch. zap. NIIGASer. "Paleont. i biostr." no. 7:5-9 '65.

MAGNESIUM ALLOYS—INCLUSIONS

Ways of quality improvement of formable magnesium alloys. Zh. V. Tokarev, M. A. Kriukov. Trudy Ural. politekh. inst. no. 145:109-116 '65.

MAGNESIUM ORGANIC COMPOUNDS see *Organomagnesium compounds*

MAGNETIC CIRCUITS

Effect of the permeability of a solid rotor on the characteristics of an induction motor. A. N. Strol'nikov. Elektrichestvo no. 7:78-80 JI '66.

Some statistical characteristics of the magnitudes of magnetic induction and permeability of electrical steel. V. G. Arutunov. Elektrichestvo no. 7:83-84 JI '66.

MAGNETIC FIELDS

Effect of a magnetic field on $\alpha \rightarrow \gamma$ transformations in iron-nickel alloys. P. A. Matinen, V. D. Sadevskii. Fiz. met. i metalloved. 21 no. 5:787-788 My '66.

Measuring magnetization in strongly pulsed magnetic fields by the weight method. E. A. Zavadskii, N. IA. Samarin, I. G. Fakidov. Fiz. met. i metalloved. 21 no. 5:693-699 My '66.

Motion of an electric arc in a magnetic field. O. B. Bron. Elektrichestvo no. 7:1-6 JI '66.

Oscillations in the attenuation and velocity of sound waves in semiconductors and metals in the presence of a strong magnetic field. V. I. Pustovoi, I. A. Poluektov. Zhur. eksp. i teor. fiz. 50 no. 5:1265-1278 Mr '66.

Radiation conductivity of longitudinal cracks on a cylinder. B. A. Panchenko. Izv. vyz. ucheb. zav. radiofiz. 9 no. 4:829-831 '66.

Role of a space charge in the case of intensification of the noise orbits of individual electrons in a high-frequency quadrupole field. V. A. Vanko, V. B. Magalinskii. Izv. vyz. ucheb. zav. radiofiz. 9 no. 4:831-834 '66.

Shape and width of diamagnetic resonance lines in semiconductors and semimetals in a high magnetic field. G. B. Gurgenshiy, O. D. Chelshvili. Elektron. i ion. prots. v tver. tel. no. 2:106-107 '68.

Superconducting ternary-alloy solenoid for magnetic fields of over 75 kOer. V. V. Andrianov. Dokl. AN SSSR 189 no. 2:316-319 JI '66.

Thermodynamics of linear chains of spins in a transverse magnetic field. S. A. Pikhin, V. M. Tsukernik. Zhur. eksp. i teor. fiz. 50 no. 5:1377-1380 My '66.

MAGNETIC FIELDS (COSMIC PHYSICS)

Pochtarov, V. I. [Magnetism of earth and cosmic space] Magnetizm Zemli i kosmicheskogo prostranstva. Moskva, Nauka, 1983. 142 p. (Nauchno-popul'narnaia seriya)

MAGNETIC MATERIALS

Growing and some structural studies of single crystals of single-domain BiFeO_3 . I. U. IA, Tomashpol'skii and others. Izv. AN SSSR. Neorg. iont. 2 no. 4:707-711 Ap '66.

The magnetic permeability, electric conductivity, dielectric constant, and thermal conductivity of a medium containing spherical ellipsoidal inclusions. A. K. Voinberg. Dokl. AN SSSR 189 no. 3:543-546 JI '68.

"Plane" Hall effect in ferromagnetic metals. Yu. dzh. Ky. Zhur. eksp. i teor. fiz. 50 no. 5:1216-1225 My '66.

Scattering of slow neutrons on domain walls in a ferromagnet. I. G. Ratishvili. Elektron. i ion. prots. v tver. tel. no. 2:85-86 '68.

Stability of ferromagnetic dispersed sols. E. E. Bibik, I. S. Lavrov. Koll. zhur. 28 no. 3:326-327 My-Je '68.

MAGNETIC MEMORY (COMPUTERS)

Memory device for addressing products in sorting. M. V. Panchuk, V. V. Iankevich. Mekh. i avtom. proizv. 20 no. 7:41 JI '66.

MAGNETIC MOMENTS

Magnetic moments of particles in a quark model. E. M. Levin, L. L. Frankfurt. Ad. fiz. 3 no. 6:1135-1137 Je '68.

MAGNETIC PROSPECTING

Accuracy of the approximate calculation of a magnetic field from two-dimensional bodies. G. N. Konstantinov, M. L. Shermak. Geol. i geofiz. no. 4:125-128 '68.

Calculation of the optimum flight altitude in prospecting for stochlike ore bodies by the aeromagnetic method. D. I. Savrasov. Razved. ioka. nebr. 32 no. 4:45-48 Ap '68.

MAGNETIC RECORDERS AND RECORDING

Direction of the residual induction in a tape magnetized by a rotating field. A. A. Vrublovskii, I. I. Mednikova. Trudy VNAIZ no. 8:26-34 '61.

Magnetic recording tape based on fine-dispersed cobalt ferrite powder. A. S. Eliaurovich. Trudy VNAIZ no. 8:48-60 '61.

"Reporter-3" magnetic tape recorder. B. I. Cherniaev, P. G. Zon. Trudy VNAIZ no. 8:35-47 '61.

MAGNETIC SEPARATION OF ORES

Beneficiation of oxidized iron ores using the direct reduction and magnetic separation method. N. A. Chlnakal, F. A. Baryshnikov, O. F. Baryshnikov. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:120-123 '66.

MAGNETIC STORMS

Magnetotelluric perturbations correlating with anomalous absorption in polar cap. N. A. Katsalashvili, V. S. Matsaberidze, G. M. Khocholava. Nek. vop. issl. elektromag. pol. Zeml. no. 1:52-61 '65.

Results of studying characteristics of distribution of short-period oscillations inside geomagnetic storms. G. P. Berishvili, N. S. Khvedelidze, I. A. M. Gogalishvili. Nek. vop. issl. elektromag. pol. Zeml. no. 1:14-24 '65.

Some parameters of Sc type geomagnetic storms. N. B. Abuladze, G. M. Khocholava, D. S. Chikviani. Nek. vop. issl. elektromag. pol. Zeml. no. 1:46-51 '65.

MAGNETISM

Internal magnetic flux in a superconducting solenoid. V. V. Sychev, V. B. Zenkevich, V. V. Andrianov. Dokl. AN SSSR 168 no. 3:569-572 '66.

Magnetism of conductivity electrons in nontransition polyvalent metals. B. I. Verkin, I. V. Svechkarov, L. B. Kuz'micheva. Zhur. eksp. i teor. fiz. 50 no. 5: 1438-1444 My '66.

Unit for demagnetizing parts. V. F. Davydov. Biol. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 6:31-32 Je '66.

MAGNETISM, TERRESTRIAL

(see also subdivision under Kazakhstan; Siberia, Western; Tills region)

Diurnal variation of magnetic activity in middle latitudes. N. S. Khvedelidze, I. M. Zaslavskii, E. I. Khakhutashvili. Nek. vop. issl. elektromag. pol. Zeml. no. 1:37-45 '65.

Pochlaren, V. I. [Magnetism of earth and cosmic space] Magnetizm Zemli i kosmicheskogo prostranstva. Moskva, Nauka, 1968. 142 p. (Nauchno-popul'narnaya seriya)

Some characteristics of short-period oscillations of geomagnetic field. N. S. Khvedelidze, I. A. M. Gogalishvili. Nek. vop. issl. elektromag. pol. Zeml. no. 1:25-31 '65.

Using electric filters in recording short-period oscillations of magnetic field of earth. I. A. M. Gogalishvili. Nek. vop. issl. elektromag. pol. Zeml. no. 1:32-36 '65.

MAGNETIZATION—MEASUREMENT

Measuring magnetization in strongly polarized magnetic fields by the weight method. E. A. Zavadskii, N. I. A. Samarin, I. G. Fokidov. Fiz. met. i metallorod. 21 no. 3:683-689 My '66.

MAGNETO-OPTICAL EFFECT

Magneto-optical rotation in glasses. Kh. I. Gaprindashvili and others. Soob. AN Gruz. SSR 43 no. 1:83-88 '66.

MAGNETRONS—NOISE

Correlation of noises in magnetrons in preoscillatory mode of operation. M. I. Kuznetsov, I. A. I. Ablov, Izv. vys. ucheb. zav. i radiofiz. 9 no. 3:634-637 '65.

MAIAKOVSKI, VLADIMIR VLADIMIROVICH, 1894-1930 Zakharov, I. A. I. [Malakovskii in the newspapers] Malakovskii v gazetakh. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 63 p.

[MICROFILM]

MAIBORODA, PLATON ILARIONOVICH, 1918-

Horditchuk, M. M. [Platon Ilarionovich Maiboroda; an account of his life and works] Platon Ilarionovich Maiboroda; narys pro zhyt'ia i tvorchest'ia. Kyiv, Mystetstvo, 1964. 45 p.

(MI)

MAIKOVA, EKATERINA PAVLOVNA, 1836-1920

Chemena, O. M. [Creation of two novels: Goncharov and E. P. Maikova of the 1880's] Sozdanie dvukh romanov: Goncharov i shestidesiatnitsa E. P. Maikova. Moskva, Nauka, 1966. 158 p. (Nauchno-popul'narnaya seriya)

MAIL-ORDER BUSINESS

(see also subdivision under Leningrad)
Ways of developing the mail order trade. S. K. Kuzmukov, F. Pankratov. Sov. potrebn. koop. 10 no. 6:14-18 Je '65.

MAJOLICA

Lohvyn'ska, L. P., and O. R. Tyshchenko. [Majolica] Majolika. Kyiv, Mystetstvo, 1966. 123 p. illus. (Besidy pro monumental'ne ta dekorativno-prykładne mystetstvo)

MAL SECCO DISEASE OF CITRUS

Breeding lemon for resistance to mal secco disease. Sh. K. Goltadze. Subtrop. kul't. no. 1:68-73 '66.

MALAGASY LANGUAGE—DICTIONARIES—RUSSIAN

[Malagache-Russian dictionary. 21,000 words] Mal'gashsko-russkii slovar'. 21,000 slov. Sost. L. A. Korneev. Pod red. F. Rakutsona. S prilozheniem "Kratkogo ocherka grammatiki mal'gashskogo iazyka." sost. V. D. Arakiny. Moskva, Sovetskaya entsiklopediya, 1960. 646 p.

MALAGASY REPUBLIC—DESCRIPTION AND TRAVEL

On the distant islands (to be concluded). I. Kon. Nov. vrem. 24 no. 37:27-29 S '66.

MALEIC ANHYDRIDE

Stereochemistry of cyclic compounds. Report 66: Stereochemistry of oxidation by peracetic acid of the adduct of trans-1-vinyl-6-acetoxy-9-methyl-Δ¹-octalin with maleic anhydride. I. M. Mil'shtein, I. A. Gurvich, V. F. Kucherov. Izv. AN SSSR, Ser. khim. no. 7:1203-1209 '66.

MALI—DIPLOMATS

People and events: Sori Coulibaly. Nov. vrem. 24 no. 30: 9 S '66.

MALI—ISLAM AND POLITICS

We are Moslems and we are promoting socialism. Mubida Keita. Az. i Afr. seg. 10 no. 8:14 Ag '66.

MALONIC ACID

Reduction of some Aryl- and alkyl-α-methoxypropylmalonic esters by lithium aluminum hydride. O. S. Stepanova, Zh. I. Bezhadova. Dop. AN URSR no. 7:896-908 '66.

MALONONITRILE

Phosphorylation of dinitriles of alkylmalonic acids with phosphorus pentachloride. V. I. Shevchenko, P. P. Kornuta. Zhur. ob. khim. 36 no. 7:1254-1260 '66.

MAMEDZADE, SEIFALI MAMEDALI OGLY, 1907-1966

Seifali Mamedali Ogly Mamedzade; an obituary. Kh. A. Gasanov, S. F. Rafibelli, N. A. Gadzhiev. Azerb. med. zhur. 43 no. 5:85-86 My '66.

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAMMALS, FOSSIL see subdivision under Kharkov Province

MAMMARY GLANDS

Topography and quantitative changes in Ehrlich's mast cells of the mammary glands in dogs during various age periods, and in pregnancy and lactation. V. S. Nezhdanova. Sbor. nauch. trud. SOGMI no. 11:227-234 '64.

MAMMARY GLANDS—INNERVATION

Interceptive effects from the mammary gland on the secretory function of the stomach in lactating animals. K. T. Tashenov. Izv. AN Kazakh. SSR, Ser. biol. 4 no. 3:77-81 My-Je '66.

MAMMARY GLANDS—TUMORS

Autodiagnostic study of the life cycle of cells in spontaneous tumors of the mammary glands of mice with a different proliferation intensity. O. S. Frankfurt. TSitologiya 8 no. 3:370-378 My-Je '66.

Effect of parenteral injection of ribonucleoproteins from tissues of mice of low and high cancerous strains on spontaneous mammary gland tumors in mice of high cancerous strain A and C3H. D. K. Beliaev and others. Dokl. AN SSSR 169 no. 3:728-730 '66.

MAN—INFLUENCE ON NATURE

Utilization of hydrological observations on small watersheds and plots in studying the effect of agricultural practices on streamflow. V. V. Rakhmanov. Meteor. i gidrol. no. 7:34-40 '66.

MAN—MIGRATIONS see subdivision under Asia, Central

MAN, PREHISTORIC see subdivision under Vietnam

MANAGEMENT

Electrophysiological study of the solution of management problems by man. E. V. Voloshinova. Nauch. dokl. vys. shkoly; biol. nauki 0 no. 3:103-106 '66.

MANCHU LANGUAGE—GRAMMAR

A method of word formation in the Manchu language. I. I. Moroz. Nar. Az. i Afr. no. 4:203-206 '66.

MANGANESE FERRATES—THERMODYNAMICS

Determination of the thermodynamic properties of products of manganese ferrite reduction. V. I. Roschupkin, V. I. Lavrent'ev. Izv. AN SSSR, Neorg. mat. 2 no. 4:712-716 Ap '66.

MANGANESE ISOTOPES

Nuclear reaction yields of cyclotron produced Mn⁵⁴. N. N. Krasnov, N. P. Dmitriev. Atom. energ. 21 no. 1: 52-53 '66.

MANGANESE ORES see subdivision under Chhatra region (Georgia); Maritime Territory

MANGANESE SILICIDES

Phase diagram of the Mn-Si system in the region of higher manganese silicide. M. A. Morokhovets, E. I. Elagina, N. Kh. Abrikosov. Izv. AN SSSR, Neorg. mat. 2 no. 4:650-656 Ap '66.

MANGANESE STEEL—METALLOGRAPHY

Low-alloyed manganese steel steel with niobium. N. I. Sandler and others. Stal' 26 no. 0:540-543 Je '66.

MANGYSHLAK PENINSULA—OIL WELLS—TESTING

Using layer tenters in the investigation of multiphases in the Mangyshlak Peninsula. V. I. Matish, D. M. Ibragimov, V. N. Teyanov. Burenie no. 7:21-24 '65.

MANGYSHLAK PENINSULA—PALEONTOLOGY, STRATIGRAPHIC

Flora of Lower Permian flora in the Mangyshlak Peninsula and the age of conglomerates in the Permian. A. I. Leyenko. Dokl. AN SSSR 168 no. 2:40-43 '66.

MANIC-DEPRESSIVE PSYCHOSES

Acute depressive states with a vascular genesis in forensic psychiatry practice. V. V. Konstantinov. Izv. mendelevskikh. ekspert. no. 11:26-31 '66.

Characterization of course of circular schizophrenia in clinical structure of manic-depressive. A. S. Tiganov. Zhur. nevro. i psikh. 60 no. 0:1260-1267 '66.

Dynamics of a recurrent manic state with a pathologic origin. N. N. Rakhmanov. Pruk. mendelevskikh. ekspert. no. 11:50-55 '66.

MANIFOLDS (MATHEMATICS)

Integral geometry on manifolds of k-dimensional plane. I. M. Gelfand, M. I. Graev, Z. I. Shapiro. Dokl. AN SSSR 168 no. 6:1230-1236 Je '66.

Zero-manifolds of solutions to multidimensional second-order differential equations. A. I. Perov. Dokl. AN SSSR 168 no. 6:1254-1256 Je '66.

MANN, THOMAS, 1876-1955

Thomas Mann on the crisis of bourgeois culture. N. N. Ibragimov. Sov. muz. 30 no. 5:11-21 My '66.

MANTIDS see subdivision under Ukraine

MANUFACTURES

Perlina, E. K. [Function and shape of a manufactured object] Funktsiya i forma izdelia. Moskva, Obraz "Znamo" RSFSR, 1966. 30 p. (Tekhnicheskaya seriya)

Vserossiyskii tsentral'nyi nauch. potrobitel'skikh spetsializatsii. Upravlenie kadr. i uchebnykh razvedenii. [Study of industrial goods; test papers for fourth-year correspondence students of cooperative techniques specializing in "Study of industrial goods and food products," academic year 1965-1966] Tovarydenie promyshlennykh tovarov; kontrol'nye raboty dlia uchashchikhsya-zaochnikov IV kursa kooperativnykh tekhnicheskikh i ekonomicheskikh fakul'tetov. Moskva, 1965. 26 p.

[MICROFILM]

MANUFACTURES—ABSTRACTS

[Communal, household, and commercial equipment] Ref. zhur.: Kommun., byt. i torg. obor. no. 8 Je '66. [Light Industry] Ref. zhur.: Leg. prom. no. 7 Ji '66.

MANUSCRIPTS

Akademiya nauk SSSR. Biblioteka. [Materials on the papers on the collections of the Manuscripts and Rare Books Division of the Library of the Academy of Sciences of the U.S.S.R.] Materialy i svedeniya po fondam otдела rukopisei i redaktsii Biblioteki Akademii nauk SSSR. Moskva, Nauka, 1966. 204 p.

MANUSCRIPTS—CONSERVATION AND RESTORATION

"Hospital" for documentary materials. Sov. Arkh. no. 7:8-10 '66. Optical and photographic study and restoration of documents relating to the history of the peasant war led by Bolotnikov, D. P. Prutov. Ist. SSSR 10 no. 1:12-18 My-Je '66.

MANUSCRIPTS, GREEK (PAPYRI)

Lur'e, S. I. [Letter of a Greek boy] Pis'mo gretskogo mal'chika. Moskva, Detskaya literatura, 1965. 44 p. (Malen'kaya letopisnaya biblioteka)

MAPS—BIBLIOGRAPHY see Bibliography—Maps

MARBLE see subdivision under Baikal Lake region

MARINE CANAL SYSTEM see Volga-Baltic Sea Waterway

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES

Operation of the 6NVD-36 engines in the Lena Shipping Company. IU. Druzhinin. Rech. transp. 23 no. 1:24 '66.

Petrovskii, N. V. [Marine internal combustion engines and their operation] Sudovye dvigateli vnutrennego sgoraniia i ikh ekspluatatsiya. Izd. 3., perer. i dop. Moskva, Transport, 1966. 503 p.

MARINE DIESEL ENGINES—FUEL SYSTEM

Thermal treatment of precision parts of the diesel fuel system. S. I. Avnol', S. Dubinskii. Rech. transp. 23 no. 7:27 '66.

- MARINE DIESEL ENGINES—MAINTENANCE AND REPAIR**
Aleksandrov, A. M., and I. P. Korotevskii. [Establishing wear norms for principal engine parts of fishing boats] Normirovanie iznosov osnovnykh detalей dvigatelей rybopromyslovyykh sudov. Moskva, Pishchevaya promyshlennost', 1965, 133 p.
- MARINE ENGINEERING**
 Labor expenditure of the engine room crew of the steam-turbine-propelled ship "Transbalt." A. M. Goloviznin, L. G. Sobolev, P. A. Sakharov. Inform. sbor. TSNIIMF no. 154. Tekh. ekspl. mor. flota no. 47:55-59 '66.
Nechiporenko, V. A. [Calculation of the high-speed bearings of ship reduction gear] Raschet vysokoskorostnykh opor sudovyykh reduktorov. Leningrad, Sudostroenie, 1966, 148 p.
Nikolaev, V. N., I. V. Razumov, and N. N. Aleksandrov. [Control of the operation of marine power plants] Kontrol' raboty sudovyykh energeticheskikh ustanovok. Pod obshchey red. V. I. Nikolayeva. Leningrad, Sudostroenie.
 Pt. 2. [Control methods and apparatus] Metody i pribory kontrolla. 1966, 386 p.
 Operational tests and investigation of the power plant of the tanker "Mir." N. A. Rozhdestvenskii, D. S. Karandashov. Inform. sbor. TSNIIMF no. 154 Tekh. ekspl. mor. flota no. 47:3-44 '66.
Suevalov, L. F. [Self-adjusting systems in ship automation] Samonastroyivayushchiesya sistemy v sudovoi avtomatike. Leningrad, Sudostroenie, 1966, 235 p.
- MARINE ENGINEERING—TECHNOLOGICAL INNOVATIONS**
Loginov, S. P. [Technical progress in shipbuilding and the manufacture of ship machinery] Tekhnicheskii progress v sudostroenii i sudovom mashinostroenii. Leningrad, Sudostroenie, 1966, 151 p.
- MARINE SEDIMENTS** see subdivision under Kyzyl Kum; Ural Mountain region
- MARITIME LAW**
 (see also subdivision under Australia; Canada; France; Great Britain; Italy; Netherlands)
 Decisions of the Maritime Arbitration Commission. Sbor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:46-48 '66.
 From the practice of arbitration agencies in the examination of maritime disputes. K. I. Sedunov. Sbor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:11-21 '66.
 From the practice of the Arbitration Agency attached to the Council of Ministers of the R. S. F. S. R. Sbor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:42-44 '66.
 From the practice of the Arbitration Agency attached to the Council of Ministers of the U. S. S. R. Sbor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:41-42 '66.
 From the practice of the Arbitration Agency of the Ministry of the Merchant Marine. Sbor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:44-46 '66.
 The passage of sea vessels through the straits of Turkey. Sbor. mat. TSNIIMF no. 156. Mor. pravo i prak. no. 31:54 '66.
- MARITIME TERRITORY—CLAY—ANALYSIS**
 Mineralogical composition of lacustrine clays in Khanka-Ussuri Plain. V. K. Sokhin, L. K. Tsekava. Sbor. st. po geol. i gidrogeol. no. 5:58-64 '65.
- MARITIME TERRITORY—DRAGONFLIES**
 Seasonal development of the odonatological fauna in the southern Maritime Territory affected by monsoons. B. F. Belyshev. Izv. SO AN SSSR no. 4. Ser. biol. i med. nauk no. 1:120-128 '66.
- MARITIME TERRITORY—FISHING**
 People of great courage. G. Nedel'ko. Sov. radio i tel. 12 no. 10:32 O '63.
- MARITIME TERRITORY—IRON ORES**
 Origin of manganese-iron horizon in river terraces of lower part of Maritime Territory. V. K. Shevchenko. Sbor. st. po geol. i gidrogeol. no. 5:64-66 '65.
- MARITIME TERRITORY—LANDFORMS**
Nikonova, R. I. [Penuplains in the relief of the southern Maritime Territory] Poverkhnosti vyraivaniia v rel'efe Juznogo Primor'ia. Moskva, Nauka, 1966, 103 p.
- MARITIME TERRITORY—MANGANESE ORES**
 Origin of manganese-iron horizon in river terraces of lower part of Maritime Territory. V. K. Shevchenko. Sbor. st. po geol. i gidrogeol. no. 5:64-66 '65.
- MARITIME TERRITORY—MINERALS**
 Mineralogical composition of lacustrine clays in Khanka-Ussuri Plain. V. K. Sokhin, L. K. Tsekava. Sbor. st. po geol. i gidrogeol. no. 5:58-64 '65.
- MARITIME TERRITORY—MONSOONS**
 Seasonal development of the odonatological fauna in the southern Maritime Territory affected by monsoons. B. F. Belyshev. Izv. SO AN SSSR no. 4. Ser. biol. i med. nauk no. 1:120-128 '66.
- MARITIME TERRITORY—RADIOBROADCASTING**
 People of great courage. G. Nedel'ko. Sov. radio i tel. 12 no. 10:32 O '63.
- MARITIME TERRITORY—ROCKS, CRYSTALLINE AND METAMORPHIC**
 Some characteristics of igneous activity in the activation zones of the Asiatic sector of the Pacific fold belt; as revealed by a study made in the Maritime Territory. I. U. N. Rozmakhin. Dokl. AN SSSR 169 no. 1:192-194 JI '66.
- MARKETING—STATISTICS**
Fugacheva, A. A. [Statistics of supplying and selling materials and machinery] Statistika material'no-tekhnicheskogo snabzheniia i sybta. Moskva, Statistika, 1966, 222 p.
- MARKING DEVICES**
 Device for marking calculated length on samples. I. M. Kovalev, A. P. Pushkar'. Tekh. i org. proizv. no. 1:37-38 Ja-F '66.
- MARKOV PROCESSES**
 Asymptotic distribution of random variables bound in a Markov chain. O. M. Lytvynov. Dop. AN URSSR no. 7: 859-861 '66.
 Construction of a random functions generator for modeling diffusion-type Markov processes using analog computers. A. N. Kabanovskii, R. Sh. Liptser. Avtom. i telemek. no. 8:171-177 '66.
 Local structure of continuous Markov processes. A. V. Skorokhod. Dokl. AN SSSR 169 no. 1:36-41 JI '66.
 Markov processes with discontinuous drift and diffusion coefficients. M. L. Tal. Izv. vys. ucheb. zav. i radiofiz. 9 no. 4:747-756 '66.
 One-dimensional diffusion processes in variable regions and their equivalence to localized Wiener processes. I. D. Cherkasov. Izv. vys. ucheb. zav. i mat. no. 4: 130-149 '66.
 Time of reaching a given region in the case of a Markov chain with discrete intervention of chance. I. I. Iezhov. Dop. AN URSSR no. 7:851-854 '66.
- MARRIAGE CUSTOMS AND RITES**
 Give receipt for our gift, please. A. Kotsuba. Part. zhizn' no. 12:67 S '66.
- MARROW**
 Effect of chronic influence of small doses of ionizing radiation on the blood system of a growing organism. T. V. Fokina, L. A. Shapiro, L. M. Bospulov. Biol. ekspl. biol. i med. 62 no. 7:41-44 JI '66.
 Growth and reproduction of the endothelium of bone marrow sinusoids in tissue cultures. M. G. Shcherbakova. Biol. ekspl. biol. i med. 62 no. 7:89-93 JI '66.
 Methodology of obtaining preparations of hemopoietic cell chromosomes of dogs and the possibilities of its use for the identification of bone marrow chimeras. S. A. Khristalov. Biol. ekspl. biol. i med. 62 no. 7:124-126 JI '66.
 Study of the protective properties of dimethylsulfoxide in quick freezing of bone marrow cells to -76°C. M. M. Kapichnikov and others. Biol. ekspl. biol. i med. 61 no. 4:94-97 A '66.
- MARROW—BIOPSY**
 Methodology of direct detection of lupus erythematosus cells in marrow punctate. A. A. Krylov, T. G. Lognova. Lab. delo no. 8:451-452 '66.
- MARROW—TUMORS**
 Formol and thymol tests in differential diagnosis of myelomatosis. S. I. Agodkin. Sov. med. 29 no. 5: 121-124 My '66.
- MARSHALS (COURT OFFICIALS)**
 Marshal of the court. A. Kopestin. Sois. zakon. no. 5: 52-54 My '66.
- MARX, KARL, 1818-1883**
Serebrniakova, G. I. [Marx and Engels] Marks i Engel's. Moskva, Molodai gvardia, 1966, 879 p. (Zhizn' i mechatel'nykh ljudoi. Seria biografi, no. 4(421))
- MARY (TURKMENISTAN)—CONJUNCTIVITIS, GRANULAR—PREVENTION**
 Role of Mary trachoma dispensary in elimination of trachoma. M. E. Malikova. Trudy Turk. nauch. i issl. trakh. inst. 9:45-48 '66.
- MASALOV, NIKOLAI IVANOVICH**
Voroshilov, P. S. [Heroic feat in bronze] Podvig, otilyi v bronze (sl. Kemerovo) Kemerovskoe kulzhnos izd-vo, 1965, 36 p. (Ludi zemli Kuznetskoi) (MCC)
- MASERS**
 Increase of the length of the beam in masers with spaced resonators. A. F. Krupnov, V. A. Skvortsov. Izv. vys. ucheb. zav. i radiofiz. 9 no. 4:824-827 '66.
- Reorientation of molecules in a formaldehyde beam maser. A. F. Krupnov, V. A. Skvortsov. Izv. vys. ucheb. zav. i radiofiz. 9 no. 4:827-828 '66.
- MASS (PHYSICS)**
 A class of variation of masses. N. A. Shvayev. Izv. vys. ucheb. zav. i av. tekhn. 9 no. 2:34-37 '66.
- MASS SPECTROMETRY**
 Mass spectrometry of 8-nitrosoxazolizidines. I. U. V. Rozynov and others. Dokl. AN SSSR 169 no. 1:123-125 JI '66.
 Study of the behavior of impurities and addition agents at high-temperature sintering of tungsten using the mass spectral method of analysis. G. A. Aicerson and others. Izv. AN SSSR. Neorg. mat. 2 no. 4: 592-597 Ap '66.
- MASS TRANSFER**
Brounshtein, B. I., and A. S. Zhelezniak. [Physico-chemical principles of liquid extraction] Fiziko-khimicheskie osnovy zhidkostnoi ekstraktsii. Moskva, Khimiia, 1966, 317 p.
 Effect of the structure of solid adsorbents on the process of contact mass transfer in absorbing the bond of thermoplastic systems. L. S. Slobodkin, B. A. Larionov. Izv. fiz. zhur. 10 no. 6:789-793 '66.
 Hydrodynamics and mass exchange of a "live" gas jet with liquid. E. D. Khmelevskaya, Z. F. Chukhanov. Dokl. AN SSSR 169 no. 6:1307-1310 Je '66.
Vesolozhne sveshchande no teplo- i massobmennu. [Heat and mass transfer] Teplo- i massoperechenie. Pod obshchey red. A. V. Lykova i B. M. Smol'skogo. Minsk, Nauka i tekhnika.
 Vol. 1. [Convective heat transfer in homogeneous media] Konvektivnyi teplobmen v odnorodnoi srede. 1965, 315 p.
- MASSAGE**
Muglova, E. A. [Gymnastics and massage for infants] Gimnastika i massazh dlia detei rannego vozrasta. Moskva, Meditsina, 1966, 42 p. (Biblioteka srednego meditsinskogo) (DNLM)
 Reactions of the neuromuscular apparatus and the vascular system to the procedure of massage in diseases of the peripheral nervous system. A. V. Sirotkina. Trudy TSU 81:48-53 '65.
- MAST CELLS**
 Mast cells in the lymph nodes of rats and autoerythrocytopenia. G. V. Kovalevskii. Dokl. AN SSSR 169 no. 2:460-462 JI '66.
 Reaction of mast cells to adrenocorticotrophic and adrenocortical hormones. A. I. Bukhova. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:71-75 '66.
 Topography and quantitative changes in Ehrlich's mast cells of the mammary glands in dogs during various age periods, and in pregnancy and lactation. V. S. Nezhdanova. Sbor. nauch. trud. SOGMH no. 1:227-234 '64.
 Ultrastructure of mast cells. V. B. Potapova. Izv. SO AN SSSR no. 4. Ser. biol. i med. nauk no. 1:64-66 '66.
- MATERIALS—TESTING**
 Measurement of deformation and stress in samples at high temperature and alternating load. V. A. Strizhalo, V. G. Bazhenov. Mekh. i avtom. upr. no. 3:51-53 Mye '66.
- MATERIALS AT LOW TEMPERATURES**
 Characteristics of freezing and thawing of newly felled timber. V. G. Nesterenko. Der. prom. 15 no. 8:11-13 Ag '66.
- MATERIALS HANDLING—EQUIPMENT AND SUPPLIES**
Birukov, V. V. [Load lifting devices for piece freight] Gruzozakladyvnye prispособleniia dlia shuchnykh gruzov. Moskva, TSNIPI, 1965, 36 p. (Obzor inostrannykh izobretenii)
- MATHEMATICAL ECONOMICS** see Economics, Mathematical
- MATHEMATICAL MODELS**
Alabuzhev, P. M., and L. M. Mirkevich. [Fundamentals of similitude theory and modeling] Osnovy teorii podobliia i modelirovaniia. Novosibirsk, In-t gornogo dela, 1965, 83 p.
Chavchanidze, V. V., and O. I. Gal'man. [Modeling in science and technology; cybernetic aspects of modeling] Modelirovanie v nauke i tekhnike; kiberneticheskie aspekty modelirovaniia. Moskva, Znanie, 1966, 29 p. (Biblioteka "Filosofskie problemy tekhniki," no. 6)
 Mathematical model of a technological complex in the production of concentrated bitynol. I. A. Ibragimov, M. S. Meti. Izv. vys. ucheb. zav. i av. tekhn. i gaz 9 no. 3:98-104 '66.
 Some remarks on nonelementarily-axiomatized classes. S. R. Kogalovskii. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:54-60 '65.

MATHEMATICAL OPTIMIZATION

Determining the angles of drawing steel shapes. Kh.B. Grosman, V.G. Nagornyi. *Stal* 26 no. 5:566-568 Je '66.

Determining the parameters of operating parts of rotary bucket excavators. V.M. Vladimirov, G.T. Sitkarev, L.L. Khazantsev, Fiz.-tekh. probl. razrab. pol. iskop. no. 3:79-85 '66.

Esorov, K.V. [Optimal and self-tuning automatic systems] Optimal'nye i samonastroyivayushchiesya sistemy avtomatiki. Cheboksary, Chuvashskii gosizdat, 1965. 39 p.

Optimal processes with a delay. G.N. Serikov. *Izv. vuz. ucheb. zav.; mat.* no. 4:109-113 '66.

Optimization of nonlinear control systems in case when phase coordinates are bounded. V.F. Den'yanov. *Vest LGU* 21 no. 13:11-17 '66.

Problem of the optimization of processes in objects with closed cycles. B.A. Aref'ev. *Izv. vuz. ucheb. zav.; radiofiz.* 9 no. 4:817-823 '66.

Simple extremum systems of the self-oscillating type with an inertial object. N.N. Leonov. *Izv. vuz. ucheb. zav.; radiofiz.* 9 no. 4:799-809 '66.

MATHEMATICAL PHYSICS

Akademiya nauk URSS, Kiev. Institut matematiky. [Mathematical physics] Matematicheskaya fizika. Kiev, Naukova dumka, 1965. 156 p. (Respublikanskii mezhdunarodnyi sbornik) (NJP)

MATHEMATICAL STATISTICS

Analytical problem arising in statistics. V.P. Palamodov. *Dokl. AN SSSR* 168 no. 6:1251-1253 Je '66.

MATHEMATICS

Kiev. Universitet. [Collection of postgraduate papers; physics and mathematics] Zbirnyk naukovykh prats' aspirantiv; fizyko-matematicheskii nauky. [Kyiv] 1963. 178 p.

Kirov. Pedagogicheskii institut imeni V.I. Lenina. Fiziko-matematicheskii fakul'tet. [Transactions] Trudy. Kirov, 1964. 37 p.

Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Mathematics; program and abstracts of papers delivered from April 14 to May 14, 1965] Matematika; programma i tozisy dokladov, 14 aprеля-14 maja 1965 g. Leningrad, [1965] 37 p. (XVIII Gertsenovskie chteniya)

Ryachev, L.A. [Mathematics and semantics; nominalism as an interpretation of mathematics] Matematika i semantika; nominalizm kak interpretatsiya matematiki. Kiev, Naukova dumka, 1966. 77 p.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Likholelov, I.I., and I.P. Matekevich. [Textbook for solving problems in higher mathematics with the fundamentals of mathematical statistics and probability theory] Rukovodstvo k resheniyu zadach po vyssheii matematike s osnovami matematicheskoi statistiki i teorii veroyatnostei. Minsk, Vysshaya shkola, 1966. 428 p.

MATRICES

Estimates of the derivatives of Green's matrices for a parabolic boundary value problem in a half-space. S.D. Eidel'man, S.D. Ivashyashen. *Dop. AN URSS* no. 7:846-849 '66.

Gantmakher, F.R. [Theory of matrices] Teoriya matrits. Izd. 2., dop. Moskva, Nauka, 1966. 576 p.

The monotony principle in interpolation theory. D.L. Berman. *Dokl. AN SSSR* 169 no. 3:503-506 Ji '66.

MATTER

Askin, I.A.F. [Problem of time; its philosophical interpretation] Problema vremeni; ee filosofskoe istochnikovanie. Moskva, Mysl', 1966. 108 p.

Pereturin, A.F. [Unity of the attributes of matter] Edinstvo atributov materii. Moskva, Znaniye, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. Seriya 2; Filosofiya, no. 4) (MH)

MAXIMA AND MINIMA

Comments on some papers dealing with use of principle of maximum. V.S. Novoselov. *Vest LGU* 21 no. 13: 133-135 '66.

The Leninist theory of reflection and the extremal principles of physics. O.S. Razumovskii. *Uch. zap. MOPI* 141:135-168 '64.

Use of the graph theory in solving equations. G.V. Babikov. *Mat. zap. Ural. mal. ob-va UrGU* 5 no. 1:5-9 '65.

MAY DAY (LABOR HOLIDAY)

From illegal meetings on May Day to nationwide celebration. *Sov. arkh.* no. 3:54-55 '66.

Holiday of proletarian solidarity. S. Sutolskii. *Agitator* no. 8:3-7 Mr '64.

MAZUT

Determining the viscosity of mazuts at high temperatures. G.F. Lavrenko. *Inform. sbor. TSNIIMF* no. 154. *Tekh. eksp. mor. flota* no. 47:98-97 '66.

Evaluating the quality of water repeatedly used in the washing and separation of heavy fuels. L.V. Shcherbakova, R.M. Iukovich. *Inform. sbor. TSNIIMF* no. 154. *Tekh. eksp. mor. flota* no. 47:87-80 '66.

MEADOWS see Pastures and meadows

MEASLES

Cytological characteristics of inflammatory exudate in "skin windows" during measles. M.E. Marshaller. *Lab. delo.* no. 5:259-262 '66.

MEAT—STERILIZATION

Decontamination of conditionally acceptable meat in sterilizers of new types. Kh.S. Harahliad, V.M. Haidouski, S.A. Krasikan, *Vest AN BSSR. Sur. sel'hasp. nav.* no. 2:118-122 '66.

MEAT INDUSTRY

Increase the production and improve the quality of meat and dairy products. S. Antonov, *Sov. torg.* 30 no. 7:6-11 Ji '66.

MECHANICAL DRAWING—STUDY AND TEACHING

Botvinnikov, A.D. [Album of mechanical drawings for reading; a handbook for teachers] Album chertozhnoi dlya chteniya; posobie dlya uchiteloi. Moskva, Prosveshchenie, 1966. 215 p.

MECHANICAL ENGINEERING—CONGRESSES

Vsesoyuznoye soveshchaniye po osnovnym problemam teorii mashin i mekhanizmov, 2d, Moscow, 1966. [Transactions of All-Union Conference on Basic Problems of Theory of Machines and Mechanisms] Trudy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroyeniya i inzh.-ry. Vols. 2-4. 1966. 3 v. (ICRI)

MECHANICAL WEAR

Characteristics of wear of metal-polymer friction pairs. V.G. Kravchenko, G.A. Gorokhovskii, G.N. Dmitriuk. *Tekh. i org. protzv.* no. 1:23-25 Ja-F '66.

Criterion for the effective utilization of bits well bottoms. A.A. Turko. *Not. khiz.* 44 no. 6:1-6 Je '66.

A method of selecting high-quality hard-alloy plates for the reinforcement of boring bits. P.G. Chekulav, M.N. Kurdov, V.M. Gavrilin. *Vzryv. delo* no. 58/15: 210-219 '66.

Selecting methods of increasing the wear resistance of gear wheels in the gearbox of TDT-40M and TDT-55 skidding tractors. A.T. Radchenko. *Sbor. rab. NIITM* no. 11:34-69 '66.

Some studies on the wear of hard-alloy boring bits. G.A. Sovetov, A.M. Chuvilin. *Vzryv. delo* no. 58/15: 178-180 '66.

Strength tests of cutting tools. V.L. Dolgov. *Vzryv. delo* no. 58/15:204-210 '66.

MECHANICS

How quantum mechanics can help to understand conclusions of classical mechanics. P. Paradosov. *Usp. fiz. nauk* 80 no. 4:707-709 Ag '66.

Larmitski, A.G. [Theoretical mechanics] Teoreticheskaya mekhanika. [Kiev, Tekhnika, 1966] 164 p. (Tekhnicheskaya mekhanika; dlya shkol masterov)

Recent experiments in composition of mechanical oscillations and in mechanical resonance. I.A. E. Ametislayevskii, A.S. Mamakov. *Usp. fiz. nauk* 80 no. 4:710-714 Ag '66.

Some estimates of coefficients of equations describing perturbed motion of body containing liquid. I.G. Gataulin, V.I. Stolbov. *Mekh. tver. tela* no. 3:40-40 My-Je '66.

Some problems concerning stability of solid body with liquid filler. S.V. Cherenovskiy. *Mekh. tver. tela* no. 3:38-39 My-Je '66.

MECHANICS—ABSTRACTS

[Mechanics] Ref. zhur.: Mekh. Avtorskii ukazatel' za 1965 g.

MECHANICS—CONGRESSES

Seminary held at Institute of Mechanical Problems of Academy of Sciences of U.S.S.R. Mekh. tver. tela no. 3:168-208 My-Je '66.

MECHANICS, APPLIED

Determination of the mean settling rate of an engineering structure. V.F. Chernikov. *Trudy NIIGAik* 18 no. 1:81-84 '64.

Levinson, L.E. [Fundamentals of technical mechanics] Osnovy tekhnicheskoi mekhaniki. Izd. 4., perer. i dop. Pod red. A.E. Kobrinskogo. Moskva, Vysshaya shkola, 1966. 359 p.

[Technical mechanics] Tekhnicheskaya mekhanika. [4. izd., perer.] Leningrad, Sudostroenie. Pt. 1. Movnin, M.S., and A.B. Izraelit. [Theoretical mechanics] Teoreticheskaya mekhanika. 1966. 359 p.

Pt. 2. Mitin, A.N., M.S. Movnin, and A.B. Izraelit. [Strength of materials] Proportionalnye materialov. 1966. 363 p.

MECHANISMS

Gudushauri, E.G. [Trajectories of five-link hinged mechanisms] Traektorii plitkovykh sharnirnykh mekhanizmov. Tbilisi, Gos. izd-vo "Tsodna" M-vu kultury Gruzinskoi SSR, 1963. 53 p.

[MICROFILM]

Sergeev, I.V. [Theory of mechanisms and machines] Teoriya mekhanizmov i mashin. Moskva, Vsesoyuznyi in-t tekhnicheskoi i legkoj promyshl. Pt. 2. [Dynamics of mechanisms] Dinamika mekhanizmov. 1965. 103 p.

MECHANIZATION

Some statistical indices of the level of mechanization. L.A. Shafarukhin. *Vest LGU* 21 no. 11:40-54 '66.

MECHNIKOV, IL'YA IL'ICH, 1845-1910

Development of I.I. Mechnikov's ideas at the Pasteur Institute in Paris on the 50th anniversary of I.I. Mechnikov's death. I.S. Freidlin. *Zhurn. mikrobiol. i epid. i immunit.* 43 no. 7:146-148 Ji '66.

I.I. Mechnikov's scientific activity at the Pasteur Institute in Paris. M.N. Lobodova. *Zhurn. mikrobiol. i epid. i immunit.* 43 no. 7:148-150 Ji '66.

MEDICAL AND PHARMACEUTICAL CHEMISTRY see Chemistry, Medical and pharmaceutical

MEDICAL BOTANY see Botany, Medical

MEDICAL COLLEGES see subdivisions under Khat'v

MEDICAL ETHICS

Nikitina, E.V. [Some problems of medical ethics in light of moral code of builder of communism; essays for students of medical institutes] Nekotoryye voprosy vrachebnoi etiki v svete moral'nogo kodeksa stroitelia kommunizma; ocherki dlya studentov meditsinskikh institutov. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1965. 80 p.

[MICROFILM]

MEDICAL GEOGRAPHY—ABSTRACTS

[Medical geography] Ref. zhur.: Med. geogr. no. 7 Ji '64.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Apparatus used in the measurement of fluid and automatic determination of Friedmann's index. V.H. Guter. *Ortop. i travn. i protoz.* 27 no. 5:71-73 My '66.

Device used to determine the position of the shoulder girdle, the pelvis, and the degree of forearm flexion in scoliosis. A.P. Kaptepin. *Ortop. i travn. i protoz.* 27 no. 5:70-71 My '66.

Modification of the needle used in intraosseous infusion. S.P. Pakhomov. *Ortop. i travn. i protoz.* 27 no. 5:74-75 '66.

Thermal unit for artificial hypothermia, chiefly for the decrease of cerebral temperature. V.A. Kravtsov. *Blud. eksp. biol. i med.* 61 no. 4:124-126 Ap '62.

MEDICAL JURISPRUDENCE

Changes in blood in region of liver mortis following violent and sudden death. S.N. Bakulev. *Sud.-med. eksp.* 9 no. 3:3-6 Ji-S '66.

Concept of puberty. P.P. Osipov. *Sud.-med. eksp.* 9 no. 3:20-31 Ji-S '66.

Erroneous diagnosis of schizophrenia combined with characteristics of simulated behavior. A.T. Shchegolev. *Prak. sudobno-psikh. ekspert.* no. 11:11-10 '66.

Forensic medical characteristics of fatal trauma on narrow-gauge railroads. L.P. Andrianov. *Sud.-med. eksp.* 0 no. 3:16-18 Ji-S '66.

Forensic medical characteristics of spinal lesions. S.T. Dzhigova. B.S. Kabakov. *Sud.-med. eksp.* 0 no. 3: 7-12 Ji-S '66.

Possibilities of forensic medical expert evidence in the investigation of automotive transportation accidents. A.A. Matyayev. *Sud.-med. eksp.* 0 no. 3:12-15 Ji-S '66.

Prevention of socially dangerous actions by schizoparanoics because of delirious motives. E.V. Ivanovskii. *Sud.-med. eksp.* 0 no. 3:47-52 Ji-S '66.

Rapozhnikov, I.U.S. [Memoirs of a forensic medic] Vospominaniya sudobnogo medika. Kiev, Zdorov'ya, 1965. 349 p.

MEDICAL LABORATORIES

Laboratory examinations in therapeutic institutions. T.A. Demchenko. *Lab. delo* no. 8:511-512 '66.

MEDICAL LAWS AND REGULATION see subdivisions under Bashkiria

MEDICAL MICROBIOLOGY

Blitkin, S.A. [Intrusion into the secrets of the microcosm] Vtorzhenie v tajny mikrokosmosa. Moskva, Znaniye, 1966. 63 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriya; Biologiya i meditsina, no. 11)

Comparative study of the biological activity of some microbial polysaccharides. G.E. Valdeborg. *Blud. eksp. biol. i med.* 61 no. 4:39-41 Ap '66.

Klemarskaya, N.N., and G.A. Shal'nova. [Symbiotic microbial flora as an indicator of radiation lesions of the body] Avtoflora kak indikator radiatsionnoy porazheniya organizma. Moskva, Meditsina, 1966. 206 p. (DNLM)

MEDICAL MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Medical microbiology

MEDICAL MICROBIOLOGY—CULTURES AND CULTURE MEDIA

Use of concentrated complex preparations of proteolytic enzymes for obtaining casein media. I. N. Vinogradova. Zhur. mikrobiol., epid. i immun. 43 no. 7:142-143 JI '66.

Use of physicochemical indices as a test of casein homogeneity in the preparation of culture media. I. N. Vinogradova, O. G. Kotova, L. A. Tret'yakova. Zhur. mikrobiol., epid. i immun. 43 no. 8:144-145 Ag '66.

MEDICAL MICROBIOLOGY—EQUIPMENT AND SUPPLIES

Use of Bobrov's apparatus for taking blood and for the preparation and spreading of blood medium in the cultivation of Mycobacterium tuberculosis using the micro-method. N. F. Bihik. Lab. delo no. 8:504-505 '66.

MEDICAL MICROBIOLOGY—TECHNIQUE

Device for group sowing of bacteria for the determination of lysogenicity and colicinogenicity. P. I. Emel'yanov. Lab. delo. no. 5:300-311 '66.

Use of high-voltage microelectrophoresis in agar for studying the fractional and antigenic composition of bacterial toxins and antitoxins. I. U. B. Volgin, V. S. Tsvetkov. Lab. delo. no. 5:301-304 '66.

Use of methanolsulfite agar for the detection of Candida in human excretions and on objects of external environment. G. N. Chistovich and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:99-103 Ag '66.

Use of the fluorescent serological method for the determination of infection of the Trombiculidae mites with Rickettsia tsutsugamushi. L. V. Miroslubova, N. I. Kudrinskaya, I. V. Tarasovich. Zhur. mikrobiol., epid. i immun. 43 no. 7:36-39 JI '66.

Using the reaction of diffusion precipitation in gel for differential diagnosis of the plague microbe. L. A. Timofeeva, L. P. Mironova. Zhur. mikrobiol., epid. i immun. 43 no. 7:145 JI '66.

MEDICAL RESEARCH

(see also subdivision under Kharkov)

Tsaregorodov, G. I., ed. [Methodological problems of modern medicine]. Metodicheskie problemy sovremennoy meditsiny. Moskva, Meditsina, 1965. 277 p. (DNLM)

MEDICAL SCREENING see subdivision under Novozhivotnoye (Voronezh Province)

MEDICAL SOCIETIES

Report on the work of the societies of traumatologists and orthopedists for January 1966. S. T. Zaitsepin. Ortop., travm. i protez. 27 no. 5:91-95 My '66.

MEDICAL STATISTICS

Review of the state of forensic psychiatric expertise and mandatory treatment in the U.S.S.R. based on reports of psychoneurological institutions for 1963. S. V. Torubarov, B. M. Khlobochkovskaya. Prak. sudobno-psikh. eksp. no. 11:112-120 '66.

MEDICAL TESTS

Abstracts and brief information. D. M. Bogopol'skaya. Lab. delo. no. 5:312-313 '66.

Electrometric evaluation of the amount of air in a volume unit of the functioning lung. B. I. Mazhlich. Biol. eksp. biol. i med. 62 no. 7:116-117 JI '66.

MEDICINE

Brief reports. A. P. Lebedev and others. Sov. med. 20 no. 5:141-151 My '66.

Moscow (Province) Oblastnoi nauchno-issledovatel'skii klinicheskii institut. [Current problems of practical medicine; conference of young scientists, February 17, 1964]. Aktual'nye voprosy prakticheskoi meditsiny; konferentsia molodykh uchenykh, 17 fevralia 1964 goda. Moskva, 1964. 106 p. (DNLM)

Vsesoyuznoe nauchnoe istoriko-meditsinskoe obshchestvo. [Transactions of All-Union Historical Medical Society]. Trudy. Moskva, Meditsina, 1966. 183 p.

MEDICINE—ABSTRACTS

[Medical abstracts] Med. ref. zhur. sect. 3 vol. 10 no. 8 Je '66, Sect. 4 vol. 10 no. 8 Je '66, Sect. 5 vol. 10 no. 8 Je '66, Sect. 6 vol. 10 no. 8 Je '66, Sect. 7 vol. 10 no. 8 Je '66, Sect. 8 vol. 10 no. 8 Je '66, Sect. 9 vol. 10 no. 8 Je '66, Sect. 10 vol. 10 no. 8 Je '66, Sect. 12 vol. 10 no. 7 JI '66.

Short reports. N. B. Ginzburg and others. Sov. med. 20 no. 7:150-155 JI '66.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES

Alma-Ata. Meditsinskii institut. [Scientific conference summarizing research; abridged reports] Ito govala nauchnaia konferentsiia; tezisy dokladov. Alma-Ata [195-?]. (DNLM)

MEDICINE, INDUSTRIAL

Qualitative reactions in the diagnosis of poisonings with some industrial liquids. M. T. Tsupikov, A. I. Grigor'enko. Lab. delo no. 8:481-483 '66.

MEDICINE, MILITARY

Our physician. V. Zhirkov. Av. i kosm. no. 6:50-60 Ag '66.

MEDICINE IN SPORTS see Sports medicine

MEDULLA OBLONGATA

Functional organization of the bulbar respiratory center. A. V. Val'dman, Ma Ch'uan-k'eng. Fiziol. zhur. 50 no. 7:793-802 JI '64.

MELTING POINTS

Tin-sulfur melting diagram. M. I. Karakhanova, A. S. Pashinkin, A. V. Novoselova. Izv. AN SSSR, Neorg. mat. 2 no. 6:991-998 Je '66.

MEMBRANES (CHEMISTRY)

Some electrochemical properties of glass membranes in fused media. H. A. Kolotil, I. U. K. Dalmirskiy, Dep. AN URSSR no. 7:899-902 '66.

MEMORY

Recent studies on short-term memory. D. E. Broadbent. Vop. psikh. 12 no. 3:40-53 My-Je '66.

Some data on the electrical activity of the deep structures of the brain in the study of operative memory. N. P. Bekhtereva, A. I. Trokhachev. Vop. psikh. 12 no. 3:44-48 My-Je '66.

MENSURATION

Nesterikhin, I. U. E., and R. I. Solonikhin. [Methods of high-velocity measurements in gas dynamics and plasma physics; special course for students of Novosibirsk State University] Metody skrostonnykh izmerenii v gazodinamike i fizike plazmy; spetskurs dlia studentov NGU. Novosibirsk, Novosibirskii gos. univ., 1965. 127 p.

MENSURATION—ABSTRACTS

[Mensuration and measurement techniques] Ref. zhur.: Metr. i izm. tekhn. no. 6 Je '66.

MENTAL DEPRESSION see Depression, Mental

MENTAL DISEASES see Psychoses

MENTAL HYGIENE

Tsirkul'skii, B. I. A. [To keep the nerves strong] Chitoby nervy byli krepkimi. Moskva, Znaniia, 1966. 60 p. (Narodnyi universitet: Fakul'tet zdorov'ia, no. 12)

MENTAL ILLNESS

(see also subdivision under Psychiatry)
Diagnostic significance of Black's test in mental patients. M. L. Averbukh and others. Lab. delo. no. 5:289-291 '66.

MENTHADIENE

Hydrogenation of m-mentha-1,3(8)-diene by calcium hexammoniate. I. I. Baryshov, E. N. Mmukov. Dokl. AN BSSR 10 no. 7:468-471 JI '66.

MERCANTILE BUILDINGS—DESIGN AND CONSTRUCTION

(see also subdivision under Penza Province)

Supply rural trade with good material and technical foundation. M. Deniaev. Sov. potreb. koop. 10 no. 6:5-9 Je '66.

MERCAPTO GROUP

Sulphydryl groups and the activity of transketolase of baker's yeast. G. A. Kochetov, G. F. Iatovskaya. Dokl. AN SSSR 168 no. 5:1202-1204 Je '66.

MERCHANT MARINE see subdivision under Black Sea; Cuba

MERCHANT SEAMEN—LEGAL STATUS, LAWS, ETC.

The international labor code of seamen. Short. mat. TSNIMF no. 156. Mor. pravo i prak. no. 31:66-68 '66.

MERCHANT SHIPS—FOOD SERVICE

For improved food service of tourist-passengers. G. Zastenker. Hoch. transp. 26 no. 7:52 '66.

MERCURY

Extraction of mercury from nitric acid solutions by means of monocarboxylic acids of the C₇-C₉ fraction. I. N. Plakain, Z. A. Anisimova. Dokl. AN SSSR 169 no. 1:120-122 JI '66.

Mechanism of mercury extraction with oxygen-containing organic solvents. I. N. Plakain, Z. A. Anisimova. Dokl. AN SSSR 168 no. 8:1331-1334 Je '66.

MERCURY COMPOUNDS

Acylation of mercurized acetic acid esters. I. F. Lat'senko, V. L. Foss, A. N. Nesmelanov. Dokl. AN SSSR 169 no. 1:117-119 JI '66.

MERCURY ORES

(see also subdivision under Caucasus, Northern; Chukotka Peninsula; Yakutia)

Sorbed mercury ores over buried mercury deposits. V. Z. Fursov, I. I. Stepanov. Dokl. AN SSSR 168 no. 2:418-419 JI '66.

MERCURY ORGANIC COMPOUNDS see Organic-mercury compounds

MERCURY SALTS

Decarboxylation of mercury salts of organic acids under the effect of peroxides and ultraviolet light. I. A. O'zbekov, N. A. Mader. Izv. AN SSSR, Ser. khim. no. 7:1171-1177 '66.

MESENTERY

Electrophysiological analysis of nerve connections of ileocecal intestine region with sacral region of spinal cord and role of intermesenteric tract. E. G. Dadulisa. Dokl. AN BSSR 10 no. 7:510-512 JI '66.

MESHCHERA—DRAINAGE

Mesheera will become fertile. I. U. Filatov. Sov. prof. sel'sk. 22 no. 141-153 JI '66.

MESHCHERA—PINE

Pine forests of Mesheera. T. V. Byleeva. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:65-62 My-Apr '66.

MESONS

Angular distribution of high-energy neutrons emitted in the absorption of polarized μ^- -mesons in calcium. V. S. Ryazev and others. IAd. fiz. 4 no. 2:342-356 Ag '66.

Catalysis by negative muons of the nuclear reactions $d + p \rightarrow He^3 + \mu^-$ and $d + d \rightarrow p + t + \mu^-$ and the formation of $p\mu$ and $d\mu$ molecules in gaseous hydrogen. V. P. Dzhelepov and others. Zhur. eksp. i teor. fiz. 50 no. 5:1235-1251 My '66.

Isoscalar amplitudes of pion photoproduction on nucleons in the S-state. B. N. Gvorkov, S. P. Denisov, E. V. Minarik. IAd. fiz. 4 no. 2:371-379 Ag '66.

The Lagrangian and Hamiltonian for vector electrodynamics in the Heisenberg representation. A. A. Slavnov, A. D. Sukhanov. IAd. fiz. 4 no. 2:425-431 Ag '66.

-Meson photoproduction at high energies. E. D. Zhizhin, V. D. Mur, I. U. P. Nikitin. IAd. fiz. 3 no. 6:1161-1166 Je '66.

π -Meson production in pp-collisions at 655 Mev. and the determination of absorption coefficients. V. G. Vovchenko. IAd. fiz. 3 no. 6:1101-1106 Je '66.

Production of an intermediate boson in the reaction $e^+e^- \rightarrow W^+ + \mu^- + \bar{\nu}_\mu$. S. M. Darbinian, I. U. G. Shukri-nazarian. IAd. fiz. 3 no. 6:1079-1082 Je '66.

Remark on SU(6)_c symmetry. O. G. Dokov. IAd. fiz. 4 no. 2:391-394 Ag '66.

Resonance generation at high energies and some singularities in the complex η -plane. A. B. Kaidalov, B. M. Karimov. IAd. fiz. 3 no. 6:1119-1126 Je '66.

MESONS—DECAY

Possible effects of violation of CP-invariance in radiative decay of neutral K-mesons. A. D. Dolgov, L. A. Ponomarev. IAd. fiz. 4 no. 2:367-370 Ag '66.

Radiative decay of vector mesons in SU(6)-symmetry. M. P. Rekalo. IAd. fiz. 4 no. 2:387-390 Ag '66.

Search for new decay schemes of the K⁰-meson. M. Anikina and others. IAd. fiz. 4 no. 2:380-384 Ag '66.

MESONS—SCATTERING

Effect of π -interaction on the electromagnetic structure of the nucleon. A. I. Lendel and others. IAd. fiz. 3 no. 6:1093-1100 Je '66.

A soluble model for the forward scattering amplitude. D. V. Shirkov. IAd. fiz. 3 no. 6:1149-1153 Je '66.

The triangular diagram and the determination of the π -meson scattering amplitude at low energies. V. V. Anisovich, E. M. Levin, L. N. Lipatov. IAd. fiz. 3 no. 6:1107-1110 Je '66.

METABOLISM

Metabolism in systematic athletic training. O. D. Zhovnovata. Fiziol. zhur. [Ukr.] 12 no. 4:534-538 JI-Ag '66.

METAL BUILDING see Building, Metal

METAL CASTINGS—CORROSION

Effect of protective coatings on the properties of reinforced castings. M. L. Zaslavskii, Zashch. met. 2 no. 3:365-367 My-Je '66.

METAL CLEANING

Removing scale from metals with sodium hydride. L. N. Zolotareva, E. P. Iakubovskaya. Tekhn. i org. protzv. no. 1:60-62 Ja-F '66.

METAL CRYSTALS

Forming of a domain structure in silicon iron crystals. I. U. N. Dragomanskii, I. A. S. Shar. Fiz. met. i metalloved. 21 no. 5:676-687 My '66.

METAL CRYSTALS—GROWTH

Growing single crystals of zinc and bismuth with a given shape and crystallographic orientation. E. F. Lavrent'ev, V. P. Soldatov, I. U. G. Kazarov. Fiz. met. i metalloved. 21 no. 5:793-795 My '66.

Relaxation properties of copper-iron whisker crystals. V. S. Podnikov and others. Fiz. met. i metalloved. 21 no. 5:770-773 My '66.

- METAL CRYSTALS, EFFECT OF TEMPERATURE ON**
Studying recovery during annealing of neutron irradiated single crystals of Al, Cu, and Mo. S. T. Borimskaya, L. N. Larikov, N. P. Plomikova. *Fiz. met. i metalloved.* 21 no. 5:797-799 My '66.
- METAL CUTTING**
Iakovtsev, A. D. [Machining on planing and slotting machines] *Rabota na strogal'nykh i dolbeznykh stankakh.* Moskva, Vysshaya shkola, 1966. 287 p.
Increasing the precision of part machining. V. A. Timiriazov, V. G. Mitrofanov. *Biul. tekhn. ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform.* 19 no. 6: 18-19 Je '66.
Investigating the process of cutting with a vibrating cutting tool. A. L. Voronov. *Trudy Ufim. av. inst.* no. 2: 143-153 '66.
- METAL CUTTING—THERMODYNAMICS**
Belousov, A. I., and others. [Thermal phenomena and machinability of aircraft materials] *Teplovoe iavleniye i obrabatyvaemost' rezaniem aviatsionnykh materialov.* Moskva, Mashinostroenie, 1966. 178 p. (Moscow, Aviatsonnyi tekhnologicheskii institut. Trudy, no. 64)
- METAL-CUTTING TOOLS**
Pillinski, V. I., and others. [Mechanization of cutting-tool grinding] *Mekhanizatsiya zatochki reztsov.* Pod red. A. N. Reznikova. [Kulbyshev] Kulbyshevskoe knizhnoe izd-vo, 1965. 108 p.
- METAL DRAWING** see Drawing (Metalwork)
- METAL POWDERS—PERMEABILITY**
Uniform permeability of porous metals. S. A. Druzhinin. *Porosh. met.* 6 no. 7:97-101 J1 '66.
- METAL POWDERS—TESTING**
Interconnection between the electromagnetic and physicochemical properties of powder iron carbonyls. V. G. Syrkyn, I. S. Tolmashchik, A. A. Petrova. *Porosh. met.* 6 no. 7:38-44 J1 '66.
- METAL SPRAYING**
Vacuum metallizing of polymer powders. Their preparation, and thermomechanical and electric properties. V. B. Chernogorenko. *Porosh. met.* 6 no. 7:15-21 J1 '66.
- METALLIC FILMS**
Determining the direction of crystal growth in scale in the early stages of metal oxidation. D. I. Lainer and others. *Fiz. met. i metalloved.* 21 no. 5:713-720 My '66.
- METALLIC FILMS—MAGNETIC PROPERTIES**
Irreversible processes in films with important changes in the direction of the easy magnetization axis. G. M. Rodichev, V. N. Presnetsov, P. D. Kim. *Fiz. met. i metalloved.* 21 no. 5:791-793 My '66.
- METALLIC OXIDES**
Interaction of MoO_3 and Fe_2O_3 with carbon. V. P. Eliutin, I. A. Pavlov, V. P. Polakov. *Izv. vys. ucheb. zav.; khim. met.* 9 no. 7:6-11 '66.
Photochemical evolution of oxygen in aqueous solutions of iron oxide; sensitization by tungsten, titanium and zinc oxides. A. A. Krasnovskii, G. P. Brin. *Dokl. AN SSSR* 168 no. 5:1100-1103 Je '66.
Rate of dissolution of oxides in liquid silicates. V. G. Kovalenko, I. U. P. Nikitin, V. I. Kriuk. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1151-1153 Je '66.
Subsolidus structure of the systems $\text{CaO} - \text{MgO} - \text{Cr}_2\text{O}_3 - \text{Al}_2\text{O}_3$, $\text{CaO} - \text{MgO} - \text{Cr}_2\text{O}_3 - \text{SiO}_2$, and $\text{CaO} - \text{Cr}_2\text{O}_3 - \text{Al}_2\text{O}_3 - \text{SiO}_2$. A. S. Bereznoi, N. V. Gul'ko. *Dokl. AN SSSR* 169 no. 3:636-638 J1 '66.
- METALLO-ORGANIC COMPOUNDS** see Organo-metallic compounds
- METALLURGIC CHEMISTRY** see Chemistry, Metallurgical
- METALLURGICAL FURNACES**
Use in foreign countries of chamber, drum, and conveyor furnaces for powder metallurgy. G. L. Fridman. *Porosh. met.* 6 no. 7:89-92 J1 '66.
- METALLURGICAL FURNACES—FLUID MODELS**
Certain problems of the aerodynamics of a direct flow vortex melting chamber. V. V. Shelud'ko. *Izv. vys. ucheb. zav.; khim. met.* 9 no. 7:180-183 '66.
- METALLURGIS**
Skilled workers in flame processes. D. Smolarenko. *NTO* 8 no. 6:52-54 Je '66.
- METALLURGY** see subdivision under Armenia; Ural Mountains
- METALS**
Effect of the nature of mineral acids on the desorption of metal cations from woodpulp materials. O. K. Zav'ya-lova. V. I. Iur'ev. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 3:134-138 '66.
- METALS—FATIGUE**
Bending vibrations of samples being tested for fatigue on vibrating equipment. I. A. Shipilov, O. T. Sidorov, V. I. Fateev. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3: 69-75 '66.
- METALS—FINISHING**
Changes in residual stresses of heat and mechanically treated parts in the process of vibration tumbling. A. P. Babichev and others. *Shor. rab. NIIM* no. 11: 220-226 '65.
- METALS—SPECTRA**
Using methods of spectrum analysis to determine the metal content of lubricating oils and fuels. L. L. Kamenskaya. *Inform. sbor. TSNIMF* no. 154 'Tekh. ekapl. mor. flota no. 47:90-95 '66.
- METALS—TESTING**
Equipment for the dynamic testing of metals and alloys in organic heat carriers at high pressures and temperatures. I. U. F. Bychov, N. D. Laptev, A. N. Rozanov. *Met. i metalloved. chist. met.* no. 5:199-203 '66.
- METALS, EFFECT OF TEMPERATURE ON**
Experimental investigation of the effect of the temperature gradient on hydrogen distribution in zirconium. V. S. Emelev and others. *Met. i metalloved. chist. met.* no. 5:12-21 '66.
- METALS, RARE AND MINOR**
Dusev, A. I., V. G. Tiptova, and V. M. Ivanov. [Laboratory manual on the analytical chemistry of rare elements] *Prakticheskoe rukovodstvo po analiticheskoi khimii redkikh elementov.* Moskva, Khimika, 1966. 409 p.
- METALS, RARE AND MINOR—CONGRESSES**
Respublikanskoe soveshchaniye po primeneniyu redkikh metallov v promyshlennosti. Minsk, 1965. [Problems of use of rare metals in silicate industry; reports] *Voprosy primeneniya redkikh metallov v silikatnoi promyshlennosti; [doklady].* Pod red. N. N. Ermolenko. Minsk, Vysshaya shkola, 1964. 80 p.
- METALS AT HIGH TEMPERATURES—TESTING**
Equipment for measuring hot hardness by hydrostatic methods. I. U. G. Godin and others. *Met. i metalloved. chist. met.* no. 5:189-198 '66.
- METALS AT LOW TEMPERATURES**
Characteristics of the temperature dependence of the electric resistance of dysprosium at low temperatures. N. V. Volkenshtein and others. *Fiz. met. i metalloved.* 21 no. 5:674-677 My '66.
Studying the characteristics of strength and plasticity of ceramic metal materials in the low temperature region. I. M. Storozhevskii, N. A. Filatova. *Porosh. met.* 6 no. 7:69-72 J1 '66.
- METALWORK—STORAGE**
Mechanized storehouse for semifinished products for a bank of shops of metal structure components. N. I. Ryzhkov, V. V. Speshkov. *Svar. protzv.* no. 6:21-23 Je '66.
- METAMORPHISM (GEOLOGY)**
(see also subdivision under Chapa Valley, Krasnoyarsk Territory; Kuznetsk Basin; Pamirs; Sayan Mountains)
Types of metamorphic belts in fold regions. B. I. A. Khoreva. *Dokl. AN SSSR* 169 no. 1:199-199 J1 '66.
- METAMORPHISM (GEOLOGY)—MAPS**
Dobretsov, N. L., and others. [Facies of the regional metamorphism of the U.S.S.R.; explanatory note to the "Map of metamorphic facies of the U.S.S.R.," on a scale of 1:7,500,000] *Tsitatsional'nogo metamorfizma SSSR; ob"iasnitel'naya zapiska k "Karte metamorficheskikh tsitatsional'nykh zonen SSSR."* Masshtab 1:7,500,000. Novosibirsk, Izd-vo "Nauka" Sibirskoe otd-nto, 1966. 63 p.
- METAMORPHOSIS**
Larva and metamorphosis of *Cristatella mucedo* (Cuv.). A. G. Knorre. *Zool. zhur.* 45 no. 7:965-965 '66.
- METASOMATISM**
Dispersion halos around the intrusives of metamorphically altered granitoids. I. U. I. Temnikov, B. M. Tunin. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 6: 45-49 Je '66.
Water-soluble complex of the compositions of eruptive metamorphic and sedimentary rocks. I. U. P. Masuronkov. *Geol. i geofiz.* no. 4:145-152 '66.
- METASTASIS**
Chondrosarcoma of the thoracic wall with a tumorous thrombosis of the pulmonary artery. S. I. Lipkin. *Ortop. i travm. i protez.* 27 no. 5:61-64 My '66.
- METEORITES**
Determination of preatmospheric dimensions of meteorites. A. K. Lavrukhina. *Dokl. AN SSSR* 168 no. 6: 1275-1278 Je '66.
- METEOROLOGICAL OPTICS**
Angular structure of the field of reflected radiation. N. P. Piatovskaya. *Trudy GGO* no. 103:39-47 '66.
Calculation of optical characteristics of dispersion systems with narrow distribution. A. I. A. Perelman, K. S. Shifrin. *Izv. AN SSSR, Fiz. atm. i okeana* 2 no. 6:606-616 Je '66.
- METEOROLOGICAL OPTICS—TABLES, ETC.**
Tables for the calculation of acute-angle irradiation. K. S. Shifrin, A. I. A. Perelman, V. A. Pamina. *Trudy GGO* no. 103:10-26 '66.
- METEOROLOGICAL RESEARCH** see subdivision under Ukraine
- METEOROLOGICAL SATELLITES**
Global system of meteorological observations. I. I. Kondrat'ev. *Meteor. i gidrol.* no. 7:15-21 J1 '66.
- METEOROLOGY**
Pogonin, Kh. P. [Recent data on atmospheric research] *Novoe v izucheniye atmosfery.* Moskva, Znaniye, 1965. 50 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya. Nauka o zemle, no. 4)
- METEOROLOGY—BIBLIOGRAPHY** see Bibliography—Meteorology
- METEOROLOGY—PERIODICITY**
Cyclically in the equatorial stratosphere and mesosphere and seasonal changes in the global circulation. A. I. Kato. *Meteor. i gidrol.* no. 7:13-21 J1 '66.
- METEOROLOGY, AGRICULTURAL**
Makalov, S. A. [Weather and agriculture] *Pogoda i sel'skoye khozyaystvo. Izd. 5, sterodopnaya.* Leningrad, Gidrometeoizdat, 1965. 201 p. (DNA)
Methodology for calculating irrigation rates based on meteorological data. G. V. Talalovskii. *Trudy UcheNIGMI* no. 63:100-105 '66.
- METEOROLOGY IN AERONAUTICS**
Of from 100. V. Vasil'ev. *Av. i kosm.* no. 6:52-53 J1 '66.
- METHACRYLALDEHYDE**
Structure of high-molecular polymethacrolein. M. M. Koton and others. *Vysokom. soed.* 8 no. 6:1350-1353 J1 '66.
- METHACRYLIC ACID**
Copolymerization of alkyl methacrylates by n-butyllithium. A. A. Korotkov, Z. A. Azimov, S. P. Mikhalev. *Izv. AN SSSR, Ser. khim.* no. 7:1159-1164 J1 '66.
Interaction of diethylchlorophosphine with acrylate and methacrylate acid derivatives. V. S. Tikhonin, G. Kh. Khamid, S. Kh. Murtalov. *Zhur. ob. khim.* no. 7:1223-1226 J1 '66.
- Temperature dependence of the optical rotatory dispersion of (±)-poly(methyl methacrylate). E. L. Khabibullin. *Vysokom. soed.* 8 no. 8:1373-1376 Ag '66.
- Thixotropic structure in acrylic latexes. N. F. Sereda, L. V. Ivanova, P. I. Zubov. *Koll. zhur.* 24 no. 3:450-453 My-Je '66.
- METHANE**
Mechanism of the methane decomposition of acetylene acetate. V. I. Akerman, A. M. Rubinshtein. *Izv. AN SSSR, Ser. khim.* no. 7:1270-1281 '66.
- METHIONINE**
Determining the requirements of weaned pigs for methionine. I. U. N. Gerasimov, A. V. Mikhlin. *Khim. i sel'sk. khoz.* 4 no. 6: 40-42 Je '66.
Effect of methionine and vitamin B12 on the development of young pigs. V. K. Plotnikov, N. D. Tikhonov. *Khim. i sel'sk. khoz.* 4 no. 6: 44-46 Je '66.
Quantitative determination of methionine on chromatograms using indophenol. T. S. M. Shubman. *Labs. dolo.* no. 5:284-286 '66.
- METHYL GROUP**
Demethylation of hydrolytic lignin by heating with aqueous solutions of sodium sulfide and sodium oxide hydride. G. F. Prokhorin, B. D. Bogomolov. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 3:125-133 '66.
- METHYLAL**
Synthesis of acetylenic formals and their hydroxylation. I. A. Shikhiev, A. A. Vatanikina, B. M. Guseinov. *Zhur. ob. khim.* 39 no. 7:1263-1293 J1 '66.
Synthesis of dimethyl ethers of polyoxymethylene glycols. V. P. Volkov, V. N. Ivanov. *Vysokom. soed.* 8 no. 6: 1469-1481 Ag '66.
- METHYLENE BLUE—SPECTRA**
Spectral detection of methylene blue semiquinone. Kh. L. Arvan, V. E. Kholmogorov. *Dokl. AN SSSR* 163 no. 3:369-367 J1 '66.

MEXICO (CITY)—LABOR AND LABORING CLASSES

At the foot of Mt. Chapultepec, A. Pavlenko. Sov. prof. soz. 22 no. 14:38-39 JI '66.

MIASS—AUTOMOBILE INDUSTRY

Matsevich, B. T. [At foot of Il'men Mountains] U podnozh'ia Il'men. [Cheliabinsk] Iuzhno-Ural'skoe kntznoe izd-vo, 1965. 116 p. (Bastion tizhelet industrii)

MICA

Growing of mica crystals. V. G. Nozdina. A. A. Shternberg. Trudy VNIIP [MS] 4 no. 2:133-139 '66.

Pelrov, V. P., ed. [Problems of geology and mineralogy of mica; collection of articles. Translated from English] Voprosy geologii i mineralologii slud; sbornik statei. Moskva, Mir, 273 p. maps (1 fold.) diagrs., tables. (NNC)

MICE see subdivision under Surkhan Darya Valley; Yakutia

MICROBIOLOGY—CULTURES AND CULTURE MEDIA

Cultivation of micro-organisms consuming liquid N-alkanes. I. N. Pozmogova. Izv. AN SSSR, Ser. biol. 31 no. 4:568-580 JI-Ag '66.

Effect of poisons on the development of some aerobic and anaerobic bacteria. I. T. Nette, M. I. Tsidul'skaia, G. A. Shirshova. Vest. Mosk. un. Ser. 6: Biol. i pochv. 21 no. 2:62-66 Mr-Apr '66.

Quantitative study of cytochromes of chemosynthesizing and heterotrophic micro-organisms. L. L. Lisenkova, A. B. Lozlov, Izv. AN SSSR, Ser. biol. 31 no. 4:532-538 JI-Ag '66.

Use of tellurite media for the isolation of *Corynebacterium diphtheriae*. N. N. Kostlukova, G. G. Ezhova. Lab. delo. no. 5:305-308 '66.

MICROBIOLOGY—TECHNIQUE

Methods of studying the growth phases in a microbial population. M. I. Tarkov, K. P. Soboleva, M. G. Brand, Izv. AN SSSR, Ser. biol. 31 no. 4:580-602 JI-Ag '66.

MICROCLIMATOLOGY see subdivision under Ingulets Valley (Ukraine)

MICROELECTRONICS

Use of an avalanche transistor as an analog of circuit inductance. M. M. Nekrasov, I. V. Kutovoi, V. S. Osadehuk. Mekh. i avtom. upr. no. 3:47-48 My-Je '66.

MICROFILMS—CONSERVATION AND RESTORATION

Ways to preserve collections of microfilmed patents. M. D. Kutsentova. Tekh. bibliot. SSSR no. 7:65-70 '65.

MICRO-ORGANISMS, NITROGEN-FIXING

Use of nodule bacteria of soybean in grey forest soil. V. I. Sabel'nikova, V. A. Terekhova. Mikrobiol. prota. v pochv. Mold. no. 2:42-47 '65.

MICROPALEONTOLOGY see subdivision under Carpathian Mountain region

MICROPHOTOGRAPHY

Organization of microfilm services. A. P. Kotelnikov, G. V. Korenevskii. Sov. arkh. no. 3:94-98 '66.

MICROWAVE MEASUREMENTS

Limiting technical possibilities of the measurement of phase fluctuations (frequency) of generators using microwave discriminators. I. U. E. Aptek, A. V. Lebedev. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:609-614 '65.

MICROWAVE SPECTROSCOPY

Using microwave spectrometry in quantitative analysis of organic compounds. A. N. Alekseev, G. I. Tysova. Neftepr. i neftekhim. no. 7:37-39 '65.

MICROWAVES

Absorption of electromagnetic waves in the 3-7.5 mm. band by the earth's atmosphere. S. A. Zhevakina, A. P. Nounov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:433-450 '66.

Diffraction of the field of a longitudinal dipole radiator on two parallel circular cylinders. E. A. Ivanov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:561-575 '66.

Frequency doubling of converging and partially coherent light beams. G. I. Froldman. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:550-550 '66.

Laser in resonator Q-factor switching mode. V. I. Bezpalo, I. U. K. Bogatyrev. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:525-537 '66.

Ramsey-type radiation line with a maser with spaced resonators. V. S. Kazachok. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3:620-621 '66.

MILITARISM see subdivision under Germany, West

MILITARY AERONAUTICS see Aeronautics, Military

MILITARY ART AND SCIENCE—DICTIONARIES

Skulbeda, P. I., comp. [Explanatory dictionary of military terms] Tolkovyj slovar' voennykh terminov. Moskva, Voenizdat, 1966. 527 p.

MILITARY ASSISTANCE, RUSSIAN see subdivision under China

MILITARY DISCIPLINE

Conscience of the Communists. B. Bezlepkin. Komm. Vooruzh. Sil 47 no. 13:32-39 JI '65.

MILITARY EDUCATION

(see also subdivision under Kharkov; Kirghizistan; Moscow; Novouzensk District; Tallinn; Tula; White Russia)

The cause of millions. A. Getman. Voen. znan. 42 no. 8:1-3 Ag '66.

The hardening of the young generation. V. Mitronov. Voen. znan. 42 no. 8:4-5 Ag '66.

Into the hands of the young people. G. Vasil'eva. Voen. znan. 42 no. 7:20 JI '65.

The students' good friends. V. Novik. Voen. znan. 42 no. 7:33 JI '66.

MILITARY HELICOPTERS see Helicopters, Military

MILITARY MEDICINE see Medicine, Military

MILITARY TRAINING

Erroneous style of work leads to shortcomings in military training. M. Radugin. Komm. Vooruzh. Sil 47 no. 13:59-70 JI '66.

The platoon attacks. F. Gavrikov. Voen. znan. 42 no. 8:16-17 Ag '66.

A soldier is always a soldier. Komm. Vooruzh. Sil 47 no. 13:71-75 JI '66.

The soldier's delight. N. Korol'kov. Voen. znan. 42 no. 8:14-15 Ag '66.

Teaching Soviet servicemen to be intrapid. M. Korobelnikov. Komm. Vooruzh. Sil 47 no. 13:53-53 JI '66.

MILK—COMPOSITION

Productivity and composition of the milk of Brown Latvian cows in White Russia. A. A. Gaiko, A. P. Pavlov. Vestn. AN BSSR. Ser. sel'hoz. nav. no. 2:92-96 '66.

MILK, FERMENTED

Akimova, M. S., and E. F. Dekareva. [Use of laboratory bacterial starters in producing sour milk products] Primenenie laboratornykh bakterial'nykh zakvasek pri proizvodstve kislomolochnykh produktov. Moskva, Pishchevaia promyshlennost', 1965. 18 p. (Obmen peredovym opytom)

MILK, FERMENTED—MICROBIOLOGY

Koroleva, N. S. [Technical microbiology of sour milk products] Tekhnicheskaya mikrobiologiya kislomolochnykh produktov. Moskva, Pishchevaia promyshlennost', 1966. 247 p.

MILK, HUMAN—ANALYSIS

Photocolorimetric determination of protein in human milk. I. I. Dobroshe'dova. Lab. delo no. 8:476-480 '66.

MILKING MACHINES

(see also subdivision under Czechoslovakia)

Improve the control of the operation of milking machines. L. Kartashov, V. Akhmatov. Tekh. v sel'khoz. 26 no. 6:32-33 Je '66.

MILL CREEK WATERSHED, OHIO—RUNOFF

Utilization of hydrological observations on small watersheds and plots in studying the effect of agricultural practices on streamflow. V. V. Rakhmanov. Meteor. i gidrol. no. 7:34-40 JI '66.

MILLET

Effect of temperature and moisture on the change in some biochemical millet properties. L. I. Dzhamalova, I. Rakhimbayev. Izv. AN Kazakh. SSR, Ser. biol. 4 no. 3:57-61 My-Je '66.

Increase production of buckwheat and millet. I. Elagin. Zerk. i masl. kul't. 1 no. 1:29-32 '66.

MILLET—FERTILIZERS AND MANURES see subdivision under Akt'yubinsk Province

MILLING (METALWORK)

Alenin, M. P. [Efficient hobbing of stainless steels] Proizvoditel'noe subfrezernnoye zharoprochnykh stali. Leningrad, 1966. 29 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Progressivnye metody obrabotki materialov)

MILLING MACHINES

Machine for milling nonferrous metals, alloys and plastics. M. S. Malkin, S. A. Tikhonchik. Bul. tekhn. i inform. Gos. nauch. i inzh. inst. nauch. i tekhn. inform. 19 no. 6:26-26 Je '66.

Semi-automatic machine for milling pin grooves. E. S. Perstok. Tekh. i org. proizvod. no. 1:37 Jo-P '66.

MIND AND BODY

The theory of the development of higher mental functions in Soviet psychology. A. R. Lurid. Vop. filos. 20 no. 7:72-79 '66.

MINE COMMUNICATION SYSTEMS

Use of radio communication in shaft sinking. N. V. Novikov, B. V. Lapin. Shkhit. stroit. no. 7:21-22 JI '66.

MINE DRAINAGE see subdivision under Krivoy Rog Basin

MINE DUSTS—SAFETY MEASURES

Respire through pneumatic drill. P. Protopopov. Izobr. i rats. no. 6:17-18 Je '66.

MINE EXPLOSIONS

Felt, G. N. [Strength properties and resistance of coal seams subject to outburst] Prochnostnye svoystva i ustoiichivost' vybrosopasnykh ugol'nykh plastov. Moskva, Nauka, 1966. 78 p.

MINE FILLING

Pressure of the filling upon inclined parallel walls, and the magnitude of maximum bending moments in dangerous sections of protective structures. V. M. Guretskii. Fiz. i tekhn. probl. razrab. pol. iskop. no. 2:37-44 '66.

MINE FILLING—EQUIPMENT AND SUPPLIES

Studying the acoustic hardness of a concrete filling. L. I. Burtsev, V. G. Kollav. Fiz. i tekhn. probl. razrab. pol. iskop. no. 2:146-150 '66.

MINE GASES

(see also subdivision under Karaganda Basin)

Forecasting sudden outbursts of coal and gas in deep levels of the Kuznetsk Basin. O. I. Chernov. Fiz. i tekhn. probl. razrab. pol. iskop. no. 3:31-34 '66.

Reducing gas pressure in opening of thick steep seams by hydraulic fracturing. V. I. Kiranov, I. S. Sen'ko, L. P. Tomashevskii. Shkhit. stroit. no. 7:20-21 JI '66.

Studying the parameters of gas accumulation in layers in horizontal workings. N. M. Koshelev. Fiz. i tekhn. probl. razrab. pol. iskop. no. 2:134-140 '66.

MINE HAULAGE—EQUIPMENT AND SUPPLIES

Experience in developing and using the dynamic reaction thrower slated for conveying scraper which enables through stops. A. V. Sofronov and others. Fiz. i tekhn. probl. razrab. pol. iskop. no. 2:114-119 '66.

Studying and determining the efficient fields of using ore transportation equipment through main workings in mines. I. U. I. Chirkov and others. Fiz. i tekhn. probl. razrab. pol. iskop. no. 3:82-88 '66.

Using PML-5 rock loading equipment in inclined workings mined from top to bottom. A. M. Friedlind, N. P. Dmitriev. Shkhit. stroit. no. 7:24-25 JI '66.

MINE HOISTING

[Automation of mine hoisting equipment] Avtomatizatsiya shkhitnykh pod'emnykh ustanovok. [By] I. G. Mol'kumov i dr. Moskva, Nedra, 1966. 230 p.

MINE MANAGEMENT

Studying the optimum direction for the development of operations in strip mines with the help of electronic computers. A. I. Arsent'ev, N. D. Buz, E. I. Sologub. Fiz. i tekhn. probl. razrab. pol. iskop. no. 3:107-115 '66.

MINE RAILROADS

Studying and determining the efficient fields of using ore transportation equipment through main workings in mines. I. U. I. Chirkov and others. Fiz. i tekhn. probl. razrab. pol. iskop. no. 3:82-88 '66.

MINE RAILROADS—CARS

Lelles, Z. M., V. A. Syacova, and D. I. Iaroslavskii. [Method of determining the optimum capacity of a bunker for use in a shaftbottom with a drop-bottom car] Metodika ustanovleniya optimal'noi emkost' bunkera v okoloostroim dvore pri primeneni vagonetok s otkryvalustichislai dalshechami. Moskva, In-t gornogo dela im. A. A. Skochinskogo, 1965. 20 p.

MINE TIMBERING

Khalangot, G. V. [Roof control by complete caving using caving supports in inclined seams] Upravlenie kroviei polnym obrusheniem s primeneniem posadochnykh stoev na naklonnykh plastakh. Moskva, Nedra, 1966. 66 p.

Main principles of elaborating industrial and technical requirements for the design of powered supports for steeply pitching coal seams. K. A. Ardashov, V. M. Shuk. Fiz. i tekhn. probl. razrab. pol. iskop. no. 2:70-74 '66.

MINE TIMBERING—EQUIPMENT AND SUPPLIES see subdivision under Ural Mountains

MINE TIMBERING—MECHANIZATION

Mechanization for erecting concrete support in horizontal mine workings. E. I. Vliakin, K. I. Rubin. Shkhit. stroit. no. 7:10-11 JI '66.

MINE VENTILATION

Studying the parameters of gas accumulation in layers in horizontal workings. N. M. Koshelev. Fiz. i tekhn. probl. razrab. pol. iskop. no. 2:134-140 '66.

- MINE VENTILATION—MODELS**
Applying the methods of hydraulic analogies to the study of heat conditions in coal mines in the North. A. F. Zil'berbord, I. A. Budennyi. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:125-133 '66.
- Simulating wave processes of ventilation systems. T. I. Matkashvili. Soob. AN Gruz. SSR 43 no. 1:179-194 JI '68.
- MINE WATER**
Using mine waters in balneology. E. Khureglan. Prom. Arm. 9 no. 5: 63-64 My '66.
- MINERAL WATERS** see subdivision under Karmadon (North Ossetia)
- MINERALOGY** see subdivision under Dnieper Valley
- MINERALOGY, DETERMINATIVE**
Determination of the content of aluminum and silicon by the method of activated analysis in light-weight samples of rocks. T. N. Blankova, V. G. Rusiaev, E. K. Varvarina. Geol. i geofiz. no. 4:120-123 '66.
- MINERALS**
(see also subdivision under Khibiny Mountains; Maritime Territory; Polesye; Tajik Depression)
Structure of the localization of minerals. N. P. Ermakov. Trudy VNIP [MS] 7:7-26 '62.
- MINERALS IN SOIL**
(see also subdivision under Volga Valley)
Materials on the circulation of mineral substances in the brush tundra of the Khibiny Mountains. N. L. Chpurko. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:116-126 Mr-Apr '66.
- MINERS—DISEASES AND HYGIENE** see subdivision under Rozdol (Lvov Province); Sadon (Ossetia, North)
- MINES AND MINERAL RESOURCES**
(see also subdivision under Pripiet Valley)
Bolarzki, V. A., and M. I. U. Cherlok. [Mineral resources open to the sunlight] Nedra, otkrytie solntsa. Moskva, Nedra, 1966. 151 p.
- MINIATURE ELECTRONIC EQUIPMENT**
Gribovskii, P. O., and T. I. Terent'eva. [Miniature ceramic condensers] Miniaturnye keramicheskie kondensatory. Moskva, Energiia, 1966. 142 p.
- MINING ENGINEERING**
Pressure of the filling upon inclined parallel walls, and the magnitude of maximum bending moments in dangerous sections of protective structures. V. M. Guretskii. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2: 37-44 '66.
- Simplified method of determining temperature from the shaft of a hydrothermal borehole. G. A. Mataev and others. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 6: 92-93 Je '66.
- Study of grouting mortars. B. I. Kravitsov, B. D. Polovov. Shkht. stroi. no. 7:14-17 JI '68.
- Using internal explosions to create underground cavities. A. S. Dobina, N. A. Evrostov. Shkht. stroi. no. 7: 17-19 JI '68.
- MINING GEOLOGY**
(see also subdivision under Krivoy Rog Basin)
Determination of water vapor pressure and the moisture content in rocks. L. G. Filippenko, A. N. Shcherban. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:148-149 '66.
- Experience in testing the shear resistance of rocks with a faulted structure. V. A. Kuznetsov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:102-108 '66.
- Strength of nonuniform pillars. F. P. Bublik and others. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:31-36 '66.
- MINSK—DIRECTORIES**
Minsk. Upravlenie bytovogo obsluzhivaniia. [Advertising reference book of enterprises performing everyday repairs and other services] Reklamnyi spravocnik predpriatii bytovogo obsluzhivaniia Minska. Minsk, 1966. 76 p. (Dlia vas, minchelan)
- MINSK—LAW—STUDY AND TEACHING**
Conference of rectors of people's universities. N. Stolar. Sots. zakon. no. 5:69 My '66.
- MINSK—MACHINE—TOOL INDUSTRY—FINANCE**
Business accounting of enterprise departments and services. I. Sinemskii. Plan. khoz. 43 no. 8:54-56 Ag '66.
- MINSK—THEATERS—STAGE SETTING AND SCENERY**
Scenery of White Russian musical works on the stage of the White Russian Theater of Opera and Ballet. P. A. Karnach. Vest. AN BSSR, Ser. hram. nav. no. 2:97-105 '66.
- MINSK PROVINCE—MONEY**
Interregional monetary movement. A. Shukuro. Den. i kred. 24 no. 7:39-43 JI '66.
- MINT (BOTANY)**
Flavonoids from *Mentha piperita*. Report No. 2. E. V. Hella and others. Farmatsev. zhur. 21 no. 3:56-66 '66.
- MISTLETOE**
Polyphloidy and aneuploidy in onion roots under the influence of physiologically active substances from the mistletoe (*Viscum album* L.) extract. G. Akatrinei. Genetika no. 4:97-104 Ap '66.
- MITES**
(see also subdivision under Siberia, Eastern)
Mite *Pachysinus humeralis* Berlese, 1910 (Gamagoiden, Neoparasitidae) in U.S.S.R. V. N. Nefedov. Zool. zhur. 45 no. 7:1098-1099 '66.
- MITES AS CARRIERS OF DISEASE**
Use of the fluorescent serological method for the determination of infection of the Trombiculidae mites with *Rickettsia tsutsugamushi*. L. V. Miroshchova, N. I. Kudrashova, I. V. Tarasovich. Zhur. mikrobiol., epid. i immu. 43 no. 7:36-38 JI '66.
- MITOCHONDRIA**
Effect of some radioprotective preparations on the replication of mitochondria isolated from normal and irradiated tissues. N. I. Bichukina, E. F. Romanov. Radiobiologiya 6 no. 4:668-669 '66.
- Role of the outer membrane of mitochondria in the process of their contraction. V. F. Mashunskii, A. G. Bulychev. TSitologiya 8 no. 3:344-348 My-Je '66.
- MITSKOVICH, KONSTANTIN MIKHAILOVICH, 1882-1950**
Iakub Kolos' "The fairy tales of our life" and folklore. I. P. Chuhryin. Vest. AN BSSR, Ser. hram. nav. no. 2:54-62 '66.
- MIXING**
Longitudinal hydrodynamic mixing in porous media with stagnant zones investigated by means of a harmonic signal. V. G. Levich, V. S. Markin, I. A. Chizmadzhev. Dokl. AN SSSR 168 no. 8:1364-1366 Je '66.
- MIXING MACHINERY**
Testing pulse-mixing extractor. A. I. Gur'lanov, A. P. Galeev. Neftep. i neftekhim. no. 7:39-41 '66.
- MIXTURES**
Determination of strychnine and brucine in their mixtures. B. I. Shvydkii, V. P. Kramarenko. Farmatsev. zhur. 21 no. 3:20-24 '66.
- MODELS AND MODELMAKING**
Sakulina, N. P., ed. [Methodology of teaching drawing, modeling and applique in kindergartens; a textbook for preschool pedagogical institutes] Metodika obucheniia risovaniu, tepke i applikatsii v detskom sadu; ucheb.-metod. dlia doskol'nykh pedagogicheskikh uchilisheh. Izd. 4., 1. apr. i dop. Moskva, Prosveshchenie, 1966. 265 p.
- MODELS AND MODELMAKING—RADIO CONTROL SYSTEMS**
Otrishchenkov, I. M. [ABC's of radio control of models] Azbuka radioupravleniia modeliami. Moskva, Detskaiia literatura, 1965. 295 p. (Shkol'naiia biblioteka. Biblioteka pionera "Znai i umei")
- MÖSSBAUER EFFECT**
Mössbauer effect on ion-exchange resins. V. I. Durnovskii and others. Radiokhimiia 8 no. 3: 365-368 '66.
- Quadrupole interaction and the anisotropy of the Mössbauer effect as deduced from observations of resonance scattering of gamma quanta on polycrystals. B. A. Komissarova, A. A. Sorokin, V. S. Shipilov. Zhur. eksp. i teor. fiz. 50 no. 5:1205-1217 My '66.
- Studies in the field of gamma-resonance (Mössbauer) spectroscopy. V. I. Goldanskii. Usp. fiz. nauk 80 no. 3:333-365 JI '66.
- MOGLEV PROVINCE—PASTURES AND MEADOWS**
Importance of cultivated pastures in increasing livestock productivity and reducing the cost of production of animal husbandry. P. D. Suvarenko, B. A. Zolotarev. Vest. AN BSSR, Ser. sel'khoz. nav. no. 2:14-18 '66.
- MOGLEV PROVINCE—PLANTS, PROTECTION OF—MANAGEMENT**
Material stimulation in toama. N. Anisav. Vych. i zap. 11 no. 7:7-8 '66.
- MOISTURE**
Absorption method of moisture determination in wetting mixtures. M. P. Poruchikov, G. I. Khazan. Trudy Ural. politekh. inst. no. 145:8-10 '65.
- Destructive effect of moisture in heterophilic structures. G. D. Dzhurov and others. Dokl. AN SSSR 168 no. 2:24-24 JI '66.
- Effect of relative phase motion on the permeability of deep well moisture waters. D. O. Olegov. Neftep. i khoz. 43 no. 6:31-33 '66.
- MOISTURE—EFFECT ON SEEDS** see Seeds, Effect of moisture on
- MOISTURE—MEASUREMENT**
Ultrasonic method of investigating the structural changes of peat in the process of moisture desiccation. S. P. Volokovich and others. Koll. zhur. 28 no. 1:33-34 My-Je '66.
- MOLDAVIA—ANTIQUITIES**
A treasure-trove of ancient articles found in the ruins of Olonechty. G. P. Sergeev. Vost. drev. i isk. 132-142 '66.
- MOLDAVIA—BIRDS OF PREY**
Averin, I. V., and I. M. Gania. [Birds of prey of Moldavia and their role in nature and agriculture] Khishchnye ptitsy Moldavii i ikh rol' v prirode i sel'skom khoziaistvo. Kishinov, Kartia moldoveniaske, 1966. 102 p.
- MOLDAVIA—CHERNOZEM SOILS**
Regularity in distribution of *Arbacter* in various types of Moldavian Chernozems. V. I. Sabol'nikova. Mikrobiol. prot. v pochv. Mold. no. 2:39-41 '66.
- Soil fauna in Chernozems of southern Moldavia. N. A. Prokhan. Mikrobiol. prot. v pochv. Mold. no. 2:31-31 '66.
- MOLDAVIA—FERTILIZERS AND MANURES—RESEARCH**
Trends in the work of zonal agrochemical laboratories. N. I. Vaidberg. Khim. v sel'khoz. 4 no. 8: 48-49 Je '66.
- MOLDAVIA—PEAS**
Effectiveness of using nitrogen for peas in soils of Moldavia. V. I. Sabol'nikova, P. A. Tereshkova. Mikrobiol. prot. v pochv. Mold. no. 2:48-48 '66.
- MOLDAVIA—SOIL, FERTILITY**
Micro-organisms and increase of soil fertility in Moldavia. I. N. Zakharov. Mikrobiol. prot. v pochv. Mold. no. 2:9-11 '66.
- MOLDAVIA—VEGETABLES**
Goncharov, P. V., M. A. Onoprienko, and A. T. Tsigalov. [Procurement, transportation, and storage of vegetables] Zagotovka, perevozka i khraneniie ovoshchei. Kishinov, Kartia moldoveniaske, 1966. 62 p.
- MOLDAVIAN DIALECT—DICTIONARIES**
Akademiiia nauk Moldavskoi SSR. Institut iazyk i literatury. [Orthographic dictionary of the Moldavian language] Diktsonar ortografik al limbii moldoveneashti. Kishineu, Kartia moldoveniaske, 1965. 628 p. [In Moldavian]
- MOLDAVIAN MUSIC** see Music, Moldavian
- MOLDING (FOUNDING)**
Chill molding of collector bearings of electric machines. L. R. Zimmer. Tekh. i org. proizv. no. 1:51-52 Ja-F '66.
- Effect of activating additives on the strength of chill coatings. K. P. Fadeeva. Lit. proizv. no. 5:15-16 JI '66.
- Synthetic, water-free, molding mixtures. I. E. Kovalev and others. Lit. proizv. no. 5:1-3 My '66.
- MOLDING (FOUNDING)—COOLING**
Regulating the cooling of machine-tool castings in a mold. E. Zaitman, G. Adolan. Prom. Arm. 9 no. 5: 11-13 My '66.
- MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES**
Molding small rods in special multipiece units. L. V. Protichko, V. I. Sviridov. Tekh. i org. proizv. no. 1:52-53 Ja-F '66.
- MOLDING (FOUNDING)—MECHANIZATION** see also division under Leningrad

- MOLDING MACHINES**
Development and investigation of blowing and pressing method for compaction of molds. D. M. Krymskii. Tekh. i org. proizv. no. 1:53-55 Ja-F '66.
Mechanized production of large molds. P. F. Parasiuk. Mekh. i avtom. proizv. 20 no. 7:19-21 Ja '66.
- MOLDING MACHINES—FOUNDATIONS**
Vibration-damping foundations for model 288C molding machines. A. I. Prayda. Lit. proizv. no. 5:18-20 My '66.
- MOLDS (BOTANY)**
Use of combined fermentation methods for obtaining trichothecin. R. A. Makshimova, Z. E. Bekker, L. M. Bushin. Bishina. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:57-61 Mr-Apr '66.
- MOLE RAT** see subdivision under Prut Valley
- MOLECULAR ASSOCIATION**
Effect of association in solutions on the character of isotherms of adsorption of dissolved substances by solid adsorbents. N. F. Ermolenko, M. I. Iatsevskaia. Koll. zhur. 28 no. 3:388-393 My-Je '66.
- MOLECULAR SPECTRA**
Effect of the conjugation of bonds on the degree of stability of a primary molecular ion. V. D. Nefedov and others. Radiokhimiia 8 no. 3: 376-379 '66.
- MOLECULAR WEIGHTS**
Determining distribution of molecular weights in phenol-formaldehyde resin modified by rosin. V. A. Salamatova, M. I. Utkhinskaya. Plast. massy no. 8:70-71 '66.
Effect of molecular weight of polyethylene on strength of parts of pressure pipelines. D. F. Kagan, R. F. Lokshin. Plast. massy no. 8:66-68 '66.
Molecular-weight distribution of polyethylene prepared on the basis of the soluble catalytic system $(C_5H_5)_2TiCl_2 - Al(C_2H_5)_3$. G. P. Belov. Izv. AN SSSR, Ser. khim. no. 7:1275-1278 '66.
- MOLES (ANIMALS)—EXTERMINATION**
Mole. E. Fadeev. Zashch. rast. 11 no. 7:31-32 '66.
- MOLLUSKS, FOSSIL**
(see also subdivision under Rybnik region)
Upper Paleogene Nuculanidae and Malletidae of the southern U.S.S.R., their relation to faunas and development in time. N. A. Pokina. Biol. MOIP, Otd. geol. 41 no. 2: 145 Mr-Apr '66.
- MOLTEN METALS** see Liquid metals
- MOLYBDENUM**
(see also subdivision under Agarak, Armenia)
Geochemical characteristics of the distribution of molybdenum and tungsten in one of the deposits of lignite. D. F. Korolev, M. M. Derbarmidker. Dokl. AN SSSR 168 no. 5:1170-1172 Je '66.
- MOLYBDENUM—EFFECT ON PLANTS** see Plants, Effect of molybdenum on
- MONASTERIES**
Pod'lapol'skii, S. B. [Guidebook to the architectural monuments of the Kirillo-Belozerskii and Foropontov monasteries] Putevoditel' po arkhivnym pamiatnikam Kirillo-Belozerskogo i Foropontov monastyrei. [Vologda] Vologodskoe knizhnoe izd-vo, 1963. 64 p. illus. (MH)
- MONEY**
(see also subdivision under Minsk Province)
Bank deposits. A. Kosol. Den. i kred. 24 no. 7:35-38 Ji '66.
Currency circulation and the new system of management. I. Slavyin. Den. i kred. 24 no. 7:10-20 Ji '66.
From the history of the struggle of Soviet economic science against nominalistic theories of money during the first years of the New Economic Policy. G. G. Bogomazov. Vest. LGU 21 no. 11:14-23 '66.
Konnik, I. I. [Money during the period of the building of a communist society] Den'gi v period stroitel'stva kommunisticheskogo obshchestva. Moskva, Finansy, 1966. 255 p.
- MONGOLIA—ALBITES**
First find of metasomatic albitite in the Mongolian People's Republic. Dokl. AN SSSR 168 no. 5:1154-1157 Je '66.
- MONGOLIA—ECONOMIC CONDITIONS**
The 45th anniversary of the national revolution in Mongolia. V. Titkov. Komm. Vooruzh. Sil 47 no. 13:76-79 Ji '66.
The Mongolian People's Republic: an information note. Komm. Vooruzh. Sil 47 no. 13:79-81 Ji '66.
- MONGOLIA—GEOLOGICAL RESEARCH**
Assistance of the Soviet Union to the Mongolian People's Republic in geological research. M. Tserendorzh. Razved. i okh. nedr. 32 no. 4:6-9 Ap '66.
- MONGOLIA—POLITICS AND GOVERNMENT**
Maznev, A. G. [The transformed steppes of Mongolia] Preobrazhennye stepi Mongolii. Moskva, Znanie, 1968. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya: Mezhduнародnaya, no. 12)
- MONGOLIA—QUARTZ**
Short review of the genetic characteristics and prospecting prerequisites of the crystal potential of the Mongolian People's Republic. N. P. Ermakov. Trudy VNIIP [MS] 2 no. 1:151-153 '58.
- MONGOLIA—RELATIONS (GENERAL) WITH RUSSIA**
Assistance of the Soviet Union to the Mongolian People's Republic in geological research. M. Tserendorzh. Razved. i okh. nedr. 32 no. 4:6-9 Ap '66.
- MONGOLIA—SOCIAL CONDITIONS**
Katerinich, A. N. [Decades amounting to centuries] Desiatil'etia, ravnye vekam. Moskva, Politizdat, 1966. 53 p.
Maznev, A. G. [The transformed steppes of Mongolia] Preobrazhennye stepi Mongolii. Moskva, Znanie, 1968. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya: Mezhduнародnaya, no. 12)
- MONOPOLIES**
The monopolistic system of capitalist states and the struggle against monopolies. V. Chepurkov. Kommunist 43 no. 12:60-66 Ag '66.
- MONSOONS** see subdivision under Maritime Territory
- MONZONITES** see subdivision under Khabarovsk region
- MOON, THEORY OF**
Thermal origin of the moon. O. I. Ornat'skaya, I. A. I. Al'ter. Izv. vys. ucheb. zav. i radiofiz. 9 no. 3: 615-617 '66.
- MOON CARS**
From model to the moon car. A. Koval', V. Bazhenov, E. Straut. Av. i kosm. no. 8:42-46 Ag '66.
- MORALE**
How does my son fulfill his service? I. Sokolov. Voenn. znani. 42 no. 8:13 Ag '66.
- MORDOVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK**
[At the sources of life: from the work experience of shop party organizations and of party groups in enterprises, at construction sites and in transportation in Moldavia] U istokov zhizni: iz opyta raboty iskhovykh partorganizatsii i partinykh grupp prodpratii, stroek i transporta Moldavii. Saransk, Mordovskoe knizhnoe izd-vo, 1964. 76 p. (CBT-II)
- MORDOVIA—ETHNOLOGY**
Nauchnaia sessiia po etnogenezu mordovskogo naroda, Saransk, 1964. [Ethnogenesis of the Mordvinian people; materials] Etnogenez mordovskogo naroda; materialy. Pod obshch. red. B. Z. Rybakova, B. A. Serobrennikov i A. P. Smirnova. Saransk, Mordovskoe knizhnoe izd-vo, 1965. 430 p.
- MORDOVIA—RYE—FERTILIZERS AND MANURES**
Effect of times and methods of the use of fertilizers on the yield of winter rye grown as a green fallow crop. K. A. Kosetrov, M. I. Korenikov. Khim. v sel. khoz. 4 no. 8:2-4 Ag '66.
- MORDVINIAN A. S. S. R.** see Mordovia
- MOROZOV, NIKOLAI ALEKSANDROVICH, 1854-1940**
Ozerov, V. S. N. A. Morozov. [Leningrad] Leningrad, 1966. 35 p. (Uzanki Petropavlovskoi kreposti)
- MORPHOLOGY**
Vsesoyuznoe nauchnoe obshchestvo anatomov, gistologov i embriologov. [Problems of the morphology of endocrine glands; a thematic collection of articles] Voprosy morfologii zhelez vnutrennei sekretatsii i tematicheskiy sbornik. Pod red. A. I. Akashevskogo i S. I. Terezy. Moskva, 1965. 121 p.
- MORPHOLOGY—CONGRESSES**
Nauchnaia konferentsiia po voprosam morfologii, fiziologii i biokhimi. 6th, 1963. [Transactions of the Sixth Scientific Conference on Age-Related Morphology, Physiology and Biochemistry, April 9-13, 1963] Trudy. Pod red. A. A. Markosiana. Moskva, Prosveshchenie, 1965. 610 p.
- MORPHOLOGY (ANIMALS)**
Some characteristics of the morphology of the heart and lungs in small laboratory animals. G. V. Koval'skii. Dokl. AN SSSR 168 no. 5:1214-1216 Je '66.
- MORTIFICATION (PATHOLOGY)** see Gangrene
- MOSAICS**
Lobanov'skiy, B. B. [Mosaics and frescoes] Mozaika i freska. Kyiv, Mystetstvo, 1966. 148 p. illus.
- MOSCOW—AGRICULTURAL COLLEGES**
Gol'dman, R. I. A., and E. L. Sankovets. [Timiriazov Academy during the years of the Great Patriotic War] Timiriazovskaya akademiya v gody Velikoi Otechestvennoi voiny. Moskva, Mos. sel'khoz. akad. im. K. A. Timiriazova, 1955. 40 p.
- MOSCOW—BEARING INDUSTRY—MANAGEMENT**
Saving metals at the First State Bearing Plant. L. S. Glezor, S. S. Gornov. Biol. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 9 no. 6:50-51 Je '66.
- MOSCOW—BEARING INDUSTRY—PRODUCTION STANDARDS**
Development and introduction of enlarged norms based on the scientific organization of labor. S. K. Berezavskii. Biol. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 6:46-47 Je '66.
- MOSCOW—BUILDING—DETAILS**
Karashev, K. I., and B. M. Iakko. [Silica and cement joints in building finishes in the city of Moscow] Silikatnye i tsementnye kraski v otdelke zdaniy g. Moskvy. Moskva, Stroizdat, 1966. 71 p.
- MOSCOW—CIVIL DEFENSE—STUDY AND TEACHING**
Teach the most necessary things. Voenn. znani. 42 no. 8:24 Ag '66.
- MOSCOW—CLUBS**
Interesting encounters in the club. L. Koval'skaya. Sots. zakon. no. 5:62-63 My '66.
- MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION**
Increased responsibility. N. T. Surkin. Part. zhizn' no. 16:40-45 Ag '66.
Role of party organizations in the struggle against juvenile lawbreaking. D. Karev. Sots. zakon. no. 5: 55-57 My '66.
- MOSCOW—CONSTRUCTION INDUSTRY**
Moshennikov, G. V. [33 giants and thousands of settlers] 33 bogatyria i tysyachi novoselov. [Moskva] Mosk. rabochi, 1965. 118 p.
- MOSCOW—DAIRY PLANTS**
This was a fruitful cooperation. B. Gubin, A. Syrev, I. Shiraga. Sov. iust. 30 no. 10:18-19 My '66.
- MOSCOW—EDUCATION—FINANCE**
Use funds for national education efficiently. K. Subbotina. Fin. SSSR 40 no. 6:56-61 Ag '66.
- MOSCOW—ELECTRIC EQUIPMENT INDUSTRY—FINANCE**
The economic reform and its effect on the work of enterprises. I. Kurtyala. Fin. SSSR 40 no. 8:40-45 Ag '66.
- MOSCOW—FINANCE**
Relying upon the aid of enterprise's party committee. G. Golovachev. Fin. SSSR 40 no. 6:62-63 Ag '66.
- MOSCOW—INDUSTRIAL PROCUREMENT**
Organization of the supply of materials and equipment in Moscow industry, 1921-1925. S. A. Ribakova. Trudy INKH no. 42:131-144 '66.
- MOSCOW—JUVENILE DELINQUENCY**
Role of party organizations in the struggle against juvenile lawbreaking. D. Karev. Sots. zakon. no. 5: 55-57 My '66.
- MOSCOW—KINDERGARTEN—MUSIC**
Orlova, F. M., and E. N. Sokolova, comps. [We are merry; a collection of materials for diversions in kindergartens. From the experience of music teachers in Moscow] Nam veselo; sbornik materialov po razvicheniyam v detskikh sadakh. Iz opyta muzykantov i rabotnikov Moskv. Moskva, Prosveshchenie, 1965. 229 p. illus. (insert)
- MOSCOW—KREMLIN**
Lutsenko, V. K. [The Moscow Kremlin: its past and present] Moskovskii Kremli'; proshloe i nastoiashchee. Moskva, Sovetskaya Rossiya, 1963. 230 p. illus. (NN)
- MOSCOW—LAW ENFORCEMENT**
Contact between the procuracy and the public helps in the strengthening of law and order. D. Kichatov. Sots. zakon. no. 5:65-67 My '66.
- MOSCOW—LAWYERS**
Interesting encounters in the club. L. Koval'skaya. Sots. zakon. no. 5:62-63 My '66.
To the memory of a comrade's obituary. Sots. zakon. no. 5:66 My '66.
- MOSCOW—LIBRARIES**
Akademiya nauk SSSR. Biblioteka. [Materials and reports on the collections of the Manuscripts and Rare Books Division of the Library of the Academy of Sciences of the U.S.S.R.] Materialy i soobshcheniya po fondam otdela rukopisnoi i redaknoi knigi Biblioteki Akademii nauk SSSR. Moskva, Nauka, 1966. 204 p.

- MOSCOW—LIBRARIES, CHILDREN'S**
This is source of our strength. T. Lukicheva. Bibliotekar' 43 no. 8:33-35 Ag '66.
- MOSCOW—MACHINERY INDUSTRY**
"Chaiika," an industrial plant manned by schoolchildren. I. Pervin. Nar. obr. no. 8:58-62 Ag '66.
- MOSCOW—MILITARY EDUCATION**
Workers of the "Sickle and Hammer" Plant take military training. B. Alekseev. Voen. znani. 42 no. 8:32-33 Ag '66.
- MOSCOW—MONUMENTS**
Abramov, A. S. [Sentry post N 1; from the history of the honor guard at the Lenin Mausoleum] Chasovye posta N 1; iz istorii pochetnogo karavala u Mauzoleia Lenina. Moskva, Politizdat, 1966. 78 p.
- MOSCOW—NAVAL EDUCATION**
Columbuses are heading for the sea. B. Bagriantsev. Voen. znani. 42 no. 8:42-43 Ag '66.
- MOSCOW—NEWSPAPERS**
Secret of the headline. I. V. Kuznetsov. Vest. Mosk. un. Ser. lit. zhur. 21 no. 1:81-83 Ja-F '66.
- MOSCOW—OFFENSES AGAINST SOCIALIST PROPERTY**
Tids was a fruitful cooperation. B. Gubin, A. Syrov, I. Shraga. Sov. iust. 30 no. 10:18-19 My '66.
- MOSCOW—POLITICS AND GOVERNMENT**
[Bulletin of the Moscow Executive Committee] Biul. Ispol. kom. Mosk. gor. sov. no. 1 Ja '66.
- MOSCOW—PUBLIC PROSECUTORS**
Contact between the procuracy and the public helps in the strengthening of law and order. D. Kichatov. Sots. zakon. no. 5:65-67 My '66.
- MOLDAVIA—SOIL POLLUTION**
Clostridium tetani in soils of Moldavia in connection with their sanitary conditions. D. A. Volkova. Mikrobiol. prots. v pochv. Mold. no. 2:76-79 '66.
- MOSCOW—TELEVISION IN EDUCATION**
"According to prescribed lines." M. Genina. Sov. radio i tel. 12 no. 10:14-15 O '63.
- MOSCOW—TOOL AND DIE INDUSTRY—MANAGEMENT**
Improving the quality of parts and billets at the "Kalibr" Tool Plant in Moscow. P. G. Pal'chev, V. F. Kutsovskii. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 6:3-4 Je '66.
- MOSCOW—THEATERS**
Zograf, N. G. [Malyi Theater at the end of the 19th and beginning of the 20th centuries] Malyi teatr v kontse XIX-nachale XX veka. Moskva, Nauka, 1966. 601 p. illus.
- MOSCOW, BATTLE OF, 1941-1942**
Tamonov, F. I. [Moscow's heroic struggle; for the 25th anniversary of the Battle of Moscow in 1941] Ratnyi podvig Moskvy: k 25-letiiu bitvy pod Moskvoy v 1941 godu. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriya: Istoriia, no. 13)
- MOSCOW PROVINCE—RAILROADS—TIMETABLES**
[Timetable of the suburban trains for the summer of 1964; Moscow - Zavidovo - Kalinin, Moscow - Klin, Klin - Vysokovskaya] Raspisanie prigorodnykh poezdov na leto 1964 g. Moskva - Zavidovo - Kalinin, Moskva - Klin, Klin - Vysokovskaya. Leningrad, Transport, [1964] 40 p.
- [Timetable of the suburban trains for the summer of 1965; Moscow - Zavidovo - Kalinin, Moscow - Klin, Klin - Vysokovskaya] Raspisanie prigorodnykh poezdov na leto 1965 g. Moskva - Zavidovo - Kalinin, Moskva - Klin, Klin - Vysokovskaya. Leningrad, Transport [1965] 47 p.
- [Timetable of the suburban trains; Moscow - Balashikha - Noginsk - Petushki, the Kursk Station of the Moscow Railroad] Raspisanie dvizheniya prigorodnykh poezdov Moskva - Balashikha - Noginsk - Petushki, Kurskii vokzal Moskovskoi zh. d. Na leto 1966 g. Moskva, Transport, 1966. 71 p.
- MOSCOW PROVINCE—TECHNICAL LIBRARIES**
Reference materials in library of a steel plant. I. M. Lysikova. Tekhn. bibliot. SSSR no. 7:50-51 '65.
- MOSCOW PROVINCE—TEXTILE INDUSTRY—FINANCE**
New procedure of planning and economic stimulation in operation. M. Chesnokova. Fin. SSSR 40 no. 7:32-36 Ji '66.
- MOSCOW PROVINCE—TILLAGE**
For well-organized tillage of our fields. V. Konolop. Part. zhizn' no. 17:8-13 S '66.
- MOSCOW PROVINCE—VEGETABLE GARDENING**
Vegetables on a conveyor. A. Bellaeva. NTO 8 no. 8:27-31 Je '66.
- MOSCOW PROVINCE—VEGETABLE GARDENING—LABOR PRODUCTIVITY**
Pace of the time; a sketch. S. Zagoruiko. Agitator no. 6:29-31 Mr '64.
- MOSCOW VALLEY—GEOLOGY, STRATIGRAPHIC**
Upper Pliocene sediments in the lower Moscow basin. M. Kh. Mekhlina, I. A. Semenova. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 6: 22-27 Je '66.
- MOSQUITOES**
(see also subdivision under Ili Valley, Kazakhstan; Noril'sk region, Krasnoyarsk Territory)
Developmental cycle in *Culex pipiens molestus* Forsk. N. A. Tamarina. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2:48-56 Mr-Apr '66.
- MOSSES**
Hypophila Brid., a new genus of mosses in the U.S.S.R. L. V. Bardunov. Izv. SO AN SSSR no. 4. Ser. biol. - med. nauk no. 1:149 '66.
- MOTION OF FLUIDS IN PLANTS** see Plants, Motion of fluids in
- MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES**
[Photographic and motion-picture equipment] Ref. zhur. i Fotoknotekh. no. 6 Je '66. Predmetnyi ukazatel' za 1965 g.
- MOTION-PICTURE PLAYS**
Karaganov, A. V. [Motion pictures about Lenin and the Revolution] Fil'my o Lenine, o revoliutsii. Moskva, Znanie, 1966. 61 p. (Novoe v zhizni, nauke, tekhnike. VI Seriya: Literatura i iskusstvo, nos. 11/12)
- MOTION-PICTURE THEATERS—HEATING AND VENTILATION**
Moscow. Nauchno-issledovatel'skii institut sanitarnoi tekhniki. [Handbook on designing heating and ventilation systems for motion-picture theaters] Rukovodstvo po proektirovaniu otopeniia i ventilatsii kinoteatrov. Moskva, Stroizdat, 1966. 84 p.
- MOTION PICTURES**
Rachuk, I. A. [Your great friend] Tvoi bol'shot drug. [Moskva] Molodala gvardia, 1965. 189 p. illus.
- Shchukin, B. V. [Articles, reminiscences, materials] Stal', vospominaniia, materialy. Moskva, Iskusstvo, 1966. 333 p. (NcU)
- MOTION PICTURES IN CRIMINAL INVESTIGATION**
(see also subdivision under Kiev)
Motion-picture in the service of investigation. A. Kozhola. Sots. zakon. no. 5:19-10 My '66.
- MOTION PICTURES IN EDUCATION**
Present-day trends in the development of educational motion pictures. N. Shakhmaev. Nar. obr. no. 8:71-73 Ag '66.
- A "reanimated plaything." A. Mikhailov. Nar. obr. no. 8:65-67 Ag '66.
- MOTION PICTURES IN PSYCHOTHERAPY**
Motion picture on psychosis. L. M. Sukharevskii. Zhur. nevr. i psikh. 66 no. 8:1285-1286 '66.
- MOTION PICTURES IN SCIENCE**
Chemistry in the movie star. IU. Poshmanekii. NTO 8 no. 8:54 Je '66.
- MOTOR FUELS**
Alekseev, V. N., and others. [Nonmetallic materials for motor vehicles and tractors] Avtotraktornye nemetalicheskie materialy. Moskva, Transport, 1966. 370 p.
- MOTOR SHIPS** see subdivision under Lena River; White Russia
- MOTOR VEHICLES—ENGINES**
Gavrilov, A. K. [Liquid cooling systems for motor-vehicle and tractor engines; theory, design, construction and experimental studies] Sistemy zhidkostnogo okhlazhdeniya avtotraktornykh dvigatelei; teoriia, konstruktsiia, raschet i eksperimental'nye issledovaniia. Moskva, Mashinostroenie, 1966. 162 p.
- MOTOR VEHICLES—LUBRICATION**
Alekseev, V. N., and others. [Nonmetallic materials for motor vehicles and tractors] Avtotraktornye nemetalicheskie materialy. Moskva, Transport, 1966. 370 p.
- MOTOR VEHICLES—MAINTENANCE AND REPAIR**
Evlukhin, I. E., and M. I. Sheremet. [Podgotovka avtomobila k reisu i obsluzhivanie ego v puti. Izd. 2., perer. i dop. Moskva, Voenizdat, 1966. 104 p.
- Lesin, G. A. [Maintenance of motor vehicles; manual for preparation of course projects] Tekhnicheskoe obsluzhivanie avtomobiley; posobie po kursovomu proektirovaniu. [L'vov] Izd-vo L'vovskogo univ., 1966.
- Livshits, L. G., and A. V. Polinechenko. [Maintenance of motor-vehicle and tractor parts] Vozrastnoye avtotraktornykh detalей. Izd. 2., ispr. i dop. Moskva, KMA, 1966. 478 p.
- Tselin, G. D. [Maintenance of motor vehicles] Tekhnicheskoe obsluzhivanie avtomobila. Moskva, DOBAF, 1966. 167 p.
- MOTOR VEHICLES—TRANSMISSION DEVICES**
Double-flow gearbox. IU. A. Kluchikhin and others. Tekhn. i org. prodizv. no. 1:77-78 Ja-F '66.
- MOTORHOUSES** see subdivision under FII (Moscow Province)
- MOTORTRUCKS**
Give the green light to truck training. N. Potanin. Teoriia i praktika. 26 no. 6:21-23 Je '66.
- MOUTH—INNERVATION**
Morphological study of the nucleus of the sublingual nerve in man under normal conditions and in brain tumors. B. N. Lavina. Biol. eksp. biol. i med. 41 no. 4:110-114 Ap '66.
- MOVEMENT (PHYSIOLOGY)**
Activity of alpha-motoneurons in a rhythmical stimulation of the red nucleus and the influence of atropine on subcortical effects. A. I. Shapovalov, K. I. Shapovalova. Dokl. AN SSSR 166 no. 8:1430-1433 Je '66.
- Effect of the suprapharyngeal ganglion on the secretory movement apparatus in insects. A. K. Voskresenskaya, V. L. Sviderskii. Fiziol. zhur. 50 no. 7:835-840 Ji '64.
- Formation of motor habit in man under the alternating effect of overload and weightlessness. M. A. Chetverikhin. Biol. eksp. biol. i med. 42 no. 7:23-26 Ji '66.
- Motor responses of the Azov-Black Sea basin fish to seismic vibrations. N. V. Lebedev and others. Nauch.-issl. vuz. shkoly. biol. nauk 9 no. 3:118-119 '66.
- Plastic and tonic components of pyramidal effects of motoneurons. D. A. Vasilenko, I. G. Kozlov. Dokl. AN SSSR 169 no. 5:731-734 Ji '66.
- Postnatal development of congenital rhythmic movements of the extremities in rabbits caused by neonatal stimulation. L. N. Derzhabin. Biol. eksp. biol. i med. 42 no. 7:16-22 Ji '66.
- Study of congenital movements of the hind legs in rabbits in the early postnatal period. L. N. Derzhabin. Fiziol. zhur. 50 no. 7:820-827 Ji '64.
- MOVEMENT DISORDERS**
Case of hyperkinesia caused by unilateral lesion of the medial part of the optic thalamus in a dog. M. S. Il'kova. Biol. eksp. biol. i med. 41 no. 4:356-36 Ap '66.
- Emotional manifestations in patients during a long-term treatment with intracerebral electrodes. V. M. Shcheglov. Vop. psikh. 13 no. 3:83-95 My-Je '66.
- Movement disorders in focal lesion of mediotemporal part of temporal lobe. N. N. Bragina. Zhur. nevr. i psikh. 66 no. 8:1137-1141 '66.
- Tremor-like hyperkinesia as a model for the evaluation of the cholinergic activity of substances. A. N. Chetverikhin, S. I. Loktionov. Biol. eksp. biol. i med. 41 no. 4:375-378 Ap '66.
- MOZHAIKII, ALEKSANDR FEDOROVICH, 1823-1890**
Once more about A. F. Mozhaiskii's priority. Av. i kosm. no. 6:95 Ag '66.
- MUCORALES—CULTURES AND CULTURE MEDIA**
Effect of the developmental phase of *Trichothecium orchidii* on the transformation of *Botrytis cinerea* into atenuans S. G. K. Shvachin, E. M. Valonina, V. K. Eroshin. Izv. AN SSSR Ser. biol. 31 no. 4:549-553 Ji-Ag '66.
- MUCOUS MEMBRANE**
Role of glycoproteins in the mucous membranes of the stomach and intestine. A. A. Mustafakhanov. Biol. eksp. biol. i med. 40 no. 8:447-62 Je '66.
- MUD VOLCANOES** see subdivision under Georgia
- MULCHING**
Mulch of pruning materials left in the inter-row and its effect on the development of the root system, crown growth, and yield of tea. B. Kh. Piratkulaliev, B. V. Tret'akov. Subtrop. kul't. no. 1:74-84 '66.
- MULTIPLICATION—TABLES**
Iakovkin, M. V. [Computation tables; textbook for teachers] Vychislitel'nye tablitsy; posobie dlia uchitel'ov. Izd. 2., dop. Moskva, Prosveshchenie, 1966. 208 p.
- MUMPS—PREVENTIVE INOCULATION**
Stability of vaccinal stability in persons vaccinated with live parotitis vaccine. N. S. Kizachko, L. N. Mal'kova. Zhur. mikrobiol., epid. i immun. 43 no. 8:36-40 Ag '66.
- MUNICIPAL ORDINANCES** see Ordinances, Municipal

MUNICIPAL SERVICES—COSTS

Gol'tsman, L. N. [Economics of municipal services, accommodations, rates] Ekonomika kommunaln'ogo khoziaistva, ustugi, tarif. Moskva, Ekonomika, 1966. 190 p.

MUNITIONS

[Reference dictionary of the names of sample armament and combat equipment of capitalist countries and of the main companies producing armaments] Slovar'-spravochnik nazvaniy obraztsov vooruzheniya i boevoy tekhniki kapitalisticheskikh stran i osnovnykh firm, proizvodivshikh vooruzhenie. Moskva, Voenizdat, 1966. 197 p.

MURAL PAINTING AND DECORATION

Lobanovskiy, B. B. [Mosaics and frescoes] Mosaika i freska. Kiev, Myastetstvo, 1966. 148 p. illus.

MURMANSK COAST—ALGAE

Barashkov, G. K. [Algae of Murmansk Coast] Vodorosli Murmana. [Murmansk] Murmanskoe knizhnoe izd-vo, 1965. 79 p.

MUSCLES

Effect of cordamine and caffeine on the intramuscular pressure (tonus) of the skeletal musculature. F. E. Novikov. Sov. med. 20 no. 7:26-31 JI '66.

Glycogen content and the activity of phosphorylase in pathologically changed skeletal muscles. E. N. L'vovshevskaya. Arkh. pat. 20 no. 5:71-74 '66.

MUSCLES—CANCER

Membrane potential of malignant striated muscle fibers. E. P. Shuba. Tsitologiya 8 no. 3:387-391 My-Je '66.

MUSCLES—MOTILITY

Heat production in the acetylcholine and potassium contractions of the abdominal muscle in frog. I. A. Lomov. Dokl. AN SSSR 169 no. 1:223-226 JI '66.

MUSCLES—TRANSPLANTATION

Transplantation of the musculus erector spinae to the hip in paralysis of the musculus gluteus maximus following poliomyelitis. I. V. Ginzburg. Ortop., travm. i protez. 27 no. 7:9-15 JI '66.

MUSCULOSKELETAL SYSTEM—DISEASES

Characteristics of invalidism in persons with lesions of the locomotor apparatus; based on materials of the Medical Expert Commission of Work Ability. N. K. Kochurova. Ortop., travm. i protez. 27 no. 7:37-41 JI '66.

MUSEUM TECHNIQUES

Akademika khudozhestv SSSR, Institut teorii i istorii izobrazitel'nykh iskusstv, Sektor dekorativnykh iskusstv. [The art of modern exposition; exhibitions and museums] Iskusstvo sovremennoi ekspozitsii; vystavki, muzei. Pod red. V. P. Tolstogo, N. V. Voronova. Moskva, Sovetskii khudozhenik [1965] 164 p.

MUSHROOMS, EDIBLE

Vasil'kov, B. P. [Edible pore-mushroom; a monograph on one species] Belyi grib; opyt monografiy odnogo vida. Moskva, Nauka, 1966. 130 p.

MUSIC

(see also subdivision under Poland)

Gruber, R. I. [World history of music] Vseobshchaya istoriya muzyki. Izd. 3. Moskva, Muzyka. Pl. 1. 1965. 484 p.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—HISTORY AND CRITICISM

[Russian musical literature] Russkaya muzykal'naya literatura. Izd. 3., perer. Moskva, Muzyka, 1955-(NIC)

MUSIC—PERIODICALS see subdivision under Slovakia

MUSIC—PHILOSOPHY AND AESTHETICS

Thomas Mann on the artists of bourgeois culture. N. Dmitrieva. Sov. muz. 30 no. 5:11-21 My '66.

MUSIC—THEORY—CONGRESSES

From the conference on theory. I. Lashenko and others. Sov. muz. 30 no. 5:22-33 My '66.

MUSIC, GEORGIAN

Podzemskaya, L. P. [M. M. Ippolitov-Ivanov and the Georgian musical culture] M. M. Ippolitov-Ivanov i gruzinskaya muzykal'naya kul'tura. [Tbilisi, Zaria Vostoka, 1965] 149 p. (MH)

MUSIC, MOLDAVIAN

Moldavian melodies. E. Tkach. Sov. muz. 30 no. 5:127-129 My '66.

MUSIC, WHITE RUSSIAN

International structure of White Russian lyric melodies. T. A. Dubkova. Vestsi AN BSSR, Ser. hram. nav. no. 2:88-95 '66.

White Russian music today. N. Shumakova. Sov. muz. 30 no. 5:124-127 My '66.

MUSIC TRADE

Kotliarov, B. I. A. [From the history of the musical ties of Moldavia, the Ukraine and Russia; essays and materials] Iz istorii muzykal'nykh svyazey Moldavii, Ukrainy i Rossii; ocherki i materialy. Kishinev, Kartia Moldovenaske, 1966. 120 p.

MUSICAL INSTRUMENTS

Kotliarov, B. I. A. [From the history of the musical ties of Moldavia, the Ukraine and Russia; essays and materials] Iz istorii muzykal'nykh svyazey Moldavii, Ukrainy i Rossii; ocherki i materialy. Kishinev, Kartia Moldovenaske, 1966. 120 p.

MUSICAL INSTRUMENTS, ELECTRONIC

Development of an electronic organ with harmonic synthesis. S. G. Korsunskii. Trudy VNAIZ no. 8:126-135 '61.
"Shumofon" noise and percussion electric musical instrument. P. M. Kozlov. Trudy VNAIZ no. 6:115-125 '61.

MUSICIANS—CORRESPONDENCE, REMINISCENCES, ETC.

Letters to P. I. Chalkovskii. Sov. muz. 30 no. 5:112-118 My '66.

MUSKRATS

(see also subdivision under Ryazan Province)
Interrelationship between muskrat and desman. V. G. Skoptsov. Zool. zhur. 45 no. 7:112-114 '66.

MUSSELS see subdivision under Black Sea

MUSTARD

Intoxication of mustard seedlings due to preplanting treatment by insecticides. S. M. Vakhrameeva. Khim. v sel. khoz. 4 no. 7:12-15 JI '66.

MUTAI, RISAKI, 1890-

In search of happiness. I. B. Kozlovskii. Vop. filoa. 20 no. 7:180-183 '66.

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Legal forms guaranteeing interstate specialization and production cooperation of the member states of the Mutual Economic Assistance Council. M. M. Boguslavskii. Sov. gos. i pravo 36 no. 8:3-11 Ag '66.

MYCOBACTERIUM

Use of Tobrov's apparatus for taking blood and for the preparation and spreading of blood medium in the cultivation of Mycobacterium tuberculosis using the micro-method. N. F. Bibik. Lab. delo no. 8:504-505 '66.

MYOPIA—PREVENTION

State of refraction in schoolchildren of Ashkhabad and measures to prevent progress of myopia. G. S. Berdyeva, Kh. D. Dardiyev. Trudy Turk. nauch. issl. trakh. inst. 2:205-208 '66.

MYOSINS

Changes in mechanical and electrical properties of the monomolecular film of crystalline myosin, irradiated in small doses. K. Sh. Nadarashvili, A. R. Egluzarova. Radiobiologiya 6 no. 4:503-508 '66.

MYSTICISM

Collins, Mabel. [Mystery of the year; excerpts from the books "History of the year" and "When the sun moves west"] Misteriya goda; vypleki iz knig "Istoriya goda" i "Kogda Solntse dvizhetsya na Sever." Boston, Alia, 1965. 87 l.

NAILS AND SPIKES—STANDARDS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Wire nails] Gvozdi provolochnye, GOST 4036-63—GOST 4030-63, GOST 4032-63—GOST 4035-63 i GOST 263-63. Izd. oftsial'noe. Moskva, [Izd-vo Standartov] 1965. 23 p. (SSSR. Gosudarstvennye standarty)

NAKHICHEVAN A. S. S. R.—AMMONOIDEA

Triassic Ammonoidea of the Nakhichevan A. S. S. R. O. G. Tamanskaya. Dokl. AN SSSR 168 no. 6:1365-1366 Je '66.

NAPHTHALAN—TOXICOLOGY

Pathomorphological changes in internal organs of animals following the penetration of naphthalan through the skin. M. S. Gursiev. Sbor. nauch. trud. SOGM no. 11: 128-134 '64.

NAPHTHALENE

Stereochemistry of cyclic compounds. Report No. 66; Stereochemistry of oxidation by peracetic acid of the adduct of trans-1-vinyl-6-acetoxy-9-methyl-Δ¹⁰-octalin with maleic anhydride. I. M. Mil'shtein, I. A. Gurvich, V. F. Kucherov. Izv. AN SSSR, Ser. khim. no. 7:1203-1209 '66.

Ternary system with demixing urea - α-naphthol - naphthalene. A. G. Palobekov, A. G. Bergman. Zhur. ob. khim. 36 no. 7:1181-1183 JI '66.

NAPHTHALENE—TOXICOLOGY

Synthesis and structural and bactericidal activity of amino sulfamide derivatives of naphthalene. V. I. Blyzniukov, V. P. Stukhina. Farmatsev. zhur. 20 [i. e. 21] no. 4:6-13 '66.

NAPHTHALENE-DISULFONIC ACID

Chromotropic complexes of titanium in dimethylformamide. N. V. Chernaya, S. I. A. Shaidormon. Zhur. ob. khim. 36 no. 7:1165-1170 JI '66.

NAPHTHOL

Feasibility diagram of the ternary system urea - α-naphthol - resorcinol. A. G. Palobekov, A. G. Bergman. Zhur. ob. khim. 36 no. 7:1185-1186 JI '66.

Ternary system with demixing urea - α-naphthol - naphthalene. A. G. Palobekov, A. G. Bergman. Zhur. ob. khim. 36 no. 7:1181-1183 JI '66.

NATIONAL PARKS AND RESERVES

Bannikov, A. G. [Through the reserves of the Soviet Union] Po zapovednikam Sovetskogo Soyuza. Moskva, Mysl', 1966. 222 p. illus.

NATIONALISM see subdivision under Africa

NATIONALISM AND SOCIALISM

Conception of "true nationalism" and its reactionary nature; on the example of the political ideology of India. A. G. Bol'sheki. Nar. Az. i Afr. no. 4:16-26 '66.

NATIONALITIES

(see also subdivision under Siberia; United States)

History of V. I. Lenin's theoretical study of the nationalities problem. I. I. Semenov. Nar. Az. i Afr. no. 4:106-129 '66.

An important problem of sociological research. S. Iur'eva. Vestsi AN BSSR, Ser. hram. nav. no. 2:131-132 '66.

The nature of the rapprochement process in the family of socialist nationalities. G. O. Zimanas. Vop. filoa. 20 no. 7:3-12 '66.

Some problems in Lenin's theory on the nationalities question; the publication of V. I. Lenin's complete works. G. Z. Sorokin. Nar. Az. i Afr. no. 4:207-215 '66.

Two trends in the development of socialist nations. I. I. Shiriniev. Ukr. ist. zhur. 10 no. 6:76-81 Je '66.

NATURAL GAS see Gas, Natural

NATURAL RESOURCES

Natural resources and politics. L. Karpov. Nov. vrem. 24 no. 35:10-19 Ag '66.

Natural resources of Tula, Kaluga, Orel, and Bryansk Provinces and their economic evaluation. V. I. Gonchar. Blud. MOIP, Otd. geol. 41 no. 2: 150-151 Mr-Ap '66.

NATURAL RESOURCES—BIBLIOGRAPHY see Bibliography—Natural resources

NAVAL DISCIPLINE

How does my son fulfill his service? I. Sokolov. Voen. znani. 42 no. 3:13 Ag '66.

NAVAL EDUCATION

(see also subdivision under Leningrad; Moscow)

Knowledge of related specialties for students. A. F. Spiridonov. Mor. sbor. 49 no. 6: 51-52 Je '66.

Persistently increase successes in combat training. Mor. sbor. 49 no. 6: 33-42 Je '66.

NAVAL TACTICS

The officer's tactical field of view. V. I. Ievlov. Mor. sbor. 49 no. 6: 43-47 Je '66.

NAVASHIN, MIKHAIL SERGEEVICH, 1890-

Mikhail Sergeevich Navashin; on his 70th birthday. N. A. Chukunova. Tsitologiya 8 no. 3:453-459 My-Je '66.

NAVIES see subdivision 'Navy' under Russia; United States

NAVIGATION

(see also subdivision under Volga-Baltic Sea Waterway)

Zubov, V. I. [Theory of optimum control of ships and other mobile objects] Teoriya optimal'nogo upravleniya sudnom i drugimi podvizhnymi ob'ektami. Leningrad, Sudostroenie, 1966. 351 p.

NAVIGATION—SAFETY MEASURES

Tropical cyclones and navigation safety. F. V. Sadkeev, E. N. Fudicheva. Mor. sbor. 49 no. 6: 57-65 Je '66.

NECROSIS

Cytonecrotic pneumonia and focal necrosis of adrenal glands with calcium deposition in a child. V. A. Samonov, A. A. Filippova. Arkh. pat. 28 no. 6:64-67 '66.

NEMAN VALLEY—DESCRIPTION AND TRAVEL

Stil'au, A. I. [By the paths of Neman Valley; travel sketches] Sveshchenniy Prylomannia; darozhnyia zamalovki. Minsk, Dzlarzh. vyd-va BSSR, red. dzitsachal III-ry, 1962. 204 p. (NN)

NEMATOCIDES

Chemical preparations for controlling nematodes; review of literature, V.I. Chekalina. Khim. v sel'. khoz. 4 no. 8:28-36 Ag '66.

NEMATODE DISEASES OF PLANTS

Chemical preparations for controlling nematodes; review of literature, V.I. Chekalina. Khim. v sel'. khoz. 4 no. 8:28-36 Ag '66.

Nematode infection of spring wheat, Z. Mamonova, P. Smirnov. Zashch. rast. 11 no. 7:13-14 '66.

NETS NATIONAL AREA—ETHNOLOGY

Khomic, L.V. [Nets; historical and ethnographical studies] Nets; istoriko-etnograficheskie ocherki. Moskva, Nauka, 1966. 326 p.

NEPAL—SOCIAL CONDITIONS

Director from Katmandu, V. Turkin. Az. i Afr. seg. 10 no. 8:38-39 Ag '66.

NEPHELINE SYENITE

Study of some mineral equilibria in connection with the problem of facies alkalinity and the depth of occurrence of nepheline syenites, L.L. Perchuk. Izv. AN SSSR. Ser. geol. 31 no. 7:48-53 JI '66.

NEPTUNIUM ISOTOPES

Spontaneous fission of a neutron-deficient neptunium isotope with a half-life of 60 sec, V.I. Kuznetsov, N.K. Skobelev, G.N. Plerov. IAd. fiz. 4 no. 2:279-291 Ag '66.

NERVES

Characteristics of postirradiation death of differentiating nerve cells. Report No. 1. Study of chick embryos, IU. V. Korogodina. Radiobiologiya 6 no. 4:560-564 '66.

Data on the analysis of functionally determined changes in the size of nerve cell body and nucleus, IU. A. Geinisman. TSitologiya 8 no. 3:345-358 Mye-Je '66.

Nature of the effect of the inhibitory nerve on the adductor muscle of the claw in crayfish, V.G. Oveshkin. Biol. eksp. biol. med. 61 no. 4:10-15 Ap '66.

NERVES, PERIPHERAL—DISEASES

Lesions of the peripheral nervous system in rheumatic fever and lupus erythematosus, T.A. Kozlova. Trudy TSU 81: 37-40 '65.

Reactions of the neuromuscular apparatus and the vascular system to the procedure of massage in diseases of the peripheral nervous system, A.V. Sirotkina. Trudy TSU 81: 48-53 '65.

NERVES, PERIPHERAL—WOUNDS AND INJURIES

Ultrasound in the treatment of traumas of the peripheral nervous system, M.I. Antropova. Trudy TSU 81: 41-47 '65.

NERVES, SPINAL

Level of the activity of motoneurons of the spinal cord and changes in the RNA content of their cytoplasm in focal tetanus, IU. A. Geinisman, G.N. Kryzhanovskii, A. A. Polgar. Biol. eksp. biol. med. 61 no. 4:27-31 Ap '66.

Posterioradicular respiratory afferent impulses during breathing under conditions of excess intrapulmonary oxygen tension, G.G. Chernova, M.V. Kirzon, A.M. Maes. Biol. eksp. biol. med. 62 no. 7:30-34 JI '66.

NERVES, SPANCHNIC

Role of the splanchnic nerves in the transmission of effects from the hypothalamus on the absorption in the small intestine, Z.O. Dobrovolska. Fiziol. zhur. [Ukr.] 12 no. 4:465-470 JI-Ag '66.

NERVOUS SYSTEM

Akademila nauk Gruzinskoi SSR, Tiflis. Institut fiziologii. [Present-day problems of activity and structure of central nervous system] Sovremennye problemy delatel'nosti i stroenia tsentral'noi nervnoi sistemy. Tbilisi, Metsnereba, No. 14. 1965. 233 p.

Analysis of humoral and neural effects on the vessels of extremities during stimulation of the splanchnic and brachial nerves, I.M. Rodionov, V.P. Kulagin. Fiziol. zhur. 50 no. 7:847-854 JI '64.

Connection of functional motility of nervous system in athletes with their occupational activity, G.V. Popov, L.N. Kurkhi. Zhur. vys. nerv. delat. 16 no. 4:596-602 JI-Ag '66.

Effect of athletic activity on the functional motility of the human nervous system, A.I.E. Khilchenko, M.F. Kurkhi. Fiziol. zhur. [Ukr.] 12 no. 4:441-446 JI-Ag '66.

Effect of multiple irradiation with intermittent current ultraviolet radiation on the higher nervous activity in white rats, A.A. Kryzova. Fiziol. zhur. [Ukr.] 12 no. 4:447-451 JI-Ag '66.

Effect of X-ray irradiation on the sensitivity of the central nervous system to hexenal, B.M. Butaev. Shor. nauch. tr. SOGMI no. 11:117-119 '64.

Morphological changes in the nervous system in tetanus, G.N. Tsybuliak, D.I. Smeshnoi. Biol. eksp. biol. med. 61 no. 4:32-36 Ap '66.

Morphophysiological studies of effect of indopan on processes of higher nervous activity, G.N. Krivitskaia, T.A. Merling. Zhur. vys. nerv. delat. 16 no. 4:640-654 JI-Ag '66.

Pavlenko, S.M. [Problem of reactivity in the light of neurotrophic theory; lecture] Problema reaktivnosti v svetle neurotroficheskoi teorii i tekst. [2. izd.] Moskva, 1-1 med. in-t, 1965. 51 p.

Seminar of Vilnius State University "Dynamics of neuron network," E.N. Sokolov, S.A. Kuznetsov. Zhur. vys. nerv. delat. 16 no. 4:762-764 JI-Ag '66.

The theory of the development of higher mental functions in Soviet psychology, A.R. Lurita. Vop. filoz. 20 no. 7:72-79 '66.

TSirul'skii, B. IA. [To keep the nerves strong] Chitoby nervy byli krepkimi. Moskva, Znanie, 1966. 60 p. (Narodnyi universitet: Fakul'tet zdorov'ia, no. 12)

NERVOUS SYSTEM—CAMELS

Neural plate in the Bactrian camel, G.A. Shmidt, IU. A. Pliashov, V.G. Shaganova. Dokl. AN SSSR 168 no. 6: 1436-1438 Je '66.

NERVOUS SYSTEM—DISEASES

Organic neurological symptomatology in Itsenko-Cushing disease, L.S. Soekin. Zhur. nev. i psikh. 66 no. 8: 1145-1148 '66.

Use of stabilography in clinical treatment of neural diseases, IU. V. Terokhov, E.A. Morozova. Zhur. nev. i psikh. 66 no. 8:1156-1162 '66.

NERVOUS SYSTEM—SURGERY

Kazan. Nauchno-issledovatel'skii institut travmatologii i ortopedii. [Prevention and treatment of lesions and diseases of the musculoskeletal apparatus. Some problems of neurosurgery. Materials of the report session of the Institute and its supporting branches of February 26-28, 1963] Profilaktika i lechenie travm i zabolevani oporno-dvigatel'nogo apparata. Nekotorye voprosy neirokhirurgii. Materialy itogovoi nauchnoi sessii Instituta i ego nauchno-opornykh punktov, 1963 g. Kazan', [1963] 205 p. (DNLN)

NERVOUS SYSTEM, AUTONOMIC

Morphological changes in hypothalamus in vegetative disorders caused by strong acoustic excitation, G.N. Krivitskaia, S.M. Nichev. Zhur. nev. i psikh. 66 no. 8:1177-1183 '66.

Role of the vegetative nervous system in the changes of the secretory function of the stomach during muscular activity, T.I. Svyatun. Fiziol. zhur. [Ukr.] 12 no. 4:459-464 JI-Ag '66.

NERVOUS SYSTEM, AUTONOMIC—CONGRESSES

Vsesoyuznoe soveshchaniye po voprosam fiziologii vegetativnoi nervnoi sistemy i mozhechka. [Reports of the All-Union Conference on Problems of the Physiology of the Vegetative Nervous System and Cerebellum] Sbornik dokladov soveshchaniya. Erevan, Armianskoe otd-nie Vses. ob-va fiziologov im. I.P. Pavlova. Vol. 1. 1961. 1 v. (CU)

NERVOUS SYSTEM, EFFECT OF RADIATION ON Akademila nauk SSSR. Institut vysshei nervnoi delatel'nosti i neurofiziologii. [Studies on neuroendocrinological effect] Issledovaniya neiroendokrinologicheskogo efekta. Moskva, Nauka, 1966. 245 p.

NERVOUS SYSTEM, PARASYMPATHETIC

Concentration and nucleotide composition of nucleic acids in different parts of the heart in dogs during the exclusion of extracardiac parasympathetic influences, L.A. Kopteva, N.M. Dmitrieva. Biol. eksp. biol. med. 61 no. 4:47-51 Ap '66.

NERVOUS SYSTEM, SYMPATHETIC

Catechol amine metabolism in the sympathetic ganglion during stimulation of the preganglionic fibers in irradiated animals, L.D. Klimovskaya, A.P. Maslova. Biol. eksp. biol. med. 62 no. 7:38-41 JI '66.

Effect of the suprapharyngeal ganglion on the segmentary movement apparatus in insects, A.K. Voskresenskaya, V.L. Sviderskii. Fiziol. zhur. 50 no. 7:835-840 JI '64.

Electric activity of solitary neurons of the sympathetic ganglia in frogs, V.I. Skok, L.A. Pronavich. Fiziol. zhur. 50 no. 7:828-834 JI '64.

Receptor function of the superior cervical sympathetic ganglion, V.N. Kallunov. Fiziol. zhur. 50 no. 7: 841-848 JI '64.

Separation of afferent and efferent impulses in the conductors of sympathetic nerves in a chronic experiment with local reversible cooling, A.D. Nodarchev. Biol. eksp. biol. med. 62 no. 7:13-17 JI '66.

Significance of the sympathetic nervous system in the regulation of the biligentic function of the liver, G.E. Saburov. Fiziol. zhur. 50 no. 7:888-893 JI '64.

NERVOUS SYSTEM, VASOMOTOR

Changes in vasomotor reactions in the process of the degeneration of sympathetic vasomotor fibers, I.M. Rodionov. Vest. Mosk. un. Ser. 8: Biol. pochy. 21 no. 2:8-16 Mr-Ap '66.

Effect of afferent impulsion from the baroreceptors of the carotid sinus on the excitability of the vasomotor center, Chang Ch'ung. Fiziol. zhur. [Ukr.] 12 no. 4: 532-534 JI-Ag '66.

NETHERLANDS—MARITIME LAW

Decisions of Dutch courts. Shor. mat. TSNIMF no. 156. Mor. pravo i prak. no. 31:55-56 '66.

NEURAMINIC ACID

Benzhydryl ester of N-acetylneuraminic acid, A. IA. Khorlin, I.M. Privalova. Izv. AN SSSR. Ser. khim. no. 7:1261-1263 '66.

NEUROCHEMISTRY

Akademila nauk SSSR. Nauchnyi sovet po probleme "Biokhimiia zhivotnykh i cheloveka." [Problems of neurochemistry] Problemy neirokhimii. Moskva, Nauka, 1966. 222 p.

NEUROLOGY

Neuropsychology and its significance for science of psychology, A.R. Lurita. Zhur. nev. i psikh. 66 no. 8: 1129-1132 '66.

NEUROPSYCHIATRY

Late neuropsychic disorders in children having had erythroblastosis fetalis, E.S. Kalitshuk. Trudy TSU 81: 62-67 '65.

Mental characteristics in children having had asphyxia during birth and resuscitated by means of artificial respiration apparatus, E.M. Mastlukova. Trudy TSU 81: 68-72 '65.

Vsesoyuznyi s'ezd nevropatologov i psikhiatrov. 4th, Moscow, 1963. [Transactions of the 4th All-Union Congress of Neuropathologists and Psychiatrists] Trudy. Moskva, Vses. nauchn. med. ob-vo nevropatologov i psikhiatrov. Vol. 7. Babalan, E.A., and others, eds. [Organization of psychoneurological aid] Organizatsiia psikhonevrologicheskoi pomoshchi. 1965. 316 p. (DNLN)

NEUTRINOS

Underground neutrino experiments, I.M. Zheleznykh. Usp. fiz. nauk 80 no. 3:514-520 JI '66.

NEUTRON BEAMS

Attenuation of high-energy neutron fluxes by heterogeneous shielding, L.N. Zaitsev and others. Atom. energ. 21 no. 1:56-57 JI '66.

Homogenization of a heterogeneous periodic system, V.M. Novikov. Atom. energ. 21 no. 1:46 JI '66.

Ionization chamber with silver electrodes for measuring thermal neutron fluxes at high levels of the concomitant gamma radiation, A.I. Kukarin, A.I. Khovanovich. Atom. energ. 21 no. 1:49-50 JI '66.

NEUTRON BOMBARDMENT

Reaction of deuterium splitting by 14 Mev. neutrons, IU. I. Chernukhin, R.S. Shuvalov. IAd. fiz. 4 no. 2:272-278 Ag '66.

NEUTRONS

Gorskov, G.V., and others. [Natural neutron background of the atmosphere and the earth's crust] Estestvennyi neitronnyi fon atmosfery i zemnoi kory. Moskva, Atomizdat, 1966. 409 p.

Method for delimiting oil and water carrying layers based on the recording of delayed neutrons, M.M. Dorosh and others. Atom. energ. 21 no. 1:35-41 JI '66.

Neutron states in a deformed optical potential, P.E. Nemirovskii, V.A. Chupurnov. IAd. fiz. 3 no. 5: 998-1010 Je '66.

Spontaneous polarization of neutrons in magnetic and electric fields, V.L. Llubshits. IAd. fiz. 4 no. 2:248-271 Ag '66.

NEUTRONS—CAPTURE

Cross sections of the radiative capture of 30-170 Kev. neutrons, V.N. Kononov. IAd. fiz. 4 no. 2:262-262 Ag '66.

Gamma-ray spectrum engendered in the capture of thermal neutrons in tellurium, L.V. Groshev, A.M. Demidov, N. Shadlev. IAd. fiz. 4 no. 2:238-245 Ag '66.

Radiative capture of fast neutrons by the Cu⁶³ isotope, V.A. Tolstikov and others. Atom. energ. 21 no. 1: 45-40 JI '66.

NEUTRONS—PHYSIOLOGICAL EFFECT

Relative biological effectiveness of fast neutrons and gamma rays following their action on the loach sperm and DNA of irradiated sperm, IA. L. Shekhtman, I. Breikhs, V.A. Struchkov. Radiobiologiya 6 no. 4: 495-499 '66.

NEUTRONS—SCATTERING

Neutron scattering on conduction electrons in a quantized magnetic field, G.A. Kharadze. Elektron. i ion. prots. v tver. tel. no. 2:82-88 '66.

Scattering of slow neutrons on domain walls in a ferromagnet, I.G. Ratishvili. Elektron. i ion. prots. v tver. tel. no. 2:89-95 '66.

- NEW MATTER (CIVIL PROCEDURE)**
New matter in civil cases on the appellate or supervisory level. A. Kalpin. *Sots.zakon.* no.5:30-41 My '66.
Specific aspects and limits for the evaluation of evidence by higher courts. V.D. Arsen'ev. *Sov.gos. i pravo* 36 no.8:67-74 Ag '66.
- NEW STATES** see *States, New*
- NEWSPAPERS**
(see also subdivision under *Moscow*)
Notes on information. N.G. Pal'gunov. *Vest.Mosk.un.* Ser.II: Zhur. 21 no.1:7-16 Ja-F '66.
The 'today' of newspaper polemics. V.V. Uchenova. *Vest.Mosk.un.Ser.II: Zhur.* 21 no.1:17-26 Ja-F '66.
- NEWSPAPERS—ILLUSTRATIONS**
Some problems of color format for newspapers. V.V. Popov. *Vest.Mosk.un.Ser.II: Zhur.* 21 no.1:40-48 Ja-F '66.
- NICKEL—ELECTROMETALLURGY**
Investigating the preparation of nickel powder by electrolysis. A.V. Pomosov, A.A. Iln', L.B. Murashova. *Porosh.met.* 6 no.7:1-9 Ji '66.
- NICKEL—HARDENING**
Heat resistance of precipitation hardened nickel. T.G. Kravchenko and others. *Zashch.met.* 2 no.3:312-317 My-Je '66.
- NICKEL ALLOYS—INCLUSIONS**
Interaction between a liquid heat resistant nickel alloy and the lining of a smelting furnace. A.A. Fedina and others. *Stal* 26 no.6:510-522 Je '66.
- NICKEL ALLOYS—TESTING**
Temperature dependence of the mechanical properties of the ordered Ni₃Al solid solution. No. 1. Behavior at the yield limit. L.E. Popov, E.V. Kozlov, N.A. Alekseyev. *Fiz.met.i metalloved.* 21 no.5:755-761 My '66.
- NICKEL-BERYLLIUM ALLOYS—HARDENING**
Anomalous changes in the X-ray interference picture during the aging of nickel-beryllium alloys. K.V. Var'ii, I.U.A. Skakov, I.A. Sumanekii. *Fiz.met.i metalloved.* 21 no.5:779-781 My '66.
- NICKEL-CHROMIUM-ALUMINUM ALLOYS—METALLOGRAPHY**
X-ray parameters and the stress-rupture strength of Ni-Cr-Al alloys. I.L. Mirkin, O.D. Kanchev. *Fiz.met.i metalloved.* 21 no.5:762-769 My '66.
- NICKEL-COBALT-ALUMINUM ALLOYS** see *Cobalt-nickel-aluminum alloys*
- NICKEL COMPOUNDS**
X-ray diffraction data on the composition and structure of one of the hydrazine-carboxylic compounds of nickel. M.K. Guseynova and others. *Dokl.AN SSSR* 169 no.3: 577-578 Ji '66.
- NICKEL FERROCYNANIDES**
Effect of anions on the sorption of alkali elements by nickel ferrocyanide. S.A. Kolesova, V.V. Vol'khin. *Izv.AN SSSR, Neorg.mat.* 2 no.6:1110-1114 Jo '66.
- NICKEL HALIDES**
Possibility of the formation in aqueous solution of the halide complexes of Ni (II) with tetrahedral coordination of ligands. S.N. Andreev, V.G. Khaldin, M.V. Andreeva. *Dokl.AN SSSR* 169 no.1:95-97 Ji '66.
- NICKEL-IRON ALLOYS** see *Iron-nickel alloys*
- NICKEL-IRON-ALUMINUM ALLOYS** see *Iron-nickel-aluminum alloys*
- NICKEL ISOTOPES**
Differential cross sections of 13.6 Mev. deuterons elastically scattered by nickel and copper isotopes. O.F. Nemets and others. *Ad.fiz.* 3 no.6:1048-1052 Je '66.
- NICKEL PLATING**
Electroplating is sufficient. *Izobr.i rats.* no.6:13 Jo '66.
- NICKEL-TITANIUM ALLOYS—METALLOGRAPHY**
Nickel diffusion in the solid solution and two-phase alloys of the system nickel - titanium. A.IA. Shinaev. *Fiz.met.i metalloved.* 21 no.5:721-726 My '66.
- NICKETHAMIDE—PHYSIOLOGICAL EFFECT**
Effect of cordamine and caffeine on the intramuscular pressure (tonus) of the skeletal musculature. F.E. Novikov. *Sov.med.* 20 no.7:20-31 Ji '66.
- NICOTINE**
Decay of nicotine-C¹⁴ in relation to protein biosynthesis. G.S. Il'in. *Dokl.AN SSSR* 169 no.1:232-234 Ji '66.
- NICOTINIC ACID—EFFECT ON SEEDS** see *Seeds, Effect of nicotinic acid on*
- NIGERIA—ECONOMIC CONDITIONS**
Economic troubles of Nigeria. N.N. Volin. *Nar. Az.* 1 Afr. no.4:38-46 '66.
- NIGERIA—PETROLEUM INDUSTRY**
"Floating platforms" in Nigeria. K. Karpovich. *Az.* 1 Afr. seg. 10 no.8:44 Ag '66.
- NIKEL' (MURMANSK PROVINCE)—CONSTRUCTION INDUSTRY**
Vicious circle of idle time. I. Kardanov. *Sov. profsoyuz* 22 no.14:19-20 Ji '66.
- NIOBATES**
Synthesis of pyroperoxenichates of alkali metals. K.I. Solozneva. *Izv.AN SSSR, Ser.khim.* no.7:1281-1285 '66.
- NIOBIMUM—SPECTRA**
Determining impurities in high-purity niobium. N.N. Kuznetsov, L.S. Krauz. *Met.i metalloved.chist. met.* no.5:66-72 '66.
- NIOBIMUM-CHROMIUM ALLOYS** see *Chromium-niobium alloys*
- NIOBIMUM COMPOUNDS**
Structure and properties of the Nb₃(Sn₂Al₂Ge₂). I.V. Teev, V.P. Shamrai. *Izv.AN SSSR, Neorg.mat.* 2 no.6:1038-1045 Je '66.
- NIOBIMUM-ZINC ALLOYS—METALLOGRAPHY**
Studying alloys of the system Nb - Zn. A.I. Evstukhin, I.U.G. Godin, V.I. Lakovleva. *Met.i metalloved.chist. met.* no.5:51-59 '66.
- NIOBIMUM-ZIRCONIUM ALLOYS** see *Zirconium-niobium alloys*
- NITRATES—EFFECT ON PLANTS** see *Plants, Effect of nitrates on*
- NITRIFICATION**
Effect of some chemical compounds on processes of ammonification and nitrification in soil. R.M. Chernobrovina. *Mikrobiol. prots.v pochv.* Mold. no.2:66-71 '66.
- NITRILES**
Carrying out the alkali hydrolysis of nitriles according to the periodic scheme. V.A. Linetskii, B.R. Serobrakov. *Izv.vys.ucheb.zav.; nef't i gaz* 9 no.3:55 '66.
- Copolymerization of ethylene oxide with aceto-, benzo-, and acrylonitriles. A.A. Durganjan, R.A. Arakellian. *Vysokom.socd.* 6 no.8: 1321-1325 Ag '66.
- Esters of α -cyanovinylphosphonic acid. A.N. Padovik, G.E. Iastrebova, V.I. Nikitina. *Zhur.ob.khim.* 36 no.7:1232-1236 Ji '66.
- α , γ -Bis(trichlorophosphazo)- α , β , β , α , α , β , β -octachloralkenes. V.I. Shevchenko, V.P. Kukhar'. *Zhur.ob.khim.* 36 no.7:1260-1263 Ji '66.
- NITROGEN**
Micro-organisms and nitrogen nutrition of plants. I.V. Alekseyandrov. *Pochvovedenie* no.8:33-36 Ag '66.
- Nitrogen and tomato streak. I.U. Vlasov, A. Abdulkarimova. *Zashch.rast.* 11 no.7:64 '66.
- NITROGEN—EFFECT ON PLANTS** see *Plants, Effect of nitrogen on*
- NITROGEN FERTILIZERS**
Effect of micro-organisms on synthesis of humic substances in soil as related to use of nitrogen fertilizers along with straw and other plant residues. I.S. Zakharov, N.P. Taran. *Mikrobiol. prots.v pochv.* Mold. no.3:12-22 '66.
- Effect of times and methods of the use of fertilizers on the yield of winter rye grown as a green fallow crop. K.A. Kostrov, M.I. Koronkov. *Khim.v sel'khoz.* 4 no.6:2-4 Ag '66.
- NITROGEN-FIXING MICRO-ORGANISMS** see *Micro-organisms, Nitrogen-fixing*
- NITROPARAFFINS**
Kinetics of trinitromethane addition to acrylic acid in water. S.S. Novikov, I.S. Ivanova. *Izv.AN SSSR, Ser.khim.* no.7:1138-1143 '66.
- NITROSO COMPOUNDS**
Catalytic reduction of aromatic nitroso compounds by 2,6-dimethyl-3,5-dicarboethoxy-1,4-dihydropyridine. D.D. Mozulskii, M.L. Khidkei'. *Izv.AN SSSR, Ser.khim.* no.7:1263-1265 '66.
- NITROSOMONAS—CULTURES AND CULTURE MEDIA**
Morphological forms of *Nitrosomonas europaea* and their physiological characteristics. V.A. Ermachenko. *Izv.AN SSSR, Ser.biol.* 31 no.4:538-540 Ji-Ag '66.
- NITROSYL CHLORIDE**
Photochemical nitrosation of cyclododecane by nitrosyl chloride. M.P. Lazareva, A.A. Sirel'tsova, M.N. Porinova. *Neftokhimiya* 4 no.3:468-471 My-Ju '66.
- NITRYL GROUP**
Interaction of nitryl fluoride with alkylperfluorovinyl ethers. Synthesis of α -nitroperfluorocarboxylic acid esters. B.L. Diatkin, H.A. Bekker, I.L. Knaulants. *Dokl.AN SSSR* 168 no.6:1319-1322 Je '66.
- NIZHNIY TAGIL—COKING PLANTS—EQUIPMENT AND SUPPLIES**
At the by-product coke plant of the Novotagil'skiy Metal-urgical Combine. M. Pashin. *Koka i khim.* no.5:63 '66.
- NIZHNYAYA TUNGUSKA** see *Lower Tunguska Valley*
- NOGIN, VIKTOR PAVLOVICH, 1878-1924**
Podgorniy, I.A. V.P. Nogin. [Leningrad] Leningrad, 1966. 36 p. (Uzliki Petropavlovskoi kreposti)
- NOISE**
Obshchaya nauchno-prakticheskaya konferentsiya, posvashchenная vibratsionnoi, shumovoi bolezni i ikh profilaktike v Dombasse, 2d. Donetsk, 1964. [Summaries of the reports made to the Province Scientific and Practical Conference Devoted to Vibration Diseases and Acoustic Trauma and to Their Prevention in the Donets Basin] Tezisy dokladov. Donetsk, Donetskii nauchno-issl. i fiziol. trud, 1964. 43 p. (DNLM)
- NOISE—MEASUREMENT**
Effect of amplitude clipping in noise signal receivers on the accuracy of measuring noise created by pulse interference. A.A. Gorbachev, V.I. Danilov. *Izv.vys.ucheb.zav. radiofiz.* 9 no.4:730-736 '66.
- NOISE—PHYSIOLOGICAL EFFECT**
Morphological changes in hypothalamus in vegetative disorders caused by strong acoustic excitation. G.N. Krivitskaya, S.M. Nichev. *Zhur.nevr.i psikh.* 86 no.8:1177-1183 '66.
- NOMADS** see subdivision under *Asia, Central*
- NOMINALISM**
Ryachov, L.A. [Mathematics and nominalism; nominalism as an interpretation of mathematics] Matematika i nominalizm; nominalizm kak interpretatsiya matematiki. Kiev, Naukova dumka, 1966. 77 p.
- NOMOGRAPHY (MATHEMATICS)**
Construction of compound alignment nomograms. K.M. Mikhalev. *Mor.abor.* 49 no.6: 60-73 Je '66.
- Nomogram for determining the expenditure of varnish in wood finishing. N.A. Gouharov. *Dor.prom.* 15 no.6:16 Je '66.
- NONDESTRUCTIVE TESTING**
Spark flaw detector. N.G. Iaroshchuk. *Dokl. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no.6:39 Je '66.
- NONENE**
Alkylation of toluene by nonylenes. S.D. Mekhliev, M.M. Lushin, V.I. Khodachova. *Izv.vys.ucheb.zav.; nef't i gaz* 9 no.3:59-61 '66.
- NON-EUCLIDEAN GEOMETRY** see *Geometry, Non-Euclidean*
- NONFERROUS METAL INDUSTRIES**
Development of N.V. Volodomonov's article "Principles of the evaluation of mineral deposits." Z.K. Kergezhov. *Izv.vys.ucheb.zav.; geol.i razv.* 9 no.5: 122-127 Je '66.
- NONFERROUS METALS**
Mechanism of the action of iron sulfate on the corrosion of steel. V.A. Konev. *Oleg.*
- Peculiarities of separating lead sulfate methods. P.A. Chizur

NORADRENALINE IN THE BODY

Histochemical characteristics of adrenaline and noradrenaline in uterus wall and placenta at various pregnancy periods in white rats. G.I. Malsina. *Soob. AN Gruz. SSR* 43 no. 1:217-220 JI '66.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—GEOLOGY, STRATIGRAPHIC

Silurian sediments in the Yuzhno-Pyasin area of the Noril'sk region. A.P. Zinchenko, V.G. Matukhina. *Geol. i geofiz.* no. 3:147-151 '66.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—MOSQUITOES

Bloodsucking mosquitoes (Diptera, Culicidae) in the vicinity of Noril'sk. P.E. Poliakova. *Izv. SO AN SSSR* no. 4. Ser. biol.-med. nauk no. 1:151-153 '66.

NORTH AMERICA—TRADE UNIONS

[Trade unions of North American countries] *Profsoyuzi stran Severnoi Ameriki*. [Moskva] Profizdat, 1966. 70 p. (Profsoyuzi mira)

NORTH ATLANTIC TREATY ORGANIZATION

The "hinge of fate" and the safety of Europe. S. Fil'shtin-ski. *Mir, ekon. i mezhdunar. otn.* no. 7:123-125 '66.

NATO maneuvers in Northern Europe. L. Kapitlanov.

Nov. vrem. 24 no. 38:10-20 S '66.

Washington and Europe. Nov. vrem.

24 no. 34:1-2 Ag '66.

NORTH KOREA see Korea, North

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN DONETS - DONETS BASIN CANAL

[The Donets flows across a mountain ridge; the story of builders of the Northern Donets-Donets Basin Canal] *Donets idet cherez krlazh; sivo o stroitel'skikh kanala Severnyi Donets-Donbass*. [Statino] Statinskoe obi.

izd-vo, 1958. 270 p. (IU)

NOSE—TUMORS

Ethesthesiomas of the nasal cavity. V.V. Bystrova. *Arkh. pat.* 28 no. 5:60-65 '66.

NOTARIES

(see also subdiv. under Ternopol' Province; Ukraine)

How public notaries ensure a strict observance of the laws. D. Chorpita. *Rad. pravo* 29 no. 2:52-54 F '66.

NOTARIES—LAWS AND LEGISLATION

New instruction regulating the performance of notarial acts by notarial offices of the R.S.F.S.R. *Sov. iust.* 30 no. 10:8-11 My '66.

NOVAYA ZEMLYA—GLACIERS

Chizhov, O.P., and N.M. Svatkov. [Novaya Zemlya; general description of studies] *Novaya Zemlya; obshchee opisaniye issledovaniy*. Moskva, 1962. 74 p. (Materialy glatsiologicheskikh issledovaniy Instituta geografii Akademii nauk SSSR)

NOVAYA ZEMLYA—ICE—TEMPERATURE

Akademii nauk SSSR. Institut geografii. [Novaya Zemlya; temperature of snow, firn, and ice] *Novaya Zemlya; temperatura snega, firna i l'da*. Moskva, (Iis: Materialy glatsiologicheskikh issledovaniy)

No. 1. Khmelevskii, I.F. [Stationary observations at the Ledorazdel'naya Station] *Statsionarnye nabludeniya na stantsii Ledorazdel'naya*.

I.F. [Stationary observations at the Somnennyi Station and recon-Statsionarnye nabludeniya Somnennyi i marshrutnye issle-

W—TEMPERATURE

stitut geografii. [Novaya Zemlya; temperature of snow, firn, and ice] *Novaya Zemlya; temperatura snega, firna i l'da*. Moskva, (Iis: Materialy glatsiologicheskikh issledovaniy)

No. 1. Khmelevskii, I.F. [Stationary observations at the Ledorazdel'naya Station] *Statsionarnye nabludeniya na stantsii Ledorazdel'naya*.

I.F. [Stationary observations at the Somnennyi Station and recon-Statsionarnye nabludeniya Somnennyi i marshrutnye issle-

QING

E.I. Potashev. *Der. prom.*

and the litigation of the internal fissures under the action of a. Sbor, nauch. trud, SOGMI

Effect of novocaine on diuresis, blood pressure, and renal plasma circulation. N.N. Pronina. *Sbor, nauch. trud, SOGMI* no. 11:1-13 '64.

NOVOCAINE—PHYSIOLOGICAL EFFECT

Effect of novocaine on the secretion of the hormone of the hypothalamo-hypophyseal system and redistribution of fluid in the body. N.N. Pronina. *Bliz. eksp. biol. i med.* 62 no. 7:67-70 JI '66.

NOVOROSSIYSK—WORLD WAR, 1939-1945

The fortitude of Novorossiysk. P. Greidnev. *Voen. znani.* 42 no. 7:18-19 JI '66.

NOVOSIBIRSK—ELECTRIC MACHINERY INDUSTRY—MANAGEMENT

For profitability and rhythm. M. Karpunin, A. Sarapov. *Agitator* no. 6:43-45 Mr '64.

NOVOSIBIRSK PROVINCE—TECHNICAL SOCIETIES

Economics is a science for everybody. Z. Gavrilova, M. Savel'ev. *NTO* 8 no. 6:10-17 Je '66.

NOVOUZENSK DISTRICT—MILITARY EDUCATION

Disseminating advanced practices. V. Gudunov. *Voen. znani.* 42 no. 8:34 Ag '66.

NOVOZHIVOTINNOYE (VORONEZH PROVINCE)—MEDICAL SCREENING

Results of preventive medical examination of the adult population of Novozhivotinnoye rural medical district. I. P. Furmenko, L. V. Anokhin. *Sov. med.* 29 no. 7: 54-58 JI '66.

NUCLEAR ENGINEERING

Ivchenko, Yu. F., and others. [Assembly and welding of stainless steel piping in nuclear engineering applications] *Montazh i svarka truboprovodov iz korrozionnostoikih stalo i v atomnoi promyshlennosti*. Pod red. P.K. Georgievskogo. Moskva, Atomizdat, 1966. 250 p.

NUCLEAR FISSION

Angular distribution of fragments of Am^{241} fission by neutrons. P. E. Vorotnikov and others. *Dokl. AN SSSR* 169 no. 2:314-315 JI '66.

Mercury mass-diffusion column for isotope fission. B. I. Nikolaev and others. *Atom. energ.* 21 no. 1:62 JI '66.

Multiparametrical studies of fragments in U^{235} fission by thermal neutrons and 5; 6 and 7 Mev. neutrons. V. G. Vorob'eva and others. *IAD, fiz.* 4 no. 2:325-331 Ag '66.

Ra^{226} fission by 12 Mev. deuterons and the distribution patterns for the fragments' kinetic energy. Yu. A. Nemilov and others. *IAD, fiz.* 3 no. 6:1070-1075 Je '66.

Search for light neutron nuclei among uranium fission products. V. R. Burmistrov and others. *IAD, fiz.* 4 no. 2:332-336 Ag '66.

Spontaneous fission of a neutron-deficient neptunium isotope with a half-life of 60 sec. V. I. Kuznetsov, N. K. Skobelev, G. N. Flerov. *IAD, fiz.* 4 no. 2:279-281 Ag '66.

NUCLEAR FUELS

Study of the thermal deformations of fuel elements. E. A. Sofronov and others. *Atom. energ.* 21 no. 1: 22-26 JI '66.

NUCLEAR MAGNETIC RESONANCE

Contribution to the theory of nonstationary effects in nuclear magnetic resonance. A. S. Viglin, S. P. Dovgopol. *Izv. vyz. ucheb. zav. i radiofiz.* 9 no. 3: 617-620 '66.

Leningrad. *Universitet*. [Nuclear magnetic resonance] *Adernyi magnitnyi rezonans*. [Leningrad] Vol. 1. 1965. 1 v. (NJP)

Long range spin-spin interaction in dimethylamides of fluorinated acids. Yu. A. Cheburkov and others. *Dokl. AN SSSR* 169 no. 1:128-131 JI '66.

Magnetic relaxation of nuclei in semiconductors and semimetals in a quantized magnetic field. G. E. Gurgenshvilii, G. R. Khutsishvili. *Elektron. i ion. prots. v tver. tel.* no. 2:72-81 '66.

Quantum theory of magnetic resonance in antiferromagnets. L. L. Bulshvili, M. D. Zviadadze. *Soob. AN Gruz. SSR* 43 no. 1:37-44 JI '66.

Relaxation processes during complexing. Part 1: Copper and americium in aqueous solutions. V. M. Vdovenko, B. B. Kolokol'tsov, O. B. Stobunov. *Radiofizika* 8 no. 3: 286-290 '66.

Study of stephanite ($\text{Ag}_6\text{Sb}_4\text{S}_{13}$) by the method of nuclear quadrupole resonance. I. N. Pen'kov, I. A. Safin. *Dokl. AN SSSR* 169 no. 5:1148-1150 Je '66.

NUCLEAR MODELS

Analytic properties of a nonrelativistic amplitude in a soluble three-particle model. I. Sh. Vashakidze, G. A. Chlasevili. *IAD, fiz.* 4 no. 2:418-424 Ag '66.

Bremsstrahlung from a charged particle in a Coulomb field. V. S. Kirilin, A. B. Kereselidze. *Soob. AN Gruz. SSR* 43 no. 1:51-56 JI '66.

NUCLEAR PHYSICS

Unitary representations of the P(50) group and the Poincaré group with the internal symmetry. V. I. V. Novozhilov, I. A. Terent'ev. *IAD, fiz.* 4 no. 1:138-148 Je '66.

NUCLEAR PHYSICS—CONGRESSES

Third All-Union Conference on Physics of Elementary Particles. G. F. Drukarev, I. A. Sena. *Usp. fiz. nauk* 80 no. 4:724-729 Ag '66.

NUCLEAR PHYSICS—EXPERIMENTS

Kozhushner, M. A. [Ingenious experiments in nuclear physics; polarized nuclei] *Tonkie eksperimenty v yadernoi fizike; polarizovannyye yadra*. Moskva, Znaniye, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. K. Seriya: Fizika, matematika, astronomiya, no. 13)

NUCLEAR REACTIONS

Angular distribution of high-energy neutrons and the absorption of polarized μ^+ mesons in cadmium. V. I. Evseev and others. *IAD, fiz.* 4 no. 2:342-355 Ag '66.

Angular distributions and number of cascade neutrons emitted by nuclei interacting with 600 Mev. neutrons. V. A. Koshlunin, E. S. Matusevich, V. I. Bogdanov. *IAD, fiz.* 4 no. 2:337-341 Ag '66.

Catalysis by negative muons of the nuclear reactions $d + p \rightarrow \text{He}^3 + \mu^-$ and $d + d \rightarrow p + t + \mu^-$ and the formation of pdp and dtp molecules in gaseous hydrogen. V. P. Dzhelezov and others. *Zhur. eksp. i teor. fiz.* 50 no. 5:1235-1251 My '66.

[Chain reactions and their role in science and technology] Participants in the discussion: N. M. Emanuel' and others. *Tsipyne reaktsii i ikh rol' v nauke i tekhnike V benede uchastvuyut: N. M. Emanuel' i dr.* Moskva, Znaniye, 1966. 82 p. (Nesedy po aktual'nym problemam nauki. Novoe v zhizni, nauka, tekhnika. K. Seriya: Khimiya, no. 6)

Differential cross sections of the reaction $\text{Th}^{232}(\text{p}, \text{n})\text{Pa}^{233}$ in the energy range 115 to 1650 Kev. A. P. Kolesov, V. I. Salobidki, S. A. Tsel'mnikov. *IAD, fiz.* 3 no. 6:1083-1086 Je '66.

Lifetime of intermediary states. A. I. Baza', I. A. Baza'. *IAD, fiz.* 4 no. 2:252-260 Ag '66.

Mechanism underlying two-nucleon transfer reactions. S. P. Timoshin. *IAD, fiz.* 4 no. 2:265-268 Ag '66.

Nuclear reaction yields of cyclotron produced Mn^{54} . N. N. Kravtsov, N. P. Dmitriev. *Atom. energ.* 21 no. 1:52-53 JI '66.

Production of an intermediate boson in the reaction $\pi^+ + \pi^- \rightarrow W^+ + \pi^- \rightarrow \pi^+ + \pi^- + \pi^0$. S. M. Baraband, I. A. Slukhman. *IAD, fiz.* 3 no. 6:1070-1082 Je '66.

The reaction $\text{N}^{15}(d, \alpha)\text{C}^{13}$ involving 0.6-1.6 Mev. deuterons. I. I. Titov, A. P. Klucharev, V. I. V. Piatilchenko. *IAD, fiz.* 4 no. 2:306-313 Ag '66.

Study of the reaction $\text{C}^{12}(\alpha, \text{n})\text{C}^{13}$ (0.64 Mev) $\rightarrow \text{C}^{13} + \text{n}$. B. M. Barmot and others. *IAD, fiz.* 4 no. 2:315-324 Ag '66.

Study of the (d, α) reaction on N^{14} and N^{15} nuclei. I. I. Titov, V. I. V. Piatilchenko, A. P. Klucharev. *IAD, fiz.* 4 no. 2:314-315 Ag '66.

Study on the reaction $\text{He}^3(\text{p}, \text{n})\text{He}^4$. S. P. Timoshin. *IAD, fiz.* 3 no. 6:1053-1059 Je '66.

Study on the reaction $\text{He}^3(\text{p}, \text{n})\text{He}^4$. Van Nieuwenhuysen (Wang Ning-ming) and others. *IAD, fiz.* 3 no. 6:1054-1060 Je '66.

The triangular diagram and the determination of the resonance scattering amplitude at low energies. V. V. Antoshevich, E. M. Levin, I. N. Lipatov. *IAD, fiz.* 3 no. 6:1107-1110 Je '66.

NUCLEAR REACTORS

Calculation of the Doppler temperature coefficients of reactivity for individual resonances in a homogeneous medium. P. E. Batavin, G. I. Tishchenko. *Atom. energ.* 21 no. 1:54-56 JI '66.

Inverse solution to equations of nuclear reactor kinetics. I. N. Brukker. *Atom. energ.* 21 no. 1:9-13 JI '66.

NUCLEAR REACTORS—ABSTRACTS

[Nuclear reactors] *Ref. zhur.*; *IAD, reuk.* no. 6 Je '66. *Predmetnyi ukazatel' za 1965 g.*

NUCLEAR REACTORS—CORROSION

Gerasimov, V. V., ed. [Corrosion resistance of reactor materials; a handbook] *Korroziyostoiya stalo i reaktornykh materialov; spravochnik*. [By] A. I. Gerasimov i dr. Moskva, Atomizdat, 1966. 604 p.

NUCLEAR REACTORS—SHIELDING (RADIATION)

Spectra and doses generated in iron-water shielding by a monoenergetic neutron source. *Atom. energ.* 21 no. 1:27-35 JI '66.

NUCLEAR SPIN

Remark on SU(6)_w symmetry. O. G. Dokov. *IAD, fiz.* 4 no. 2:391-394 Ag '66.

Spin values of lower multiplet states in spherical odd-odd nuclei. L. K. Pukker, Yu. N. Novikov. *IAD, fiz.* 4 no. 2:261-264 Ag '66.

Thermodynamics of linear chains of spins in a transverse magnetic field. S. A. Pikin, V. M. Tsekerezi. *Zhur. eksp. i teor. fiz.* 50 no. 5:1377-1380 My '66.

NUCLEI, ATOMIC

Electric quadrupole transitions in deformable even-even nuclei. A.S. Davydov, V.I. Ovcharenko. *Izd. fiz.* 3 no. 6:1011-1021 Je '66.

Nuclei with an excess of neutrons. N.A. Vlasov. *Usp. fiz. nauk* 89 no. 3:511-513 Ji '66.

NUCLEIC ACIDS

Comparative evaluation of DNA content in the liver nuclei of some fishes. F.Kh. Khalilov, V.M. Inushkin. *Tsitologiya* 8 no. 3:415-417 My-Je '66.

Concentration and nucleotide composition of nucleic acids in different parts of the heart in dogs during the exclusion of extracardial parasympathetic influences. L.A. Kopleva, N.M. Dmitrieva. *Biul. eksp. biol. i med.* no. 4:47-51 Ap '66.

Cytophotometric analysis of some methods of a selective RNA extraction from the nerve tissue sections. V.A. Brunberg, L.Z. Pevzner. *Tsitologiya* 8 no. 3:437-439 My-Je '66.

DNA synthesis in the culture of cells irradiated with ultraviolet light. V.V. Teresikh. *Radiofizika* 6 no. 4:510-515 '66.

Determination of the absolute content of DNA in cell nuclei. E.E. Simonov. *Lab. delo.* no. 5:253-255 '66.

Determination of the type of nucleic acid virus isolated from rheumatism patients. (coxsackie A13) with the help of indirect methods. D.F. Bocharov, V.E. Iyavrovskaya. *Izv. SO AN SSSR no. 4. Ser. biol. i med.* unuk no. 1:90-92 '66.

Effect of homologous and heterologous histones and their fractions on RNA synthesis in tissue culture cells. A.G. Bakrinskaya and others. *Dokl. AN SSSR* 188 no. 2:469-471 Ji '66.

Effect of protein on the radiosensitivity of deoxyribonucleic acid. T.S. Usakovskaya and others. *Radiofizika* 6 no. 4:491-494 '66.

Effect of soft X-ray irradiation on the content and biosynthesis of DNA in mouse tissues. A.S. Orlov. *Radiofizika* 6 no. 4:500-502 '66.

Level of the activity of motoneurons of the spinal cord and changes in the RNA content of their cytoplasm in local tetanus. I.U. Ia. Geintman, G.N. Kryzhanovskii, A.A. Polgar. *Biul. eksp. biol. i med.* 61 no. 4:27-31 Ap '66.

Nucleic acid and glycogen content of skin affected with eczema. A.I. Prokopenko, I.G. Lufman, I.U. Ia. Podobed. *Dokl. AN SSSR* 188 no. 7:515-517 Ji '66.

Occurrence of pseudo-Pelger's leukocytes in rats affected by RNA, isolated from a leukemic tissue. Z.A. Butenko. *Dokl. AN SSSR* 188 no. 2:472-473 Ji '66.

Quantitative relationship between proteins and DNA in deoxyribonucleoproteins of the plague microbe. M.L. Bekker. *Dokl. AN SSSR* 188 no. 5:1189-1191 Ji '66.

Synthesis of proteins and RNA in the erythrocytes in pigeons. B.K. Khukhivadze, V.S. Tongar. *Biul. eksp. biol. i med.* 61 no. 4:42-43 Ap '66.

NUCLEIC ACIDS—TOXICOLOGY

Effect of antiserum reacting with DNA to the manifestation of the infectious activity of single-strand DNA of the 171 phage. V.D. Timakov. *Zhur. mikrobiol. i epid. i immunit.* 43 no. 7:47-51 Ji '66.

NUCLEIC ACIDS IN THE BODY

DNA content in the nuclei of the choroid epithelium of the human placenta. V.D. Novikov, A.I. Sheradillo. *Izv. SO AN SSSR no. 4. Ser. biol. i med. nauk* no. 1:96-100 '66.

NUCLEONS

Effect of $\pi\pi$ -interaction on the electromagnetic structure of the nucleon. A.I. Lendel and others. *Izd. fiz.* 3 no. 6:1093-1100 Je '66.

NUCLEOPROTEINS

Effect of parental infection of ribonucleoproteins from tissues of mice of low and high cancerous strains on spontaneous mammary gland tumors in mice of high cancerous strain A and C3H. D.K. Beltaev and others. *Dokl. AN SSSR* 189 no. 3:728-730 Ji '66.

Use of Hage's method for the determination of antibodies of pulmonary nucleoproteins in berylliosis. O.G. Alekseeva, A.A. Orlova. *Sov. med.* 29 no. 7: 85-89 Ji '66.

NUCLEOSIDES—PHYSIOLOGICAL EFFECT

Effect of pure ATP, ADP, UTP, and UDP preparations on frog's heart. T.G. Putnisov, L.N. Bobrova. *Fiziol. zhur.* 50 no. 7:855-860 Ji '64.

NUCLEOSIDES—THERAPEUTIC USE

Effect of nucleosides on the contractile function of the myocardium in the emergency stage of compensatory cardiac hyperfunction. F.Z. Meerson and others. *Biul. eksp. biol. i med.* 61 no. 4:16-18 Ap '66.

NUCLEOTIDES

Complexes of polysaccharides with oligonucleotides. A.N. Petrova, R.L. Filippova. *Dokl. AN SSSR* 189 no. 3:703-704 Ji '66.

NUCLEUS (CELLS) see Cell nuclei

NUMBERS, THEORY OF

Asymptotic behavior in Hardy-Littlewood's general problem. B.M. Bredikhin, I.U. V. Linnik. *Dokl. AN SSSR* 168 no. 5:975-977 Je '66.

Theory of prime numbers. D.N. Lenski. *Dokl. AN SSSR* 169 no. 2:266-268 Ji '66.

Voronoi's generalized comparison and the number of classes of ideals of an imaginary quadratic field. Part 2. I.Sh. Slavutskii. *Izv. vyz. ucheb. zav.; mat.* no. 4:118-126 '66.

NUMERICAL CALCULATIONS

Krylov, V.I., and L.T. Shulgina. [Reference book on numerical integration] *Spravochnaya kniga po chislennomu integrirvaniyu*. Moskva, Nauka, 1966. 370 p.

NUMERICAL WEATHER FORECASTING

Numerical forecasting of surface pressure. V.M. Kadyshnikov. *Meteor. i gidrol.* no. 7:28-32 Ji '66.

NUMISMATICS, ANCIENT see subdivision under Kuban Valley

NUMISMATICS, ROMAN

A denarius of Augustus found in the city of Nezhin. V.K. Pukhtinskii. *Vest. drev. ist.* no. 2:174-175 '66.

NUMMULITES see subdivision under Tajik Depression

NUREK HYDROELECTRIC POWER STATION—DAMS—DESIGN AND CONSTRUCTION

Problems of selecting materials for the large model of the dam of the Nurek Hydroelectric Power Station in order to study its antiseismic characteristics. A.P. Valov, G.M. Nazarenko. *Inzh. selam.* no. 3:470-81 '66.

NUREMBERG TRIALS OF MAJOR GERMAN WAR CRIMINALS, 1945-1949

Rudenko, R.A., ed. [Nuremberg trial of major German war criminals; collection of materials in three volumes] *Nurnbergskiy protsess nad glavnyimi nemetskimi voennymi prestupnikami; sbornik materialov v trekh tomakh tomak*. Moskva, Iuridicheskaya literatura. Vol. 2. [War crimes. Crimes against humanity] *Voennyye prestupleniya. Prestupleniya protiv chelovechnosti*. 1966. 708 p.

NURSERIES (HORTICULTURE)

Use of herbicides in fruit nurseries. A.A. Razzhivin. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 7:100-103 Ji '66.

OAK

Factors affecting the growth of the seedlings of English oak. M.F. Molko. *Izv. vyz. ucheb. zav.; les. zhur.* p no. 3:46-47 '66.

OB' RIVER—SHIPPING

The Ob' River transportation men have organized the shipping of petroleum from new deposits. V. Gashkov. *Rech. transp.* 25 no. 7:3-4 '66.

OB' VALLEY—GEOLOGY, STRATIGRAPHIC

Akademika nauk SSSR, Sibirskoye otdeleniye, Institut geologii i geofiziki. [Palynology and stratigraphy of the Quaternary sediments of the Ob' and Yenisey River basins] *Palinologiya i stratigrafiya chetvertichnykh otlozheniy basseinov rek Obi i Eniseia*. Moskva, Nauka, 1966. 75 p. (K II Mezhdunarodnoy palinologicheskoy konferentsii, Utrskht, 1966.)

OBEISITY see Corpulence

OBSESSIONS

Paranoic jealousy syndrome in a psychopathic personality. Z.G. Turova. *Prek. sudbenopsikh. ekspert.* no. 11:77-83 '66.

OBUKHOVO (MOSCOW PROVINCE)—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Kreizman, I.N., B.D. Fedortsov, and I.G. Tsybaev. [Construction of experimental residential building in series 4LG-502; practices of Leningrad State Trust for Organization of Construction Industry and Obukhovo Housing Construction Combine] *Stroitel'no eksperimental'nogo doma serii 4LG-502; opyt tresta "Leningradorgestrol" i Obukhovskogo domostroitel'nogo kombinata*. Moskva, Stroizdat, 1964. 44 p.

[MICROFILM]

OCEAN CURRENTS

Sarkislan, A.S. [Fundamentals of the theory and calculation of ocean currents] *Osnovy teorii i raschet okeanicheskikh techeniy*. Leningrad, Gidrometeoizdat, 1966. 121 p.

OCEAN WAVES

Calculation of wave elements in shallow water. E.M. Kopalgorodskii. *Meteor. i gidrol.* no. 7:40-44 Ji '66.

OCEANIA—ECONOMIC GEOGRAPHY—MAPS

Novoye vremya. [Atlas of "Novoye vremya"; supplement to journal "Novoye vremya"] *Atlas Novogo vremeni; prilozheniye k zhurnalu "Novoye vremya"*

No. 2. [24 maps of Asian, Australian and Oceanian countries] 24 karty stran Azii, Avstralkii i Okeanii. [n.p. 1965] 48 p.

OCEANOGRAPHIC RESEARCH

Alekhn, O.A. [Ocean chemistry] *Khimiya okeana*. Leningrad, Gidrometeor. izd-vo, 1966. 247 p.

OCEANOGRAPHY

Near-bottom convection in the deep ocean. D.M. Filippov. *Izv. AN SSSR. Fiz. atm. i okeana* 2 no. 6:668-671 Je '66.

Possible climatological frequencies of an oscillating system ocean-atmosphere. R.V. Abramov. *Izv. AN SSSR. Fiz. atm. i okeana* 2 no. 6:664-667 Je '66.

Relationship between the spectral densities of the distribution of the current velocity and the pressure or density of the water in the ocean. L.M. Fomin, A.D. Lämpel'ski. *Izv. AN SSSR. Fiz. atm. i okeana* 2 no. 6:556-558 Je '66.

OCTADECANOL

Characteristics of 1-octadecanol oxidation by atmospheric oxygen. A.I. Ilyina, V.G. Nodavinaia. *Neftokhimiya* 6 no. 3:440-445 My-Je '66.

OCTANE

Viscosity of isooctane under conditions of high pressures and various temperatures. N.A. Agaev, A.D. Iusibova. *Gaz. prom.* 11 no. 6:46-48 '66.

ODESSA—HISTORY

Who was the founder of Odessa? P.O. Aleksandrov. *Ukr. ist. zhur.* 10 no. 6:104-107 Je '66.

ODESSA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENT

Ireshnikova, I.I. [Courage] *Muzhestvo*. Moskva, Voennoe izd-vo, 1965. 211 p. (CS-11)

ODESSA, BATTLE OF, 1944

The spring of joy; for the 20th anniversary of the liberation of Odessa from fascist occupation. I.G. Gaidenko. *Agitator* no. 6:16-17 Mr '64.

ODESSA PROVINCE—COURTS

Broadening of the functions of province court presidium. P. Poshaly, P. Slavyatskiy. *Rad. pravo* 29 no. 7:43-45 Ji '66.

ODESSA PROVINCE—JURISDICTION

Broadening of the functions of province court presidium. P. Poshaly, P. Slavyatskiy. *Rad. pravo* 29 no. 7:43-45 Ji '66.

ODOROUS SUBSTANCES

Results of studying fragrant substances as aromatizers for insecticides and repellents. I.G. Kamorzina, G.A. Karpov, K.S. Kizazeva. *Khim. v sel'khoz.* 4 no. 7:130-21 Ji '65.

OFFENSES AGAINST SOCIALIST PROPERTY see subdivision under Moscow; Ukraine

OFFICE EQUIPMENT AND SUPPLIES—EXHIBITIONS

An international "organizational technology" exhibition in Sokolniki. V. Rozen. *Nov. vrem.* 24 no. 3:28-29 5 '66.

OIL COOLERS—CORROSION

Using protectors for oil coolers of compressor stations. T.F. Titova, E.A. Nikitenko, I.A. Edelman. *Gaz. prom.* 11 no. 6:23-25 '66.

OIL FIELD BRINES see subdivision under Uzbekistan

OIL FIELD BRINES—ANALYSIS see subdivision under Bashkiria

OIL FIELD FLOODING

(see also subdivision under Bashkiria; Dolina Oil Field)

Change in the chemical composition of formation waters in connection with field flooding. V.Z. Simkhaev. *Neftprom. delo* no. 6:6-9 '66.

Design plan for line flooding operations. K.N. Dzhallilov, I.A. R. Rustamov. *Azorb. neft. khoz.* 35 no. 6:24-25 Ag '66.

Determining the flow coefficient in flooding oil from a layer. R.A. Mukimov and others. *Neft. khoz.* 34 no. 6:32-35 Je '66.

Effect of fresh water on the compressibility factor of Devonian sandstones in the Tuymazy oil field. E.M. Vygodskii, V.V. Devikanov. *Neftprom. delo* no. 5:10-11 '66.

OIL FIELDS—EQUIPMENT AND SUPPLIES

Extend the life of gear drives of oil-field machinery. I.U. A. Kevorkov. *Izv. vyz. ucheb. zav.; neft' i gaz* 0 no. 3:91-94 '66.

OIL HYDRAULIC MACHINERY

Universal hydraulic remover. A.A. Kisilinski. *Tekh. i org. proizv.* no. 1:22-23 Ja-F '66.

OIL HYDRAULIC MACHINERY—SAFETY MEASURES

Preventing deformations of hydraulic cylinders in operation. I.A. V. Ros'. *Tekh. i org. proizv.* no. 1:76-79 Ja-F '66.

OIL RESERVOIR ENGINEERING

(see also subdivision under Lower Omriñskoye Oil Field)

Approximate solution of problems of flow toward a horizontal well in a band-type layer. Calculation of ultimate water-free recoveries. A. P. Telkov, M. M. Khabrov. *Izv. vys. ucheb. zav. nef't' i gaz* 9 no. 3:51-54 '66.

Determining the thickness of a water-oil zone in a layer; laboratory studies. N. S. Gudok. *Neft, khoz.* 44 no. 6:32-35 Je '66.

Relationships between the saturation parameters and water saturation coefficients of sandy soil. V. A. Selivanov. *Nefteprom, delo* no. 7:11-13 '66.

OIL SANDS—ANALYSIS

(see also subdivision under Ukraine)

Lithological studies of oil reservoirs. G. I. Teodorovich, M. A. Tsvetkova. *Izv. AN SSSR, Ser. geol.* 31 no. 7:86-100 Ji '66.

Using the UIPK-1m installation for combined studying of physical and reservoir properties of rocks. V. F. Indutnyi. *Neft, i gaz, prom.* no. 2:8-10 Mr-Apr '66.

OIL SANDS—MODELS

Selecting natural sandstones for modeling nonuniform porous media. Sh. K. Gimadudinov, G. G. Mustafin. *Izv. vys. ucheb. zav. nef't' i gaz* 9 no. 3:30-44 '66.

OIL SANDS—PERMEABILITY see subdivision under Carpathian Mountain region

OIL WELL CASING

Paus, K. F. [Technology and techniques of boring] *Tekhnologiya i tekhnika burochni. Moskva, Univ. družby narodov.*

Pl. 1. [Drill bits. Drill pipe columns] *Burovye dozeta. Kolonna buril'nykh trub.* 1965. 151 p.

Sealing joints of casings run in sections. N. A. Zhdovtsev, K. M. Gil'man. *Neft, i gaz, prom.* no. 2:20-22 Mr-Apr '66.

OIL WELL CEMENTING

(see also subdivision under Tatar A. S. S. R.)

Equipment for cementing oil and gas wells in not readily accessible regions. E. S. Ibragimov, N. G. Kurbanov, D. K. Melikov. *Neft, khoz.* 44 no. 6:16-19 Je '66.

Method of measuring cement rise and the quality of column cementing based on measurements of the natural radioactivity of rocks. I. P. Prillipko and others. *Neft, i gaz, prom.* no. 2:14-17 Mr-Apr '66.

Norms for the strength of stones from plugging cement. G. M. Sarkisov, A. G. Burmistrov. *Burenie* no. 7:17-20 '66.

OIL WELL DRILLING

(see also subdivision under Azerbaijan; Dnieper-Donets Lowland; Kazakhstan; Romashkino Oil Field)

Character of the change in the direction of a slant well in drilling with a straight tool. A. S. Sadigov. *Izv. vys. ucheb. zav. nef't' i gaz* 9 no. 3:21-24 '66.

Determining the bend angle of a deflecting tool. A. G. Khalilov. *Izv. vys. ucheb. zav. nef't' i gaz* 9 no. 3:28-33 '66.

Determining the parameters of a drilling regime ensuring the maximum efficiency of turbodrills. O. A. Lednashov. *Izv. vys. ucheb. zav. nef't' i gaz* 9 no. 3:15-20 '66.

Devices for locating the point at which the pipe is frozen. E. A. Levin, S. A. Lovlia, I. U. N. Ter-Grigorian. *Burenie* no. 7:27-29 '66.

Means for increasing the efficiency of drilling wells 3000 m. deep using insertion bits. M. R. Mavlutov, R. Kh. Sannikov. *Izv. vys. ucheb. zav. nef't' i gaz* 9 no. 3:26-28 '66.

Movsumov, A. A., and G. N. Dzhalil-Zade. [Technology of deep well drilling] *Tekhnologiya burochni glubokikh skvazhin. Moskva, Nedra, 1966. 185 p.*

Measurement of the rotational speed of d.c. machinery based on the pulses of e.m.f. on the collector. V. A. Lomakin. *Izv. vys. ucheb. zav. nef't' i gaz* 9 no. 3:108-110 '66.

OIL WELL DRILLING, SUBMARINE see subdivision under Pechany-More Oil Field

OIL WELL LOGGING

Determination of the depth of occurrences of layers. A. E. Zershechikov. *Neftegaz, geol. i geofiz.* no. 6:30-33 '66.

OIL WELL LOGGING, ELECTRIC see subdivision under Dnieper-Donets Lowland; Kuma Valley

OIL WELL LOGGING, RADIATION

(see also subdivision under Bashkiriya; Tatar A. S. S. R.)

Effect of the penetration of a nonmineralized liquid into a layer on the indexes of the impulsive neutron-neutron method in the study of oil and water-saturated reservoir rocks. V. M. Arbuzov. *Geol. i geofiz.* no. 4:123-125 '66.

OIL WELL PUMPS

(see also subdivision under Ukraine)

Performance of hydroplaster pumping installations in a closed oil and gas pressure gathering system. A. S. Kazak, A. R. Kaplan. *Neft, khoz.* 44 no. 6:43-45 Je '66.

Prolonging life of slush pump rods. M. M. Gadzhiev, S. G. Babayev. *Azerb. nef't, khoz.* 45 no. 6:47-3 of cover Ag '66.

OIL WELL SHOOTING

Effectiveness of using detonating fuses for loosening frozen drill pipes. N. K. Kuz'mina. *Burenie* no. 7:32-34 '66.

OIL WELL SHOOTING—SAFETY MEASURES

Akopov, N. B. [Some problems of safe torpedo charging for oil well shooting] *Nekotorye voprosy bezopasnogo smartizhivaniya torped dlia torpedirovaniia skvazhin. Baku, Azerneshr, 1965. 19 p.*

OIL WELLS

(see also subdivision under Tatar A. S. S. R.)

Kinetics of the caking of the bottom of an injection well drilled in a noncoherent layer. S. A. Abdurashitov, R. I. Medvedskii, S. M. Tenengol'ts. *Izv. vys. ucheb. zav. nef't' i gaz* 9 no. 3:69-74 '66.

Temperature studies in deep wells during water injection. E. M. Tosunov, G. G. Polakov, P. I. Kulakov. *Neft, khoz.* 44 no. 6:35-30 Je '66.

OIL WELLS—AIR-GAS LIFT see subdivision under Krasnodar Territory

OIL WELLS—FIRES AND FIRE PREVENTION

Soldiers of the fiery front. V. Kulakov, K. Semenov. *Voen. znani.* 42 no. 6:26-27 Ag '66.

OIL WELLS—FLUID DYNAMICS

Effect of relative phase motion on the performance of deep well moisture meters. D. O. Olegov. *Nefteprom, delo* no. 5:31-33 '66.

OIL WELLS—TESTING

(see also subdivision under Mangyshlak Peninsula; Stavropol Territory)

Experience in using hydrodynamic methods in testing wells when the formation pressure is considerably below the saturation pressure. P. V. Pimashin, I. U. Kh. Shirinov. *Nefteprom, delo* no. 7:5-8 '66.

Testing wells by lowering pressure on a layer. B. M. Kurechkin. *Neft, khoz.* 44 no. 6:20-24 Je '66.

OILSEED PLANTS

Increase production of oilseed crop seeds. N. Alenov. *Zer. i masl. kul't.* 1 no. 1:39-42 '66.

OIROT LANGUAGE—DIALECTS

Dialects of Altai. N. A. Baskakov. *Uch. zap. Gor. - Alt. nauch. -issl. inst. ist. i. iaz. i lit.* no. 1:3-17 '66.

OIROT LANGUAGE—GRAMMAR

Postpositions in Altai. T. M. Toshchakova. *Uch. zap. Gor. - Alt. nauch. -issl. inst. ist. i. iaz. i lit.* no. 1:18-50 '66.

OKHOTSK SEA REGION—GEOLOGY, STRATIGRAPHIC

New data on stratigraphy of Cenozoic sediments in Evron-Clukhagirska depression. V. V. Vikhlantsev, V. F. Morozova. *Sbor. st. po geol. i gidrogeol.* no. 5:24-32 '65.

New data on stratigraphy of Paleozoic sediments in Torom-Tugur interfluve in western part of region of Sea of Okhotsk. V. A. Shurshalina. *Sbor. st. po geol. i gidrogeol.* no. 5:5-12 '65.

Stratigraphy of Paleozoic sediments in western part of Sea of Okhotsk. V. B. Kuraulov. *Sbor. st. po geol. i gidrogeol.* no. 5:12-10 '65.

STHENES)—INSCRIPTIONS

On Olbian edict extolling Protogenus. T. N. A. Vest. *drev. ist.* no. 2:142-140 '66.

OLD AGE

Davydovskii, I. V. [Gerontology] *Gerontologiya. Moskva, Meditsina, 1966. 209 p.* (DNLM)

OLD PERSIAN INSCRIPTIONS

A few words apropos of the time of the introduction of Old Persian cuneiform writing. I. M. Oranskii. *Vest. drev. ist.* no. 2:107-118 '66.

OLEFINS

Alkylation of benzene and toluene by alkenes of C₃-C₁₂ composition in the presence of aluminum. N. I. Shukin, N. A. Pozdnjak, T. B. Dobrylina. *Izv. AN SSSR, Ser. Khim.* no. 7:1244-1247 '66.

Alkylation of phenol by olefins. V. M. Kostuchenko, V. V. Bobylev. *Nefteprom, delo* no. 7:28-32 '66.

Reaction of diazonioacetate ester with branched alkenes. A. P. Meshcheriakov and others. *Izv. AN SSSR, Ser. Khim.* no. 7:1235-1240 '66.

Reaction of direct fluorooxylation. Part I: Synthesis of (trifluorovinyl- and chlorodifluorovinyl)anilines. A. I. Iakubovich, A. P. Sergeev, R. N. Fagel'zang. *Zhur. ob. khim.* 36 no. 7:1317-1325 Ji '66.

OLEOTHORAX

Residual phenomena after lung tuberculous treatment with extrapleural oleothorax. G. S. Sologachev, M. B. Kapandze. *Sob. AN Gruz. SSR* 43 no. 1:247-253 Ji '66.

OLIVE—FROST RESISTANCE

Effect of negative temperatures on the moisture condition and carbohydrate metabolism in olive plants. E. N. Domanskaya. *Subtrop. kul't.* no. 1:140-144 '66.

OLIVINITES—THERMAL PROPERTIES

Effect of temperature on the heat conductivity of olivine. U. I. Molozhenko. *Geol. i geofiz.* no. 4:153-155 '66.

OMENTUM—DISEASES

Torsion of the greater omentum stimulating acute appendicitis. M. A. Bagirov, D. K. Dzhafarov. *Azerb. med. zhur.* 43 no. 5:72-74 My '66.

OMSK PROVINCE—DAIRY INSPECTION

"In two days you have to start your trip!" S. Belkina. *Part. zhurnal* no. 10:30 Ag '66.

OMSK PROVINCE—STATE FARMS—FINANCE

On completely converting state farms to business accounting. M. Nagayev. *Fin. SSSR* 40 no. 7:49-52 Ji '66.

ONCOLOGY

Kinetic criterion of applicability of inhibitors of free radical processes in radiobiology and oncology. E. H. Burakova and others. *Dokl. AN SSSR* 169 no. 3:666-669 Ji '66.

Treponema pallidum immobilization test in oncological diseases. S. G. Alieva, T. Kh. Khasanov. *Lab. delo* no. 8:404-407 '66.

ONCOLOGY—ABSTRACTS

[General problems of pathology. Oncology] *Ref. zhur. Ob. vop. pat. Onk.* no. 9 Je '66.

ONEGA LAKE REGION—BRACHIOPODA, FOSSIL

Nel'zina, R. E. [Middle and Upper Carboniferous Brachio-poda and Pelecypoda in the Lake Onega region] *Brachio-poda i Pelecypoda srednego i verkhnego karbona Prionezh'ia. Leningrad, Nedra, 1965. 117 p.* (Materialy po geologii i poleznym iskopanym Severo-Zapada RSFSR, no. 4)

ONEGA LAKE REGION—LAMELLIBRANCHIATA, FOSSIL

Nel'zina, R. E. [Middle and Upper Carboniferous Brachio-poda and Pelecypoda in the Lake Onega region] *Brachio-poda i Pelecypoda srednego i verkhnego karbona Prionezh'ia. Leningrad, Nedra, 1965. 117 p.* (Materialy po geologii i poleznym iskopanym Severo-Zapada RSFSR, no. 4)

ONIONS see subdivision under Kazakhstan

ONTOGENY

Age-related aspects of the duct of Arantius. B. A. Baunov. *Sbor. nauch. trud. SOGMI* no. 11:197-205 '66.

Comparative electrophysiological analysis of the changes in the liability of the components of cortical evoked potential in the postnatal ontogeny. P. K. Anukhin. *Fiziol. zhur.* 50 no. 7:773-770 Ji '64.

Some data on the structure of intraneuronal nervous system of the stomach in fetuses, children, and adults. E. G. Zanglov. *Sbor. nauch. trud. SOGMI* no. 11:219-225 '64.

Structural characteristics of cerebral cortex and sub-cortical formations of visual analyzer in process of development. N. S. Preobrazhenskaya. *Zhur. neur. i psikh.* 60 no. 8:1203-1207 '66.

Study of congenital movements of the hind legs in rats in the early postnatal period. I. N. Dariazhina. *Fiziol. zhur.* 60 no. 7:820-827 Ji '64.

OOCYGENESIS

Changes in the nuclear structure in milk oocytes. I. I. Klimadze. *Tsitologiya* 0 no. 3:354-367 My-Je '66.

OPEN AND CLOSED SHELVES

Some problems concerning open access to books in children's libraries. D. A. Kumek. *Bibliot. i kn. delo* no. 2:62-64 '66.

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Technology of making new hearths for large and high-capacity open-hearth furnaces. A. S. Freidenberg and others. *Stal'* 20 no. 6:516-517 Je '66.

OPEN-HEARTH FURNACES—MODELS

Studying by aerodynamic model the top oxygen layers for the oxidation of CO. A. I. A. Rehtman, I. N. Nevedomskaya. *Izv. vys. ucheb. zav.; Chern. met.* 8 no. 7:180-192 '66.

OPEN-HEARTH PROCESS

Desulfuration of metals in the finishing period of converting low manganese pig iron. P.N. Porchatkin, A.A. Bezdenzhenykh, V.F. Agapov. *Stal'* 26 no.6; 511-514 Je '66.

Phosphorus and carbon oxidation during the open-hearth furnace conversion of phosphorous cast iron. E.A. Kazachkov and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.7:65-69 '66.

Studying the size of the zone of division between metal and slag in an open-hearth furnace with the help of radioactive isotopes. A.M. Skrebnev and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.7:70-72 '66.

OPEN-HEARTH PROCESS—COSTS

Effect of the composition of high-phosphorous cast iron on the economic indices of metallurgical production. L.G. Ivanova, A.N. Khakhalina. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.7:203-206 '66.

OPEN-HEARTH PROCESS—QUALITY CONTROL

Improving the production of low-carbon nonaging steel in large open-hearth furnaces. P.M. Danilov and others. *Stal'* 26 no.6:487-500 Je '66.

OPERA see subdivision under Armenia; Berlin, East; Kharkov

OPERA, WHITE RUSSIAN

Scenery of White Russian musical works on the stage of the White Russian Theater of Opera and Ballet. I.A. Karnach. *Vestnik AN SSSR, Ser. hram. nav.* no.2:97-105 '66.

OPERATIONS, SURGICAL

Possible ways for improving immediate and late results of total gastrectomy for cancer of stomach. M.I. Kuzin, V.G. Rimtsev. *Khirurgiya* 42 no.6:75-80 Je '66.

OPERATIONS RESEARCH

Algorithm for the search of the optimal distribution of centralized resources. T.N. Pervozvanakina, A.A. Pervozvanskii. *Izv. AN SSSR, Tekh. kh.* no.3:16-10 My-Je '66.

Simulation of joint and interconnected work of a group of operators. I.E. Tsubulevskii. *Avtom. i telemekh.* no.6:108-114 '66.

OPERATORS (MATHEMATICS)

Approximation of a periodic function by a bounded semiautonomous operator. V.V. Zhuk. *Dokl. AN SSSR* 169 no.3:515-518 Ji '66.

Asymptotic behavior of eigenvalues and eigenfunctions of one-dimensional singular differential operators. M.V. Fedoruk. *Dokl. AN SSSR* 169 no.2:289-291 Ji '66.

Banach function spaces and integral operators. Part 1. I.U. Gribanov. *Izv. vys. ucheb. zav.; mat.* no.4:23-35 '66.

Banach spaces with a J-metric. J-nonnegative operators. I.S. Iokhvidov. *Dokl. AN SSSR* 169 no.2:259-261 Ji '66.

Casimir operators for orthogonal and symplectic groups. A.M. Perelomov, V.S. Popov. *Ad. fiz.* 3 no.6:1127-1134 Je '66.

Distribution of the spectrum of polynomial bundle of operators. V.I. Matsaev, I.U. Palant. *Dokl. AN Arm. SSR* 42 no.5:257-261 '66.

Hypoelliptic equations in convolutions. L.R. Volevich. *Dokl. AN SSSR* 169 no.6:1232-1235 Je '66.

Hypoelliptic pseudodifferential operators. I.U. V. Egorov. *Dokl. AN SSSR* 169 no.6:1242-1244 Je '66.

Invariant subspaces of linear operators acting in a space with an indefinite metric. G.K. Langer. *Dokl. AN SSSR* 169 no.1:12-15 Ji '66.

J-nonexpanding operators in Banach space. I.S. Iokhvidov. *Dokl. AN SSSR* 169 no.3:519-522 Ji '66.

Kantorovich - Rubinshtein metric and convergence of self-adjoint operators. Part 2. F. Kurnert. *Vest LGU* 21 no.13:30-39 '66.

Nonlinear transformations of stochastic measures in functional spaces. A.V. Skorokhod. *Dokl. AN SSSR* 169 no.6:1269-1271 Je '66.

Regularized trace of the differences between two singular Sturm-Liouville operators. V.A. Ivrii. *Dokl. AN SSSR* 169 no.1:40-51 Ji '66.

Stability of indices. M.B. Gagua. *Trudy Vych. tsentra AN Gruz. SSR* 6:3:47-52 '65.

Summator analogs of integral operators in complex region. L.A. Kal'nicholskaya. *Vest LGU* 21 no.13: 130-131 '66.

Transformation operators and the scattering function in the case of high singular potential. F.S. Rofe-Beketov, E.Kh. Khristov. *Dokl. AN SSSR* 169 no.6:1265-1268 Je '66.

OPHTHALMOLOGY

(see also subdivision under Ashkhabad; Geok-Tepe District, Turkmenistan; Turkmenistan)

Dymchik, L.A., and M.B. Chutko. [Emergency ophthalmological aid] *Neotlozhdia ophthalmologicheskaya pomoshch'*. [Leningrad] Meditsina, 1966. 143 p. (Biblioteka prakticheskogo vracha) (DNLN)

OPTIC THALAMUS

Conditioned reflex formed by stimulation of ventrolateral thalamic nucleus. G.T. Sakhlutina, G.Kh. Morzhanova, V.M. Sorduchenko. *Zhur. vys. nerv. deiat.* 16 no.4:729-730 Ji-Ag '66.

Thalamocortical correlations in rats. M.G. Belekova. *Fiziol. zhur.* 50 no.7:803-811 Ji '64.

OPTIC THALAMUS—SURGERY

Ventrolateral nuclei of thalamus in motor analyzer activity as related to stereotactic surgery. B.A. Vil'ner. *Dokl. AN SSSR* 169 no.7:518-521 Ji '66.

OPTIC THALAMUS—WOUNDS AND INJURIES

Case of hyperkinesia caused by unilateral lesion of the medial part of the optic thalamus in a dog. N.S. Burakova. *Biol. eksp. biol. i med.* 61 no.4:36-38 Ap '66.

OPTICAL ILLUSIONS

Characteristics of optical illusions in the enoloid syndrome of schizophrenia. V.G. Roitshtein. *Trudy TSU* 81:102-109 '66.

OPTICAL ROTATION

Temperature dependence of the optical rotatory dispersion of (-)-polymethyl methacrylate. E.I. Klabunovskii. *Vysokom. soed.* 8 no.8:1373-1378 Ag '66.

OPTICS, GEOMETRICAL—PROBLEMS, EXERCISES, ETC.

Nefedov, B.I. [Methods for solving problems in geometrical optics] *Metody resheniya zadach po vychislitel'noi optike*. Moskva, Mashinostroenie, 1966. 262 p.

OPTICS, PHYSICAL

Generation of the second harmonic by beams of finite aperture. A.P. Sukhorukov. *Izv. vys. ucheb. zav.; radiofiz.* 9 no.4:765-777 '66.

ORBELL, LEON ABGAROVICH, 1882-

Papers published by L.A. Orbell in 1905-1906. A.A. Aftalan. *Biol. zhur. Arm.* 19 no.8:105-106 Je '66.

ORBIT (EYE)—DISEASES

Rare case of dermoid cyst of orbit. B.I. Vainshtein. *Trudy Turk. nauch. -issl. trakh. inst.* 9:220-222 '65.

ORDINANCES, MUNICIPAL

Issuance of regulatory enactments by municipal soviets and their executive committees. E.V. Dreishev. *Vest LGU* 21 no.11:117-122 '66.

ORE DEPOSITS

(see also subdivision under Altai Mountains; Armenia; Chatkal Range; Karamazar Mountains; Kazakhistan; Sakhalin; Sayan Mountains; Tolukho Valley; Transbaikalia; Ukraine; Zangazur Range)

Characteristics of hydrothermal ore formation under the land and sea. S.N. Ivanov. *Dokl. AN SSSR* 169 no.1: 177-180 Ji '66.

Hydrothermal sulfide ore formation. G.I. Kniznev, R.S. Seifullin. *Geol. i geofiz.* no.4:64-72 '66.

Main characteristics of endogenetic metallogeny of autonomous activation zones. A.D. Shcheglov. *Dokl. AN SSSR* 169 no.2:420-423 Ji '66.

Principles in the determination of the coefficient of ore potentials. I.D. Kogan. *Razved. i okh. nedr.* 32 no.3: 10-17 '66.

Some problems of the methodology of studying ore zones confined to xenoliths of the roof intrusives. E.I. Filatov. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no.6: 58-63 Je '66.

Structure of the localization of minerals. N.P. Yermakov. *Trudy VNIP [MS]* 7:7-26 '62.

ORE DEPOSITS—MAPS

Shatalov, E.T., ed. [Using geochemical methods in metallogenetic investigations of ore-bearing regions; fundamentals of the metallogenetic study and compilation of metallogenetic and prognostic maps of ore-bearing regions] *Primeneniye geokhimicheskikh metodov pri metallogenicheskikh issledovaniyakh rudnykh rai-onov; osnovnye printsipy metallogenicheskikh issledovaniy i sostavleniye metallogenicheskikh i prognosticheskikh kart rudnykh rai-onov*. [By] I.I. Ginzburg i dr. Moskva, Nedra, 1966. 205 p.

ORE DRESSING

Iron mining and ore dressing industry in the new five-year plan. S.M. Meteshkin, V.A. Ivanov. *Shakht. strol.* no.7:4-5 Ji '66.

ORE DRESSING PLANTS—EQUIPMENT AND SUPPLIES

Distribution of mineral particles in loosened mixture. E.A. Nepomniashchii. *Obog. rud* 11 no.2:32-35 '66.

Industrial testing of experimental models of heavy-duty jigs. A.I. Povorov and others. *Obog. rud* 11 no.2: 44-50 '66.

Kriukov, D.K. [Improving the crushing equipment of mining and ore dressing enterprises] *Usovershenstvovanie raznoimennogo obrabotki gornopromyshlennyykh predpriyatiy*. Moskva, Nedra, 1966. 173 p.

Ore pebble milling of tin-containing ores. V.P. Iashin, V.M. Vaisberg. *Obog. rud* 11 no.2:3-8 '66.

Prospects for using the self-comminution process in tin ore dressing. V.G. Kotlarov. *Fiz.-tekhn. probl. razrab. pol. iskop.* no.3:121-130 '66.

Use of Arched screens in comminution of easily slitting ores. L.E. Ivanova, V.P. Chernyshev. *Obog. rud* 11 no.2:40-44 '66.

ORE HANDLING—EQUIPMENT AND SUPPLIES

Plygach, V.M. [Operator of car scales and ore transfer cars] *Mashinist vagon-vesov i rudnogo transferkara*. Moskva, Metallurgiya, 1965. 157 p.

OREKHIOV, SERGEI IAKOVLEVICH

Three meetings. Mikhail Andrianov. *Voen. znani.* 42 no.8:6-9 Ag '66.

OREL PROVINCE—WHEAT

For creative approach. A.A. Demidov. *Zemledelie* 26 no.7:51-52 Ji '66.

ORENBURG—PUBLIC PROSECUTORS

Working with people is the first priority. I. Kortamyshov. *Sots. zakon.* no.5:63-64 My '66.

ORENBURG PROVINCE—EDUCATION

Our work and our plans. N. Semynkin. *Nar. obr.* no.8:9-11 Ag '66.

ORENBURG PROVINCE—TELEVISION IN AGRICULTURE

"Controller Uncle Egor is speaking." M. Petrov. *Sov. radio i tel.* 13 no.10:16-17 O '63.

ORGANIC ACIDS see Acids, Organic

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

Nature of intermolecular bonds in complexes with charge transfer. I.G. Arzhamanov, E.N. Gur'yanova. *Zhur. ob. khim.* 36 no.7:1157-1165 Ji '66.

Reaction mechanism of liquid-phase oxidation of organic compounds by molecular oxygen on solid catalysts. I.I. Ioffe, N.V. Klimova, I.A. Mekrousova. *Dokl. AN SSSR* 169 no.2:380-382 Ji '66.

Using microwave spectrometry in quantitative analysis of organic compounds. A.N. Alekandrov, G.I. Tysovskii. *Neftoper. i neftekhim* no.7:37-39 '66.

ORGANIC COMPOUNDS—PHOTOELECTRIC PROPERTIES

Nature of a new effect of variation in the photoconductivity of organic semiconductors in a magnetic field. E.L. Frankovich. *Zhur. eksp. i teor. fiz.* 50 no.5: 1220-1234 My '66.

Photoconductivity of organic dyes at a frequency of 10¹⁰ cps. L.N. Ionov, I.A. Akinov, A.N. Terentii. *Dokl. AN SSSR* 169 no.3:550-553 Ji '66.

ORGANIC COMPOUNDS—SPECTRA

Kovalev, I.P., and E.V. Titov. [Infrared absorption spectra of some groups of natural compounds; atlas of spectra] *Infrakrasnye spektry prirodnicheskikh i nekotorykh grupp prirodnikh soedinenii; atlas spektrov*. Khar'kov, Izd-vo Khar'kovskogo gos. univ. 1966. 201 p.

ORGANOBORON COMPOUNDS

Heats of formation of tri-n-butylboron and n-butylboracyclopentane. G.L. Galchenko and others. *Dokl. AN SSSR* 169 no.3:597-599 Ji '66.

Organocycloboroxanes. K.A. Andrianov, T.V. Vasil'eva, R.A. Romanova. *Dokl. AN SSSR* 169 no.6:1057-1060 Je '66.

ORGANOFLUORINE COMPOUNDS

Galil-Ogly, F.A., A.B. Novikov, and Z.N. Nudel'man. [Fluorocopolymers and rubbers based on them] *Fluorokuchuki i reziny na ikh osnove*. Moskva, Khimika, 1966. 234 p.

Methods of preparation and properties of organofluorine compounds. Part 4: N- α , α -trichlorononamylurea, amylamine chloride, α , α -trichlorohexafluorovaleric acid. S.A. Mazalov, S.V. Sokolov. *Zhur. ob. khim.* 36 no.7:1330-1337 Ji '66.

ORGANOGERMANIUM COMPOUNDS

Action of bromine and hydrogen chloride on some aromatic organogermanium compounds. S.A. Sarankina, Z.M. Manlikin. *Zhur. ob. khim.* 36 no.7:1209-1210 Ji '66.

Synthesis and transformations of unsaturated organogermanium compounds. Part 30: Synthesis and transformations of some branched monohydric tertiary organogermanium alcohols of the ethylene series. I.A. Shukhlov, I.A. Aslanov, N.T. Mekhmandarova. *Zhur. ob. khim.* 36 no.7:1285-1297 Ji '66.

ORGANOMAGNESIUM COMPOUNDS

Interaction of 1,3-dioxo-2-silylacylones and their oligomers with alkyl(aryl) magnesium halides. M.F. Shostakovskii and others. *Izv. AN SSSR, Ser. khim.* no.7:1283-1285 '66.

ORGANOMERCURY COMPOUNDS

Interaction of hydrazones and azines with metal salts. Report No. 7; Comparative study of diazoaliphatic and hydrazine methods of synthesis of organomercury compounds. A. S. Gukova, M. I. Alekhnova, O. A. Reutov. Izv. AN SSSR, Ser. khim., no. 7:1165-1171 '66.

Peroxide organometallic compounds of mercury. G. A. Razuvaev, E. I. Fedotova. Dokl. AN SSSR 169 no. 2: 355-357 JI '66.

ORGANOMETALLIC COMPOUNDS

Cis-trans isomers of propenyl derivatives of magnesium and boron. A. N. Nesmetanov, A. E. Borilov, M. A. Osipova. Dokl. AN SSSR 169 no. 3:602-605 JI '66.

Preparation of α -alkylpyridines and α -alkylpyridine oxides with a long side chain. I. L. Kotliarskii and others. Izv. AN SSSR, Ser. khim., no. 7:1224-1228 '66.

Splitting off of a hydride ion from organometallic compounds by sterically hindered ketones. S. V. Vitt, N. S. Martinkova. Izv. AN SSSR, Ser. khim., no. 7:1185-1188 '66.

Synthesis and polymerization of triparavinylphenylantimony and triparavinylphenylbismuth. M. I. Kotov, F. S. Florinskii. Dokl. AN SSSR 169 no. 3:598-599 JI '66.

ORGANOPHOSPHORUS COMPOUNDS

(see also subdivision under Ukraine)

Binding energy of phosphoryl oxygen as a criterion of the extracting capacity of organophosphorus compounds. A. V. Nikolaev, I. A. Afanas'ev, A. D. Starostin. Dokl. AN SSSR 169 no. 5:1080-1081 JI '66.

Organophosphorus compounds with an active methylene group. Part 3: Synthesis of some esters of carboxyanilides of phosphonic acid. M. G. Imaev, A. M. Shakhova, R. A. Galeeva. Zhur. ob. khim., 36 no. 7: 1230-1232 JI '66.

Organophosphorus stabilizers for polypropylene. D. A. Akhmedzade and others. Plast. massy no. 8:12-14 '66.

Pentavalent organophosphorus compounds. Part 2: Alkylamides of alkyltrifluoro- and dialkyldifluoro-orthophosphoric acids. S. Z. Ivin and others. Zhur. ob. khim., 36 no. 7:1246-1248 JI '66.

Polyphosphoric systems. V. P. Evdakov, E. K. Shienkova. Dokl. AN SSSR 169 no. 8:1323-1326 JI '66.

Search for bactericide preparations in the series of organophosphorus compounds. L. P. Divinskaya and others. Zhur. ob. khim., 36 no. 7:1244-1246 JI '66.

Selecting synergists for organophosphorus insecticides. S. A. Roslavtseva, P. V. Popov, I. A. Mandelbaum. Khim. v sel', khoz., 4 no. 8:25-27 Ag '66.

ORGANOPHOSPHORUS COMPOUNDS—PHYSIOLOGICAL EFFECTS

Studying the trichlorometaphos-3 metabolism in the organism of animals. O. S. Mikhailova. Khim. v sel', khoz., 4 no. 8:59-62 Ag '66.

ORGANOPHOSPHORUS COMPOUNDS—TOXICOLOGY

Relation between the chemical structure and the toxicity of some amidoesters and imides of phosphoric acid. I. D. Nekrasova and others. Khim. v sel', khoz., 4 no. 8: 22-26 Je '66.

ORGANOSILICON COMPOUNDS

Interaction of 1,3-dioxo-2-silacyclanes and their oligomers with alkyl(aryl) magnesium halides. M. F. Shostakovskii and others. Izv. AN SSSR, Ser. khim., no. 7:1283-1285 '66.

Synthesis and properties of bis(trimethylsilyl) borates. V. F. Gridina and others. Zhur. ob. khim., 36 no. 7: 1283-1285 JI '66.

ORGANOTHERAPY

Study of the effect of tissue preparation on the function of some biological catalysts. V. I. Savitskiy. Fiziol. zhur. [Ukr.], 12 no. 4:510-517 JI-Ag '66.

ORGANOTIN COMPOUNDS

Mixed organotin compounds containing an allylic radical. G. F. Rubinchik, Z. M. Manukin. Zhur. ob. khim., 36 no. 7:1301-1304 JI '66.

ORGANOTRITIUM COMPOUNDS

Gusev, G. O., and I. M. Kapustin. [Tritium in organic chemistry] Tritii v organicheskoi khimii. Moskva, Atomizdat, 1966, 76 p.

ORGANOZINC COMPOUNDS

Preparation of mixed organozinc compounds from alkyl bromides and a zinc-copper pair. R. F. Galiulina, N. N. Shabanova, G. G. Petukhov. Zhur. ob. khim., 36 no. 7:1299-1292 JI '66.

ORIENTAL STUDIES

(see also subdivision under Ukraine; United States)

Problems of Oriental despotism in the works of Soviet scholars. V. A. Rubin. Nar. Az. i Afr., no. 4:95-104 '66.

ORPHANS AND ORPHANAGES

History of efforts to help homeless children. P. G. Sofinov. Vop. ist. KPSS 10 no. 8:109-112 Ag '66.

ORTHODOX EASTERN CHURCH

(see also subdivision under Galicia; Lvov)

Bulgakov, S. N. [Orthodoxy; outline of the teaching of the Orthodox Church] Pravoslavie; ocherki uchenia pravoslavnoi iserkvi. Paris, YMCA-Press [1965?] 403 p.

(NYP)

Decisions of the Holy Synod. Zhur. Mosk. Patr., no. 6: 1-2 '66.

News from dioceses. Zhur. Mosk. Patr., no. 6:34-36 '66.

ORTHODOX EASTERN CHURCH—CLERGY

Archimandrite Sevastian (Pomni); obituary. A. Prosvirnin. Zhur. Mosk. Patr., no. 6:37-39 '66.

Archpriest Dimitrii Nikitich Semchishin; obituary. V. Politylo. Zhur. Mosk. Patr., no. 6:36-37 '66.

Elevation to the rank of archbishop. Zhur. Mosk. Patr., no. 6:2 '66.

Obituaries. Zhur. Mosk. Patr., no. 6:36 '66.

Order of Saint Vladimir awarded to the head of a church. Zhur. Mosk. Patr., no. 6:1 '66.

ORTHODOX EASTERN CHURCH—RELATIONS

Brief news. Zhur. Mosk. Patr., no. 6:3 '66.

In the Alexandria Church Mission. V. Petliuchenko. Zhur. Mosk. Patr., no. 6:32-33 '66.

Letter from His Holiness Patriarch Aleksei to Doctor Arthur Michael Ramsay, Archbishop of Canterbury. Zhur. Mosk. Patr., no. 6:3 '66.

Representative of the fraternal Coptic Church Bishop Samuil in Moscow. A. Kaznovetski. Zhur. Mosk. Patr., no. 6:81-85 '66.

Visit of a delegation of the Moscow Patriarchate to the churches of Ethiopia and Madagascar. Zhur. Mosk. Patr., no. 6:3-4 '66.

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

ORTHOPEDIA

(see also subdivision under Dosheti District)

Kazan. Nauchno-issledovatel'skii institut travmatologii i ortopedii. [Prevention and treatment of lesions and diseases of the musculoskeletal apparatus. Some problems of neurosurgery. Materials of the report session of the Institute and its supporting branches of February 26-28, 1963] Profilaktika i lechenie travm i zabolevani oporno-dvigatel'nogo apparata. Nekotorye voprosy neirokhirurgii. Materialy itogovoi nauchnoi sessii Instituta i ego nauchno-opornyykh punktov, 1963 g. Kazan', [1963] 295 p. (DNLM)

Late posttraumatic ruptures of the tendon of the extensor pollicis longus. R. D. Kharitonov. Ortop. travm. i protez., 27 no. 7:10-25 JI '66.

Reconstructive surgery and prosthesis in congenital hypoplasia of the lower extremity. V. V. Sinev, N. M. Shamutov. Ortop. travm. i protez., 27 no. 7:70-73 JI '66.

Surgical treatment of supercondyloid T-, V- and Y-shaped fractures of the hip. A. A. Gaidukov. Ortop. travm. i protez., 27 no. 7:35-37 JI '66.

ORTHOPEDIC APPARATUS

Device for measuring the torsion of leg bones. L. N. Aliakina. Ortop. travm. i protez., 27 no. 7:75-77 JI '66.

Fixator and expandable brace for the Kirschner wire. A. L. Gimmel'farb, P. Sh. Bakhtozin. Ortop. travm. i protez., 27 no. 7:74-75 JI '66.

ORTHOPTERA see subdivision under Kara-Kalpak A.S.S.R.

OSCILLATIONS

Form and width of a spectral line of oscillations during nonsteady frequency fluctuations. A. N. Muizhkov. Izv. vys. ucheb. zav.; radiofiz., 9 no. 3:625-627 '66.

Simple extremum systems of the acid-oscillating type with an inertial object. N. N. Leonov. Izv. vys. ucheb. zav.; radiofiz., 9 no. 4:700-800 '66.

OSCILLATORS, CRYSTAL

Fluctuations in a quartz oscillator. A. N. Malakhov. Izv. vys. ucheb. zav.; radiofiz., 9 no. 3:622-624 '66.

OSCILLATORS, ELECTRIC

Study of the forced oscillation modes of electromagnetic pulse generator circuits. V. G. Bril'nev, N. N. Blotskii. Elektrichestvo no. 7:66-70 JI '66.

OSCILLATORS, ELECTRON-TUBE

Effect of parameter fluctuations on the operation of two coupled oscillators. I. M. Kilbanova. Izv. vys. ucheb. zav.; radiofiz., 9 no. 4:720-728 '66.

OSCILLATORS, TRANSISTOR

Classification of transistor RS self-oscillator circuits. V. G. Bondarenko. Mekh. i avtom. upr., no. 3:56-57 My-Je '66.

OSCILLOGRAPHY

Dependence of thresholds of primary responses of cortical projection zone and corpus geniculatum nucleus on signal meaning of acoustic stimulus. G. T. Vasilenko, U. G. Gannov. Zhur. vyzn. nerv. deiat., 16 no. 4:619-624 JI-Ag '66.

Evaluation of arterial oscillograms in man. G. A. Chukhril, S. B. Much, I. A. Sokolov. Dokl. AN SSSR 169 no. 1:103-112 '66.

OSMIUM ISOTOPES—DECAY

Decay of the ^{187}Os isotope. D. N. Beliaev and others. Izv. Akad. Nauk SSSR, Ser. fiz.-mat. nauch., no. 4:225-227 Ag '66.

OSMOSIS

Changes in the optical density of tissue protein solutions of some freshwater animals as related to the osmotic potential. V. V. Khilchevich. Tsitologiya i klet. pat., 4:401-404 My-Je '66.

OSTRACODA see subdivision under Caspian Sea

OSTRACODA, FOSSIL see subdivision under Armens

OUTER SPACE—EXPLORATION

Radiology and cosmic research. A. Kazin. Av. kosm. i zhizn. v kosm., no. 3:35-41 Ag '66.

OVARIES—TUMORS

Ird, E. A. [Follicular cysts of the ovary and dysfunctional (tumors)] Follikulyarnyye tsisty i disfunktsional'nyye opukholi. [Leningrad] Medicina, 1966, 118 p. (DNLM)

OWLET MOTHS

European cabbage moth in Kharkov Province. A. Z. Zavora. Zashch. rast., 11 no. 7:46 '66.

OXAMIDE

Synthesis of polyoxamides by polycondensation of oxamides at the interface of immiscible liquids. O. I. A. Fedotova, S. A. Zakharichkov. Vysokomol. soedin., 8 no. 1:1445-1449 Ag '66.

OXAZOLIDINONE—PHYSIOLOGICAL EFFECT

Effect of oxazolidinone on the toxicity of pyogenic staphylococci. S. I. Shcherbortina, Z. M. Gannova. Zhur. mikrobiol., epid. i immunit., 43 no. 7:140-141 JI '66.

OXIDATION

Activity and selectivity of some mixed catalysts for a selective oxidation of unsaturated hydrocarbons on the C-H bond. S. S. Stronov and others. Neftokhimiya, 6 no. 3:412-422 My-Je '66.

Basic regularities of paraffin wax oxidation in a continuous process. N. K. Dinkov and others. Neftokhimiya, 6 no. 3:440-449 My-Je '66.

Characterization of 1-octadecanol oxidation by atmospheric oxygen. A. I. Dima, V. G. Nedavina. Neftokhimiya, 6 no. 3:440-445 My-Je '66.

Determining the direction of crystal growth in metals in the early stages of metal oxidation. D. I. Lashin and others. Fiz. met. i metalloved., 21 no. 5:713-719 Ag '66.

Free radicals in diphenylalkylamine oxidation reactions. G. A. Abakumov, A. A. Abzheva, G. A. Hasev. Dokl. AN SSSR 169 no. 3:678-683 JI '66.

Heating porous materials during oxidation. E. T. Dotsenko. Porosh. met., 6 no. 7:35-38 JI '66.

Kinetics of oxidation processes in a converter bath. V. G. Gushchenko, B. N. Ludyshenskii, G. I. Ezhov. Izv. vys. ucheb. zav.; Chern. met., 0 no. 7:48-52 '66.

Order of phosphorus and sulfur oxidation during the oxygen-blown converter process. Report No. 1. E. E. Galkin. Izv. vys. ucheb. zav.; Chern. met., 0 no. 7:51-58 '66.

Oxidation of cyclohexanone in the presence of acetic anhydride. K. M. Sokova and others. Neftokhimiya, 6 no. 3:434-439 My-Je '66.

Oxidation of hydraulic resins in order to increase the yield of coke. N. A. Salimova, I. A. Gukman, D. A. Aliev. Izv. vys. ucheb. zav. i gaz. 0 no. 3:33-31 '66.

Oxidation of polymers in air during mechanical destruction. E. T. Kononchik, D. M. Rafalevich, I. L. Rezhik. Plast. massy no. 8:72-73 '66.

Oxidation of polypropylene stabilized by 4-methyl-substituted alkylphenols. I. L. I. Aline and others. Vysokomol. soedin., 8 no. 6:1411-1413 Ag '66.

Phosphorus and carbon oxidation during the open-hearth furnace conversion of phosphorus cast iron. E. A. Kazachkov and others. Izv. vys. ucheb. zav.; Chern. met., 0 no. 7:66-68 '66.

Rarefied flames of sulfur vapors studied by the electron paramagnetic resonance method. F. N. Surkhanov, V. V. Azatkin, A. B. Nalbandov. Dokl. AN SSSR 169 no. 6:1354-1355 Je '66.

Rate constants of chain propagation and chain termination during oxidation of methyl ethyl ketone as influenced by the polarity of the medium. G. E. Zaitov and others. Dokl. AN SSSR 169 no. 6:1098-1099 Je '66.

Some regularities in the oxidation of tetrachloroethylene. V. A. Poluektov, I. V. Dobrov, S. A. Laptina. Dokl. AN SSSR 169 no. 6:1111-1113 Je '66.

OXIDATION (Continued)

Studying by aerodynamic model the top oxygen layers for the oxidation of CO. A. I. A. Rehtman, I. N. Nevedomskaya. Izv. vyz. ucheb. zav., i. chem. met. 9 no. 7: 168-182 '66.

OXIDATION, PHYSIOLOGICAL

Changes in liver tissue respiration following disorders in the portal circulation. A. I. Nazarenko. Fiziol. zhur. [Ukr.] 12 no. 4:478-482 Ji-Ag '66.

Dynamics of tissue respiration of the pancreas, spleen, liver, and kidneys following the ligation of the cranial and caudal pancreaticoduodenal and splenic arteries. L. I. Khananov, G. F. Grishilo. Biol. eksp. biol. i med. 62 no. 7:27-30 Ji '66.

OXIDES

Chemical transformations of diols and organic oxides. Report No. 10: Synthesis of 3-monoalkyl and aryl substituted β -oxides. M. Bartok, B. Kozma, N. I. Shukin. Izv. AN SSSR, Ser. khim. no. 7:1241-1244 '66.

OXO PROCESS

Secondary reactions taking place in the process of oxo synthesis. K. A. Alekseeva and others. Neftekhimiya 6 no. 3:458-462 My-Je '66.

OXYGEN

Effect of oxygen in the oxidative dehydrogenation of butenes to divinyl on a bismuth-molybdenum catalyst. R. A. Zimin, S. Z. Roginskii, M. I. Anovskii. Neftekhimiya 6 no. 3:374-379 My-Je '66.

Interaction of samarium, gadolinium, and erbium chlorides with oxygen. D. V. Drobt, B. G. Korshunov. Izv. AN SSSR, Neorg. mat. 2 no. 6:1003-1008 Je '66. Photochemical evolution of oxygen in aqueous solutions of iron oxide; sensitization by tungsten, titanium, and zinc oxides. A. A. Kravonovskii, G. P. Brin. Dokl. AN SSSR 168 no. 5:1100-1103 Je '66.

Reaction mechanism of liquid-phase oxidation of organic compounds by molecular oxygen on solid catalysts. I. I. Ioffe, N. V. Klimova, I. A. Mokrousova. Dokl. AN SSSR 169 no. 2:389-392 Ji '66.

OXYGEN—INDUSTRIAL APPLICATIONS

Characteristics of the decarburization of a molten iron-chromium alloy during its blowing with gases. G. O. Neigelbauer, A. A. Iskevich, E. N. Bandenkov. Izv. vyz. ucheb. zav.; i. chem. met. 9 no. 7:73-76 '66.

OYSTERS, FOSSIL—CLASSIFICATION

Systematics and phylogeny of the family Ostreidae. N. A. Chelmsova. Biol. MOIP, Otd. geol. 41 no. 2: 144 Mr-Ap '66.

OZONE

Sounding of ozonosphere and some results of measuring the distribution of ozone. A. S. Britanov, V. A. Iozenas. Meteor. i gidrol. no. 7:32-34 Ji '66.

Statistical characteristics of the ozonosphere. I. U. A. Shafirin. Izv. AN SSSR, Fiz. atm. i okean 2 no. 6:647-655 Je '66.

OZONIDES

Synthesis of potassium ozonide via potassium superoxide suspended in frozen H_2O . I. I. Volynov and others. Izv. AN SSSR, Ser. khim. no. 7:1267-1269 '66.

PACIFIC AREA—SECURITY, INTERNATIONAL

Expansion of the United States in the Pacific Ocean. D. Volkov. Nov. vrem. 24 no. 34:13-14 Ag '66.

PACIFIC OCEAN—PINNIPEDIA

Ecologic-functional and age-related characteristics of red blood in North Pacific Pinnipedia. A. S. Sokolov. Dokl. AN SSSR 169 no. 3:683-684 Ji '66.

PACIFIC OCEAN—SEAWATER—COMPOSITION

Strontium-90 content in the waters of the Pacific Ocean in 1962 and 1964. V. B. Chumichev. Trudy Inst. okean. 82:20-23 '66.

Strontium-90 in the waters of the Pacific Ocean. Report No. 3: Vertical distribution in the central area, 1961. N. I. Popov and others. Trudy Inst. okean. 82:5-15 '66.

PACKAGING—STANDARDS

Standards for packaging and marking of consumers' goods should be reviewed. G. E. Starostinetskaia. Stand. i knozh. 30 no. 3:87 Mr '66.

PAIN

Pain syndrome in Iisenko-Cushing's disease. L. S. Soskin, A. L. Kuzn. A. I. Bukhman. Sov. med. 20 no. 7: 124-131 Ji '66.

PAINT

Karasev, K. I., and D. M. Iabko. [Silica and cement paints in building finishes in the city of Moscow] Silikatnye i tsementnye kraski v otelke zdaniy g. Moskvy. Moskva, Stroizdat, 1966, 71 p.

PAINTERS

Shcher, N. S. [Stories about Russian artists] Rasskazy o russkikh khudozhnikakh. Moskva, Det'skaya literatura, 1966, 394 p. illus.

PAINTERS, CHECHEN

Shaban'tanis, N. Sh., and V. A. Gorchakov. [Artists of the Chechen-Ingush Autonomous Republic] Khudozhniki Checheno-Ingusheti. Leningrad, Khudozhnik RSFSR, 1965, 17 p., 43 plates. (NIC)

PAINTERS, ENGLISH

Kuznetsova, Irina, comp. [English painters from Hogarth to Turner] Angliyskie khudozhniki i Khogarta do Turnera. [Leningrad] Sovetskii khudozhnik [1966] 17 p. 108 illus.

PAINTING, INDUSTRIAL see subdivision under Leningrad

PAINTINGS, CHECHEN

Shaban'tanis, N. Sh., and V. A. Gorchakov. [Artists of the Chechen-Ingush Autonomous Republic] Khudozhniki Checheno-Ingusheti. Leningrad, Khudozhnik RSFSR, 1965, 17 p., 43 plates. (NIC)

PALEKH (IVANOV PROVINCE)—FOLK SONGS

Songs of Palekh. I. El'cheva. Sov. muz. 30 no. 5:119-123 My '66.

PALEOBOTANY, STRATIGRAPHIC see subdivision under Estonia; Mangyshlak Peninsula

PALEOCLIMATOLOGY—MAPS see subdivision under West Siberian Plain

PALEOECOLOGY

Akademiya nauk SSSR. Nauchnyi sovet po probleme "Puti i zakonomernosti istoricheskogo razvitiya zhivotnykh i rastitel'nykh organizmov." [Organism and the environment in the geological past] Organizmy i sreda v geologicheskoi proshlom. Moskva, Nauka, 1960, 287 p.

PALEOGEOGRAPHY

(see also subdivision under Dnieper Valley)

Possibility of using some paleogeographic characteristics for explanation of general conditions of formation of continental sediments. N. N. Berzina. Vest. LGU 21 no. 12:16-22 '66.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Karatau; Pechora Basin; Samara Bend; Transbaikalia

PALLADIUM—ELECTRIC PROPERTIES

Effect of small additions silver on the electric resistance of palladium. E. G. Okonnikov. Met. i metalloved. chint. met. no. 5:77-81 '66.

PALLADIUM COMPOUNDS—SPECTRA

γ -Substituted palladium bis-acetylacetonates. Polarography, infrared and ultraviolet spectra. A. P. Gubin, L. I. Denisovich, A. Z. Rubzhev. Dokl. AN SSSR 169 no. 1:103-108 Ji '66.

PALLADIUM CRYSTALS—GALVANOMAGNETIC PROPERTIES

Galvanomagnetic properties of hydrogenated palladium single crystals. N. E. Alekseevskii, G. E. Karstens, V. V. Mozhaev. Zhur. eksp. i teor. fiz. 50 no. 5: 1202-1204 My '66.

PALYGONSKITE—ANALYSIS see subdivision under Tajikistan

PALYNOLOGY see subdivision under Prangli Island; Volga Valley

PAMIRS—METAMORPHISM (GEOLOGY)

Metamorphic zoning and petrological interrelationship of the Wakhan series and Hushan complex (southwestern Pamirs). A. G. Davydchenko. Dokl. AN SSSR 169 no. 6:1370-1373 Je '66.

PAMIRS—PETROLOGY

Metamorphic zoning and petrological interrelationship of the Wakhan series and Hushan complex (southwestern Pamirs). A. G. Davydchenko. Dokl. AN SSSR 169 no. 6: 1370-1373 Je '66.

PANAMA—POLITICS AND GOVERNMENT

Provocation in Panama. Nov. vrem. 24 no. 35:22-23 Ag '66.

PANCREAS—DISEASES

Decompression operations (cholecystojejunostomy, cholecystojejunostomy) in duodenal stasis complicated by cholecystopancreatitis. E. V. Smirnov, O. B. Poronitskii, A. D. Shabozhankin. Khirurgiya 42 no. 6:127-131 Je '66.

Mucoviscidosis in adults. E. G. Leizerovskaya and others. Sov. med. 20 no. 7:30-45 Ji '66.

Our experience in treating acute cholecystitis and cholecystopancreatitis. A. Liepkalns and others. Khirurgiya 42 no. 6:123-127 Je '66.

PANCREATIC FISTULA see Fistula, Pancreatic

PANELS (BUILDING)

Lelchenko, V. G., and N. I. Bockovskaya. [Ventilated built-up roofs made from three-dimensional panels] Sovmestchennoye ventiliruyemye pokrytiya iz ob'emnykh paneli. Kiev, Budivelnik, 1966, 47 p.

PANTIUSHIN, VASILII SERGEEVICH, 1906-

V. S. Pantushin; on his 60th birthday. V. A. Kirillin and others. Elektrichestvo no. 7:80 Ji '66.

PAPER

Dimensional factor of paper. I. A. N. Shvetsov. Rum. prom. no. 6:8-9 Ju '66.

PAPER CHROMATOGRAPHY—EQUIPMENT AND SUPPLIES

Device for automatic arrest of the movement of the solvent on chromatographic paper. V. N. Chernov, V. M. Bereznevskiy. Lab. delo no. 8:503-504 '66.

PAPER INDUSTRY

(see also subdivision under Astrakhan)

Processing the waste of vegetable parchment. S. N. Ivanov, I. G. Lushchenko. Rum. prom. no. 6:21-23 Ju '66.

Production of white groundwood from aspen. A. S. Kosol, N. I. Frolov. Rum. prom. no. 6:6-8 Ju '66.

PAPER INDUSTRY—FINANCE

Basic capital assets and specialization in the paper industry. V. N. Rudin. Rum. prom. no. 6:25-26 Ju '66.

PAPERMAKING MACHINERY

Automatic pneumatic felt tightener. A. P. Polishchuk. Rum. prom. no. 6:24 Ju '66.

PAPERMAKING MACHINERY—ABSTRACTS

[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhur.: Tekh. i obr. tsel. bum. i poligr. proizv. no. 6 Je '66.

PAPERMAKING MACHINERY—ELECTRIC DRIVING

New electric driving system of a papermaking machine. V. K. Garmov, L. M. Vlashevskii. Rum. prom. no. 6:12 Je '66.

PARAFFIN WAX

(see also subdivision under Siberia; Western)

Basic regularities of paraffin wax oxidation in a continuous process. N. K. Dikunova and others. Neftekhimiya 6 no. 3:446-448 My-Je '66.

Device for paraffin sampling along a well bore. B. M. Suchkov. Nefteprom. delo no. 5:27-29 '66.

PARAFFINS

Adsorption of $C_9 - C_{16}$ alkanes on a shaped CaA zeolite. N. N. Grigorev, N. I. Kuptsova, G. A. Romantseva. Dokl. AN SSSR 169 no. 3:375-377 Ji '66.

Cultivation of micro-organisms consuming liquid N-alkanes. I. M. Pozmogova. Izv. AN SSSR, Ser. biol. 31 no. 3:560-560 Ji-Ag '66.

Studying the performance duration of zeolites CaA in the process of isolation of n-alkanes from gasoline. P. N. Galich and others. Neft. i gaz. prom. no. 2:44-

PARAGANGLIA see Chromaffin system

PARALYSIS

Transplantation of the musculus erector spinae to the hip in paralysis of the musculus gluteus maximus following poliomyelitis. I. V. Ginzburg. Ortop., travm. i protez. 27 no. 7:9-15 Ji '66.

PARALYSIS AGITANS

Some clinical and electromyographic correlations in patients with parkinsonism. M. G. Voren. Trudy TSUR 81:13-20 '65.

PARANOIA

Paranoic development as a stage of dynamics of "acquired" psychopathy (pathocharacterological development). N. A. Oprin. Prak. sudobnopsikh. ekspert. no. 11:84-92 '66.

PARASITES—CLEARWINGED MOTHS see subdivision under White Russia

PARASITES—DOMESTIC ANIMALS

Shul'ia, R. S. [Helminths and helminthoses of domestic animals] Gel'minty i gel'mintozy sel'skokhoziaistvennykh zhivotnykh. Alma-Ata, Kalnar, 1964, 368 p. (DNAL)

PARASITES—EURYGASTERS

Telenomus sokolovi Mayr (Hymenoptera, Scelionidae) as intermediate parasite of Eurygaster integriceps Put. eggs. G. A. Viktorov. Dokl. AN SSSR 169 no. 3:741-744 Ji '66.

PARASITES—FISHES see subdivision under White Russia

PARASITES—LAC INSECTS

Natural enemies of Indian lac insects among Lepidoptera. A. K. Zagladov. Zool. zhur. 45 no. 7:1033-1036 '66.

- PARASITISM**
What parasitism is. R.S. Chebotarev. Vestsi AN BSSR. Ser. sel'nasp. nav. no. 2:109-117 '66.
- PARASITOLOGY—BIBLIOGRAPHY** see Bibliography—Parasitology
- PARASYMPATHETIC NERVOUS SYSTEM** see Nervous system, Parasympathetic
- PARASYMPATHOLYTIC AGENTS**
Cholinolytic effect of camphor. A.S. Saratkov, V.K. Gorshkova. Biol. eksp. biol. i med. 61 no. 4:66-70 Ap '66.
Tremorine hyperkinesia as a model for the evaluation of the cholinolytic activity of substances. S.N. Goltkov, S.I. Loktionov. Biol. eksp. biol. i med. 61 no. 4:61-65 Ap '66.
- PARASYMPATHOMIMETIC AGENTS**
Study of functional state of central adrenergic and cholinergic structures in various stages of schizophrenia. G.V. Morozov, L.P. Anokhina. Zhur. nevro. i psikh. 86 no. 8:1219-1227 '66.
- PARATYPHOID FEVER—PREVENTIVE INOCULATION**
Response reaction of the body to the introduction of chemical precipitated typhoid-paratyphoid vaccine. L.K. Dobrodeeva. Zhur. mikrobiol., epid. i immun. 43 no. 8:143-144 Ag '66.
- PARCHMENT—BY-PRODUCTS**
Processing the waste of vegetable parchment. S.N. Ivanov, I.G. Leshchenko. Bum.prom. no. 6:21-23 Je '66.
- PARENT AND CHILD**
Horochovych, Tonia. [Parents and children] Bat'ky i dity. Winnipeg, Nakladom Soluzu Ukrainok Kanady z Fundatsii Im. Natalii Kobryns'koj, 1965. 138 p.
- PARENT AND CHILD (LAW)**
Application of the Soviet family law in the interest of increasing parents' responsibility for the education of children. Z. Pidprygora. Rad.pravo 28 no. 7:172-75 Ji '66.
- PAROLE**
Apply correctly the law on parole. Sov.iust. 30 no. 10:4-6 My '66.
- PARTHIA—CULTURE**
Koshelenko, G.A. [Culture of Parthia] Kul'tura Parfil. Moskva, Nauka, 1966. 217 p.
- PARTHIAN ARMS AND ARMOR** see Arms and armor, Parthian
- PARTIAL DIFFERENTIAL EQUATIONS** see Differential equations, Partial
- PARTICLE ACCELERATORS**
Accelerators with opposing particle beams. G.I. Budkov. Usp. fiz. nauk 89 no. 4:533-547 Ag '66.
Use of charge exchange in the multiple acceleration of particles in a potential electric field. G.N. Vialov, M.M. Fiks. Usp. fiz. nauk 89 no. 3:437-452 Ji '66.
- PARTICLE BOARD**
Accelerate mastering of production at rated capacity of shops of particle boards. G.M. Shvartsman. Der.prom. 15 no. 8:1-3 Ag '66.
Air separation of dust from shavings in producing particle boards. N.I. Rogozin, I.U. M. Filippov. Der.prom. 15 no. 8:5-6 Ag '66.
DK-1M main conveyor for shops of particle boards. V.A. Zykov, B.N. Khebooslov, I.S. Shaval'noim. Der.prom. 15 no. 8:4-5 Ag '66.
Manufacture of table parts from groundwood waste. T. IA. Samus' and others. Lis., pap. i der.prom. no. 3: 22-25 My-Je '66.
Reinforced wood particle boards. N.V. Furletov, M.E. Kagan. Izv. vyz. ucheb. zav., les. zhur. 9 no. 3:105-111 '66.
- PARTICLE SIZE DETERMINATION**
Distribution of mineral particles in loosened mixture. E.A. Nepomniashchii. Obog. rud. 11 no. 2:32-35 '66.
Using simultaneous statistical analysis in granulometry. G.I. Sachok. Dokl. AN BSSR 10 no. 7:482-485 Ji '66.
- PARTICLES (NUCLEAR PHYSICS)**
Bogush, A.A., and L.G. Moroz. [Elementary particles] Elementarnyye chastitsy. Minsk, Nauka i tekhnika, 1966. 201 p.
Disturbance of CP-invariance. L.B. Okun'. Usp. fiz. nauk 89 no. 4:603-648 Ag '66.
Electromagnetic properties of neutral particles in the case of nonconservation of the charge parity. V.B. Berastetskii. Izd. fiz. 3 no. 6:1154-1160 Je '66.
On the detectability of mirror particles by way of experiment. I.Iu. Kobzarev, L.B. Okun', I. IA. Pomeranchuk. Izd. fiz. 3 no. 6:1154-1160 Je '66.
Vlasov, N.A. [Antimatter] Antiveshchestvo. Moskva, Atomizdat, 1966. 183 p.
- PASSIVITY (CHEMISTRY)**
Passivity of titanium in sulfuric acid with deep anodic oxidation. R.V. TSvetnaya, A.I. Krasil'shchikov. Zashch. met. 2 no. 3:295-299 My-Je '66.
- PASTEURELLA**
Study of the antigen composition of some strains of the tularemia microbe. Report No. 2: Comparative antigen composition of the virulent and avirulent microbe. V.V. Sukhar'. Zhur. mikrobiol., epid. i immun. 43 no. 8:104-108 Ag '66.
Submicroscopical structure of Pasteurella pestis Hollandi. L.N. Kata. Zhur. mikrobiol., epid. i immun. 43 no. 7: 84-86 Ji '66.
Using the reaction of diffusion precipitation in gel for differential diagnosis of the plague microbe. L.A. Timofeeva, L.P. Mironova. Zhur. mikrobiol., epid. i immun. 43 no. 7:145 Ji '66.
- PASTURES AND MEADOWS**
(see also subdivision under Irtysh Valley; Mogilov Province)
Andreev, N.G. [Establishment of cultivated pastures and their use] Sozdanie kul'turnykh pastbishch i ikh ispol'zovanie. Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khozai-stvo, no. 11)
Movsisiants, A.P. [Utilization of meadows and pastures] Ispol'zovanie senokosov i pastbishch. Moskva, Kolos, 1965. 279 p. (DNL4)
- PATENT LAWS AND LEGISLATION**
(see also subdivision under India)
In your lawyer's office. Izobr. i rats. no. 6:26-27 Je '66.
Legal documents on inventions. Vop. izobr. no. 6:40-43 My '66.
Russia (1923- U.S.S.R.) Komitet po delam izobretenii i obekti. [Collection of legislative enactments and decrees on inventions and technological innovations] Sbornik zakonodatel'nykh aktov i postanovlenii po izobreteniyam i ratsionalizatsii. Izd. 3., ispr. idop. Moskva, TsNPI, 1965. 310 p.
- PATENT LICENSES**
(see also subdivision under India)
Organization of scientific research based on the study and analysis of technical and patent information. E.P. Solodova, V.N. Antonov. Vop. izobr. no. 5:38-39 My '66.
Using standards in appealing against blocking patents. V.M. Feigel'son. Vop. izobr. no. 5:11-15 My '66.
- PATENT LICENSES—INFORMATION SERVICES**
Designer and patent specialist. A. Borisov. Izobr. i rats. no. 6:23-24 Je '66.
- PATENTS**
[Inventions, industrial samples, trademarks] Izobr., prom. obraz., tov. znak. 43 no. 12-14 '66.
Legal protection of the new and improved varieties of farm crops. H. Druchok. Rad.pravo 29 no. 8:55-60 Ag '66.
Some working methods of the patent service of a plant. G.A. Khodos, L.D. Smilakova. Vop. izobr. no. 5:34-36 My '66.
Ways to preserve collections of microfilmed patents. M.D. Kutsentova. Tekh. bibliot. SSSR no. 7:65-70 '66.
- PATHOLOGICAL ANATOMY** see Anatomy, Pathological
- PATHOLOGICAL HISTOLOGY** see Histology, Pathological
- PATHOLOGICAL PHYSIOLOGY** see Physiology, Pathological
- PATHOLOGY**
Morphological changes in the fascicular zone of the adrenal cortex under some pathological conditions. N.K. Bogdenovich. Arkh. pat. 28 no. 5:50-55 '66.
- PATHOLOGY—ABSTRACTS**
[General problems of pathology. Oncology] Ref. zhur.: Ob.vop. pat. Onk. no. 6 Je '66.
- PATON PLATEAU—GOLD ORES**
Effect of the composition of enclosing rocks on the development of Pre-Cambrian gold mineralization (Paton Plateau). V.A. Burlak, T.V. Kashcheeva, N.M. Khelevskaya. Dokl. AN SSSR 198 no. 2:405-408 Ji '66.
- PAUL, SAINT, APOSTLE**
The great Apostle (to be continued). K.V. Somov. Brat. vest. no. 1:66-67 '66.
- PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1893- Paustovskii, K.G. [The book of wanderings] Kniga skitanii. Moskva, Sovetskaya Rossiya, 1964. 250 p. (NND)**
- PAVLOGRAD (DNEPROPETROVSK PROVINCE)—HISTORICAL MUSEUMS**
Keep wonderful traditions at work. M. Efimenko. Agitator no. 6:38-37 Ar '64.
- PAYMENT**
First experience prompts. R. Riba, I. Manonova. Der. i kred. 24 no. 7:48-53 Ji '66.
Payment for production funds is important factor in improving their use. A. Milionushchikov. Fin. SSSR 47 no. 7:13-19 Ji '66.
Payments under the new conditions. G. Shecherbaev. Der. i kred. 24 no. 7:56-57 Ji '66.
Progressive form of payments for the finished construction. B. Lul'tayn. Fin. SSSR 40 no. 8:49-54 Ag '66.
- PEA TREE** see subdivision under Central Chernozem region
- PEACE**
Christian themes of peace. Brat. vest. no. 1:9 '66.
Christians should be friends of all peoples. Brat. vest. no. 1:9-10 '66.
Communique of the Christian Peace Conference. Brat. vest. no. 1:8 '66.
Speech by Coptic Bishop Samuil in answer to the address of His Holiness Patriarch Aleksei at a reception of the members of the Christian Peace Conference in Trebizand-Sergiyev Monastery April 22, 1966. Zhur. Mosk. Patri. no. 6:45 '66.
Spring is a festival of life. A. Popovich. Zhur. Mosk. Patri. no. 6:45-47 '66.
To Christians of the entire world. Brat. vest. no. 1:6-7 '66.
- PEAS** see subdivision under Moldavia; Turkmenistan; Uzbekistan
- PEAS—FERTILIZERS AND MANURES** see subdivision under Urals Mountains
- PEASANT UPRISINGS** see subdivision under Carpathian Mountain region; Germany
- PEASANTRY**
(see also subdivision under Saratov Government)
Historical roots of the social and economic distinction between the city and the village. B.V. Arkhipov. Uch. zap. MOI 141:111-120 '64.
Overcoming social and economic distinctions between the city and the village during the period of the large-scale building of communism. B.V. Arkhipov. Uch. zap. MOI 141:60-75 '64.
Sharapov, G.V. [Criticism of the agrarian problem by anticommunism] Kritika antikomunizma po agrarnomu voprosu. Moskva, Mysl', 1966. 306 p.
- PEAT**
Ultrasonic method of investigating the structural changes of peat in the process of moisture desorption. M.P. Volovich and others. Koll. zhur. 20 no. 3:333-342 My-Je '66.
- PEAT—ANALYSIS**
Chemical characteristics of peats according to the composition of the ash part. V.A. Kovalev. Dokl. AN BSSR 10 no. 7:477-481 Ji '66.
- PEAT—MEASUREMENT**
Continuous measurement of piled loose materials. G.N. Metelitsyn and others. Mekh. i avtom. proizv. 20 no. 7:30-31 Ji '66.
- PEAT—TESTING**
Semenski, E.P. [Technical analysis of peat] Tekhnicheskii analiz torfa. Moskva, Nedra, 1966. 230 p.
- PEAT BOGS**
(see also subdivision under Estonia; White Russia)
Losses of ammonia in peat bogs. I.S. Lapirovich, A.S. Melnrouski. Vestsi AN BSSR. Ser. sel'nasp. nav. no. 2:25-29 '66.
Percolation of peat bog soils. E.T. Bazin. Pochvovedenie no. 6:105-108 Ag '66.
- PEAT SOILS**
Microbiological characteristics of reclaimed soils of exhausted peat banks. I.U.V. Zverkov. Pochvovedenie no. 6:39-48 Ag '66.
- PECHORA BASIN—PALEONTOLOGY, STRATIGRAPHIC**
Chalyshov, V.I., and L.M. Varkhina. [Biostratigraphy of the Triassic of the Pechora province] Biostratigrafia triasa Pechorskoi oblasti. Moskva, Nauka, 1966. 147 p.
- PEGANUM**
Anatomical structure of Peganum nigellastrum. L.K. Safina. Trudy Inst. bot. AN Kazakh. SSR 22:210-222 '66.

- PEGMATITES**
(see also subdivision under Kazakhstan; Volyn Province)
Davide crystals from crystal-bearing pegmatites. E. S. Il'menev, V. I. Palkin. *Izv. vys. ucheb. zav.; geol. i razv.* 9 no. 6: 50-57 Je '66.
Some structural characteristics and conditions governing the formation of crystalliferous pegmatites. I. V. Davidenko. *Trudy VNIP [MS]* 7:126-139 '62.
- PEIPUS, LAKE, BATTLE OF, 1242**
Karayev, G. N., and A. S. Potrenov. [Secret of Lake Chudskoye] Zagadka Chudskogo ozera. [Moskva] Molodaya gvardia, 1966. 253 p. (Rovesnik)
The place of the "Battle on Ice" in 1242. I. A. Golubtsov. *Ist. SSSR* 10 no. 3:231-232 My-Je '66.
- PEIPUS LAKE REGION—ARCHAEOLOGICAL EXPEDITIONS**
Karayev, G. N., and A. S. Potrenov. [Secret of Lake Chudskoye] Zagadka Chudskogo ozera. [Moskva] Molodaya gvardia, 1966. 253 p. (Rovesnik)
- PEKUL'NEY RANGE—ECLOGITE**
Find of eclogitoid rocks in the Pekul'ney Range (Anadyr' basin). G. G. Kaligorodtsev. *Geol. i geofiz.* no. 4:140-143 '66.
- PELLETED FEED**
Increasing the biological value of rations for ruminants using "crystal" pellets. I. A. Sokolov, A. N. Bulko-Hogalovich, Khim. v sel', khoz. 4 no. 8:52-56 Ag '66.
- PELVIS—RADIOGRAPHY**
Position of the patient in X-ray examination of the posterior rim of the acetabulum. Zh. Zhelev. *Ortop., travm. i protez.* 27 no. 5:64-66 My '66.
- PENICILLIN—PHYSIOLOGICAL EFFECT**
Case of anaphylactic shock following the use of penicillin and bicillin-3. M. S. Salimov. *Azerb. med. zhur.* 43 no. 5:74-76 My '66.
- PENTANEDIONE**
γ-Substituted palladium bis-acetylacetonates. Polarography infrared and ultraviolet spectra. S. P. Gubin, L. I. Dendelevich, A. Z. Rubtsov. *Dokl. AN SSSR* 169 no. 1:163-166 Ji '66.
- PENTENOL**
Stereospecificity of the catalytic dehydration of sec-pentenols. V. Z. Sharif and others. *Neftekhimiya* 6 no. 3:407-411 My-Je '66.
- PENZA PROVINCE—MERCANTILE BUILDINGS—DESIGN AND CONSTRUCTION**
On new designs and old tastes. V. Bogdanov, A. Eliseev, I. L. Ibrimov. *Sov. pob. i koop.* 10 no. 6:38-39 Je '66.
- PENZA PROVINCE—SOIL FERTILITY**
Effect of cultivation on fertility of leached Chernozems and gray forest soils in Penza Province. K. A. Kuznetsov, N. I. Nikolaeva. *Pochvovedenie* no. 8:175-80 Ag '66.
- PENZA PROVINCE—TILLAGE**
Shallow tillage or plowing? V. A. Korotkov. *Zemledelie* 20 no. 7:45-47 Ji '66.
- PENZHINA RANGE—GEOLOGY, STRATIGRAPHIC**
New data on the Paleozoic stratigraphy of the Penzhina Range (northwestern Kamchatka). L. G. Penomareva, N. L. Dobretsov. *Geol. i geofiz.* no. 4:90-98 '66.
- PEPTIC ULCER**
Cancer of the stomach following gastroenteroanastomosis for peptic ulcer. M. I. Talayev. *Sov. med.* 20 no. 5: 100-103 My '66.
Damage of extrahepatic bile ducts in gastric resection for peptic ulcer. M. P. Postolov. *Khirurgiya* 42 no. 8:136-138 Je '66.
Evaluation of late results of gastroenterostomy in peptic ulcer; formation of peptic ulcers 25 and 26 years after application of gastroenteroanastomosis. I. N. Rybushkin, V. D. Fedorov, V. A. Ageichev. *Khirurgiya* 42 no. 8:25-29 Je '66.
Once more on the two forms of peptic ulcer. I. S. Savostichonko. *Sov. med.* 20 no. 7:137-141 Ji '66.
Peptic ulcers following resection of stomach. B. S. Rozanov. *Khirurgiya* 42 no. 8:5-10 Je '66.
Peptic ulcers of anastomosis and jejunum following resection of stomach. I. K. Pipin, R. N. Kumsalashvili. *Khirurgiya* 42 no. 8:30-40 Je '66.
Results of 2500 stomach resections for peptic ulcer using Molnagen's modification with additional intestinal anastomosis. V. P. Radushkevich. *Khirurgiya* 42 no. 8:16-10 Je '66.
- PEPTIDES**
Study of phosphatide-peptide compounds connected with the protein biosynthesis in the lamellae and chloroplasts of beans. V. S. Chigirev, E. N. Bezinger, N. M. Siskin. *Dokl. AN SSSR* 169 no. 1:235-237 Ji '66.
- Use of inide chlorides in the synthesis of complex peptides. G. P. Vlasov, I. V. Mitin, M. M. Koton. *Dokl. AN SSSR* 168 no. 5:1069-1071 Je '66.
- PERCEPTION**
Process of detailing images during the orientation period of activity in junior schoolchildren. N. I. Kuvshinov. *Vop. psikh.* 12 no. 3:105-116 My-Je '66.
- PERCEPTIONS**
Cognitive system as a predictive filter. A. G. Ivakhnenko, L. I. Voronova. *Izv. AN SSSR, Tekh. kib.* no. 2:77-85 Mr-Apr '66.
Determination of the concept "similarity." V. S. Fain. *Izv. AN SSSR, Tekh. kib.* no. 2:74-76 Mr-Apr '66.
Probability interpretation of Zadeh affiliation functions and their use in image cognition. V. I. Loginov. *Izv. AN SSSR, Tekh. kib.* no. 2:72-73 Mr-Apr '66.
Separation of the classes of objects by an automatic system with participation of an operator. I. N. El'ke, B. E. Pristaker, I. S. Kotov. *Izv. AN SSSR, Tekh. kib.* no. 3:66-70 My-Je '66.
- PERCHLORATES**
Pitting corrosion of zirconium in perchlorate solutions. V. A. Gil'man, I. A. M. Kolotykin. *Zashch. met.* 2 no. 3: 360-361 My-Je '66.
- PERCHLORIC ACID**
Rosolovskii, V. I. [Chemistry of anhydrous perchloric acid] Khimiya bezvodnoi khlornoi kisloty. Moskva, Nauka, 1966. 139 p.
- PERCOLATION**
Numerical solution of certain three-dimensional problems in percolation theory. A. A. Hlushchenko. *Dop. AN URSS* no. 7:839-843 '66.
- PEREKOP ISTHMUS—HISTORY**
Sokhan', M. D. [Perekop: historical regional study] Perekop; istoriko-kraevedcheskiy ocherk. Simferopol', Izd-vo "Krym," 1965. 110 p.
- PERFORMANCE (LAW)**
(see also subdivision under Ukraine)
Regulating the term "fully finished product" in delivery of goods contracts. A. G. Dykov, K. S. Fomchev. *Sov. gos. i pravo* 36 no. 8:47-52 Ag '66.
- PERICARDITIS**
Acute benign pericarditis. A. A. Mikhailova. *Sov. med.* 20 no. 5:56-59 My '66.
- PERICARDIUM—DISEASES**
Cecemic cysts of the pericardium. B. M. Makhmudbekov. *Azerb. med. zhur.* 43 no. 5:69-72 My '66.
- PERIODIC FUNCTIONS** see Functions, Periodic
- PERIODICALS—CATALOGS**
Organization and methods of cataloging and displaying periodicals. H. O. Poltchenko. *Bibliot. i bibl.* no. 2:46-51 '66.
- PERIODICITY**
Aggravation of schizophrenia in different months of year. B. G. Lipanov. *Zhur. nev. i psikh.* 60 no. 8: 1282-1287 '66.
Some physiological mechanisms of the diurnal cycles of the intensity of reproduction of the epithelial cells of various organs. V. V. Kozlov, Shor. nauch. trud, SOGMI no. 11:257-266 '66.
- PERM—TELEVISION BROADCASTING**
The present and future of Perm. G. Grosland. *Sov. radio i tel.* 12 no. 10:33-34 O '66.
- PERM PROVINCE—CAPITAL INVESTMENTS**
Control over efficiency of using capital investments. V. Stepanov. *Vn. SSSR* 40 no. 7:57-59 Ji '66.
- PERMITTIVITY** see Dielectric constant
- PERNICIOUS ANEMIA**
Determination of the formation of the intrinsic factor in Addison-Blomberg's anemia and following resection of the stomach. A. L. Kozlyeva, R. L. Martyshevskaya. *Lab. delo* no. 8:464-466 '66.
- PERONOSPORALES** see subdivision under Armenia
- PEROXIDES**
Decarboxylation of mercury salts of organic acids under the effect of peroxides and ultraviolet light. I. U. A. O'pikop, N. A. Maler. *Izv. AN SSSR, Ser. khim.* no. 7:1171-1177 '66.
Initiating activity of aliphatic asymmetrical diacyl syn-oxides in styrene bulk polymerization. G. S. Bylina, A. P. El'ntskii, I. U. A. O'pikop. *Vysokom. soed.* 8 no. 8:1388-1398 Ag '66.
Peroxide organometallic compounds of mercury. G. A. Razuvaev, E. I. Fedotova. *Dokl. AN SSSR* 169 no. 2: 355-357 Ji '66.
- Role of peroxide initiators in the formation of branchings in polystyrene during polymerization. S. S. Ivanchev, I. U. N. Anisimov, A. I. Huzhenko. *Dokl. AN SSSR* 168 no. 5:1072-1075 Je '66.
- PERSIMMON**
Materials on the study of the date plum. Kh. G. Kulieva. *Trudy Inst. bot. AN Azerb. SSR* 24:47-56 '64.
- PERSONALITY**
Some sociological problems in the formation of personality. P. E. Krizhev. *Vop. filos.* 20 no. 7:13-24 '66.
- PERSONS (LAW)**
General provisions governing the civil law capacity of aliens in the U.S.S.R. T. N. Kirilova. *Izv. vys. ucheb. zav.; prav.* 10 no. 1:103-110 '66.
- PESCHANY-MORE OIL FIELD—OIL WELL DRILLING, SUBMARINE**
Certain specific characteristics of difficulties occurring in drilling deep slant wells in the Peschany-More area. K. A. Abasov, D. M. Makhmudov, A. M. Mamedov. *Azerb. nef. khoz.* 45 no. 8:15-17 Ag '66.
- PESTICIDES** see subdivision under Czechoslovakia; Poland
- PESTICIDES—SAFETY REGULATIONS**
New sanitary regulations. *Zashch. rast.* 11 no. 7:33-34 '66.
- PESTS—BIOLOGICAL CONTROL**
Zalanchkovskii, I. F. [Enemies of our enemies] Vragi nashikh vragov. [Moskva] Molodaya gvardia, 1966. 270 p. (Evrika)
(DMAL)
- PETROCHEMICAL INDUSTRY**
Development of petrochemistry in the U.S.S.R. (From the instructions of the 23d Congress of the CPSU for the five-year-plan for the development of the national economy during 1966-1970). *Neftekhimiya* 6 no. 3:353-354 My-Je '66.
- PETROCHEMICAL INDUSTRY—FINANCE**
Method for calculating specific capital investments in the petrochemical industry. V. A. Bugrov, A. I. Rafe. *Izv. vys. ucheb. zav.; nef. i gaz* 9 no. 3:115-110 '66.
Use of capital assets and the problem of increasing the economic efficiency of production and managerial operations in enterprises of the petrochemical industry. I. U. V. Tudonova. *Izv. vys. ucheb. zav.; nef. i gaz* 9 no. 3:111-114 '66.
- PETROLEUM—ANALYSIS**
(see also subdivision under Ural Mountain region)
Effect of gas saturation of oil on the asphaltene content in it. I. L. Markhasin, I. M. Abuzganz, F. D. Blazhevich. *Nefteprom. delo* no. 7:29-33 '66.
- PETROLEUM—DENSITY** see subdivision under Balakhany-Sabunchi-Ramany Oil Field
- PETROLEUM—TRANSPORTATION**
The Ob' River transportation men have organized the shipping of petroleum from new deposits. V. Gashkov. *Rech. transp.* 23 no. 7:3-4 '66.
Unit for warming-up black oil in tank cars. I. I. Korol'kov, Mekh. i avtom. proizv. 20 no. 7:24-26 Ji '66.
- PETROLEUM COKE**
Oxidation of hydraulic resins in order to increase the yield of coke. N. A. Salimova, L. A. Gukhman, D. A. Aliev. *Izv. vys. ucheb. zav.; nef. i gaz* 9 no. 3:55-57 '66.
- PETROLEUM ENGINEERING—PERIODICALS**
The voice of the reader. *Izv. vys. ucheb. zav.; nef. i gaz* 9 no. 3:14, 34 '66.
- PETROLEUM GEOLOGY**
(see also subdivision under Baikal Lake region; Bol'shoy Yugan Valley; Carpathian Mountain region; Caspian Sea region; Dalekop-Donets Lowland; Kala Oil Field; Kura Lowland; Second Baku; Siberian Platform; Tajik Depression; Tatar A.S.S.R.; Ukraine; Ukraine, Western; West Siberian Plain; Yenisey Valley)
Effect of pattern arrangement on petroleum recovery from layers in miscible drive; chiefly in dissolved-gas drive. A. A. Dzhabadov and others. *Azerb. nef. khoz.* 45 no. 8:6-8 Ag '66.
Method for delimiting oil and water carrying layers based on the recording of delayed neutrons. M. M. Dorosh and others. *Atom. energ.* 21 no. 1:35-41 Ji '66.
Uspenskaya, N. U., and Z. A. Tabanranskii. [Oil and gas provinces of the U.S.S.R.] Neftegazovosnyye provintsi SSSR. Moskva, Nedra, 1966. 494 p.
- PETROLEUM INDUSTRY**
(see also subdivision under Grozny region; Nigeria)
[Economics of the petroleum and gas industries] Ekonomika nefi i gazovoi promyshlennosti. [By] I. U. M. Malyshov i dr. Moskva, Nedra, 1966. 183 p.

PETROLEUM PIPELINES—CLEANING

Solubility of paraffin and resin deposits when removing them from petroleum pipelines. N.D. Gritsaev, R.A. Kal'merova. *Neft.khoz.* 44 no.6:56-61 Je '66.

PETROLEUM PRODUCTION

(see also subdivision under Anastasiyevka-Troitskoye Oil Field; Bashkiria; Dolina Oil Field; Shkapovo Oil Field; Stavropol Territory)

Experience in using hydrodynamic methods in testing wells when the formation pressure is considerably below the saturation pressure. P.V. Pimashin, I.U. Kh. Sidraev. *Nefteprom.* dolo no.7:5-9 '66.

First meeting of the activists' group of the workers of the petroleum production industry. D. Vinogradskii. *Neft.khoz.* 44 no.6:72 Je '66.

Measurement duration of the output of wells. P.A. Baranov. *Nefteprom.* dolo no.8:30-32 '66.

More about efficient well spacing in incremental oil production. G.A. Mamedov. *Azerb.neft.khoz.* 45 no.8:33-34 Ag '66.

PETROLEUM PRODUCTION—ACCOUNTING

Bochkarev, V.P. [Accounting for and calculating production costs in the petroleum production industry; a textbook for a special course for the 4th and 5th year students specializing in "Accounting" (specialization "Accounting in industry"). Bukhgalterskiy uchët zashchit na proizvodstvo i kal'kulirovanie sebestoimosti produktov v nefteobrabatovushchey promyshlennosti; uchebnoe posobie po spetsial'nomu kursu dlia studentov IV i V kursov po spetsial'nosti "Bukhgalterskiy uchët (spetsializatsiia "Uchët v promyshlennosti"). [Kulibyshev Kulibyshevskii planovyi in-t, 1964. 34 p. (CS-H)]

PETROLEUM PRODUCTION—SAFETY MEASURES

New research center of the petroleum and gas production for safety engineering industrial hygiene. M. Muratov. *Neft.khoz.* 45 no.6:68-69 Je '66.

PETROLEUM PRODUCTION, THERMAL

(see also subdivision under Azerbaijan)

Combustion center and water injection as methods of thermal treatment of layers. K.A. Oganov, N.N. Kosarev, V.F. Tkach. *Neft. i gaz.prom.* no.2:30-32 Mr-Apr '66.

PETROLEUM PRODUCTS

Light fractions for electric power stations. S. Marshalovich, I. Rozengauz. *NTO* 8 no.6: 4-6 Je '66.

Taras'ians, R.B. [Certain problems of petroleum supply Nekotorye voprosy nefteosnabzheniia; uchebnoe posobie. Moskva, Mosk. in-t narodnogo khoz., 1965. 85 p.]

[MICROFILM]

Thermal stabilization of light fractions of pyrolytic liquid products. R.G. Ismailov and others. *Azerb.neft.khoz.* 45 no.8:37-39 Ag '66.

PETROLEUM PRODUCTS—THERMAL PROPERTIES

Experimental determination of the thermal capacity of liquid petroleum products. V.N. Popov, N.V. Tseberberg, N.A. Morozova. *Izv.vys.ucheb.zav.neft. i gaz* 9 no.3:80 '66.

PETROLEUM PRODUCTS—TRANSPORTATION

Development of the shipping of petroleum products in the Volga-Kama basin. R. Zaripov and others. *Rech. transp.* 25 no.7:4-5 '66.

PETROLEUM REFINERIES—HYGIENIC ASPECTS

(see subdivision under Krasnodarsk (Turkmenistan))

PETROLEUM REFINING

Bentonites of the Donets Basin as catalysts and adsorbents in petroleum refining. I.U. N. Bregin, A.L. Lukantseva. *Neft. i gaz.prom.* no.2:46-47 Mr-Apr '66.

Efficiency of elementary hydrocyclones in the removal of mechanical impurities from petroleum. K.A. Ibatulov, B.M. Gutman. *Izv.vys.ucheb.zav.neft. i gaz* 9 no.3:63-68 '66.

PETROLEUM REFINING—COSTS

Effect of the dehydration regime on the cost of the preliminary refining of oil. I.N. Rybachok, I.A. Trzhen-simskii, M.I. Aramonova. *Nefteprom.* dolo no.6:28-30 '66.

PETROLEUM REFINING—DEWAXING

Experience in operating consolidated installations for dewaxing oils. A.F. Malakhov, G.V. Gritsuk. *Nefteprom.* dolo no.7:8-9 '66.

PETROLEUM REFINING—LABOR PRODUCTIVITY

(see subdivision under Ukraine)

PETROLEUM WAX

(see subdivision under Tatar A. S. S. R.)

PETROLOGY

(see also subdivision under Aldan Plateau; Altai Mountains; Bargusht Range; Dnieper Valley; Georgia; Karelia; Kuybyshev Province; Pamirs; Sayan Mountains)

Banding in the dikes of diabase porphyrites. A.G. Kazarian, E.V. Anan'ian. *Dokl. AN SSSR* 188 no.2: 441-444 Ji '66.

Determination of the content of aluminum and silicon by the method of activated analysis in light-weight samples of rocks. T.N. Blankova, V.G. Ruslaev, E.K. Varvarina. *Geol. i geofiz.* no.4:120-123 '66.

PETROV, GRIGORI KONSTANTINOVICH

Chechneva, A.V. [Ambassador of the republic] Polpred respublik. [Moskva] Moskovskii rabochii, 1963. 126 p. (NIC)

PETROZAVODSK—UNIVERSITIES AND COLLEGES

Petrozavodsk. Universitet. [25 years of the O.V. Kuusinen State University of Petrozavodsk] 25 let Petrozavodskogo gosudarstvennogo universiteta imeni O.V. Kuusinen. Petrozavodsk, Karel'skoe knzhnoe izd-vo, 1965. 223 p.

PHAGOCYTOSIS

Mast cells in the lymph nodes of rats and autoerythro-phagocytosis. G.V. Kovalevskii. *Dokl. AN SSSR* 188 no.2:460-462 Ji '66.

PHARMACEUTICAL SOCIETIES (see subdivision under Poltava Province; Solldovo (Donetsk Province); Slavyansk (Donetsk Province))

PHARMACOLOGY—ABSTRACTS

[Pharmacology, Chemotherapeutics, Toxicology] Ref. zhur. Farm. Khimioterap. sred. Toka. no.6 Je '66.

PHARMACY—CONGRESSES

Forum of the science of pharmacy. R.M. Piniazhko, R.S. Shpak. *Farmatsev. zhur.* 20 [i.e. 21] no.4:3-5 '66.

PHARMACY—STUDY AND TEACHING (see subdivision under Ukraine)

PHASE RULE AND EQUILIBRIUM

Cosolence theory of finely dispersed phases in metal alloys. V.I. Pearev. *Fiz. met. i metalloved.* 21 no.5: 750-755 My '66.

Direction of conodes in four-component and multi-component systems. G.M. Kuznetsov. *Izv. AN SSSR. Neorg. mat.* 2 no.6:1149-1150 Je '66.

Kinetics of the graphitization of iron alloys. A.A. Baranov. *Izv. vys.ucheb. zav.; Chern. met.* 9 no.7:147-152 '66.

Kinetics of the physicochemical state of the liquid-gas interface and its role in the elementary role of flotation. V.A. Glenshtat, K.V. Glenshtatova, P.M. Solozhenkin. *Dokl. AN SSSR* 189 no.1:139-142 Ji '66.

Nature of phases evolving during the aging of iron-nickel-aluminum martensite. V.P. Ikin, B.M. Mogutnov, L.A. Shvartsman. *Fiz. met. i metalloved.* 21 no.5: 732-739 My '66.

Phase diagram of the Mn-Si system in the region of higher manganese silicide. M.A. Morokhovets, E.I. Elagina, N.Kh. Abrikosov. *Izv. AN SSSR. Neorg. mat.* 2 no.4:650-656 Ap '66.

Phase diagram of the system $\text{Nd}_2(\text{WO}_4)_3$ - Na_2WO_4 . E.I.A. Rode, V.N. Karpov. *Izv. AN SSSR. Neorg. mat.* 2 no.4:698-692 Ap '66.

Phase diagram of the system Sm_2O_3 - Cr_2O_3 . V.N. Pavlikov and others. *Izv. AN SSSR. Neorg. mat.* 2 no.8:1055-1057 Je '66.

Phase diagram of the system WO_3 - Nd_2O_3 . E.I.A. Rode, V.N. Karpov. *Izv. AN SSSR. Neorg. mat.* 2 no.4: 693-697 Ap '66.

Phase transitions of some rare-earth chromites. V.N. Pavlikov, L.M. Lopato, S.G. Trevisiatkii. *Izv. AN SSSR. Neorg. mat.* 2 no.4:678-682 Ap '66.

Study of the Ga-Se phase diagram. L.S. Palatnik, E.K. Belova. *Izv. AN SSSR. Neorg. mat.* 2 no.4:770-771 Ap '66.

Theoretical calculation of the equilibrium oxygen-deoxidizing element in liquid iron alloys, on the basis of critical concentrations. E.S. Filippov, S.I. Filippov. *Izv. vys.ucheb. zav.; Chern. met.* 9 no.7:12-17 '66.

Volatility of a solute in dilute solutions as shown by the critical liquid-gas equilibrium curve. I.R. Krichevskii, S.M. Khodoeva, E.E. Sominskina. *Dokl. AN SSSR* 189 no.2:303-305 Ji '66.

X-ray study of structural transformations in an alloy of aluminum with titanium. M.P. Arbuzov, A.A. Pavlukov. *Fiz. met. i metalloved.* 21 no.5:708-712 My '66.

PHENOL CONDENSATION PRODUCTS

Adhesion of hot-cured epoxy-novolac compositions. A.F. Nikolaev, M.S. Trizno, L.A. Petrova. *Plast. massy* no.8:23-26 '66.

Modification of the structure of polyamides with a phenol-formaldehyde oligomer. A.V. Ermolina, I.M. Abramova, V.A. Kargin. *Vysokom. soed.* 6 no.9:1346-1350 Ag '66.

PHENOLS

Alkylation of phenol by olefins. V.M. Kostuchenko, V.V. Bobylev. *Nefteprom. i neftekhim* no.7:28-32 '66.

Chromatlicity of esters of nitro-substituted aromatic carboxylic acids and phenols. Part 1: 2-Nitrobenzoic acid esters. A.V. Belotserkov, V.A. Glushchikov, M.K. Larina. *Zhur. obshch. khim.* 36 no.7:1194-1199 Ji '66.

Chromatlicity of esters of nitro-substituted aromatic carboxylic acids with phenols. Part 2: 2-Nitrobenzoic acid esters. A.V. Belotserkov, V.A. Glushchikov, M.K. Larina. *Zhur. obshch. khim.* 36 no.7:1202-1204 Ji '66.

Interaction in ternary systems consisting of urea, 1,2,3-trimethylphenol. Part 2: System urea-1,2,3-trimethylphenol. A.G. Galushchikov, A.G. Gerasimov. *Zhur. obshch. khim.* 36 no.7:1186-1189 Ji '66.

Interaction of acetone, carbamide, acetonitrile, and dimethylsulfoxide with some organic acids and phenols in the solid phase. V.F. Chernokov, L.M. Baidakova. *Zhur. obshch. khim.* 36 no.7:1170-1175 Ji '66.

Mechanism of transformations of p-alkyl-4-nitrophenyl phenoxyl radicals. A.I. Brodskii and others. *Dokl. AN SSSR* 189 no.2:339-342 Ji '66.

Oxidation of polypropylene stabilized by 4-methoxyphenyl-substituted alkylphenols. L.I. Ikhina and others. *Vysokom. soed.* 6 no.8:1411-1413 Ag '66.

Structure and antileukemic effect in a series of substituted phenols. N.P. Kozlov and others. *Dokl. AN SSSR* 188 no.6:1419-1421 Je '66.

PHENOLS—SPECTRA

Electron paramagnetic resonance spectra of radical ortho- and para-hydroxyphenols. V.A. Klyuchik, V.D. Polshchenko. *Dop. AN URSS* no.7:912-917 '66.

PHENOTHIAZINE

Study of the antagonism of adrenergic substances by 1-MAO-inhibitor as related to aminocaine experiments with Paramecium caudatum. I. Ikhina, A.V. Stankovskaya, L.G. Rodina. *Nauch. dokl. vyssh. shk. biol. nauk* 6 no.3:56-58 '66.

PHENOXIDES

Polymers based on phosphonitrilic chlorides and diphenyl phenolates. S.M. Zibavskii, V.V. Kireev, G.S. Fokanova. *Plast. massy* no.8:35-40 '66.

PHENOXY GROUP

Mechanism of transformations of p-alkyl-4-nitrophenyl phenoxyl radicals. A.I. Brodskii and others. *Dokl. AN SSSR* 188 no.2:339-342 Ji '66.

PHENYL PHOSPHATES—TOXICOLOGY

Methylphenolphosphonate, a new promising insecticide. V.I. Vankov and others. *Zhur. mikrobiol., epidemiol. i inf. z. b.* 43 no.0:6-9 Ag '66.

PHENYLENEDIAMINE

Introduction of terminal aromatic amine groups into polyacrylamide by means of m-phenylenediamine and its hydrochloride. M.N. Bogdanov, A.U. Lebedevskii, L.A. Plushchikov. *Vysokom. soed.* 6 no.8:1423-1427 Ag '66.

PHILIPPINES—DESCRIPTION AND TRAVEL

Among "head-hunters." V. Makarenko. *Asi. i Af. zvezd.* 10 no.8:51-53 Ag '66.

PHILOSOPHY

(see also subdivision under Japan)

Characterization of the history of philosophy as a philosophical science. A.I. Novikov, V.P. Rozhnov. *Vest. LNU* 21 no.1:56-69 '66.

Zolov, A.F. [What to philosophy] Chto takoe filosofia. Moskva, Politizdat, 1966. 61 p. (Metodicheskie soveti po filosofii)

PHILOSOPHY—BIBLIOGRAPHY

(see Bibliography)

PHONOGRAPH CARTRIDGES

Gluon and piston used in gluing magnetic recording heads. N.A. Trifonova, P.M. Kozlov. *Trudy VNIIT* no.8:67-69 '66.

PHONORECORDS

Auger press for the manufacture of phonograph records. P.M. Kozlov, N.A. Trifonova. *Trudy VNIIT* no.8:67-69 '66.

PHOSPHATASES

Changes in phosphatase activity of the myocytes in rats during the process of postnatal development. N.I. Grobetskaya. *Bull. eksp. biol. i med.* 61 no.4: 44-47 Ag '66.

Cytochemical study of the alkaline phosphatase activity in leucocytes of laboratory animals. M.G. Shabalin. *Tsitologiya* 6 no.3:420-422 My-Je '66.

PHOSPHATES

Phosphate precipitation as a method of purification of slightly radioactive waste waters. V.P. Shvachov, G.G. Strizhov, V.A. Kostikov. *Radiofizika* 6 no.3: 365-371 '66.

PHOSPHATIDES

Study of phosphatide-peptide compounds connected with the protein biosynthesis in the lamellae and chloroplasts of beans. V.S. Chigirev, E.N. Bezinger, N.M. Stanekian. Dokl. AN SSSR 169 no.1:235-237 JI '66.

PHOSPHAZO COMPOUNDS

$\alpha,\beta,\gamma,\delta$ -Bistrichlorophosphazene- $\alpha,\beta,\gamma,\delta,\epsilon,\zeta,\eta,\theta$ -octachloroalkenes. V.I. Shevchenko, V.P. Kukhar', Zhur. ob. khim. 36 no.7:1260-1262 JI '66.

Involvement of the N-P bond in conjugation. I.N. Zhuravova, A.V. Kirsanov. Zhur. ob. khim. 36 no.7: 1248-1254 JI '66.

PHOSPHINE

Interaction of diethylchlorophosphine with acrylic and methacrylic acid derivatives. V.S. Tsvunin, G.Kh. Kamat, S.Kh. Nurdinov. Zhur. ob. khim. 36 no.7: 1223-1226 JI '66.

PHOSPHINIC ACID

Addition of alcohols, amines, dialkylphosphorous acids to esters of γ,δ -dimethylallylphosphinic acid. A.N. Pudovik, N.G. Khassanova. Zhur. ob. khim. 36 no.7:1236-1240 JI '66.

Detection of trichloromethylchlorophosphinic-32P acid in neutron irradiated carbon tetrachloride. N.I. Gabov, A.I. Shafiev. Radiokhimiya 8 no.3: 330-333 '66.

Esters of α -cyanovinylphosphinic acid. A.N. Pudovik, G.E. Iastrel'ova, V.I. Nikitina. Zhur. ob. khim. 36 no.7:1232-1236 JI '66.

Esters of 1-methyl-1-hydroxy-2-pentachlorodithiophenylphosphinic acid. D.Kh. Idrisikhmetova, I.V. Cheplanova. Izv. AN SSSR, Ser. khim. no.7:1260-1261 '66.

Polyelectrolytes based on copolymers of α -phenylvinylphosphinic acid. A.B. Alotidinov, A.S. Tsvetina, G.S. Kolesnikov. Plast. massy no.8:21-23 '66.

PHOSPHONITRILE CHLORIDE

Polymers based on phosphonitrile chlorides and diphenol phenolates. S.M. Zhivukhin, V.V. Kireev, G.S. Tikhonova. Plast. massy no.8:15-18 '66.

PHOSPHORAMIDIC ACID

Synthesis of pyrocatecholphosphorous acid amides. I.V. Kazimirovich and others. Zhur. ob. khim. 36 no.7:1226-1230 JI '66.

PHOSPHORANE

Alkoxymethylphosphoranes and their use for the expansion of the carbon chain of sugars. I.U. A. Zhdanov, L.A. Ustova. Zhur. ob. khim. 36 no.7:1211-1212 JI '66.

PHOSPHORITES

(see also subdivision under Kirov Province)

Experience in electrostatic separation of phosphorites. A.I. Angelov, T.A. Merk. Obog. rud 11 no.2:31-32 '66.

PHOSPHORODITHIOIC ACID

Determining the amount of phosphamide in technical products. V.V. Voronkova. Khim. v sel. khoz. 4 no.6: 51-54 Je '66.

Dialkyl- and diarylmethyl- and dithiophosphoric acid salts. Part 6: Interaction of diethylthio- and dithiophosphoric acid salts with aromatic and heterocyclic halo derivatives. V.G. Pesin, I.G. Vitenberg. Zhur. ob. khim. 36 no.7:1266-1274 JI '66.

New qualitative reactions to phosphamide. O.A. Alimphanev, L.T. Ikrayev, Kh.F. Karlova. Khim. v sel. khoz. 4 no.6:66-68 Ag '66.

PHOSPHORS

Leningrad. Gosudarstvennyi Institut prikladnoi khimii. [Collection of reports on scientific research studies in chemistry and technology of phosphors for 1963] Sbornik referatov nauchno-issledovatel'skikh rabot po khimii i tekhnologii luminiforov za 1963 god. Pod obshch. red. L.I. Markovskogo. Leningrad, 1964. 27 p.

PHOSPHORUS

Ways of detecting phosphorus in Chitaura deposit manganese ores. I.V. Georgievskii. Obog. rud 11 no.2: 51-54 '66.

PHOSPHORUS—EFFECT ON PLANTS see Plants, Effect of phosphorus on

PHOSPHORUS—PHYSIOLOGICAL EFFECT

Addition of defluorinated phosphate to rations for lactating cows in silage-grass type of feeding. A.A. Leonova. Khim. v sel. khoz. 4 no.7:37-41 JI '66.

PHOSPHORUS ALLOYS

Phase composition of phosphate slags obtained in the processing of ferrophosphorus for fertilizers. S.B. Kapilevich, A.V. Rudnova. Izv. AN SSSR, Neorg. mat. 2 no.6:1129-1134 Je '66.

PHOSPHORUS CHLORIDES

Reaction of phosphorus trichloride with propylene sulfide. O.N. Nuredinova. Izv. AN SSSR, Ser. khim. no.7:1255-1256 '66.

PHOSPHORUS IN THE BODY

Microanalysis of mineralizing biological fluids for the determination of general phosphorus in them. E.P. Gachev, D. Mutafchev. Lab. delo. no.5:260-262 '66.

PHOSPHORUS ISOTOPES

Detection of trichloromethylchlorophosphinic-32P acid in neutron irradiated carbon tetrachloride. N.I. Gabov, A.I. Shafiev. Radiokhimiya 8 no.3: 330-333 '66.

Radioactive phosphorus uptake by the phloem and xylem of pine and spruce. Z.E. Briantseva. Nauch. dokl. vys. shkoly, biol. nauki 9 no.3:140-145 '66.

PHOSPHORUS ISOTOPES—PHYSIOLOGICAL EFFECT

Changes in the inclusion of glycine-2C14 and Ca45 into calcified tissues caused by repeated P32 injection into the organism. A.A. Prokhonchukov. Radiobiologiya 6 no.4:619-621 '66.

Effect of the hypophysis on the adrenal cortex function in radiation sickness caused by radiophosphorus. Nad Lotosh, V.G. Ovakinov. Radiobiologiya 6 no.4:538-543 '66.

PHOSPHORUS ORGANIC COMPOUNDS see Organo-phosphorus compounds

PHOSPHORYL CHLORIDE

Polycondensation of some dichlorides of phosphorus-containing acids with 2,2-bis-(4-hydroxyphenyl) propane. D. Iarailov, L.A. Nedelova. Vysokom. soed. 8 no.8: 1414-1417 Ag '66.

PHOSPHORYLASES

Effect of protamine and inosinic acid on the activity, dimerization, and crystallization of phosphorylase in a rabbit muscle. G.V. Silonova, N.P. Lisovskaya, V.I.A. Plakhegas. Dokl. AN SSSR 168 no.2:483-484 JI '66.

Glycogen content and the activity of phosphorylase in pathologically changed skeletal muscles. E.N. Iaroshnevskaia. Arkh. pat. 26 no.5:71-74 '66.

PHOSPHORYLATION

$\alpha,\beta,\gamma,\delta$ -Bistrichlorophosphazene- $\alpha,\beta,\gamma,\delta,\epsilon,\zeta,\eta,\theta$ -octachloroalkenes. V.I. Shevchenko, V.P. Kukhar', Zhur. ob. khim. 36 no.7:1260-1262 JI '66.

Phosphorylation of dinitriles of alkylmalonic acids with phosphorus pentachloride. V.I. Shevchenko, P.P. Kornuta. Zhur. ob. khim. 36 no.7:1254-1260 JI '66.

Phosphorylation of ferrocene derivatives. A.N. Ne-mel'yanov, V.D. Vilechevskaya, A.I. Makedova. Dokl. AN SSSR 168 no.2:351-354 JI '66.

Phosphorylation of phenylbutadiene. G.K. Fedorova, I.A. P. Shaturskii. Zhur. ob. khim. 36 no.7:1262-1267 JI '66.

PHOTOCHEMISTRY

Photochemical evolution of oxygen in aqueous solutions of iron oxide; sensitization by tungsten, titanium, and zinc oxides. A.A. Krasnovskii, G.P. Brin. Dokl. AN SSSR 168 no.5:1100-1103 Je '66.

Photochemical nitrosation of cyclohexanone by nitrosyl chloride. M.P. Lazarova, A.A. Strol'tsova, M.N. Portnova. Neftekhimiya 6 no.3:446-471 My-Je '66.

Photochemical reaction of chlorophylls with thiourea and oxygen. A.A. Krasnovskii, I.M. Sapozhnikova. Dokl. AN SSSR 169 no.3:653-654 JI '66.

Photolytic transformations of radicals in gamma-irradiated frozen aqueous solutions of inorganic acids. B.G. Ershov, A.K. Plakav. Dokl. AN SSSR 169 no.3:616-618 JI '66.

Ways of formation of carbonyl groups in polystyrene photooxidation. P.I. Selivanov, E.I. Kirilova, V.L. Mak-simov. Vysokom. soed. 8 no.8:1418-1422 Ag '66.

PHOTOCONDUCTIVITY

Energy spectrum of dislocations in silicon single crystals due to radiation. A.N. Sevchenko, V.D. Tkachev, P.F. Lugakov. Dokl. AN SSSR 169 no.3:562-564 JI '66.

Photoconductivity kinetics of sulfate and oxalate of basic brilliant green. A.M. Moshkov. Dokl. AN SSSR 169 no.1:154-157 JI '66.

PHOTOCOPYING PROCESSES—EQUIPMENT AND SUPPLIES

Zaidenberg, I.A. [Phototechnical paper for copying and duplicating processes] Fototekhnicheskie bumagi dlia kopirovaniia i mnozhitel'nykh rabot. Leningrad, 1966. 33 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Ekonomika, upravlenie i organizatsia proizvodstva]

PHOTOELASTICITY

Interpretation of interference band patterns in dynamic photoelasticity. V.D. Belakov. Fiz. i tekhn. prohl. razrab. pol. iskop. no.2:54-58 '66.

PHOTOELECTRICITY

Nature of the effect of anomalously high photovoltages in semiconductor films. E.I. Adirovich, V.M. Rubinov, I.U. M. Ushov. Dokl. AN SSSR 168 no.5:1037-1040 JI '66.

Optical and photoelectric properties of ternary semiconductor compounds Cu_3AsSe_4 and Cu_3SbSe_4 . R. Annamamedov and others. Izv. AN SSSR, Neorg. mat. 2 no.4:772-774 Ap '66.

Photoelectric effect in phthalocyanine. I.U. A. Vidadi, L.D. Rozenstein. Dokl. AN SSSR 168 no.5:1041-1043 Je '66.

Photoelectromotive force and electronic spectra of some dithiocarbamate compounds of transition metals. O.V. Kolodov and others. Dokl. AN SSSR 168 no.6: 1327-1330 Je '66.

Photoelectromotive force in dyestuff layers under asymmetrical cross illumination. A.T. Vartanian, G.N. Meshkova. Dokl. AN SSSR 169 no.2:371-374 JI '66.

PHOTOGRAPHY

Bunimovich, D.Z. [Practical photography] Prakticheskaya fotografii. Moskva, Iskustvo, 1966. 302 p. diagr. (insert)

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment] Ref. zhur.: Fotokhimiya. no.6 Je '66. Predmetnyi ukazatel' za 1965 g.

PHOTOGRAPHY—HANDBOOKS, MANUALS, ETC.

Nadlis, I.D., and I.F. Samokhin. [Amateur photographer's companion] Sputnik fotolubitelia. Donetsk, Donbass, 1966. 319 p.

PHOTOGRAPHY OF INSECTS

Insects in front of the lens. A. Rozhkov. Zashch. rast. 11 no.7: 34-35 '66.

PHOTOMETRY

Photometric method for determining germanium in complex metals and quartz-sulfide ores without extraction. S.A. Dekhtrikan. Izv. AN Arm. SSR, Nauki o zem. 10 no.3:87-90 '66.

PHOTOMICROGRAPHY

Conversions of zirconium dodecaboride to zirconium diboride. P.S. Kislyi, M.A. Kuzenkova. Izv. AN SSSR. Neorg. mat. 2 no.4:617-625 Ap '66.

Rekshinskaya, L.G. [Atlas of electron photomicrographs of clay minerals and their natural associations in sedimentary rock] Atlas elektronnykh mikrofoto-grafii glinitnykh mineralov i ikh prirodnykh assotsiatsii v osadochnykh porodakh. Moskva, Nedra, 1966. 229 p.

PHOTONS

Interaction between coherent radiation and atoms. A.D. Gazazian. Dokl. AN Arm. SSR 42 no.5:288-293 '66.

PHOTOPERIODISM

Photoperiodic reaction of tetraploid and diploid radish plants. I.P. Savost'kin. Izv. SO AN SSSR no.4. Ser. biol.-med. nauk no.1:51-55 '66.

PHOTOSYNTHESIS

Effect of root system strength on photosynthetic activity of leaves and chlorophyll accumulation. V.V. Kuznetsov. Dokl. AN Arm. SSR 42 no.5:304-308 '66.

Participation of pigment systems of higher plants in the processes of prolonged afterglow. Spectra of luminescence action of etiolated and viridescens leaves, the intensification and inhibition effects. F.F. Litvin, V.A. Shvalov, A.A. Krasnovskii, Jr. Dokl. AN SSSR 168 no.5:1195-1198 Je '66.

Photosynthesis and mineral nutrition of corn seedlings. V.S. Dvornik. Dokl. AN SSSR 169 no.7:492-495 JI '66.

Photosynthesis and vertical distribution of phytoplankton of some lakes in the vicinity of Yakutsk. I.I. Vasil'eva. Izv. SO AN SSSR no.4. Ser. biol.-med. nauk no.1:28-32 '66.

Photosynthetic Pisum sativum mutant. S.A. Gostimskii. Genetika no.4:480-485 Ap '66.

Studying photosynthesis in spruce forests of various density. V.I. Kravchenko. Izv. vys. ucheb. zav.; les. zhur. 9 no.3:169-170 '66.

PHTHALIC ACID

Use of cellulose acetophthalate for the cover of tables dissolving in intestinal juice. I.U. B. Borysenko, R.M. Safarin, S.A. Nosovskaya. Farmats. zhur. 21 no.3:30-34 '66.

PHTHALOCYANINES

Photoelectric effect in phthalocyanine. I.U. A. Vidadi, L.D. Rozenstein. Dokl. AN SSSR 168 no.5:1041-1043 Je '66.

Quasi-line electron spectra of metal derivatives of tetrabenzooporphyrin and phthalocyanine. A.N. Sevchenko and others. Dokl. AN SSSR 169 no.1:77-80 JI '66.

PHTHIVAZIDE—THERAPEUTIC USE

Results of diphtheria vaccinations under phtthivazide protection in bone tuberculosis sanatoriums. V.A. Gol'denberg, L.D. Korsh. Zhur. mikrobiol., epid. i immun. 43 no.8:17-20 Ag '66.

PHYSICAL AND THEORETICAL CHEMISTRY see Chemistry, Physical and theoretical

PHYSICAL EDUCATION AND TRAINING

The athlete-Rifman's training. V. Gorduk. Voenn. znani. 42 no.8:38-39 Ag '66.

On some educational aspects of physical culture and sports. V.U. Ageevets. Vest. LGU 21 no.11:146 '66.

- PHYSICAL GEOGRAPHY** see subdivision under Crimea
- PHYSICAL LABORATORIES**
Postnikov, A.V. [Physical laboratories for eight-year and secondary schools] *Kabinet fiziki vos'miletnei i srednei shkoly*. Moskva, Prosveshchenie, 1968. 94 p.
- PHYSICAL OPTICS** see Optics, Physical
- PHYSICS**
Kiev. Universitet. [Collection of postgraduate papers; physics and mathematics] *Zbirnyk naukovykh prats' aspirantiv; fiziko-matematichni nauky*. [Kyiv] 1963. 178 p.
Kirov. Pedagogicheskii institut imeni V.I. Lenina. *Fiziko-matematicheskii fakul'tet*. [Transactions] Trudy. Kirov, 1964. 337 p.
Kuznetsov, B.G. [Outline of physical atomism of 20th century] *Ocherki fizicheskoi atomistiki XX veka*. Moskva, Nauka, 1966. 190 p.
Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Physics; program and abstracts of papers delivered from April 15 to May 13, 1965] *Fizika; programma i kratkie soderzhanie dokladov*. 15 aprila-13 maja 1965 g. Leningrad, 1965. 90 p. (XVIII Gertsenovskie chteniia)
Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Physics; program and abstracts of reports, April 15 to May 15, 1966] *Fizika; programma i kratkie soderzhanie dokladov*. 15 aprila-15 maja 1966 g. Leningrad [1966] 144 p. (XIX Gertsenovskie chteniia)
- PHYSICS-ABSTRACTS**
[Physics] Ref. zhur.: Fiz. nos. 6-7 Je-Jl '66.
- PHYSICS-CONGRESSES**
Leningrad. Inzhenerno-stroitel'nyi institut. Nauchnaia konferentsiia, 21. [Physics; reports] *Fizika; doklady*. Leningrad, 1963. 30 p.
Twelfth All-Union Conference on Low-temperature Physics. M.I. Kaganov, B.I. Kochelaev, V.G. Peschan'skii. Usp. fiz. nauk 80 no. 4:719-723 Ag '66.
- PHYSICS-PROBLEMS, EXERCISES, ETC.**
Gol'dfarb, N.I., comp. [Tasks and problems in physics to assist persons enrolling in Moscow Engineering and Physical Institute] *Sbornik zadach i voprosov po fizike v pomoshch' postupaiushchim v Moskovskii inzhenerno-fizicheskii institut*. Moskva, Mosk. inzhenerno-fizicheskii in-t, 1965. 175 p. [MICROFILM]
Razumovskii, V.G. [Constructive problems in physics in secondary schools] *Tvorcheskie zadachi po fizike v srednei shkole*. Moskva, Prosveshchenie, 1966. 162 p.
- PHYSICS-STUDY AND TEACHING** see subdivision under Yalta
- PHYSIOLOGICAL APPARATUS**
Formula and chart for the calculation of oxygen consumption based on a spirometabologram. A.A. Akhundov. Azerb. med. zhur. 43 no. 5:40-41 My '66.
Objective methodology for studying sensitivity to vibration. A.K. Alakov. Zhur. nevroi. psikh. 66 no. 8: 1167-1169 '66.
- PHYSIOLOGICAL OXIDATION** see Oxidation, Physiological
- PHYSIOLOGICAL THERAPEUTICS** see Therapeutics, Physiological
- PHYSIOLOGY**
Frunze. Universitet. Biologicheskii fakul'tet. [Transactions] Trudy. Frunze, 1964. 94 p. (Seria fiziologii cheloveka i zhivotnykh)
Khoroshev, A.F. [It depends on you, as a human being] *Eto ot tebia zavisit, cheloveka*. [Leningrad] Lenizdat, 1965. 293 p. (Sovety vracha) (DNLM)
PHYSIOLOGY-CONGRESSES
Nauchnaia konferentsiia po vozrastnoi morfologii, fiziologii i biokhimi. 8th, 1963. [Transactions of the Sixth Scientific Conference on Age-Related Morphology, Physiology and Biochemistry, April 9-13, 1963] Trudy. Pod red. A.A. Markoslana. Moskva, Prosveshchenie, 1965. 610 p.
Simpozium po probleme "Protoplazmaticheskie membrany i ikh funktsional'naya rol'." 1st, Kiev, 1964. [Protoplasmic membranes and their functional role; transactions of First Symposium on Problems of General Physiology] *Protoplazmaticheskie membrany i ikh funktsional'naya rol'*; trudy Pervogo Simpoziuma po voprosam obshchei fiziologii. Kiev, Naukova dumka, 1965. 255 p.
- PHYSIOLOGY-RESEARCH**
Cultivation of the thymus of newborn mice in a diffusion chamber. E.A. Lurita. Biol. eksp. biol. i med. 61 no. 4:88-92 Ap '66.
- PHYSIOLOGY, PATHOLOGICAL**
Changes in function of nervous system and some other body systems under chronic effect of ultrahigh-frequency radio waves. N.V. Tiagla, N.V. Uspeknina. Zhur. nevroi. psikh. 66 no. 8:1132-1136 '66.
Functional disorders in body in electrical esophageal obstruction. M.I. Kolomilchenko. Khirurgia 42 no. 6:57-63 Je '66.
- PHYTONCIDES-CONGRESSES**
Fifth Conference on Problems of Phytoncides. A.A. Chasovennina. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:227-228 '66.
- PHYTOPATHOGENIC BACTERIA** see Bacteria, Phytopathogenic
- PHYTOPATHOGENIC FUNGI** see Fungi, Phytopathogenic
- PHYTOPHTHORA**
Methods of testing tomato varieties as to their resistance to artificial infection with Phytophthora. N.A. Dorozhkin, O.Ia. Strel'skaya. Dokl. AN BSSR 10 no. 7:495-499 Jl '66.
Phytophthora infection of strawberries. G. Govorova, Zashch. rast. 11 no. 7:44-45 '66.
- PHYTOPLANKTON** see subdivision under Balkal, Lake; Bratsk Reservoir; Yakutsk region
- PIANO-INSTRUCTION AND STUDY**
In the piano class. N. Perel'man. Sov. muz. 30 no. 5: 84-86 My '66.
- PICOLINE**
Intramolecular activity distribution in picolines labeled with carbon-14 recoil atoms. L.P. Firsova, An.N. Nesmelanov, M.F. Barakat. Radiokhimiia 8 no. 3: 379-382 '66.
- PICROTOXIN-PHYSIOLOGICAL EFFECT**
Effect of strychnine and picrotoxin on the central nervous system in frogs during X-ray irradiation. B.M. Butaev. Shor. nauch. trud. SOGMI no. 11: 120-123 '64.
- PIEZOELECTRIC SUBSTANCES**
Piezoceramic memory component with three stable states. K.G. Samoflov, N.V. Plakhotnyi, V.V. Lavrinenko. Mekh. i avtom. upr. no. 3:26-27 My-Je '66.
- PIEZOELECTRICITY**
Use of an X-ray diffraction picture in determining the direction of piezoelectric oscillations. V.I. Avundzhian, P.A. Bezirgandan. Dokl. AN Arm. SSR 42 no. 5:284-287 '66.
- PIEZOMETER**
Chemical conversions in piezothermic treatment of wood. V.V. Fefilov. Izv. vys. ucheb. zav.; les. zhur. 9 no. 3: 122-124 '66.
- PIGMENTATION DISORDERS**
Case of endogenic ochronosis. P.T. Iurchenko. Arkh. pat. 28 no. 5:74-76 '66.
- PILGRIMS AND PILGRIMAGES**
Return of the pilgrims of the Moscow Patriarchate. Zhur. Mosk. Patr. no. 6:4 '66.
- PILING (CIVIL ENGINEERING)**
Ammonal makes the pile. R. Bagirian. Izobr. i rata. no. 6:16-17 Je '66.
Propagation of stress waves along a pile under vibratory percussion piling conditions. E.D. Podoloznyi. Prikl. mekh. 2 no. 7:119-126 '66.
- PILOCARPINE**
Quantitative determination of pilocarpus alkaloids in vegetal raw material and intermediate products of pilocarpine production. O.S. Vysots'ka, S.Kh. Mushyn'ska, I.U. V. Shostenko. Farmatsev. zhur. 20(1), 21 no. 4:61-65 '66.
- PINDARUS**
A manuscript of Pindarus' odes in Moscow. N.S. Grinbaum. Vest. drev. ist. no. 2:116-132 '66.
- PINE**
(see also subdivision under Archangel Province; Kazakhstan; Meshchera; Tomsk Province)
Anatomy of the grafting of some pine species. V.N. Novikhin. Izv. vys. ucheb. zav.; les. zhur. 9 no. 3:36-40 '66.
Forest drainage and its effect on the properties of soils and the productivity of pine plantations. I.K. Blintsov. Vest. AN BSSR. Ser. sel'sk. nauch. no. 2:65-91 '66.
- PINE-DISEASES AND PESTS** see subdivision under Kazakhstan
- PINE-SHOOT MOTH** see subdivision under Dniester Valley
- PINNIPEDIA** see subdivision under Pacific Ocean
- PINS AND NEEDLES** see subdivision under Kundaev (Moscow Province)
- PIPE-FLUID DYNAMICS**
Water hammer in viscoplastic fluid flow in pipe. G.T. Gasanov and others. Azerb. nauch. zhur. 45 no. 8:17-18 Ag '66.
- PIPE-THERMAL PROPERTIES**
Variations in the intensity of heat transfer along the perimeter of the cross section of a horizontal pipe in a pseudofluidized bed. N.I. Gelfortin, V.G. Alshstein, A.V. Zaitkovskii. Inzh. fiz. zhur. 10 no. 8:699-692 '66.
- PIPE, PLASTIC-TESTING**
Effect of molecular weight of polyethylene on strength of parts of pressure pipelines. D.F. Kagan, R.F. Loshkin. Plast. massy no. 8:66-68 '66.
- PIPE, STEEL**
Making of eight-rib steel pipe on horizontal hydraulic presses. S.I. Borisov and others. Stal' 26 no. 8:337-339 Je '66.
Shortening of the production cycle for the cold-forming of pipe. V.A. Alekhin and others. Stal' 26 no. 6: 530-532 Je '66.
- PIPE, STEEL-TESTING**
Are welding of thick-walled low-carbon steel pipe for operation under a 160-320 gauge pressure. L.P. Levadnyi, V.V. Erohin. Svar. protv. no. 6:38-39 Je '66.
- PIPE, STEEL-WELDING**
Are heating of steel pipe edges. V.D. Taran, Id. Gl. Gagen. Svar. protv. no. 6:14-14 Je '66.
Automatic welding of pipe of K56M-11 steel. S.N. Vityak, M.R. Nikolaenko, V.P. Kharin. Svar. protv. no. 6: 20-31 Je '66.
Iurchenko, Iu. F., and others. [Assembly and welding of stainless steel piping in nuclear engineering applications] *Montazh i svarka truboprovodov iz korrozionostoykikh stalo i atomnoi promyshlennosti*. Pod red. P.K. Georgievskogo. Moskva, Atomizdat, 1966. 250 p.
Mechanical welding of drill pipes from D steel. K.V. Grouchev, V.I. Shlykov, Iu.D. Shchupnik. Izv. vuz. ucheb. zav. i gaz. 9 no. 3:87-90 '66.
Welding in an atmosphere of inert gases of rotation and nonrotation pipe joints of "aviat" type steel. N.K. Kiselev, V.S. Pichuglin. Svar. protv. no. 6:34-35 Je '66.
- PIPE BENDING-EQUIPMENT AND SUPPLIES**
The TGS-60M semiautomatic pipe-bending machine. V.I. Braude, A.K. Maksimov. Biol. tekhn. i tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 6: 23-25 Id '66.
- PIPE CUTTING-EQUIPMENT AND SUPPLIES**
Turning pneumatic clamp for mechanical hack saw. I.I. Zvonetskii. Tekhn. i org. protv. no. 6:74-75 Ja-F '66.
- PIPELINE TRANSPORTATION OF SOLIDS-ABSTRACTS**
[Pipeline transportation] Ref. zhur.: Trub. transp. no. 6 Je '66.
- PIPELINES**
Calculating a pipeline of a variable cross section for a piston compressor operating in a supercharging regime. N.M. Baranikov. Izv. vuz. ucheb. zav. i gaz. 9 no. 3:75-79 '66.
- PIPELINES-DESIGN AND CONSTRUCTION**
Semenov, B.N., and S.Ia. Loin, eds. [Economics of the construction of pipelines; a handbook] *Ekonomika stroitel'stva magistral'nykh truboprovodov; spravochnoe posobie*. Moskva, Nedra, 1966. 343 p.
- PIPELINES-FLUID DYNAMICS**
Experimental study of the flow of gas-liquid mixtures in pipelines. V.M. Balatskii, G.V. Ponomarev. Khim. khiz. 44 no. 6:61-66 Je '66.
Pressure losses in the flow of gas-liquid mixtures in a "relief" pipeline. A.K. Galtamov. Izv. vuz. ucheb. zav. i gaz. 9 no. 3:81-85 '66.
- PIPELINES-SAFETY MEASURES**
Patraev, A.A. [Safety manual for fillers of process piping] *Pamiatka po tekhnike bezopasnosti dlia ratschikh-montazhnikov tekhnologicheskikh truboprovodov Izd. 2., dop. i per.* Moskva, Stroiizdat, 1966. 29 p. (Tekhnika bezopasnosti v stroitel'stve)
- PIPERAZINE**
Mechanism of the stage process of piperazine synthesis from monoethanolamine. A.A. Balandin and others. Dokl. AN SSSR 168 no. 5:1061-1064 Je '66.
Structure of albonourin and its natural analog. A.S. Khokhlov and others. Izv. AN SSSR. Ser. khim. no. 7: 1101-1108 '66.

PIPERIDINIUM COMPOUNDS

Clinical testing of the hypotensive substance, diuretic, in the treatment of patients with hypertension. TS.A. Levina, A.I. Romanovskaya. Sov. med. 29 no. 5; 83-87 My '66.

PIPERYLENE

Hydrogen redistribution in piperylene between 400 and 625°C. M.I. Shulkin, T.I. Naryshkina, L.S. Beresneva. Neftekhimiya 6 no. 3:392-395 My-Je '66.

PISAREV, ANATOLI IVANOVICH, 1887-1963

Uelin, K.V. A.I. Pisarev. [Gor'kii] Volgo-Vlaskoo knizhnoe izd-vo, 1966. 68 p. (Nizhegorodskiy-revolutsionerny)

PISAREV, DMITRI IVANOVICH, 1840-1868

Plotkin, L.A. [D.I. Pisarev, his life and works] D.I. Pisarev, zhizn' i delatel'most'. Leningrad, Gos. izd-vo khudozh.lit-ry, 1962. 230 p. (RPB)

PISTON RINGS

Effect of the nonuniformity of structure and elastic properties of cast iron on the quality of a piston ring. A.T. Ostapov. Trudy.Ufim.av. inst. no.2:111-123 '66.

PITCH—ANALYSIS

Rapid methods of determining the group composition of coal pitch. B.E. Kotlik, R.I.A. Kolesnikova, N.Kh. Cherkasov. Koks.i khim. no.5:55-58 '66.

PITUITARY BASOPHILISM see Cushing's syndrome

PITUITARY BODY

Effect of the hypophysis on the adrenal cortex function in radiation sickness caused by radiophosphorus. Nad Lalesh, V.G. Ovakinov. Radiobiologiya 6 no.4:538-543 '66.

Morphological study of sex system, adrenal glands, and hypophysis in guinea pigs under effect of vitesol. Iv.T. Raichev. Arkh.pat. 28 no.6:55-62 '66.

PITUITARY BODY—SURGERY

Effect of hypophysectomy and the ligation of the internal carotid artery on water diuresis under the action of novocaine. N.N. Pronina. Sbor. nauch. trud. SOGM 1 no.11:4-20 '64.

Water diuresis, dynamics of the basic processes of uropoiesis, and blood pressure in hypophysectomized dogs. N.N. Pronina. Sbor. nauch. trud. SOGM 1 no.11:21-27 '64.

PITUITRIN

Methodology of determining antidiuretic hormone. V.M. Derevoz. Lab. delo no.8:476-478 '66.

PLACENTA

DNA content in the nuclei of the chorion epithelium of the human placenta. V.D. Novikov, A.I. Sherudilo. Izv. SO AN SSSR no.4.Ser.biol.-med.nauk no.1:96-100 '66.

PLACER DEPOSITS

Recommended placers and prospects for finding them in the U.S.S.R. S.M. Gurvich. Razved. i ozh.nedr 32 no.4:10-17 Ap '66.

PLAGUE—MICROBIOLOGY

Quantitative relationship between proteins and DNA in deoxyribonucleoproteins of the plague microbe. M.L. Bekker. Dokl. AN SSSR 166 no.5:1188-1191 Je '66.

PLAGUE—PREVENTIVE INOCULATION

Antimicrobial and antitoxic immunity in experimental plague. N.N. Basova, I.U.A. Filimonova, A.A. Kanchukh. Zhur. mikrobiol. i epid. i immu. 43 no.7; 163-167 Ji '66.

PLANERSKOYE (UKRAINE)—GUIDEBOOKS

Shul'ts, N.F. [Planerskoye (Koktebel'); study-guidebook] Planerskoye (Koktebel'); ocherk-pulovoditel'. Simferopol', Izd-vo "Krym," 1966. 70 p.

PLANT BREEDING

(see also subdivision under Estonia)

Lagat protection of the new and improved varieties of farm crops. H. Druchok. Rad.pravo. 29 no.8:55-58 Ag '66.

Showing concern for well-being of our people; unknown documentary materials of Academician N.I. Vavilov. Sov. arkh. no.3:41-52 '66.

A way of improvement of the initial stages in the breeding process. N.D. Matveev. Genetika no.4:158-168 Ap '66.

PLANT CELLS AND TISSUES

Effect of phytochrome system on formation of pigments in carrot tissue culture. T.N. Godov and others. Dokl. AN SSSR 166 no.3:692-694 Ji '66.

Growth of basic parenchyma in the internodes of corn. I.A. Dudinaki, K.M. Sytnik. Dokl. AN SSSR 166 no.8:1425-1428 Je '66.

Significance of spectral light composition for division and extension of cells in carrot tissue culture. V.S. Polevina, R.G. Butenko. Dokl. AN SSSR 166 no.3:721-723 Ji '66.

PLANT COMMUNITIES

Kazan. Universitet. [Plant interrelationships in plant communities] Vztahy meduzheniya rasteniy v rastitel'nom soobshchestve. [Kazan'] 1964. 330 p. (DNL)

PLANT CUTTINGS

Anatomy and morphology of the root formation in laurel cuttings. Z.Sh. Gabrieldze. Subtrop.kult. no.1:133-139 '66.

PLANT INTRODUCTION

Protopopova, E.N. [New tree species in Siberia; introduction of new species in southern Kraonoyarsk Territory] Novye drevesyne porody Sibiri; introduktsii novyykh porod na yugo Kraonoyarskogo kraia. Moskva, Nauka, 1966. 103 p. (DNL)

PLANT PHYSIOLOGY

Activity of some enzymes in winter crops. M.A. Khra-brova. Izv. SO AN SSSR no.4.Ser.biol.-med.nauk no.1:44-50 '66.

Certain methodological problems of the physiology of plants. B.A. Rubin. Vop.filos. 20 no.7:123-131 '66.

Differences in vegetative and generative buds, leaves, wood and fruit of prune. S.M. Minastan, A.S. Asatryan. Biol.zhur. Arm. 16 no.6:9-17 Je '66.

Effect of the methods of irrigation on the growth of the plant and physiological and biochemical processes in corn leaves. G.A. Ronsal', E.V. Novitskii. Trudy UkrNIGM no.63:48-60.

Method of the introduction of chemical mutagens into the transport system of woody plants. G.F. Privolov, N.S. Shchapov. Genetika no.4:156-157 Ap '66.

Structure of the conductive system in the petiole and the main vein of leaves in some woody plants. G.P. Belostokov. Nauch.dokl. vys. shkoly; biol. nauki 9 no.3: 128-135 '66.

Study of phosphatide-peptide compounds connected with the protein biosynthesis in the lamellae and chloroplasts of beans. V.S. Chigirev, E.N. Bozinger, N.M. Sienkian. Dokl. AN SSSR 166 no.1:235-237 Ji '66.

PLANT PHYSIOLOGY—CONGRESSES

Nauchnaya konferentsiya Prikladnykh respublik 1

Beloruskii po voprosam rosta i razvitiya vysshikh rasteniy, Vilna, 1963. [General characteristics of growth and development of plants; reports] Otschie zakonomenosti rosta i razvitiya rasteniy; doklady. Vilnius, Mintis, 1965. 397 p.

PLANT QUARANTINE

Quarantine workers report. L. Shakhrai. Zashch.rast. 11 no.7:56-58 '66.

Transportation rules. Zashch.rast. 11 no.7:60 '66.

PLANT TEMPERATURE

Relationship between respiration and heat transfer in moderate wilting of plants. V.N. Zhokkevich, V.A. Kholler, A.I. Rogacheva. Dokl. AN SSSR 166 no.3:713-716 Ji '66.

PLANTING TIME

Planting time for peas and chick-pea in Turkmenistan. A. Golenov, L. Dashkova. Zor. i masl.kult. 1 no.3: 38 '66.

Planting time for sugar beets seed plants in peat bog soils. I.E. Lentin. Vestel AN BSSR, Ser. sel'hozp. nav. no.2:42-48 '66.

PLANTS—ASSIMILATION

Content of available forms of nitrogen, phosphorus, and potassium in the soil and their uptake by plants under various methods of irrigation. S.S. Roavakina, G.A. Ronsal', E.V. Novitskii. Trudy UkrNIGM no.63:61-71 '66.

Effect of the various intensity of light on the state of green plastids and accumulation of plastic substances in tea leaves. M.Sh. Bakanidze. Subtrop.kult. no.1:104-108 '66.

PLANTS—CHEMICAL ANALYSIS

Amino acid composition of alder, bean, and lupine nodules. K.B. Aueeva, Z.G. Evstigneeva, V.L. Kretovich. Dokl. AN SSSR 166 no.2:463-465 Ji '66.

Phytochemical study of the scapberry Sapindus mukorossi Gaertn.). Report No.8: Study of the leaves of scapberry. N.I.A. Zykova. Farmatsiv, zhur. 21 no.3:51-53 '66.

PLANTS—DROUGHT RESISTANCE

Effect of preserving seed hardening against drought on reproductive processes in plants. P.A. Genkel' and others. Dokl. AN SSSR 166 no.3:709-712 Ji '66.

PLANTS—METABOLISM

Correlation between the accumulation of alkaloids, essential oils, and lactones in wormwoods. N.M. Ismatlov, R.M. Abbasov. Trudy Inst. bot. AN Azerb. SSR 24:87-95 '64.

PLANTS—NUTRITION

Micro-organisms and nitrogen nutrition of plants. I.V. Aleksandrova. Pochvovedenie no.8:33-38 Ag '66.

PLANTS—REPRODUCTION

Effect of preserving seed hardening against drought on reproductive processes in plants. P.A. Genkel' and others. Dokl. AN SSSR 166 no.3:709-712 Ji '66.

PLANTS—RESPIRATION

Cytochemical study of the activity of respiratory enzymes in authors of sterile and fertile corn lines. A.N. Pali-lova, N.V. Turbin, L.S. Serpukhova. Dokl. AN SSSR 166 no.3:677-679 Ji '66.

Relationship between respiration and heat transfer in moderate wilting of plants. V.N. Zhokkevich, V.A. Kholler, A.I. Rogacheva. Dokl. AN SSSR 166 no.3:713-716 Ji '66.

Transpiration of the Siberian pea tree in pure and mixed plantations in the forest-steppe zone of the Central Chernozem Region. I.S. Kovalev. Izv.vyb.ucheb. zav.; les. zhur. 9 no.3:48-50 '66.

PLANTS, CULTIVATED

[Plant culture] Ref. zhur. i rast. no.8 Je '66.

PLANTS, EFFECT OF ACETAMIDE ON

Effect of preplanting treatment of seeds with N-substituted chloroacetamide on growth and development of Lactuca 62 wheat variety. T.A. Enikh and others. Khim. v sel'. khoz. 4 no.7:18-19 Ji '66.

PLANTS, EFFECT OF AMINO ACIDS ON

Effect of DNA synthesis inhibitors on the formation of chlorophyll. T.G. Beridze, and others. Dokl. AN SSSR 166 no.2:466-468 Ji '66.

PLANTS, EFFECT OF BORON ON

Effect of molybdenum and boron on the yield of pulse crops. V.I. Shompel', N.P. Kukresh, Vestel AN BSSR, Ser. sel'hozp. nav. no.2:30-34 '66.

PLANTS, EFFECT OF GAMMA RAYS ON

Effect of temperature on the reparation processes of irradiated pea chromosomes. P.D. Usmanov. Genetika no.4:105-113 Ap '66.

Reproduction rate and survival of the duckweed Lemna minor following gamma irradiation. V.H. Kasimov. Radiobiologiya 6 no.4:605-612 '66.

PLANTS, EFFECT OF HERBICIDES ON

Determining residues of monuron, diuron, and simazine in citrus fruits. Z.F. Urukova, M.A. Klisenko. Khim. v sel'. khoz. 4 no.7:52-54 Ji '66.

PLANTS, EFFECT OF IRON ON

Storage and transport forms of iron in plants. A.A. Mutukhin. Izv. AN SSSR, Ser. Biol. 31 no.4:561-561 Ji-Ag '66.

PLANTS, EFFECT OF LIGHT ON

Effect of the various intensity of light on the state of green plastids and accumulation of plastic substances in tea leaves. M.Sh. Bakanidze. Subtrop.kult. no.1:104-108 '66.

Interrelationship of high and low energy reactions as a mechanism of the adaptation of plants to seasonal changes of the environment. S.L. Purnipinskina. Dokl. AN SSSR 166 no.5:1427-1429 Je '66.

Light adaptation of mechanism of NADP photo-reduction by chloroplasts. E.N. Mekhin, E.A. Akuleva. Dokl. AN SSSR 166 no.3:600-602 Ji '66.

Significance of spectral light composition for division and extension of cells in carrot tissue culture. V.S. Polevina, R.G. Butenko. Dokl. AN SSSR 166 no.3:721-723 Ji '66.

Synchronization of the diurnal rhythm of sap exudation with the light balance. V.O. Kazarian, A.G. Abramyan, G.G. Gabrieldan. Biol. zhur. Arm. 19 no.6:3-8 Je '66.

PLANTS, EFFECT OF MOLYBDENUM ON

Effect of molybdenum and boron on the yield of pulse crops. V.I. Shompel', N.P. Kukresh, Vestel AN BSSR, Ser. sel'hozp. nav. no.2:30-34 '66.

PLANTS, EFFECT OF NITRATES ON

Effect of some factors on nitrate reduction by grapevine roots. M.V. Kivvidze. Soob. AN Gruz. SSR 43 no.1: 193-198 Ji '66.

PLANTS, EFFECT OF NITROGEN ON

Effect of different nitrogen fertilization methods on the microflora of the rhizosphere and roots of an onion. A.M. Babushenko, V.N. Donchenko. Izv. AN Kazakh. SSR, Ser. Biol. 4 no.3:36-42 My-Je '66.

Effect of different nitrogen sources on the formation of amino acids in the homogenates of grapevine roots and leaves. N.N. Nutsaidze, N.A. Davitashvili. Soob. AN Gruz. SSR 43 no.1:109-114 Ji '66.

Effect of various nitrogen forms on carotene accumulation in leaves of sugar beets and storage cabbage. T.N. God-nov, M.E. Vlasenko. Dokl. AN BSSR 166 no.7:489-491 Ji '66.

Morphogenesis of the redtop (Agrostis alba L.) as related to the soil moisture and the level of nitrogen nutrition. G.P. Serain. Nauch.dokl. vys. shkoly; biol. nauki 9 no.3:136-139 '66.

PLANTS, EFFECT OF PHOSPHORUS ON

Most efficient use of phosphate meal in agriculture: review of literature. A.S. Chernavin. Khim. v sel'. khoz. 4 no.8:18-20 Ag '66.

Uptake of radioactive phosphorus by the bast and wood of the birch Betula verrucosa in radial direction. Z.E. Briantseva. Izv. vys.ucheb. zav.; les. zhur. 9 no.3:28-31 '66.

PLANTS, EFFECT OF POTASSIUM ON

Effect of various amounts of potassium chloride on the yield and oil content of hemp seeds. P. I. Getmanov. Khim. v sel'. khoz. 4 no. 6: 12-13 Je '66.

PLANTS, EFFECT OF RADIATION ON

Heavy metal ions as radioprotectors against radiation injuries of plants. P. A. Vlasuk, D. M. Grodzinskiy, I. N. Gudkov. Radiobiologiya 6 no. 4: 591-597 '66.

Uranium and plutonium accumulation by marine algae. V. S. Zolotarev. Radiobiologiya 6 no. 4: 613-617 '66.

PLANTS, EFFECT OF SALTS ON

Effect of preplanting salt-hardening on some physiological processes in cotton, corn, and alfalfa under conditions of sulfate-chloride type salinization of soil. Z. S. Azizbekova. Trudy Inst. bot. AN Azerb. SSR 24: 87-104 '64.

PLANTS, EFFECT OF SOIL ACIDITY ON

Effect of soil acidity on germination of seeds of different corn varieties. E. L. Klimashovskiy. Khim. v sel'. khoz. 4 no. 7: 9-12 Ji '66.

PLANTS, EFFECT OF SOIL MOISTURE ON

Change in the susceptibility of monocotyledons and dicotyledons to 2,4-D depending on soil moisture. I. U. M. Khodorovskiy. Khim. v sel'. khoz. 4 no. 8: 40-44 Ag '66.

Morphogenesis of the redtop (*Agrostis alba* L.) as related to the soil moisture and the level of nitrogen nutrition. G. P. Serafa. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 136-139 '66.

PLANTS, EFFECT OF TEMPERATURE ON

Effect of temperature and moisture on the change in some biochemical millet properties. L. I. Dzhamalova, I. Rakhimbayev. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3: 37-51 My-Je '66.

Temperature resistance of cell protoplasm in various organs of ephemeral plants as related to their development cycle. Kh. Kh. Karimov, A. I. Popova. Dokl. AN Tadzh. SSR 9 no. 6: 40-43 '66.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Akademii nauk URSS, Kiev. [Trace elements in agriculture and medicine] Mikroelementy v sel'skom khoz-vaistve i meditsine. Kiev, Naukova dumka, 1966. 239 p. (Respublikanskii mezhdunarodnyy sbornik)

Effect of mineral fertilizers and industrial waste containing trace elements on cotton. Zh. I. A. Bat'kaev. Vest. sel'. khoz. nauki [Kazakh.] 9 no. 7: 28-31 Ji '66.

Effect of some microelements on the accumulation of chlorophyll in cotton. D. Kh. Khodzhaev. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 161-163 '66.

Effect of trace elements on the yields of forage crops. M. R. Rustambekov, G. A. Rzaev. Trudy Inst. bot. AN Azerb. SSR 24: 105-117 '64.

Effectiveness of boron-magnesium fertilizers in a continuously fertilized tea plantation. I. D. Gamkrelidze, K. B. Talakvadze. Subtrop. kul't. no. 1: 85-87 '66.

Mechanism of the action of trace elements on the translocation of matter in the plant organism. M. G. Abutalybov, D. A. Aliev, R. Abdieva. Trudy Inst. bot. AN Azerb. SSR 24: 78-86 '64.

Some results of the study of the effectiveness of trace elements in viticulture. Z. G. Bagdasaryan. Khim. v sel'. khoz. 4 no. 8: 11-15 Ag '66.

PLANTS, EFFECT OF TRACE ELEMENTS ON—CONGRESSES

Nauchnaia konferentsiia Prikladnykh respublik i Belorussii po voprosam rosta i razvitiia vysshikh rastenii. Vil'na, 1963. [Role of microelements in growth and development process in plants; reports] Rol' mikroelementov v protsesse rosta i razvitiia rastenii; doklady. Vil'nius, Mintis, 1965. 128 p.

PLANTS, EFFECT OF TRIAZINE ON

Aftershoots of simazine and atrazine on weeds and farm plants. I. U. G. Merzhinskii and others. Khim. v sel'. khoz. 4 no. 7: 22-27 Ji '66.

PLANTS, EFFECT OF X RAYS ON

Ear formation following X-ray irradiation of vernalized winter wheat seeds. D. O. Avakian, V. O. Babayan. Biol. zhur. Arm. 19 no. 6: 18-22 Je '66.

Effect of X-ray irradiation on transamination in plants. S. O. Grebinskii, N. M. Fornik, M. S. Gargola. Radiobiologiya 6 no. 4: 631-632 '66.

PLANTS, MOTION OF FLUIDS IN

Mechanism of the action of trace elements on the translocation of matter in the plant organism. M. G. Abutalybov, D. A. Aliev, R. Abdieva. Trudy Inst. bot. AN Azerb. SSR 24: 78-86 '64.

PLANTS, PROTECTION OF

(see also subdivision under Caucasus, Northern; Volga Valley)

Coordinating council. E. Ivanov. Zashch. rast. 11 no. 7: 55-58 '66.

Each collective and state farm should have an agronomist for plant protection. A. Shumakov, M. Shmolev, I. U. Neipert. Zashch. rast. 11 no. 7: 3-6 '66.

For high quality crops. I. Churaev. Zashch. rast. 11 no. 7: 1-2 '66.

Recent developments find their way. Zashch. rast. 11 no. 7: 8-9 '66.

PLANTS, PROTECTION OF—MANAGEMENT

subdivision under Mogilev Province

PLANTS, RADIOACTIVE SUBSTANCES IN

Materials on the characteristics of the natural radioactivity in leaves of tree and shrub varieties growing in the botanical gardens of the European part of the U.S.S.R. N. N. Aifimov, P. N. Igavov, V. P. Tikhomirov. Radiobiologiya 6 no. 4: 601-604 '66.

Radioactive phosphorus uptake by the phloem and xylem of pine and spruce. Z. E. Briantseva. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 140-146 '66.

PLANTS, WATER IN

Effect of negative temperatures on the moisture conditions and carbohydrate metabolism in olive plants. E. N. Domanskaya. Subtrop. kul't. no. 1: 140-144 '66.

PLASMA (IONIZED GASES)

Contribution to the theory of the propagation of electromagnetic waves in a limited plasma. D. T. Kor-mitsin. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3: 479-488 '66.

Disintegrated wave interaction in magnetized plasma. N. P. Giorgadze, E. M. Khirseli, N. L. Tsintsadze. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3: 489-496 '66.

Equilibrium of a plasma in a stellarator with a circular magnetic axis. V. D. Shafranov. Atom. energ. 21 no. 1: 47-49 Ji '66.

Kinetic theory of electromagnetic wave reflection from a moving plasma. V. I. Mirushchenko. Izv. vys. ucheb. zav.; radiofiz. 9 no. 4: 666-674 '66.

Nesterikhin, I. U. E., and R. I. Soloukhin. [Methods of high-velocity measurements in gas dynamics and plasma physics; special course for students of Novosibirsk State University] Metody skorostnykh izmerenii v gazodinamike i fizike plazmy; spetskurs dlia studentov NGU. Novosibirsk, Novosibirskii gos. univ., 1965. 127 p.

Nonlinear effects in a plasma wave guide. V. P. Virko, S. M. Levitskii. Izv. vys. ucheb. zav.; radiofiz. 9 no. 4: 691-696 '66.

Nonlinear interaction of waves in plasma in the presence of intense transverse waves. V. A. Liporovskii, V. N. Tsytychov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3: 469-478 '66.

Penetration of an electromagnetic field into magnetized plasma. I. U. V. Bogdanov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3: 462-468 '66.

Self-focusing of electromagnetic waves in an isotropic plasma. A. G. Litvak. Izv. vys. ucheb. zav.; radiofiz. 9 no. 4: 675-680 '66.

Some characteristics of the ray theory of propagation of cylindrical and spherical waves in a weakly inhomogeneous plasma. Part 2. I. U. I. Orlov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 4: 657-665 '66.

Some special features of the ray theory of the propagation of cylindrical and spherical waves in a weak inhomogeneous plasma. I. U. I. Orlov. Izv. vys. ucheb. zav.; radiofiz. 9 no. 3: 497-506 '66.

PLASMA MEMBRANES
Simposium po probleme "Protoplazmaticheskie membrany i ikh funktsional'nai rol'." Ist. Kiev, 1964. — [Protoplasmic membranes and their functional role; transactions of First Symposium on Problems of General Physiology] Protoplazmaticheskie membrany i ikh funktsional'nai rol'; trudy Pervogo Simpoziuma po voprosam obshchego fiziologii. Kiev, Naukova dumka, 1965. 255 p.

PLASMA OSCILLATIONS
Effect of Coulomb collisions on the drift instability of a plasma. A. A. Rukhadze, V. P. Silin. Dokl. AN SSSR 169 no. 3: 558-561 Ji '66.

Nonlinear theory of drift-cone instability. A. B. Mikhailovskii. Dokl. AN SSSR 169 no. 3: 564-567 Ji '66.

PLASTER CASTS, SURGICAL
Use of thoracocranial plaster cast in the reduction of luxations of cervical vertebrae. V. P. Solivanov, M. N. Nikitin. Ortop., travm. i protez. 27 no. 7: 26-29 Ji '66.

PLASTIC BEARINGS
Characteristics of wear of metal-polymer friction pairs. V. G. Kravchenko, G. A. Gorokhovskii, G. N. Dmitriuk. Tekh. i org. proizv. no. 1: 23-25 Ja-F '66.

PLASTIC FILMS
International exhibition "Chemistry in Industry, Construction, and Agriculture." G. O. Tsvetkov. Plast. massy no. 8: 78-79 '66.

Optimal conditions for simultaneous biaxial orientation of polyethylene terephthalate film. G. V. Sagalova and others. Plast. massy no. 8: 39-42 '66.

Storing apples wrapped in polyethylene. A. Troian, D. Gol'fman. Sov. torg. 39 no. 7: 44-46 Ji '66.

PLASTIC GREENHOUSES see Greenhouses, Plastic

PLASTICITY

Complete system of equations describing plastic equilibrium of thin-walled shells. V. I. Rozenblum. Mekh. tver. tela no. 3: 127-132 My-Je '66.

Liquorization of relations in theory of plastic media. I. A. Bereznoi. Mekh. tver. tela no. 3: 133-136 My-Je '66.

Prandtl's problem for anisotropic plastic medium of nonuniform thickness and equilibrium of a half-space under the action of distributed load. O. D. Gergelov. Mekh. tver. tela no. 3: 147-149 My-Je '66.

Theorem on variable loads. V. V. Moskvina. Eksp. plast. Mekh. tver. tela no. 3: 144-147 My-Je '66.

Thermodynamic analysis of models of inelastic equilibrium. V. N. Nikol'sevskii. Mekh. tver. tela no. 3: 153-156 My-Je '66.

Transformation and integration of equations in plasticity theory for a plane stressed state. P. S. Churbaev. Mekh. tver. tela no. 3: 136-140 My-Je '66.

Two-dimensional elastoplastic problem under exponential conditions of creep. B. D. Annin. Mekh. tver. tela no. 3: 122-123 My-Je '66.

PLASTICIZATION

Molecular relaxation in plasticized polyvinyl chloride. G. P. Mikhailov, A. M. Lobanov, D. M. Mirskanlov. Vysokom. soed. 8 no. 8: 1351-1355 Ag '66.

PLASTICS

Plastic panels as structural material for furniture. V. A. Kin' and others. Der. prom. 15 no. 8: 24-25 Ag '66.

PLASTICS—MOLDING

Dependence of cracking resistance of polyethylene articles on conditions of injection molding. V. V. Abramov, I. F. Kanavitsa. Plast. massy no. 8: 43-45 '66.

Effect of technological parameters of extrusion on shrinkage of impact resistant polystyrene sheets. M. I. Blumental' and others. Plast. massy no. 8: 45-48 '66.

Nikitin, I. U. V., N. A. Kozulin, and A. I. Shapiro. [Principles of designing the operating conditions of vacuum molding machines for the production of three-dimensional objects made of sheet thermoplastics] Osnovy rascheta tekhnologicheskikh rezhimov vakuumformovannykh maslin dlia proizvodstva ob'ektnykh izdelii iz listovykh termoplastov. Leningrad, 1966. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Plastmassy i ikh primeneniye v promyshlennosti)

PLASTICS—TESTING
Effect of fillers on properties of compositions based on thermoplastic polymers. V. V. Korshak and others. Plast. massy no. 8: 50-53 '66.

PLASTICS CUTTING
Hard-alloy cutter for plastics. I. P. Zakharenko, A. A. Fedoseev. Der. prom. 15 no. 6: 13-15 Je '66.

PLASTICS IN AGRICULTURE
Use of plastic materials in irrigation and drainage of farmlands abroad; review of foreign literature. V. N. Gorinskii. Khim. v sel'. khoz. 4 no. 7: 70-77 Ji '66.

PLASTICS IN BUILDING
Iudeev, A. V. [Manufacture and assembly of industrial vinyl-plastic ventilation systems; corrosion protection of air ducts] Izgotovlenie i montazh sistem promyshlennoi ventilatsii iz vinilplast; antikorrozionnaya zashekhla vozdukhovodov. Moskva, Stroizdat, 1966. 160 p. (Seriya prikladnykh posobie po povyseniiu masterstva v promyshlennom stroitel'stve)

PLASTICS MACHINERY
Automatic line for manufacturing plastic parts. F. V. Belikov, E. M. Pavlitsev, I. E. Sigal. Mekh. i avtom. proizv. 20 no. 7: 1-3 Ji '66.

Calculation and design of extruder heads for shaped articles. E. E. Glukhov, M. P. Shapovkov, I. U. Makhrova. Plast. massy no. 8: 51-55 '66.

Use of induction heating in production and processing of plastics. I. U. Arkuski, V. S. Nemkov, B. S. Polevov. Plast. massy no. 8: 48-51 '66.

PLASTICS IN AGRICULTURE
Use of polymers in animal husbandry and veterinary medicine. N. M. Klimov. Khim. v sel'. khoz. 4 no. 6: 60-61 Je '66.

PLASTICS IN SHIPBUILDING
Lishin, A. B. [Polymers in ship repair] Polimery v sudostroeni. [Murmansk] Murmanskoe knizhnoe izd-vo, 1964. 47 p.

PLASTICS IN THE PETROLEUM INDUSTRY
Effect of time cure on shrinkage. A. D. Mustafayev, D. A. Korimov. Izv. vys. ucheb. zav.; naft. i gaz 9 no. 3: 93-97 '66.

PLATES, IRON AND STEEL—DEFECTS
Reducing factory rejects of killed carbon steel plate due to exfoliation. E. A. Frodenzon and others. Stal' 20 no. 6: 52-56 Je '66.

- PLATINUM-COBALT ALLOYS** see Cobalt-platinum alloys
- PLATINUM GROUP** see subdivision under Uzbekistan
- PLETHYSMOGRAPHY**
Effect of diaphylline on the tone of cerebral, extra-cranial and peripheral vessels according to pletysmographic data. V.P. Zhmurkin. Trudy TSU 81; 30-36 '66.
Use of highly sensitive selenium-cadmium photoresistors for study of the peripheral blood circulation in man and animals. V.B. Zakharzhevskii, A.O. Oleks. Biol. eksp. biol. med. 62 no. 7:112-114 JI '66.
- PLEUROPNEUMONIAL-LIKE ORGANISMS—CULTURES AND CULTURE MEDIA**
Obtaining of L-form diphtheroids on artificial culture medium and in tissue culture, and the study of their biological properties. T.N. Klushina. Zhur. mikrobiol., epid. i immun. 43 no. 3:81-85 Ag '66.
- PLOWING** see subdivision under Armenia
- PLOWS**
Wide-range plow for plowing under shrubs. O. Matsure. Tekh. v sel'khoz. 26 no. 6:36 Je '66.
- PLUM—VARIETIES**
Embryology of some plum varieties. L.I. Surkova, K.P. Skripina. Nauch. dokl. vys. shkoly; biol. nauki 0 no. 3: 124-127 '66.
- PLUMB-LINE DEFLECTIONS**
Principle of dividing absolute (gravimetric) plumb-line deflections into local and general (planetary). V.V. Buzuk. Trudy NIGAIAK 16 no. 1:6-13 '64.
- PLUTONYL COMPOUNDS**
Behavior of plutonyl in hydrochloric and sulfuric acid solutions. B.G. Pozharskii. Radiokhimiya 8 no. 3: 277-285 '66.
- PLYWOOD INDUSTRY—CONGRESSES**
Conference of workers of plywood industry. E.V. Vol'skii. Der.prom. 15 no. 8:26-27 Ag '66.
- PLYWOOD INDUSTRY—TECHNOLOGICAL INNOVATIONS**
Moscow. Tsentral'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoi, tselulozno-bumazhnoi, derevoobrabatovannoi i tselulozno-bumazhnoi promyshlennosti i lesnomu khoziaistvu. [Recent developments in plywood industry] Novoe v fanernoi promyshlennosti. Moskva, 1965. 45 p. (Derevoobrabotka)
- [MICROFILM]
- PNEUMATIC CONTROL**
Seminars po pnevmaticheskoi avtomatike, 6, sessiya. Baku, 1963. [Pneumatic control; materials]
Pnevmaticheskaya avtomatika; [materials]. Moskva, Nauka, 1966. 201 p.
Triumph of an air jet. L. Lukomskaya. NTO 6 no. 6:30-34 Je '66.
- PNEUMATIC CONVEYING**
Heat exchange between pipes of various profiles and a flow of granular material. IU. P. Kurochkin. Inzh. fiz. zhur. 10 no. 6:759-763 '66.
- PNEUMATIC MACHINERY**
Simulation of the motion of particles at the inlet to the nozzle of a pneumatic harvester. S.P. Volkus, N.V. Kiselev, I.S. Nagorskiy. Izv. vys. ucheb. zav.; energ. 8 no. 7:94-96 JI '66.
- PNEUMATIC MACHINERY—DESIGN AND CONSTRUCTION**
Ideal vibrationproof impact machine. B.V. Sudnitsnikov, N.N. Esin, N.A. Klushin. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:76-78 '66.
- PNEUMATIC-TUBE TRANSPORTATION**
Doubled pneumatic tube transportation. S.V. Poliak. Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 6:59 Je '66.
- PNEUMOGASTRIC NERVE** see Vagus nerve
- PNEUMONIA**
Cytomagic pneumonia and focal necrosis of adrenal glands with calcium deposition in a child. V.A. Samsonov, A.A. Filippova. Arkh. pat. 28 no. 6:84-87 '66.
Hemorrhagic manifestations in pneumonia in aspect of Schwartzman hyperergic phenomenon. IA. O. Ol'shan'skii. Arkh. pat. 28 no. 6:33-40 '66.
Results of dispensary observation of patients having had acute pneumonia. N.V. El'shtein. Sov. med. 29 no. 6:30-41 My '66.
Role of influenza and parainfluenza viruses and adenoviruses in acute pneumonias in children under 2 years of age. V.V. Kitova, Z.M. Marchenko. Sov. med. 29 no. 5:14-17 My '66.
Staphylococcal pneumonias in children. S.L. Libov and others. Sov. med. 29 no. 5:117-121 My '66.
- PODZOL**
Arinushkaya, E.V. [Studying turf-Podzolic soils in field and laboratory; for identification purposes] Issledovanie drevno-podzolistykh pochv v pole i v laboratorii; v diagnosticheskikh tsellakh. [Moskva] Izd-vo Mosk. univ., 1966. 45 p.
Effect of continuous use of manure and mineral fertilizers on fertility of sandy loam turf-Podzolic soils. E.S. Karpova, L.I. Petrova. Pochvovedenie no. 8:69-75 Ag '66.
- POETICS**
Zaborskaite, V. [The art of verse] Eterascio menas. Vilnius, Vaga, 1965. 277 p. [In Lithuanian] (MI)
- POETRY**
Barlas, V.I.A. [Through the eyes of poetry; about the discoveries of art and about modern poets] Glazami poezii; ob otkrytiakh iskusstva i o sovremennykh poetakh. Moskva, Sovetskii pisatel', 1966. 242 p.
- POETS**
Barlas, V.I.A. [Through the eyes of poetry; about the discoveries of art and about modern poets] Glazami poezii; ob otkrytiakh iskusstva i o sovremennykh poetakh. Moskva, Sovetskii pisatel', 1966. 242 p.
- POGODIN, NIKOLAI FEDOROVICH, 1900-1962**
Solution of the people and leader problem in N. Pogodin's play "Man with the gun." A.M. Rozenberg. Uch. zap. MOPI 141:230-249 '64.
- POISONING**
Qualitative reactions in the diagnosis of poisonings with some industrial liquids. M.T. Tsiplov, A.I. Grigor'enko. Lab. delo no. 8:481-483 '66.
- POISONS**
Bylova, M.L. [Methods of experimental investigation of the long-term action of harmful factors in the environment] Melody issledovaniia khronicheskogo deistviia vrednykh faktorov sredy v eksperimente. [Leningrad] Meditsina, 1964. 227 p. (DNLM)
- POLAND—BIBLIOGRAPHY**
[New literature on Poland] Nov. lit. po Pol'. nos. 6-7 '66.
- POLAND—CHURCH AND STATE**
Church and state in Poland. G. Korotyn'skii. Nov. vrem. 24 no. 36:14-16 S '66.
- POLAND—FOREIGN ECONOMIC RELATIONS—UKRAINE**
History of Ukrainian contacts with Poland in 1918-1920. A.O. Dziedzhusla. Pyt. nov. ia novit. ist. no. 2:25-40 '65.
- POLAND—GEOLOGY, STRATIGRAPHIC**
Danian-Montian sediments in Poland and the boundary between the Cretaceous and Paleogene. K. Pozhar'skaya. Izv. AN SSSR, Ser. geol. 31 no. 7:126-131 JI '66.
- POLAND—LAND—CLASSIFICATION**
Classification of arable lands in People's Republic of Poland. M. Strzenski. Pochvovedenie no. 8:26-32 Ag '66.
- POLAND—LAW—CODIFICATION**
Systematic compilation and codification of laws of the Polish People's Republic at the present stage. S.V. Bobotov, I.S. Vlasov. Sov. gos. i pravo 36 no. 8:98-94 Ag '66.
- POLAND—LAW REPORTS, DIGESTS, ETC.**
Systematic compilation and codification of laws of the Polish People's Republic at the present stage. S.V. Bobotov, I.S. Vlasov. Sov. gos. i pravo 36 no. 8:98-94 Ag '66.
- POLAND—MUSIC**
To our friends. Z. Mycielski. Sov. muz. 30 no. 5:137-140 My '66.
- POLAND—PESTICIDES**
Foreign pesticides. P. Shih. Zashch. rast. 11 no. 7:26-29 '66.
- POLAND—UKRAINIANS**
The tenth anniversary of the Ukrainian Social and Cultural Society in Poland. M. Iavors'kyi. Ukr. ist. zhur. 10 no. 6:40-49 Je '66.
- POLAND—WORLD WAR, 1930-1945—PERSONAL NARRATIVES**
Recollections of those days; from a field notebook. M. Vornikovskii. Voen. znau. 42 no. 7:40 JI '66.
- POLARIZATION (ELECTRICITY)**
Anodic and cathodic polarization in a copper pyrophosphate electrolyte. B.L. Reizin, V.I. Lainer. Zashch. met. 2 no. 3:339-343 My-Je '66.
Cathodic polarization in pyrophosphate electrolytes for the deposition of copper-lead alloys. A.Z. Vashin, P.S. Titov, S.I. Uspenskiy. Zashch. met. 2 no. 3:344-348 My-Je '66.
- POLARIZATION (NUCLEAR PHYSICS)**
Kozhushner, M.A. [Ingenious experiments in nuclear physics; polarized nuclei] Tonkie eksperimenty iadernoi fiziki; polarizovannyye iadra. Moskva, Znaniye, 1965. 31 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no. 13)
Spontaneous polarization of neutrons in magnetic and electric fields. V.L. Lluboshits. Izd. fiz. 4 no. 2:269-271 Ag '66.
- POLAROGRAPHY**
Control of electrolysis baths by the method of oscillographic polarography with the use of solid electrodes. IU. S. Gurodel'skii. Zashch. met. 2 no. 3:353-357 My-Je '66.
Lowering polarographic wave height of subtilisin in the presence of diisopropyl fluorophosphate. I.D. Ivanov, E.E. Rakhilova, V.G. Krylova. Izv. AN SSSR, Ser. biol. 31 no. 4:594-597 JI-Ag '66.
Study of the reversible oxidation of chlorophyll and its derivatives by polarography. V.M. Kuturina, V.P. Solov'ov, V.I. Grigorovich. Dokl. AN SSSR 198 no. 2: 479-482 JI '66.
γ-Substituted palladium bis-acetylacetonates. Polarography, infrared and ultraviolet spectra. S.P. Gubin, L.I. Denisovich, A.Z. Rubzhev. Dokl. AN SSSR 198 no. 1:103-106 JI '66.
- POLEMICS**
The "today" of newspaper polemics. V.V. Uchenova. Vest. Mosk. un. Ser. II; Zhur. 21 no. 1:17-26 Ja-F '66.
- POLESYE—MINERALS**
Minerals of the heavy part of the sandy-aluminous fraction of covering Quaternary sediments in the White Russian Polesye. S.G. Dronashko, K.I. Lukashov, L.I. Matveeva. Dokl. AN SSSR 198 no. 7:472-476 JI '66.
- POLESYE—SCALE INSECTS**
Forage plants for Coccoidea (Insecta, Homoptera) in Ukrainian Polesye. IE.M. Terezhnykova. Dop. AN URSSR no. 7:961-965 '66.
- POLICE**
Informers and prosecutors in the system of Russian governmental organs in the first quarter of the 18th century. L.A. Steshenko. Vest. Mosk. un. Ser. 12; Pravo 21 no. 2:51-58 Mr-Apr '66.
- POLIOMYELITIS—COMPLICATIONS AND SEQUELAE**
Transplantation of the musculus erector spinae to the hip in paralysis of the musculus glutens maximus following poliomyelitis. IU. V. Ginzburg. Ortop., travm. i protez. 27 no. 7:9-15 JI '66.
- POLITICAL SCIENCE**
(see also subdivision under India)
[Chrestomathy on social sciences; for students of high schools and secondary specialized educational establishments] Khrestomatia po obshchestvovedeniiu; dlia uchashchikhsia srednikh shkol i srednikh spetsial'nykh uchebnykh zavedenii. Izd. 3. Moskva, Politizdat, 1966. 448 p.
The Second World War and the radicalization of social thought. V.I. Klovov. Ukr. ist. zhur. 10 no. 6:16-26 Je '66.
- POLITICAL SCIENCE—EXPERIMENTS**
Concept and scope of a pilot experiment in the field of government and law. V.V. Lazarev. Izv. vys. ucheb. zav.; prav. 10 no. 1:17-23 '66.
- POLITICAL SCIENCE RESEARCH**
In the study group of constitutional law and the development of the Soviet state. P. Mulenko. Vest. Mosk. un. Ser. 12; Pravo 21 no. 2:90 Mr-Apr '66.
- POLLEN**
Specific characteristics of the development of grass pollen. I.D. Romanov. Dokl. AN SSSR 198 no. 2: 456-459 JI '66.
Viability of hemp pollen. N.D. Migal', A.I. Arinshstein. Nauch. dokl. vys. shkoly; biol. nauki 0 no. 3:120-123 '66.
- POLLINATION** see Fertilization of plants
- POLONSKIE, VLADIMIR IVANOVICH, 1891-**
Professor V.I. Polonskiy on his 75th birthday and the 50th anniversary of his scientific and educational work. M.P. Kostenko and others. Elektricheskoe no. 7 JI '66.
- POLTAVA PROVINCE—AGRICULTURAL ADMINISTRATION**
Supervision of farming is the most important objective of the soviets. S. Komysheva. Rad. pravo 29 no. 8:20-22 Ag '66.
- POLTAVA PROVINCE—FARM PONDS**
Hydrogeochemical characteristics of pond waters in the northern regions of Poltava Province. V.S. Zatsupa. Dop. AN URSSR no. 7:824-828 '66.

POLTAVA PROVINCE—PHARMACEUTICAL SOCIETIES

Activity of the Poltava Province Branch of the Scientific Pharmaceutical Society. V. O. Kudelych. *Farmatsuv. zhur.* 25(1, e. 21) no. 4:60-91 '68.

POLTAVA PROVINCE—WATER—COMPOSITION

Hydrogeochemical characteristics of pond waters in the northern regions of Poltava Province. V. S. Zatsopa. *Dop. AN URSSR* no. 7:924-926 '66.

POLYAMIDES

Modification of the structure of polyamides with a phenol-formaldehyde oligomer. A. V. Ermolina, I. M. Abramova, V. A. Kargin. *Vysokom. soed.* 8 no. 8:1346-1350 Ag '66.

Synthesis and study of polyamido acids and polyimides based on dianhydride of 2,3,5,6-diphenyltetra-carboxylic acid and aromatic diamines. G. S. Kolesnikov and others. *Vysokom. soed.* 8 no. 8:1440-1444 Ag '66.

POLYETHYLENE

Dependence of cracking resistance of polyethylene articles on conditions of injection molding. V. V. Abramov, I. F. Kanavets. *Plast. massy* no. 8:43-45 '66.

Effect of molecular weight of polyethylene on strength of parts of pressure pipelines. D. F. Kagan, R. F. Lokshin. *Plast. massy* no. 8:66-68 '66.

Molecular-weight distribution of polyethylene prepared on the basis of the soluble catalytic system $(C_2H_5)_2TiCl_2 - AlR_3$. G. P. Belov. *Izv. AN SSSR, Ser. Khim.* no. 12:1273-1278 '66.

POLYGONUM

Anatomical study of *Polygonum coriarium*. R. G. Medvedeva, K. Zh. Bozhanova. *Trudy Inst. bot. AN Kazakh. SSR* 22:193-209 '66.

POLYMERIZATION

Butyllithium-based catalytic systems ensuring high conversion in the polymerization of chlorine-containing unsaturated monomers. B. L. Erusalimskii and others. *Dokl. AN SSSR* 169 no. 1:114-116 Ji '66.

Conversions of polyorganosiloxanes in the process of thermal polycondensation and catalytic polymerization. A. I. Petrasheko and others. *Izv. AN SSSR, Ser. Khim.* no. 7:1145-1154 '66.

Copolymerization of alkyl methacrylates by *n*-butyllithium. A. A. Korotkov, Z. A. Azimov, S. P. Mitsengender. *Izv. AN SSSR, Ser. Khim.* no. 7:1159-1164 '66.

Copolymerization of ethylene oxide with aceto-, benzo-, and acrylonitriles. A. A. Durgarian, R. A. Arakelian. *Vysokom. soed.* 8 no. 8:1321-1325 Ag '66.

Features of the polymerization course in an emulsion stabilized by nonionogenic emulsifiers. N. I. Vili'shanskaya, A. I. Urzhenko. *Dokl. AN SSSR* 168 no. 6: 1342-1345 Je '66.

Polycondensation of some dichlorides of phosphorus-containing acids with 2,2-di-(*hydroxyphenyl*) propane. D. Israelov, L. A. Rodivilova. *Vysokom. soed.* 8 no. 8: 1414-1417 Ag '66.

Polymerization of α -chloroacrolein. V. I. Bellayev and others. *Izv. AN SSSR, Ser. Khim.* no. 7:1251-1254 '66.

Polymerization of tetrafluoroethylene in aqueous solutions. E. F. Nosov, N. A. Kletmenov, A. M. Markevich. *Vysokom. soed.* 8 no. 8:1330-1335 Ag '66.

Polymers based on phosphonitrile chlorides and diphenol phenolates. S. M. Zhivukhin, V. V. Kireev, G. S. Tkhnova. *Plast. massy* no. 8:5-8 '66.

Preparation of coumarone-indene resins modified by carbazole. L. E. Kartinskii, L. P. Emel'yanova. *Koks i khim.* no. 5:51-54 '66.

Production of thermostable polyformaldehyde using cation-type catalysts. L. S. Shpil'nikskaya, N. V. Orlova. *Plast. massy* no. 8:5-8 '66.

Regulation of copolymer composition during the copolymerization of epichlorohydrin with acetonitrile in the presence of some catalysts. A. A. Durgarian, R. M. Beginian. *Vysokom. soed.* 8 no. 8:1326-1329 Ag '66.

Spontaneous polymerization of 1,2-dimethyl-5-vinylpyridinium methyl sulfate in aqueous medium. V. A. Kabanov, T. I. Patrikeeva, V. A. Kargin. *Dokl. AN SSSR* 168 no. 8:1350-1353 Je '66.

Study of the kinetics of the process of polycondensation of carbohydrates using the method of infrared spectroscopy. V. A. Kuz'menko, B. I. Sukhorukov. *Fiziol. zhur. [Ukr.]* 12 no. 4:537-540 Ji-Ag '66.

Synthesis and polymerization of triparavinylphenylantimony and triparavinylphenylantimony. M. M. Koton, F. S. Florinskii. *Dokl. AN SSSR* 169 no. 3:598-599 Ji '66.

Synthesis of polyoxamides by polycondensation of oligomers at the interface of immiscible liquids. G. I. Fedotova, S. A. Zakochchikov. *Vysokom. soed.* 8 no. 8: 1445-1449 Ag '66.

Synthesis of 2-hydroxy-3-chloropropyl cellulose ester and its polymer analog transformations. E. F. Sharkova, A. F. Virnik, Z. A. Rogovin. *Vysokom. soed.* 8 no. 8: 1450-1454 Ag '66.

POLYMERS

Alekhin, S. I., and others. [Polymers on North Caucasian Railroad] *Polimery na S.-K. zh. d. [Rostov-na-Donu]* Rostovskoe knizhnoe izd-vo, 1965, 61 p. [MICROFILM]

Barkalov, I. M. [Radiation and polymers] *Radistatsiya polimery.* Moskva, Znaniye, 1966. 46 p. (Novoe v zhizni, nauka, tekhnika. XI Seriya: Khimiya, no. 7)

Cationites and polyampholites based on copolymers of *N*-vinylsuccinimide and divinylbenzene. A. F. Nikolaev, S. G. Bondarenko. *Vysokom. soed.* 8 no. 8:1368-1372 Ag '66.

Deformation of crystalline polybutylene. V. A. Kargin, I. U. TSarevskaya. *Vysokom. soed.* 8 no. 8:1455-1459 Ag '66.

Effect of radiation on the adhesion of polymer coatings to aluminum. V. I. Kabanov and others. *Dokl. AN SSSR* 169 no. 1:146-149 Ji '66.

Effectiveness of some polymers on barley yield. A. I. Mosolova, E. A. Dmitriev. *Vest. Mosk. un. Ser. 6: Biol. poehv.* 21 no. 2:93-104 Mr-Ap '66.

Electron microscope study of multigrain copolymers. V. V. Korshak and others. *Vysokom. soed.* 8 no. 8:1365-1367 Ag '66.

Fluctuation theory of the strength of amorphous polymers. I. A. Buevich. *Mekh. tvor. tela* no. 3:155-159 My-Je '66.

Goroshkov, I. U. I., and L. T. Baranova. [Polymer materials in overhead contact systems] *Polimernye materialy v kontaktakh seti.* Moskva, Transpost, 1966, 120 p.

Oligoester acrylates based on xylite and some properties of their polymers. A. A. Borlin and others. *Plast. massy* no. 8:18-21 '66.

Oxidation of polymers in air during mechanical destruction. E. T. Kononchik, D. M. Rafailovich, I. L. Roikh. *Plast. massy* no. 8:72-73 '66.

Polyelectrolytes based on copolymers of α -phenylvinylphosphonic acid. A. B. Aloviddinov, A. S. Tevina, G. S. Kolesnikov. *Plast. massy* no. 8:21-23 '66.

Some properties of polyformaldehyde. G. I. Faidel', S. A. Vol'fon. *Plast. massy* no. 8:26-30 '66.

Stabilization of polysiloxanes by complex compounds of cerium. R. I. Kobzova, E. M. Oparina, N. K. Levkina. *Plast. massy* no. 8:31-32 '66.

Thermal degradation rate of peroxide monomers, polymers, and copolymers. T. I. Urzhenko, V. O. Puchin, O. O. Bol'san. *Dop. AN URSSR* no. 7:920-923 '66.

Two types of relaxation processes in vitreous polyarylates. A. A. Askadekili. *Vysokom. soed.* 8 no. 8:1342-1345 Ag '66.

Using polymer materials. S. V. Genel' and others. *Biol. tekhn. ekon. inform. Gos. nauch. iissl. inst. nauch. i tekhn. inform.* 10 no. 6:9-10 Je '66.

Vacuum metallizing of polymer powders. Their preparation, and thermomechanical and electric properties. V. B. Chernogorunko. *Porosh. met.* 6 no. 7:15-21 Ji '66.

POLYMERS—ELECTRIC PROPERTIES

Electroconductivity of certain polyene polymers. E. D. Gvarnashvili and others. *Elektron. ion. prota. v tver. tel.* no. 2:56-62 '66.

POLYMERS—SPECTRA

Highly unsaturated polymers. Report No. 10: Electron paramagnetic resonance spectra of polyazo polyarenes. N. M. Bazhin and others. *Izv. AN SSSR, Ser. Khim.* no. 7:1154-1159 '66.

POLYMERS—THERMAL PROPERTIES

Heat-resistant polymer from *B*-trimethyl-*N*-triphenylborazole. V. V. Korshak, N. I. Bekasova. *Vysokom. soed.* 8 no. 8:1363-1365 Ag '66.

POLYMERS, EFFECT OF RADIATION ON

Effect of γ -radiation on polyesters of adipic acid and diethylene glycol. N. P. Apukhtina and others. *Plast. massy* no. 8:80-82 '66.

Radiation cross-linking of the polyethylene insulation of cable materials on a larger scale. S. M. Borlani and others. *Atom. energ.* 21 no. 1:64-69 Ji '66.

POLYMERS, HIGH see Macromolecular compounds

POLYMORPHISM

Intermediate phases in the chromium-niobium system. L. N. Gusova, L. N. Rusanova. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:589-591 Ap '66.

POLYNOMIALS

A method of approximation of periodic functions by trigonometric polynomials. N. M. Pavlovskii. *Izv. vys. ucheb. zav.; mat.* no. 4:66-73 '66.

Two theorems on the approximation of functions by algebraic polynomials. S. A. Tolakovskii. *Mat. sbor.* 70 no. 2:252-265 Je '66.

Use of Jacobi polynomials in solving integral equations. G. I. Popov. *Izv. vys. ucheb. zav.; mat.* no. 4:77-85 '66.

POLYPLOIDY

Photoperiodic reaction of tetraploid and diploid radish plants. I. P. Savost'kin. *Izv. SO AN SSSR* no. 4. Ser. biol.-med. nauk no. 1:51-55 '66.

Polyploidy and aneuploidy in onion roots under the influence of phytoestrogenically active substances from the miltetite (*Vincetoxicum album* L.) extract. G. Akat'eva. *Genetika* no. 4:97-104 Ap '66.

Polyploidy and centrifugation. N. L. Delone. *Dokl. AN SSSR* 168 no. 8:1409-1410 Je '66.

POLYPROPYLENE

Organophosphorus stabilizers for polypropylene. D. A. Akhmedzade and others. *Plast. massy* no. 8:31-34 '66.

Oxidation of polypropylene stabilized by 4-methyl-substituted alkylphenols. L. I. Tashina and others. *Vysokom. soed.* 8 no. 8:1441-1443 Ag '66.

POLYPROPYLENE—ELECTRIC PROPERTIES

Effect of stabilizers on the dielectric properties of a polypropylene film. G. A. Ermolina, M. U. Naiman. *Elektrichesk. no. 7:82-83 Ji '66.*

POLYSACCHARIDES

Comparative study of the biological activity of some microbial polysaccharides. G. E. Vainberg. *Trudy eksp. biol. i med.* 61 no. 4:30-42 Ap '66.

Complexes of polysaccharides with oligonucleotides. A. N. Petrova, R. I. Filippova. *Dokl. AN SSSR* 169 no. 3:703-704 Ji '66.

Histochemical characterization of acid mucopolysaccharides in brucellosis. N. I. Tashina. *Dokl. AN SSSR* 43 no. 1:115-121 Ji '66.

Mechanical and chemical degradation of polysaccharides in the presence of sulfuric acid. Report No. 6. Optimal duration of the thermal effect. N. V. Chelov, N. N. Bilnova. *Izv. vuz. nauch. zav.; bio. zhur.* 10 no. 3: 140-144 '66.

Study of 2,3-methoxyderivatives of cellulose and synthesis of mixed polysaccharides, a cellulose esteracetate. G. N. Smolnova and others. *Vysokom. soed.* 8 no. 8: 1398-1400 Ag '66.

POLYSACCHARIDES—PHYSIOLOGICAL EFFECT

Polysaccharides on the stimulation of some indices of natural immunity. G. E. Arkadyev, M. A. Koshkin, Zhur. mikrobiol. i opbi. i immun. 43 no. 7:143-144 Ji '66.

POPULAR see subdivision under Kazakhstan

POPPY see subdivision under Kazakhstan

POPULISM (NAKODNICHESTVO)

From lives of revolutionary populists. Z. T. Taganov. *Sov. arkh.* no. 3:104-106 '66.

POROUS MATERIALS

Longitudinal hydrodynamic mixing in porous media with stagnant zones investigated by means of a radioactive signal. V. G. Levich, V. S. Markin, I. A. Chibrikova. *Dokl. AN SSSR* 168 no. 6:1364-1366 Je '66.

Rate of penetration of FeO- SiO_2 - Fe_2O_3 melts into capillary porous specimens of molten magnesium. M. A. Sherstobitov, S. I. Popel', B. V. Tsharevskii. *Trudy fiz. politekh. inst.* no. 245:67-70 '66.

POROUS MATERIALS, EFFECT OF TEMPERATURE ON heating porous materials during oxidation. E. T. Druzhenko. *Porosh. met.* 6 no. 7:45-49 Ji '66.

PORPHYRIN AND PORPHYRIN COMPOUNDS

Quasi-line electron spectra of metal derivatives of tetraphenylporphyrin and phthalocyanine. A. N. Gerasimov and others. *Dokl. AN SSSR* 169 no. 1:77-80 Ji '66.

Synthesis of chlorophyllin III. V. N. Lavkina and others. *Zhur. ob. khim.* 35 no. 7:1200-1210 Ji '66.

PORPHYRITES

Banding in the dikes of diabase porphyrites. A. G. Kazarian, E. V. Ananin. *Dokl. AN SSSR* 168 no. 2: 441-444 Ji '66.

PORTAL VEIN—LITERATURE

Changes in liver tissue respiration following disorders in the portal circulation. A. I. Nazarenko. *Fiziol. zhur. [Ukr.]* 12 no. 4:470-482 Ji-Ag '66.

POSTURE

Use of stabilography in clinical treatment of neural diseases. I. V. Terekhov, E. A. Morozova. *Zhur. nerv. i psikh.* 56 no. 8:1166-1162 '66.

POTASSIUM—EFFECT ON PLANTS see Plants, Effect of potassium on

POTASSIUM—PHYSIOLOGICAL EFFECT

Heat production in the acetylcholine and potassium concentrations of the abdominal muscle in frog. I. A. Lomov. *Dokl. AN SSSR* 169 no. 1:223-225 Ji '66.

POTASSIUM CHLORIDE CRYSTALS

Electron-microscopic study of potassium chloride crystals by transillumination. G. I. Natsvishvili, N. G. Politov, S. F. Gotta. *Elektron. ion. prota. v tver. tel.* no. 2:40-52 '66.

- POTASSIUM CHLORIDE CRYSTALS, EFFECT OF RADIATION ON**
Changes in the conductivity of KCl and LiF crystals due to radiation, E. L. Andronikashvili and others, Elektron, i ionopr. i tver. tel. no. 2:27-34 '65.
- POTASSIUM SUPEROXIDE**
Synthesis of potassium ozonide via potassium superoxide suspended in frozen H_2O , I. I. Volynets and others, Izv. AN SSSR, Ser. Khim. no. 7:1267-1269 '66.
- POTATO BEETLE—DISEASES AND PESTS**
Variant of *Bacillus thuringiensis* Berliner, pathogenic to Colorado beetle *Leptinotarsa decemlineata* Say, V. P. Prystavko, Dop. AN URSR no. 7:958-961 '66.
- POTATO HARVESTING MACHINERY**
Attachment to the harrow for supplying supplementary fertilizers for potatoes, I. Lev, Tekh. v sel'khoz. no. 6:87-88 Je '66.
- POTATO LATE BLIGHT** see subdivision under *Sikhain*
- POTATO MOSAIC VIRUS**
Comparative data on the sensitivity of indicator and serological methods in determining the concentration of potato virus X, M. I. Gol'din, A. V. Krylov, Izv. SO AN SSSR no. 4, Ser. biol.-med. nauk no. 1:145-148 '66.
- POTATO SCAB** see subdivision under *Kazakhstan*
- POTATO WART**
Aggressiveness of the pathogen of potato wart, V. I. Akovleva, L. S. Saltykova, Zashch. rast. II no. 7:51 '66.
- POTATOES**
Potato yield may be doubled, A. Lorkh, Agitator no. 6:46-50 Mr '64.
- Zhukova, G. S., B. A. Plesarov, and A. I. Kuznetsov.** [Cultivation practices for potatoes in basic zones of R. S. F. S. R.] Agrotekhnika kartofella v osnovnykh zonalakh RSFSR. Moskva, Rossel'khozizdat, 1964. 185 p. (MIEM)
- POTATOES—ANALYSIS**
Chemical composition of potatoes grown in various soils, K. K. Kudlo, Vestn. AN BSSR, Ser. sel'shap. nav. no. 2:36-41 '66.
- POTATOES—FERTILIZERS AND MANURES**
Supplementary fertilizers for row crops, L. M. Derzhavin, Zemledelie 28 no. 5:62-63 My '66.
- POTATOES—VARIETIES** see subdivision under *Alma-Ata Province*
- POTENTIAL, THEORY OF**
Neutron states in a deformed optical potential, P. E. Nemirovskii, V. A. Chepurinov, Izd. fiz. 3 no. 6:998-1010 Je '66.
- Some aspects of potential theory, I. N. Karlsivadze, Trudy Vych. tsentra AN Gruz. SSR 6:353-68 '65.
- Transformation operators and the scattering function in the case of high singular potential, F. S. Rofe-Beketov, E. Kh. Khristov, Dokl. AN SSSR 169 no. 6:1265-1268 Je '66.
- POTENTIOMETRIC ANALYSIS**
Standard potentials in nonaqueous media and extraction equilibria, L. M. Gidlin, B. I. Poshchevitskii, V. M. Shumman, Dokl. AN SSSR 169 no. 3:614-615 Ji '66.
- POULTRY—DISEASES AND PESTS**
Pathomorphology of some chicken diseases, M. T. Kleinbok, V. A. Suleimina, Vestn. sel'khoz. nauki [Kazakh.] 9 no. 7:90-95 Ji '66.
- POULTRY—EMBRYOLOGY** see *Embryology—Poultry*
- POULTRY—FEEDING AND FEEDS**
Biochemical bases of using colamine (monoamino ethanol) as a new growth stimulator for animals, G. V. Kamaiten, Khim. v sel'khoz. 4 no. 7:41-45 Ji '66.
- Digestibility of ration nutrients of various mixed feeds by laying hens, V. F. Lomesh, B. S. Lauryanovich, Vestn. AN BSSR, Ser. sel'shap. nav. no. 2:97-103 '66.
- POULTRY HOUSES AND EQUIPMENT**
Automatic control of the lighting at poultry farms, V. Murzin, Tekh. v sel'khoz. 26 no. 6:42-44 Je '66.
- POWDER METAL PROCESSES**
Methods of measuring pressure during the pressing of powders, G. I. Aksentov, V. P. Reviakin, Porosh. met. 6 no. 7:93-96 Ji '66.
- Using the method of dynamic hot compression in the production of ceramic metals, III, G. Dorofeev, N. T. Zherditskii, Porosh. met. 6 no. 7:23-31 Ji '66.
- POWDER METALLURGY**
Diffusion in heterogeneous solids, V. V. Ogorednikov, T. G. Kutsenok, Porosh. met. 6 no. 7:57-61 Ji '66.
- Investigating the preparation of nickel powder by electrolysis, A. V. Ponomarev, A. A. Ilna, I. B. Murashova, Porosh. met. 6 no. 7:1-9 Ji '66.
- POWDER METALLURGY AND ITS IMPORTANCE IN NUCLEAR ENGINEERING**, G. A. Meerson, Atom. energ. 21 no. 1:67-71 Ji '66.
- Studying conditions for the preparation of chromized iron powder by the method of diffusive saturation from solid, chromium-containing charge mixtures, Report no. 2, I. D. Radomyseva, S. G. Napara-Volgina, Porosh. met. 6 no. 7:10-14 Ji '66.
- POWDER METALLURGY—EQUIPMENT AND SUPPLIES**
Use in foreign countries of chamber, drum, and conveyor furnaces for powder metallurgy, G. L. Fridman, Porosh. met. 6 no. 7:88-92 Ji '66.
- POWER ENGINEERING**
Determining the optimum operating conditions for a complex power system using medium voltages and power values of various sections of an electric network, B. V. Kholmskii, A. N. Morozov, Izv. vyz. ucheb. zav., energ. 9 no. 7:1-5 Ji '66.
- Evaluation of the construction principles of remote control systems used in power engineering, B. K. Skirina, Energ. i elek. no. 3:26-30 My-Je '66.
- Probability estimate of the stability of power systems in the case of short circuits, P. A. Kats, E. A. Marchenko, I. D. Sadovskii, Izv. vyz. ucheb. zav., energ. 9 no. 7:16-13 Ji '66.
- Through the pages of trade journals, Prom. energ. 21 no. 6:46 Je '66.
- Use all potentials in the successful fulfillment of the five-year plan, Prom. energ. 21 no. 6:2-4 Je '66.
- POWER ENGINEERING—BIBLIOGRAPHY** see *Bibliography—Power engineering*
- POWER ENGINEERING—CONGRESSES**
Respublikanskoe soveshchanie energetikov Kirgizii. 1st, Frunze, 1960. [First Republic Conference of the Power Workers of Kirghizia; basic materials] Pervoe Respublikanskoe soveshchanie energetikov Kirgizii; osnovnye materialy. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 74 p. (NIC)
- POWER ENGINEERING—TECHNOLOGICAL INNOVATIONS**
Innovators of the Krasnoyarsk Power Industry Administration are fighting for technological progress, Prom. energ. 21 no. 6:41-42 Je '66.
- POWER PRESSES**
Auger press for the manufacture of phonograph records, P. M. Kozlov, N. A. Trifonova, Trudy VNAIZ no. 6:136-147 '61.
- Increasing durability of hydraulic support parts of crank-pipe press, A. S. Malkin, Tekh. i org. proizv. no. 1:15-16 Ja-F '66.
- POYMA VALLEY—TAIGAS**
Taiga of the upper Poyma Valley (the eastern Sayan Mountains), G. A. Zvereva, Izv. SO AN SSSR no. 4, Ser. biol.-med. nauk no. 1:17-13 '66.
- PRANGLI ISLAND—PALYNOLOGY**
Results of spore-pollen analysis of intermoraine marine sediments on Prangli Island (Estonia), E. Litvinak, I. Vait, Biol. Koni. chetv. per. no. 3:117-118 '66.
- PRASEODYMIUM COMPOUNDS**
X-ray diffraction examination of praseodymium selenides, E. I. Idrimbash and others, Izv. AN SSSR, Neorg. mat. 2 no. 6:994-999 Je '66.
- PRASEODYMIUM SELENITE**
Heat of formation of praseodymium selenite, A. I. Maler, I. U. L. Suponitskii, M. Kh. Karapet'ants, Izv. AN SSSR, Neorg. mat. 2 no. 4:776-780 Ap '66.
- PRECAST CONCRETE CONSTRUCTION**
Vsesoyuznyi institut po proekirovaniu organizatsii energeticheskogo stroitel'stva "Orgenergostroi." [Bibliographic abstracts index: "Use of precast reinforced concrete elements in the construction of thermal electric power plants"] Bibliograficheskii referativnyi ukazatel' "Primenenie sbornyykh zhelezobetonnykh konstruktiv pri sooruzhenii teplovyykh elektrostantsii." Moskva, 1965. 200 p.
- PRECAST CONCRETE CONSTRUCTION—FORMWORK**
Moscow, Nauchno-issledovatel'skii institut betona i zhelezobetona. [Steel formwork for precast reinforced concrete; calculation, construction, testing] Stal'nye formy dlia sbornogo zhelezobetona; raschet, konstruirovaniye, ispytaniya. Pod red. V. V. Mikhailova. Moskva, Stroizdat, 1966. 172 p.
- PRECIPITATION (METEOROLOGY)**
Forecasting the monthly amount of precipitation, N. A. Bagrov, Meteor. i gidrol. no. 7:3-12 Ji '66.
- PRECIPITATION (METEOROLOGY)—MEASUREMENT**
Objective statistical methods for determining the characteristics of showers, G. A. Alekseev, Meteor. i gidrol. no. 7:22-27 Ji '66.
- Results of rainfall measurements by radar with a correction for distance, L. M. Volynets, M. L. Markovitch, V. A. Muchnik, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 6:617-629 Je '66.
- PRECISION CASTING**
Determining the efficiency of precision casting, V. I. Chervonets, Izd. proizv. no. 5:21-15 My '66.
- Effect of certain factors strength of investment molds in precision casting, V. M. Perepeleva, Trudy Ural. politekh. inst. no. 145:147-151 '65.
- Studying metal temperature fields and block shapes with hollow sprues during precision casting, L. A. Shesteglovitov, G. M. Dubitskii, Trudy Ural. politekh. inst. no. 145:136-146 '65.
- Using investment casting in preparing precise billets, I. G. Tanklevskii, V. A. Trufilak, Tekh. i org. proizv. no. 1:41-43 Ja-F '66.
- PREGNANCY**
Histochemical characteristics of adrenalectomized and non-adrenalectomized in utero wall and placenta at various pregnancy periods in white rats, G. I. Malsada, Soub. AN Gruz. SSR 43 no. 1:217-220 Ji '66.
- PREGNANCY, COMPLICATIONS OF**
Changes in erythropoiesis during pregnancy, S. I. Rikhov and others, Sov. med. 29 no. 5:112-117 My '66.
- PRELIMINARY EXAMINATIONS (CRIMINAL PROCEDURE)**
Distinctions in the evaluation of evidence at different stages of preliminary examinations, L. M. Karaceva, G. M. Genrikhev, Sov. gos. i pravo 35 no. 8:74-76 Ag '66.
- PRENATAL INFLUENCES**
Petrov-Maslakov, M. A., ed. [Effect of complications of pregnancy and labor on the health of children during their first years of life] Vliyanie oslozhnenii beremennosti i rodov na zdorov'e detei pervykh let zhizni. [Leningrad] Meditsina, 1960. 205 p. (DNLM)
- PRESS** see subdivision under *Algeria*
- PRESSED GLASS**
Orlov, A. N., L. D. Shaposhnikov, and I. I. Ermakov. [Press-and-blow automatic glass forming machines] Presso-vyduvnye stekloformulatsionnye avtomaty. Moskva, Legkaya Industriya, 1960. 224 p. fold. diagrs. (Inser)
- PRESSURE**
Effect of low permeability of reservoir rocks on the character of pressure buildup curves, G. F. Giletti, Neftprom. delo no. 5:3-6 '66.
- Interpretation of the conception of pressure in a liquid from the viewpoint of power engineering, P. A. Dandachev, Izv. vyz. ucheb. zav., energ. 9 no. 7:103-106 Ji '66.
- Using the method of least squares for calculating reservoir pressure, Ch. T. Khalilulla, I. G. Teterov, Neftprom. delo no. 7:13-15 '66.
- PRESSURE—MEASUREMENT**
Determining formation pressures without shutting in wells, P. K. Stralymov, Izv. vyz. ucheb. zav. i gorn. i g. 9 no. 3:45-50 '66.
- Methods of measuring pressure during the pressing of powders, G. I. Aksentov, V. P. Reviakin, Porosh. met. 6 no. 7:93-96 Ji '66.
- Use of the free piston method in measuring pressures up to 100 kilobars, L. F. Vereshchagin and others, Dokl. AN SSSR 169 no. 1:74-76 Ji '66.
- PRESSURE VESSELS**
Quickly dismountable device for joining and sealing flanged h-p vessels, I. S. Pincusov, G. I. Nekrasov, Neft. i gaz. prom. no. 2:22-23 Mr-Ap '66.
- PREVENTION OF CRIME** see *Crime prevention*
- PRICES**
(see also subdivision under *United States*)
Kornik, I. I. [Money during the period of the building of a communist society] Den'gi v period stroitel'stva kommunisticheskogo obshchestva. Moskva, Finansy, 1960. 235 p.
- Novosibirsk, Bel'skikhkhokhozhaisvennyi institut. [Problems of price formation during period of large-scale building of communism] Problemy tsenooobrazovaniya v period razvernutoy stroitel'stva kommunizma. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 173 p. (CS-11)
- Problems of price determination in Union Republics, A. Zav'itkov, Plan. khoz. 43 no. 8:64-66 Ag '66.

PRINTING—TECHNOLOGICAL INNOVATIONS

Activity of printers. O. Rozum. NTO 8 no. 6:40 Je '66.

PRINTING INDUSTRY—see subdivision under Komi A.S.S.R.

PRINTING INDUSTRY—ACCOUNTING

Russia (1923- U.S.S.R.) Tsentral'noe statisticheskoe upravlenie. [Instruction for the preparation of monthly reports on carrying out production plans in printing industry enterprises. Effective as of January 1, 1955.] Instruktsiya k sostavleniyu ezhe mesyachnykh otchetov o vypolnenii plana po produktii predpriyatiy poligraficheskoi promyshlennosti. Vvoditsya v delistvie s 1 yanvaria 1955 g. Moskva, Kniga, 1954. 46 p.

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhur. Tekh. i obr. tsel. -bum. i poligr. proizv. no. 6 Je '66.

PRINTING INDUSTRY—MANAGEMENT

Tsigal'man, T. E. [Operation and production planning in printing enterprises] Operativno-proizvodstvennoe planirovaniye na poligraficheskikh predpriyatiyakh. Moskva, kniga, 1956. 197 p.

PRINTING MACHINERY AND SUPPLIES

Tiurin, A. A. [Printing machines] Pechatnyye mashiny. Moskva, Kniga, 1956. 459 p. (Konstruktsii i raschet poligraficheskikh mashin)

PRIPET VALLEY—MINES AND MINERAL RESOURCES

Lukashev, K. I., and A. S. Makhnach. [Pripet depression, a mineral treasure of White Russia] Pripiatskaya vpadina-sokrovishchnitsa nebr Belorussii. Minsk, Nauka i tekhnika, 1956. 136 p.

PROBABILITIES

Approximate solution of random linear equations. M. B. Gagua. Trudy Vych. tsentra AN Gruz. SSR 6:3:39-46 '65.

Maximum k-decomposable sets of permutations of the n-th power. S. S. Kisilitsya. Sib. mat. zhur. 7 no. 4: 825-831 Ji-Ag '66.

Measures in linear spaces. G. E. Shilov. Dokl. AN SSSR 169 no. 1:46-48 Ji '66.

PROBLEM OF THREE BODIES

Problem concerning the Coulomb disintegration of a deuteron as a particular case of the problem of three bodies. V. A. Zhmalo. Izd. fiz. 3 no. 6:1022-1031 Je '66.

The problem of three bodies. An equation for partial waves. A. M. Badalian, I. A. Simonov. Izd. fiz. 3 no. 6:1032-1047 Je '66.

PROCEDURE (LAW)

Strict observance of procedural laws is a guarantee for well-grounded judicial judgments. T. Ponoriko. Rad. pravo 29 no. 6:23-26 Ag '66.

PRODUCE TRADE

Forward contractual agreements for the sale of agricultural products. I. A. Glikin. Sov. potrebn. koop. 10 no. 6:37-59 Je '66.

PRODUCTION CONTROL

Problems of analysis of production volume, taking into consideration its quality. M. Rubinov. Fin. SSSR 40 no. 7:44-49 Ji '66.

PRODUCTION ENGINEERING

(see also subdivision under Lvov)

Efficiency of unification and ways for its increase. M. L. Rainer. Stand. i kach. 30 no. 3:61-65 Mr '66.

Perfect organization of production and quality of output. A. D. Lebedev. E. N. Iosadskiy. Tekh. i obr. tsel. -bum. i poligr. proizv. no. 6 Je '66.

Ershov, V. N., G. I. Rassokhin, and E. A. Anovskii. [Capacity parametrons] Enkossinye parametry. Moskva, Vychislitel'nyi tsentr AN SSSR, 1956. 258 p. (Trudy Vychislitel'nogo tsentra)

Krinitskii, N. A., G. A. Mironov, and G. D. Frolov. [Programming] Programirovaniye. Izd. 2., pererab. i dop. Moskva, Nauka, 1956. 599 p. (Spravochnaya matematicheskaya biblioteka)

Pokrovskii, A. P., and E. V. Sarlingulian. [Mathematical machines and programming] Matematicheskie mashiny i programirovaniye. Moskva, Mosk. in-t radioelektroniki i gornoi elektromekhaniki.

No. 1. [Elements of computer techniques] Elementy vychislitel'noi tekhniki. 1955. 171 p. [MICROFILM]

Universal programming unit for liquid processes. I. I. Luzin. Mekh. i avtom. proizv. 20 no. 7:34-35 Ji '66.

PROGRAMMING (MATHEMATICS)

Equivalency of concave-convex antagonistic games to mathematical programming problems. V. N. Lebedev. Izv. AN SSSR Tekh. kib. no. 2:32-38 Mr-Ap '66.

Reduction of a problem on the determination of a permissible integral (Boolean) solution to a problem of concave programming. M. V. Rybachov, E. E. Dudnikov. Izv. AN SSSR Tekh. kib. no. 2:39 Mr-Ap '66.

Solution of nonlinear convex problems in mathematical programming using electronic modeling devices. V. P. Lomakin, D. A. Kominskaya, V. A. Polnikov. Izv. AN SSSR Tekh. kib. no. 3:32-37 My-Je '66.

PROMEDOL

Microcrystallographic reactions to promedol. A. V. Znaevskaya, Farmatsev. zhur. 20 [v. 2] no. 4:52-54 '66.

PROPANE

Polycondensation of some dichlorides of phosphorus-containing acids with 2,2-di-(4-hydroxyphenyl) propane. D. Ierashov, L. A. Rodvilova. Vysokom. soed. 8 no. 8: 1414-1417 Ag '66.

PROPANOL

Protective diacetyl action in an acute radiation disease. S. E. Manolov, A. V. Granikova. Radiobiologiya 6 no. 7:1030 '66.

PROPELLERS

Calculations based on the vortex theory of propeller action during the rolling of the ship. V. B. Lipla. Trudy TSNIIMF no. 72: 71-97 '66.

Effect of the form of the vortex system of the propeller on the hydrodynamic characteristics of the propeller - Kort nozzle complex. I. U. I. Pomenko. Trudy TSNIIMF no. 72: 60-70 '66.

Effect of transient states on the hydrodynamic characteristics of the propeller during the initial period of reversal. M. A. Greshin. Trudy TSNIIMF no. 72: 53-59 '66.

Ignat'ev, M. A. [Propellers of ships sailing in ice-infested waters; design characteristics] Grolnye vinty sudov ledovogo plovaniya; osobennosti projektirovaniya. Leningrad, Sudostroenie, 1956. 113 p. diagrs. (insert)

PROPENE

Modification of structure and properties of polyolefins; effect of radiation on ethylene and propylene copolymers. A. G. Sirota and others. Plast. massy no. 8:58-60 '66.

PROPENETHIOL

Reaction of phosphorus trichloride with propylene sulfide. O. N. Nuredinova. Izv. AN SSSR Ser. Khim. no. 7:1255-1256 '66.

PROPERTY

Problems of joint ownership in the trial practice. H. Slesareva-Kyrl. Rad. pravo. 29 no. 2:36-37 P '66.

PROPHECIES

Meltukhin, S. T. [Is it possible to foresee the future?] Mozhno li predvidet' budushchee? Moskva, Znanie, 1956. 47 p. (Novoe v zhizni, nauka, tekhnika, XII Seriya: Estestvoznamenie i religiya, no. 5)

PROPIONIC ACID BACTERIA—CULTURES AND CULTURE MEDIA

Effect of carbonyl reagents on the biosynthesis of vitamin B12 and porphyrins by resting Propionibacterium shermanii cells. V. I. Bykhovskii, N. I. Zaitseva, G. V. Mantrova. Dokl. AN SSSR 169 no. 6:1415-1418 Je '66.

PROPORTIONING EQUIPMENT

Automatic weight proportioning device for conveyor loading of blast furnaces. A. I. Angeli, V. A. Koval', Mekh. i avtom. upr. no. 3:7-8 My-Je '66.

PROSPECTING

(see also subdivision under Kounradskiy region, Kazakhstan)

Comparison of data of spacing methods and variation statistics based on materials of testing vein bodies. I. U. T. Usikov. Izv. vys. ucheb. zav.; geol. i razv. 6 no. 6:64-70 Je '66.

Genesis and prospecting-evaluation preconditions of the manifestation of optical calcite in Tava. N. P. Lomkov. Trudy VNIIP [ANS] 1 no. 1:61-66 '57.

Skvortsov, G. G., and L. I. Romanovskaya. [Studies and prognosis in prospecting for mineral deposits from viewpoint of engineering geology; intended for development by method of strip mining] Inzhenerno-geologicheskoe issledovanie i prognozy pri razvedke mestonahozhdenii poleznykh iskopaemykh dannonchennykh k razrabotke okrytykh zonyon. Moskva, Nedra, 1956. 159 p. (Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut gidrogeologii i inzhenernoi geologii. Trudy, no. 13)

PROSPECTING—ACCOUNTING—see subdivision under Lvov

PROSPECTING—ECONOMIC ASPECTS

Changes in the order of planning, prospecting, and mining research in geological organizations. A. D. Gerasimov, I. E. Pikhovskiy, V. I. Kononov. Razved. i okup. 32 no. 4:42-45 Ap '66.

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Altai Mountains)

Basic structures in the northern part of the Charyn section, based on geophysical data. H. A. Seregin. Neftgaz. geol. i geofiz. no. 6: 33-35 '66.

First results of the fulfillment of the seven-year plan of geological prospecting. V. I. Kuz'menkov. Razved. i okup. 32 no. 3:1-9 '66.

Sokolov, K. P. [Geophysical methods of prospecting] Geofizicheskiye metody razvedki. Leningrad, Nedra, 1956. 463 p.

Twentieth anniversary of Department of Geophysics. Prospecting Methods. A. S. Semenov. Vost. i zap. 31 no. 12:139-151 '66.

PROSPECTING—SAFETY MEASURES

(see also subdivision under Kransoyarak Territory)

Rumak (1923- U.S.S.R.) Osnovnyye voprosy bezopasnosti nefteobrabatovatel'nykh promyshlennostey. [Instructions on safety techniques in conducting field geophysical work] Instruktsiya po tekhnike bezopasnosti pri provedenii promyslovyykh geofizicheskikh rabot. Izd. 2., dop. Moskva, Nedra, 1955. 47 p.

PROSPECTING—STATISTICS

Pakhlov, V. D. [Statistics of geological prospecting work] Statistika geologorazvedchynykh rabot. Izd. 2., dop. Moskva, Nedra, 1956. 200 p.

PROSTHESES

Characteristics of the preparation for prostheses following lesions and diseases of the optical canal. L. A. Kozlovskiy. Ortop. i travm. i protez. 27 no. 2:104-111 '66.

Reconstructive surgery and prostheses in congenital hypoplasia of the lower extremity. V. V. Shney, M. G. Shumakov. Ortop. i travm. i protez. 27 no. 2:104-111 '66.

PROTAMINES

Effect of protamine and lauric acid on the activity, dimerization, and crystallization of phospholipase in a rabbit muscle. G. V. Shumova, N. P. Lomovskaya, V. I. Pikhovskiy. Dokl. AN SSSR 169 no. 2:481-484 Ji '66.

PROTECTION OF PLANTS—see Plants, Protection of

PROTECTIVE ATMOSPHERES

Bykhovskii, D. G. [Characteristics of using commercial nitrogen in gas-arc cutting] Osobennosti primeneniya tekhnicheskogo azota pri gazoelektricheskoi razreze. Leningrad, 1956. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennoye i nauchno-issledovatel'skoye formirovaniye)

Welding in an atmosphere of inert gases of stainless steel in a nonrotation pipe joints of "avial" type steel. S. R. Kiselev, V. S. Pichugin. Svar. proizv. no. 6:34-35 Je '66.

PROTECTIVE COATINGS

Anticorrosion reinforced layer on friction surfaces of parts. P. I. Nagorniy. Tekh. i org. proizv. no. 1: 7-9 Jan '66.

Effect of protective coatings on the properties of reinforced coatings. M. I. Zaslavskiy. Zashch. met. 2 no. 3:366-367 My-Je '66.

Using protective coatings in the soda industry. A. I. Yastoronko, I. D. Volkova. Zashch. met. 2 no. 3:312-374 My-Je '66.

PROTEIN METABOLISM

Effect of the section of vagus nerves on the myocardial protein metabolism in dogs. G. V. Chernysheva. Hist. eksp. biol. i med. 62 no. 7:52-55 Ji '66.

PROTEINS

Changes in the optical density of tissue protein solutions of some freshwater animals no related to the environmental salinity. V. V. Khichikov. Tsitologiya 8 no. 3:401-404 My-Je '66.

Decay of nicotine-C14 in relation to protein biosynthesis. G. S. Lipin. Dokl. AN SSSR 169 no. 1:332-334 Ji '66.

PROTEINS (Continued)

- Effect of protein on the radiosensitivity of deoxyribonucleic acid. T. S. Uskovskaya and others. *Radio-biologiya* 6 no. 4:491-494 '66.
- Genetic coding of protein structure. Report No. 2. M. V. Vol'kenshtein. *Genetika* no. 4:119-122 Apr '66.
- Possible sources of different duration of stimulated fluorescence state in protein solutions. S. V. Konev and others. *Dokl. AN SSSR* 10 no. 7:500-502 Jul '66.
- Quantitative relationship between proteins and DNA in deoxyribonucleoproteins of the plague microbe. M. L. Bekker. *Dokl. AN SSSR* 168 no. 5:1100-1101 Jun '66.
- Relationship between thermostability levels of various proteins in the same species of a series of poikilothermic animals. B. P. Ushakov and others. *TSitologiya* 8 no. 3:358-364 May-June '66.

PROTEINS IN THE BODY

- Amino acid composition of soluble proteins in malignant tumors of the stomach and their functions. M. N. Tag-mizian. *Biol. zhur. Arm.* 19 no. 6:23-28 Jun '66.
- Dynamics of changes in hepatic enzymatic systems under conditions of choline-protein insufficiency. A. A. Pokrovskii, A. I. Shcherbakov. *Arkh. pat.* 28 no. 6:45-50 '66.
- Use of infrared spectroscopy in the study of proteins of the cerebrospinal fluid. V. A. Cherkasova. *Trudy TSU* 81: 8-12 '65.

PROTEUS (BACTERIA GENUS)

- Mixed food toxoinfection caused by pathogenic *Staphylococcus* and *Proteus*. P. M. Gribovskii, G. O. Taras'yan, I. M. Kharina. *Zhur. mikrobiol., epid. i immunit.* 43 no. 8:95-99 Aug '66.

PROTONS

- Angular distributions and number of cascade nucleons emitted by nuclei interacting with 600 Mev. protons. V. A. Konshin, E. S. Matusevich, V. I. Regunovskii. *IAd. fiz.* 4 no. 2:337-341 Aug '66.
- Elastic scattering of γ -quanta by protons at energies above the π -meson photoproduction threshold. P. S. Baranov and others. *IAd. fiz.* 3 no. 6:1083-1092 Jun '66.

PROTOPLASM

- Microtubules of the cytoplasm. I. B. Tokin, P. Belikh. *Dokl. AN SSSR* 168 no. 5:1103-1105 Jun '66.
- Symposium on problems "Protoplazmaticheskie membrany i ikh funktsional'naya rol'" [1st, Kiev, 1964]. [Protoplasmic membranes and their functional role; transactions of First Symposium on Problems of General Physiology] Protoplazmaticheskie membrany i ikh funktsional'naya rol'; trudy Pervogo Simpoziuma po voprosam obshchego fiziologii. Kiev, Naukova dumka, 1965. 265 p.

PROTOZOA see subdivision under Black Sea

PROVERBS

- Kuznetsova, Anna, comp. [One does not speak without a proverb; collection of Russian proverbs] *Bez poslo-vitsy rechi ne molvitsia; sbornik russkikh poslo-vits.* Munich, [N. Alimov] 1964. 37 p. (Mau)

PRUNE

- Differences in vegetative and generative buds, leaves, wood, and fruit of prune. S. M. Minasian, A. S. Asratyan. *Biol. zhur. Arm.* 19 no. 6:10-17 Jun '66.

PRUT VALLEY—AGRICULTURE

- Travushkin, V. Kagul. Kishinev, Karla moldovenaska, 1966. 60 p. illus.

PRUT VALLEY—MOLE RAT

- Mole rat *Spalax graecus* from right bank of Prut River, its range and morphological characteristics. K. I. Ianholenko. *Dop. AN URSR* no. 7:885-886 '60.

PSEUDOMONAS

- Infection in hospitals caused by *Pseudomonas pyocyanea*; a review. A. K. Akatov. *Zhur. mikrobiol., epid. i immunit.* 43 no. 7:39-41 Jul '66.

PSEUDOMONAS—CULTURES AND CULTURE MEDIA

- Participation of acetic acid in the formation of glutamic acid by *Pseudomonas liquefaciens* culture. V. N. Shaposhnikov, I. G. Orlova. *Izv. AN SSSR, Ser. biol.* 31 no. 4: 517-524 Jul-Aug '66.

PSEUDOURIDINE

- Effect of whole-body X-ray irradiation on the excretion of pseudouridine with animal urine. N. A. Fedorov, A. S. Kosenko. *Radio-biologiya* 6 no. 4:534-537 '66.

PSYCHIATRY

- Psychology and psychiatry. V. N. Maslachev. *Zhur. nevro. i psikh.* 60 no. 8:1208-1214 '66.

PSYCHIATRY—BIBLIOGRAPHY see Bibliography—Psychiatry

PSYCHOANALYSIS

- Cherkasov, S. M. [True essence of neo-Freudianism] *Istinnaya suzhdenost' neofreйдizma.* Leningrad, Ob-vo "Znanie" RSFSR, 1966. 39 p.

PSYCHOALGALVANIC REFLEX see Galvanic skin response

PSYCHOLOGICAL RESEARCH

- Electronic tachistoscope. D. G. El'tin, A. A. Nikolaev. *Vop. psikh.* 12 no. 3:179-180 May-June '66.

PSYCHOLOGY

- Approach of historical materialism to the problem of specifically human needs. Laszlo Garai. *Vop. psikh.* 12 no. 3:61-73 May-June '66.
- Neuropsychology and its significance for science of psychology. A. R. Larin. *Zhur. nevro. i psikh.* 60 no. 8: 1120-1132 '66.
- Psychology and psychiatry. V. N. Maslachev. *Zhur. nevro. i psikh.* 60 no. 8:1208-1214 '66.
- 23d Congress of the CPSU and the tasks of the science of psychology. *Vop. psikh.* 12 no. 3:3-9 May-June '66.

PSYCHOLOGY—CONGRESSES

- The 16th International Congress of Psychology. *Vop. filos.* 20 no. 7:49-50 '66.
- International psychological congresses. O. M. Tutundzhian. *Vop. psikh.* 12 no. 3 May-June '66.
- Progress in psychology and the international congresses of psychology. M. G. Iaroshevskii. *Vop. filos.* 20 no. 7:51-71 '66.
- World meeting of psychologists. *Nov. vrem.* 24 no. 34:29-30 Aug '66.

PSYCHOLOGY—STUDY AND TEACHING

- Kovalev, A. G., A. A. Stepanov, and S. N. Shatalin eds. [Psychology; a textbook for pedagogical institutes] *Psikhologiya; uchebnoe posobie dlia pedagogicheskikh institutov.* Moskva, Prosveshchenie, 1966. 450 p.

PSYCHOLOGY OF LEARNING see Learning, Psychology of

PSYCHOPHARMACOLOGY

- Electrophysiological changes in the brain of rats affected by the psychotropic preparation VL-2. A. F. Semiozhina, D. D. Ivanov, A. N. Gotabitsa. *Nauch. dokl. vya. shkoly; biol. nauki* 9 no. 3:88-92 '66.

PSYCHOSES

- Hallucinative paraphrenia. E. S. Petrova. *Trudy TSU* 81: 97-101 '65.
- Motion picture on psychoses. L. M. Sukharevskii. *Zhur. nevro. i psikh.* 60 no. 8:1285-1286 '66.

PSYCHOTHERAPY

- Vsesoyuznoe soveshchanie po psikhoterapii, 2d. 1966. [Problems of psychotherapy; authors' abstracts of reports] *Voprosy psikhoterapii; avtoreferaty dokladov.* Pod red. V. M. Banskikhova i M. S. Lebedinskogo. Moskva, Vses. ob-vo nevropatologov i psikhiatrov, 1966. 237 p. (DNLM)

PSYCHOTROPIC DRUGS see Psychopharmacology

PUBERTY

- Concept of puberty. P. P. Ostrov. *Sud.-med. eksp.* 9 no. 3:29-31 Jul-S '66.
- Nonconformity of puberty and age in males. B. M. Semenov. *Sud.-med. eksp.* 9 no. 3:31-34 Jul-S '66.

PUBLIC DEBTS see Debts, Public

PUBLIC DEFENDERS

- The role of public defenders in criminal procedure. D. Suslov. *Rad. pravo* 20 no. 8:66-69 Aug '66.

PUBLIC HEALTH

- (see also subdivision under Turkmenistan)
- Russia (1923- U.S.S.R.) *Tsentral'nyi gosudarstvennyi arkhiv Otkrit'skoi revoliutsii, vysshikh organov gosudarstvennoi vlasti i organov gosudarstvennogo upravleniya SSSR.* [Establishment and development of the public health system in the first years of Soviet power, 1917-1924; a collection of documents and materials] *Stanovlenie i razvitiye zdoravookhraneniya v pervyye gody Sovetskoi vlasti 1917-1924 gg.; sbornik dokumentov i materialov.* Redkollegiya: M. I. Barsukova, A. S. Dremov, A. P. Kuroptov. Moskva, Meditsina, 1966. 544 p.
- Some data on the analysis of indices of morbidity with temporary loss of working capacity. S. R. Dikhtlar. *Sbor. nauch. trud. SOGM* no. 11:235-241 '64.

PUBLIC PROSECUTORS

- (see also subdivision under Gorky Province; Lvov Province; Moscow; Orenburg; Ukraine; Union Republics)

- From the supervisory work of public prosecutors. *Rad. pravo* 20 no. 2:40 F '66.

- In the Collegium of the Procurator of the U.S.S.R. *Sots. zakon.* no. 5:78-79 May '66.

- Organization of courts and procuracy in the U.S.S.R. D. Karev. *Sov. iust.* 30 no. 10:20-30 May '66.

- Pопова, E. V. [Procuratorial supervision over the implementation of laws on the protection of socialist property] *Prokurorskiy nadzor za ispolneniem zakonov ob okhrane sotsialisticheskoi soblastennosti.* Pod red. G. P. Toropova. Moskva, Iuridicheskaya literatura, 1966. 102 p.

- Procuratorial supervision practice. *Sots. zakon.* no. 5: 85-90 May '66.

- Public prosecutor's speech opening his presentation of a criminal case. A. Ryvlin. *Rad. pravo* 20 no. 3:38-41 F '66.

- A useful book. I. U. Kalinisev. *Sots. zakon.* no. 5:82-83 May '66.

PUBLIC PROSECUTORS—BIBLIOGRAPHY see Bibliography—Public prosecutors

PUBLISHERS' CATALOGS see Catalogs, Publishers'

PULMONUM DISEASE

- Effect of ultraviolet rays on some properties of the blood in chicken pullorum disease. Kh. G. Adzhemian. *Biol. zhur. Arm.* 19 no. 6:67-72 Jun '66.

PULMONARY ARTERY—CANCER

- Chondrosarcoma of the thoracic wall with a tumorous thrombosis of the pulmonary artery. S. I. Lipkin. *Ortop., travm. i protez.* 27 no. 5:61-64 May '66.

PULMONARY ARTERY—LIGATURE

- Structural changes in bronchial arteries and the development of collateral blood circulation following the ligation of tubular branches of the pulmonary artery. I. A. Maksimuk. *Nauch. dokl. vya. shkoly; biol. nauki* 9 no. 3: 58-63 '66.

PULMONARY CIRCULATION

- Clinical aspects and diagnosis of the primary pulmonary hypertension syndrome. O. V. Vinogradskii, P. O. Vlasitskii. *Sov. med.* 29 no. 7:61-64 Jul '66.

PULSE CIRCUITS

- Nonreversible and reversible decade pulse counters using dynistors and thyristors. G. I. Kirilov, Mekh. i avtom. upr. no. 3:33-35 May-June '66.
- Pulse power supply with switching diodes for three-cycle ferrite and diode elements. P. S. Makurin, V. T. Razumnyi, G. I. Storozhenko. *Mekh. i avtom. upr.* no. 3:28-31 May-June '66.
- Study of the forced oscillation modes of electromagnetic pulse generator circuits. V. G. Brikulev, N. N. Blotskii. *Elektrichestvo* no. 7:66-70 Jul '66.

PULSE TECHNIQUES (ELECTRONICS)

- Chukov, N. N. [Pulse transformer; textbook] *Impul'snyy transformator; uchebnoe posobie.* Pod nauchnoi red. I. U. G. Shchakarlana. Moskva, In-t radioelektroniki i gornoi elektroniki, 1965. 27 p.
- Kasatkina, A. S. [Automatic transformation of signals of frequency transducers] *Avtomaticheskaya obrabotka signalov chastotnykh datchikov.* Moskva, Energiya, 1966. 117 p. (Biblioteka po avtomatike, no. 171)

- Spectral and energy characteristics of giant pulses. V. I. Bespalov, G. I. Freidman. *Izv. vya. ucheb. zav. i radiofiz.* 9 no. 3:513-524 '66.

PUMPING MACHINERY

- Pump for pumping clean and slimed liquids and clayey solutions. A. V. Rozanov. *Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no. 6: 32-33 Jun '66.
- Pump for sampling water-bearing horizons. V. I. Blazhkov, D. S. Nepochatykh. *Razved. i okh. nedr.* 32 no. 3:54 '66.
- Reliability of the operation of the UTN-5 pump. A. Gurevich, I. Shestakov. *Tekhn. v sel'khoz.* 26 no. 6:65-66 Jun '66.

PUNCHED CARD SYSTEMS

- Beaters of primary information. N. Tverdokhlebov. *Bukhg. uch. i.* no. 8:19-25 Jun '66.

PUNCHED CARD SYSTEMS—BANKS AND BANKING see subdivision under Chochen-Ingush A.S.S.R.

PUNCHED CARD SYSTEMS—METEOROLOGY

- Simple automatic punching systems. V. N. Ivanov, N. P. Mazurin. *Meteor. i gidrol.* no. 7:54-57 Jul '66.

PUNISHMENT

- Effectiveness of criminal punishment. N. Karpets. *Sots. zakon.* no. 5:10-23 May '66.

PURINES

- Preparation of N-(6-purilyl)thioacetamide acids. E. D. Kaverzneva, V. K. Zvorykina, V. V. Kiseleva. *Izv. AN SSSR, Ser. khim.* no. 7:1190-1203 '66.

- Use of physicochemical methods for the analysis of purine derivatives in preparations and medicinal mixtures. Report No. 1: Spectrophotometric method of the analysis of purine derivatives. L. O. Kyrychenko, Farmatsev. zhur. 20(1, 2) no. 4:43-47 '66.

PURINES—CONGRESSES

- Konferentsiya po problemam primeneniya pirimidinovykh i purinovykh proizvodnykh v onkologii i drugih oblastiakh meditsiny, poaviaschennoi 80-letiyu so dnia rozhdeniya Prof. A. A. Krontovskogo, 1966. [Materials of the Conference on the Problem of the Use of Pyrimidin and Purine Derivatives in Oncology and other Fields of Medicine, Dedicated to the 80th Anniversary of Professor A. A. Krontovskii's birth] *Materialy. Pod obshchei red. N. V. Lazareva.* Leningrad, In-t onkologii AMN SSSR, 1966. 125 p. (DNLM)

PURPURA (PATHOLOGY)

Abdominal Schoenlein-Henoch's purpura in the clinical aspects of acute abdomen. A. E. Cheban, Z. K. Duplik. *Sov. med.* 29 no. 5:41-44 My '66.

Conservative and surgical treatment of Werlhof's disease. N. S. Epifanov, V. I. Korepanov, L. P. Schastlivaya. *Sov. med.* 29 no. 7:104-108 JI '66.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Correction by one day: literary history notes on Pushkin. (Continuation). V. P. Gur'lanov. *Vest. Mosk. un. Ser. II: Zhur.* 21 no. 1:63-84 Ja-F '66.

Enikolopov, I. K. [Pushkin in Georgia] Pushkin v Gruzii. Tbilisi, Literatura da khelovnaia, [1966] 100 p.

Notes on the West-East synthesis in Pushkin's lyrical poetry. I. S. Braginaki. *Nar. Az. i Afr.* no. 4:139-146 '66.

PUSTOVOIT, VASILII STEPANOVICH, 1886-

Outstanding scientist and plant breeder. D. Lesik. *Zer. i masl. kul't.* 1 no. 1:38-39 '66.

PYRAMIDAL TRACT

Plastic and tonic components of pyramidal effects on motoneurons. D. A. Vasilenko, F. G. Kostuk. *Dokl. AN SSSR* 169 no. 3:731-734 JI '66.

PYRETHRUM see subdivision under Azerbaijan

PYRIDINE

Catalytic reduction of aromatic nitroso compounds by 2,6-dimethyl-3,5-dicarbethoxy-1,4-dihydropyridine. D. D. Mozhukhin, M. L. Khidkele. *Izv. AN SSSR. Ser. Khim.* no. 7:1263-1265 '66.

Preparation of α -alkylpyridines and α -alkylpyridine oxides with a long side chain. I. L. Kotliarevskii and others. *Izv. AN SSSR. Ser. Khim.* no. 7:1224-1226 '66.

Study of intermolecular reactions as applied to the analysis of mixtures. Part 2: Some polymers based on pyridine and hexamethylenetetramine as stationary phases. F. F. Cheshko, V. F. Sakhenko, R. A. Parubova. *Zhur. ob. khim.* 36 no. 7:1173-1181 JI '66.

PYRIDINE BASES

Mechanism of the catching of pyridine bases from coke-oven gas. V. M. Kagaev, G. D. Kharalampovich. *Koks i khim.* no. 5:37-43 '66.

PYRIDINIUM COMPOUNDS

Spontaneous polymerization of 1,2-dimethyl-5-vinyl pyridinium methyl sulfate in aqueous medium. V. A. Kabanov, T. I. Patrikeeva, V. A. Kargin. *Dokl. AN SSSR* 168 no. 6:1350-1353 Je '66.

PYRIMIDINES

Spectrophotometric determination of aminopyrimidine derivatives. L. I. Rapoport, H. V. Verzhina, Farmatsev. *zhur.* 21 no. 3:24-31 '66.

Spectrophotometric determination of pyrimidine derivatives. L. I. Rapoport, H. V. Verzhina, Farmatsev. *zhur.* 20(1, 2) no. 4:30-36 '66.

PYRIMIDINES—CONGRESSES

Konferentsia po probleme primeneniia pirimidinovykh i purinovykh proizvodnykh v onkologii i drugih oblastiakh meditsiny, posvlashchennoi 80-letiu so dnia rozhdeniia Prof. A. A. Krontovskogo, 1966. [Materials of the Conference on the Problem of the Use of Pyrimidine and Purine Derivatives in Oncology and other Fields of Medicine, Dedicated to the 80th Anniversary of Professor A. A. Krontovskii's birth] Materialy. Pod obshch. red. N. V. Lazareva. Leningrad, In-t onkologii AMN SSSR, 1966. 125 p.

PYROGENS

Radio-protective effect of pyrogens. N. A. Kalinina. *Radiofizika* 6 no. 4:580-582 '66.

PYROLYSIS

Thermal hazards in the process of acetylene production by thermo-oxidizing pyrolysis of natural gas. A. Ambartsumian and others. *Prom. Arm.* 9 no. 5: 52-54 My '66.

PYROMELLITIC DIANHYDRIDE

Preparation of pyromellitic dianhydride from durenene. V. P. Borshchenko, N. M. Beksheneva, I. U. M. Tolstov. *Notekhimia* 6 no. 3:450-454 My-Je '66.

PYROMETRY

Pyrometer for measuring temperatures under 800° C. A. V. Kogan, M. I. Bantsur. *Porosh. met.* 6 no. 7:102-106 JI '66.

PYROPHOSPHATES

Anodic and cathodic polarization in a copper pyrophosphate electrolyte. B. L. Reizin, V. I. Lainer. *Zashch. met.* 2 no. 3:339-343 My-Je '66.

PYRROLE

Rostov-on-Don. Universitet. [Essays on azole chemistry] Ocherki po khimii azolov. [Rostov-na-Donu] 1965. 104 p.

PYRUVIC ACID

Interaction of perfluorolefin oxides with nucleophilic reagents. Trifluoropyrrolic acid and its derivatives. I. L. Kuznetsov, V. V. Shokina, V. V. Tuleneva. *Dokl. AN SSSR* 169 no. 3:594-597 JI '66.

QUADRATURE FORMULA

Fejer - Shohat problem. Z. S. Grinshpun. *Vest LGU* 21 no. 13:125-128 '66.

QUALITY CONTROL see subdivision under Czechoslovakia

QUANTUM FIELD THEORY

Absorption of a high frequency field in pure superconducting films. I. U. N. Ovchinnikov. *Zhur. eksp. i teor. fiz.* 50 no. 5:1364-1368 My '66.

Analytic properties of Euclidean amplitudes. G. V. Efimov. *Lad. fiz.* 4 no. 2:432-442 Ag '66.

Magnetic relaxation of nuclei in semiconductors and semimetals in a quantized magnetic field. G. E. Gurgenshvil, G. R. Khutsishvili. *Elektron. i ion. prots. i tver. tel.* no. 2:72-81 '66.

Neutron scattering on conduction electrons in a quantized magnetic field. G. A. Kharadze. *Elektron. i ion. prots. i tver. tel.* no. 2:82-88 '66.

Nonlinear Heisenberg operators in quantum field theory. A. D. Sukhanov. *Lad. fiz.* 4 no. 2:407-417 Ag '66.

Quasi-analytic functionals in quantum field theory. V. P. Gachok. *Dokl. AN SSSR* 168 no. 5:1030-1032 Je '66.

Solution and quantization of a nonlinear two-dimensional model of a Born - Infeld type of field. B. M. Barbashov, N. A. Chernikov. *Zhur. eksp. i teor. fiz.* 50 no. 5: 1206-1208 My '66.

QUANTUM STATISTICS

Asymptotic behavior of Green's functions in viscous hydrodynamic approximation for the statistical mechanics of quantum systems. B. I. Sadovnikov. *Dokl. AN SSSR* 169 no. 1:66-69 JI '66.

QUANTUM THEORY

Gurov, K. P. [Fundamentals of kinetic theory; N. N. Gurov. Osnovaniia kineticheskoi teorii; Moskva, Nauka, 1966. 351 p.

Can help to understand conclusions. P. Paradozkov. *Usp.* 7-700 Ag '66.

ality of the theory of K-spectra of crystalline substances. L. K. [SSSR] 168 no. 5:1044-1047 Je '66

unstable elementary particles. 4 no. 2:443-445 Ag '66.

measuring the inverse temperature relation. *Izv. vya. uchob. zav.* 5-838 '66.

elementary particles. K. P. Stanhich, I. A. A. Smorodinskii. *Usp.* 7-735 Ag '66.

of the expression for energy in. *Zhur. eksp. i teor. fiz.* 50 '66.

atic resonance in antiferromagnets. M. D. Zviadadze. *Soob. AN* 44 JI '66.

mesons in SU(2)-symmetry. 4 no. 2:1387-390 Ag '66.

tering by nuclei with arbitrary Ad. fiz. 4 no. 2:1370-880 Ag

high energies and some plex j-plane. A. B. Kaidalov, iz. 3 no. 6:1118-1120 Je

Stimulated electron radiation in crossed fields. I. G. Pavlenko. *Zhur. eksp. i teor. fiz.* 50 no. 5:1205-1209 My '66.

Theorem on the equiammability of differentiated expansions in eigenfunctions in a one-dimensional linear system. I. S. Suragan. *Dokl. AN Arm. SSR* 42 no. 5:262-267 '66.

QUARTZ

(see also subdivision under Aldan Plateau; Daghestan; Kazakhstan; Mongolia; Soviet Far East; Timpson Valley; Ural Mountain region; Ural Mountains; Yakutia)

Determination of the industrial aluminum for piezoelectric deposits. I. P. Kobakhidze, V. A. Mukhin. *Izv. vya. uchob. zav. i geol. razv.* 9 no. 6: 117-121 Je '66.

History of the development of vein-hosting structures of the manifestation of rock crystal. L. S. Puzanov. *Trudy VNIIP [MS]* 7:81-89 '62.

Internal structure of artificial crystals of quartz. G. M. Sazonov, V. E. Khadzhi. *Trudy VNIIP [MS]* 2 no. 1: 127-138 '66.

Some structural characteristics and conditions governing the formation of crystalline polymers. I. V. Ilavitsko. *Trudy VNIIP [MS]* 7:129-139 '62.

QUARTZITE see subdivision under Armenia; Ural Mountain region

QUATERENE

Comparative study of the effect of quaterene and gangsteron blood coagulation. N. A. Apelin. *Zh. biokhim. i med. zhur. Arm.* 19 no. 9:35-38 Je '66.

QUERCETIN

Quercetin glycosides of horse chestnut (*Aesculus hippocastanum* L.). V. N. Spiridonov. *Dokl. AN SSSR* 169 no. 1:126-127 JI '66.

QUEUEING THEORY

Flow of lost requests in some queueing systems with limitation. L. G. Afanaseva. *Izv. AN SSSR. Tekh. kib.* no. 3:57-65 My-Je '66.

Principles of electronic-impulse stimulation of queueing systems. B. G. Zimoteyev, I. I. Porelman. *Avtomat. i telem.* no. 8:164-170 '66.

Problem of the selection of optimal disciplines in queueing. I. A. Usakov, A. P. Klimov. *Izv. AN SSSR. Tekh. kib.* no. 2:40-44 My-Je '66.

Statistical selection of queues in queueing with a limited length of priority. A. A. Natan. *Izv. AN SSSR. Tekh. kib.* no. 3:54-56 My-Je '66.

Unlinear system with Erlangian distribution of the queueing time for different forms of queueing. G. I. Nagornov. *Izv. AN SSSR. Tekh. kib.* no. 3:40-53 My-Je '66.

QUINOLINE

Pharmacology of some decahydroquinoline derivatives. A. A. Altkorn and others. *Dokl. AN SSSR* 169 no. 3:721-727 JI '66.

QUINONES

Spectral detection of methylene blue semiquinone. Kh. I. Arvan, V. E. Kholmogorov. *Dokl. AN SSSR* 169 no. 7: 365-367 JI '66.

QUINUCLIDINE

Stereochemistry of 3-substituted quinuclidines with a semicyclic double bond. L. N. Tikhonov and others. *Dokl. AN SSSR* 168 no. 5:1085-1088 Je '66.

RABIES

Spinal cord and intervertebral ganglia in rabies. O. H. Razonnava. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 7: 44-48 JI '66.

RABIES—MICROBIOLOGY

Use of the indirect fluorescent antibody technique in the titration of antirabies sera. M. A. Solinov, I. I. Lebedeva, F. V. Kiseleva. *Zhur. mikrobiol., epid. i imm.* 43 no. 0:108-113 Ag '66.

RABIES—PREVENTIVE INOCULATION

(see also subdivision under Germany, East)

Characteristics of rabies in animals in Kazakhstan. G. A. Kolomakin, N. F. Iarov, V. V. Legkodomov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 7:40-43 JI '66.

RADIANT HEATING

Low-pressure radiant burners in closed chambers. A. N. Vyshelskii, I. E. Shmuel'Poon. *Gaz. prom.* 11 no. 0:30-32 '66.

RADIATION

Composition and spatial distribution of radiation around the building housing a 10 Gev. proton synchrotron. V. N. Lebedev. *Atom. energ.* 21 no. 1:44-45 JI '66.

Effect of radiation on the adhesion of polymer coatings to aluminum. V. I. Kobanov and others. *Dokl. AN SSSR* 169 no. 1:146-149 JI '66.

Experimental verification of the calculation of short-wave radiation fluxes in the real atmosphere. N. P. Piatovskaya. *Trudy GGO* no. 183:48-56 '66.

- RADIATION (Continued)**
Feasibility of experimental verification, of a statistical nature, of the diffractometric image produced by a corpuscular stream of varying intensity. O.S. Razumovskii, *Uch. zap. MOPI* 141:224-229 '64.
- Nonlinear and relativistic effects on the radiation of a periodic sequence of electron clusters, B. A. Lomakin, G. F. Filimonov, *Izv. vys. ucheb. zav. radiofiz.* 9 no. 4:778-785 '66.
- Radiation conductivity of longitudinal cracks on a cylinder, B. A. Panchenko, *Izv. vys. ucheb. zav. radiofiz.* 9 no. 4:829-831 '66.
- Scintillation spectrometer for simultaneous study of concurrent nuclear radiations, D. L. Chuprunov, V. S. Zazulin, T. N. Mikhaleva, *Atom. energ.* 21 no. 1:50-51 JI '66.
- RADIATION—DOSAGE**
Dosimeters on the basis of glasses with an optical density varying under irradiation, G. V. Biruganovskaya, E. G. Gvozdev, A. I. Khovanovich, *Atom. energ.* 21 no. 1:38-41 JI '66.
- RADIATION—EFFECT ON ACIDS, INORGANIC** see Acids, Inorganic, Effect of radiation on
- RADIATION—EFFECT ON ALKALI HALIDE CRYSTALS** see Alkali halide crystals, Effect of radiation on
- RADIATION—EFFECT ON ALUMINUM ALLOYS** see Aluminum alloys, Effect of radiation on
- RADIATION—EFFECT ON CARBON TETRACHLORIDE** see Carbon tetrachloride, Effect of radiation on
- RADIATION—EFFECT ON DIELECTRICS** see Dielectrics, Effect of radiation on
- RADIATION—EFFECT ON DODECYL MERCAPTAN** see Dodecyl mercaptan, Effect of radiation on
- RADIATION—EFFECT ON ETHYLENE POLYMERS** see Ethylene polymers, Effect of radiation on
- RADIATION—EFFECT ON LITHIUM FLUORIDE CRYSTALS** see Lithium fluoride crystals, Effect of radiation on
- RADIATION—EFFECT ON NERVOUS SYSTEM** see Nervous system, Effect of radiation on
- RADIATION—EFFECT ON PLANTS** see Plants, Effect of radiation on
- RADIATION—EFFECT ON POLYMERS** see Polymers, Effect of radiation on
- RADIATION—EFFECT ON POTASSIUM CHLORIDE CRYSTALS** see Potassium chloride crystals, Effect of radiation on
- RADIATION—EFFECT ON SEEDS** see Seeds, Effect of radiation on
- RADIATION—PHYSIOLOGICAL EFFECT**
Catechol amine content in central nervous system and adrenal glands of rats subjected to neutron and X-ray irradiation, V. B. Satsukevich, *Dokl. AN SSSR* 10 no. 7:500-509 JI '66.
- Catechol amine metabolism in the sympathetic ganglion during stimulation of the preganglionic fibers in irradiated animals, L. D. Klimovskaya, A. F. Maslova, *Biul. eksp. biol. i med.* 62 no. 7:38-41 JI '66.
- Effect of chronic influence of small doses of ionizing radiation on the blood system of a growing organism, T. V. Fokina, L. A. Shapiro, L. M. Bessipov, *Biul. eksp. biol. i med.* 62 no. 7:41-44 JI '66.
- Radioreistance of the animal organism in the early postirradiation period, S. P. Iarmonenko, *Dokl. AN SSSR* 169 no. 6:1411-1414 Je '66.
- RADIATION—TABLES, ETC.**
Tables for the determination of the soft particle spectrum of a disperse system from its indicatrix, K. S. Shifrin, A. I. Porelman, L. I. Zagorovskaya, *Trudy GGO* no. 183:67-83 '66.
- RADIATION IMMUNOLOGY**
Increase in radioreistance in *Escherichia coli* B/r, V. D. Zhestanikov, E. A. Valdehtsin, *Dokl. AN SSSR* 169 no. 1:220-222 JI '66.
- RADIATION OIL WELL LOGGING** see Oil well logging, Radiation
- RADIATION—PROTECTIVE AGENTS**
Effect of protein on the radiosensitivity of deoxyribonucleic acid, T. S. Usakovskaya and others, *Radiobiologiya* 6 no. 4:491-494 '66.
- Effect of some radioprotective preparations on the respiration of mitochondria isolated from normal and irradiated tissues, N. I. Bichevskaya, E. F. Romantsev, *Radiobiologiya* 6 no. 4:508-509 '66.
- Heavy metal ions as radioprotectors against radiation injuries of plants, P. A. Vlasuk, D. M. Grodzinskiy, I. N. Gudkov, *Radiobiologiya* 6 no. 4:501-507 '66.
- Protective diacetyl action in an acute radiation disease, S. E. Manolov, A. V. Grannikova, *Radiobiologiya* 6 no. 4:430 '66.
- Protective properties of antioxidants, R. B. Strelkov, L. F. Semenov, *Radiobiologiya* 6 no. 4:578-579 '66.
- Radioprotective effect of pyrogens, N. A. Kalinina, *Radiobiologiya* 6 no. 4:560-562 '66.
- Relation between radioprotective and antineoplastic properties of the inhibitors of radical processes, E. B. Burlakova, V. D. Gaintseva, N. M. Enameli, *Izv. AN SSSR, Ser. biol.* 31 no. 4:511-516 JI-Ag '66.
- Use of radiomimetic models for studying protective properties of chemical compounds, M. L. Kakushkina, I. B. Kudrashov, *Radiobiologiya* 6 no. 4:587-590 '66.
- RADIATION SHIELDING** see Shielding (Radiation)
- RADIATION SICKNESS**
Analysis of some aspects of erythropoiesis in dogs after radiation sickness, O. F. Ziadnova, *Radiobiologiya* 6 no. 4:549-551 '66.
- Klemparskaya, N. N., and G. A. Shal'nova, [Symbiotic microbial flora as an indicator of radiation lesion of the body] *Autoflora kak indikator radiatsionnogo porazheniya organizma*, Moskva, Meditsina, 1966, 206 p. (DMLA)
- Morphological study of the effect of preventive immunization and blockade of the reticuloendothelial system on the course of radiation sickness, V. Kh. Vynogradova, M. M. Pal', Z. D. Domashenko, *Fiziol. zhur. [Ukr.]* 12 no. 4:554-559 JI-Ag '66.
- Some characteristics of nerve trunk regeneration in relation to the phase of acute radiation lesion, I. A. I. Ryss, *Biul. eksp. biol. i med.* 61 no. 4:115-118 Ap '66.
- RADIO**
Belotserkovskiy, G. V. [Problems and calculations for course in "Fundamentals of radio engineering and antennas"] *Zadachi i resheniya po kursu "Osnovy radioelektroniki i anteny"*, Moskva, Mashinostroyeniye, 1966, 193 p.
- RADIO—ABSTRACTS**
[Radio engineering and telecommunication] *Ref. zhur.: Radiotekh. i elektronika* no. 6 Je '66.
- RADIO—RECEIVERS AND RECEPTION**
Arslanov, M. Z. [Radio-receiving apparatus (short course); textbook for correspondence students majoring in radio engineering] *Radiopriemnye ustroystva (kratkii kurs)*; uchebnoe posobie dlya studentov-zachetnikov radioelektronicheskikh spetsial'nostei, Gor'ki, Gor'kovskii politekhn. in-t, 1965, 273 p.
- Optimal detection of signals of a spatially distributed receiving system, V. L. Volkovich, I. U. Samolennko, *Izv. AN SSSR, Tekh. kbb.* no. 3:126-134 My-Je '66.
- RADIO—TRANSMITTERS AND TRANSMISSION**
Comparison of the readings of indicators with different time characteristics in the measurement of transmission level, Z. N. Rezviakova, *Trudy VNAIZ* no. 8:95-114 '61.
- Petrovich, N. T., and M. K. Razmakhin, [Broad-band communication channels with noiseless signals; a lecture delivered in a pregraduation course on "Fundamentals of radio communication"] *Shirokopolosnyye kanaly svyazi s shumopodobnymi signalami; lektsiya po predpriemnomu kursu "Osnovy radiosvyazi"*, Moskva, VZES, 1965, 62 p.
- RADIO ASTRONOMY**
Effect of amplitude clipping in noise signal receivers on the accuracy measuring noise created by pulse interference, A. A. Gorbachev, V. I. Danilov, *Izv. vys. ucheb. zav. radiofiz.* 9 no. 4:730-735 '66.
- Powerful X-radiation from radio galaxies, V. L. Ginzburg, *Usp. fiz. nauk* 69 no. 4:540-552 Ag '66.
- RADIO AUDIENCES**
Study of the radio audience, V. N. Iaroshenko, *Vest. Mosk. un. Ser. II: Zhur.* 21 no. 1:27-39 Ja-F '66.
- RADIO DIRECTION FINDERS**
Kashprovskiy, V. E. [Determining location of thunderstorms by radio engineering methods] *Opreделение mestopolozheniya groz radioelektronicheskimi metodami*, Moskva, Nauka, 1966, 247 p.
- RADIO IN INDUSTRY**
Beginning of a great theme, V. Shvetsov, *Sov. radio* 1 tel. 12 no. 10:7-8 O '63.
- RADIO IN THE CONSTRUCTION INDUSTRY**
Krylov, N. A., V. A. Kalashnikov, and A. M. Polishchuk, [Radio-engineering methods for controlling the quality of reinforced concrete] *Radiotekhnicheskie metody kontrolya kachestva zhelezobetona. Pod obshchey red. N. A. Krylova*, Leningrad, Stroizdat, 1966, 378 p.
- Loshak, I. A., and others, [Radio central control service in construction; experience of Rostov Administration of Main North Caucasian Construction Trust] *Radiodisperschnaya svyaz' v stroitel'stve; opyt Rostovskogo upravleniya stroitel'stva Glavstavkavstroia*, Moskva, Stroizdat, 1966, 23 p. (Novosti stroitel'noi tekhniki SSSR)
- RADIO JOURNALISM**
(see also subdivision under White Russia)
The correspondent and his interlocutor, N. Taube, *Sov. radio* 1 tel. 12 no. 10:25-27 O '63.
- RADIO MEASUREMENTS**
Comparison of the readings of indicators with different time characteristics in the measurement of transmission level, Z. N. Rezviakova, *Trudy VNAIZ* no. 8:95-114 '61.
- RADIO RELAY SYSTEMS**
Karamov, Z. S., and A. F. Fomin, [Elements and units of analog radiotelemetry systems] *Elementy i uzly analogovykh radiotelemekhnicheskikh sistem*, Moskva, Energiya, 1966, 352 p.
- RADIO RESONATORS**
Laser in resonator Q-factor switching mode, V. I. Bessalov, I. U. K. Bogatyrev, *Izv. vys. ucheb. zav. radiofiz.* 9 no. 3:525-537 '66.
- RADIO WAVES**
Observation of nonlinear boundary effects in the radio frequency band, A. S. Gorskoy, V. P. Marchenko, *Izv. vys. ucheb. zav. radiofiz.* 9 no. 4:757-764 '66.
- RADIOACTIVE FALLOUT**
Comparative analysis of the global fallout of fission products on continents and oceans, I. L. Karol' and others, *Trudy Inst. okean.* 62:56-71 '66.
- Conditions for the production of particles of radioactive fallout and the fractionation of isotopes in underground nuclear explosions accompanied by soil eruption, I. U. A. Izral', *Dokl. AN SSSR* 169 no. 3:573-578 JI '66.
- RADIOACTIVE SUBSTANCES**
Absorptive method of determining the coefficient of diffusion of α -radioactive elements, L. V. Pavlov, A. I. Nakonechnikov, *Met. i metalloved. chist. met.* no. 3:124-129 '66.
- RADIOACTIVE SUBSTANCES IN PLANTS** see Plants, Radioactive substances in
- RADIOACTIVE SUBSTANCES IN SOILS** see Soils, Radioactive substances in
- RADIOACTIVE WASTE DISPOSAL**
Phosphate precipitation as a method of purification of slightly radioactive waste waters, V. P. Shvedov, S. G. Strizhov, V. A. Kostikov, *Radiokhimiya* 8 no. 3: 360-371 '68.
- Symposium on the treatment of wastes of low and medium specific activity, A. I. Nazarov, A. V. Sibirev, *Atom. energ.* 21 no. 1:72-74 JI '66.
- RADIOACTIVITY**
Falkov, I. A. [Nucleus - shot] *Iadro - vystrel!* Moskva, Detskaya literatura, 1966, 173 p.
- RADIOACTIVITY—CONGRESSES**
Vsesoyuznoye mezhvuzovskoe soveshchaniye po probleme "Mikroelementy i istochniki radioaktivnosti", [Abstracts of reports of All-Union Interuniversity Conference on Problem "Trace elements and natural radioactivity"] *Tezisy dokladov*, Petrozavodsk, Univ., 1965, [No. 1. 290 p. Pt. 2. 272 p. Pt. 3. 226 p. Pt. 4. 128 p.]
- RADIOBIOLOGY**
Domshlak, M. P., ed. [Problems of general radiobiology] *Voprosy obshchei radiobiologii*, Moskva, Atomizdat, 1966, 303 p.
- Kinetic criterion of applicability of inhibitors of free radical processes in radiobiology and oncology, E. N. Burlakova and others, *Dokl. AN SSSR* 169 no. 3:609-610 JI '66.
- Korogodin, V. I. [Problems of postirradiation repair] *Problemy postirradiatsionnogo vosstanovleniya. Posledstviya N. V. Timofeeva-Resovskogo*, Moskva, Atomizdat, 1966, 300 p.
- Radiobiology and cosmic research, A. Kuzin, *Av. i kosm.* no. 8:35-41 Ag '66.
- RADIOBROADCASTING**
(see also subdivision under Maritime Territory)
According to the laws of the ether, B. Khessin, *Sov. radio* 1 tel. 12 no. 10:28-30 O '63.
- Common truth and clichés, A. Bogomolov, *Sov. radio* 1 tel. 12 no. 10:36-37 O '63.
- Radio and people's control, K. Vovodina, *Sov. radio* 1 tel. 12 no. 10:12-13 O '63.
- To love and understand words, L. Krysin, *Sov. radio* 1 tel. 12 no. 10:35-36 O '63.
- Without barriers and distances, K. I. A. Sergeichuk, *Izobr. i rats.* no. 6:4-5 Je '66.
- RADIOCHEMISTRY**
Barkalov, I. M. [Radiation and polymers] *Radiatsiya i polimery*, Moskva, Znanie, 1966, 40 p. (Novoe v zhizni, nauke, tekhnike. XI Seriya: Khimiya, no. 7)
- Behavior of plutonyl in hydrochloric and sulfuric acid solutions, B. G. Pozharovskiy, *Radiokhimiya* 8 no. 3: 277-285 '66.
- Interaction of ^{14}C recoil atoms in binary systems containing heterocyclic compounds, L. P. Firsova, *Radiokhimiya* 8 no. 3: 333-341 '66.

RADIOCHEMISTRY (Continued)

- Intramolecular activity distribution in picolines labeled with carbon-14 recoil atoms. L.P. Firsova, An.N. Nesmejanov, M.F. Barakat. Radiokhimiia 8 no.3: 379-382 '66.
- Radiochemical synthesis of labeled carbonyl and carbonyl compounds based on hydrocarbons and labeled carbon monoxides. E.P. Kalizina, An.N. Nesmejanov, N.A. Bakht. Radiokhimiia 8 no.3: 341-347 '66.

RADIOCHEMISTRY—INDUSTRIAL APPLICATIONS

- Use of hydraulically sealed ampoules in high-power radiation-chemical gamma-ray units. A.V. Bykhovskii, V.E. Drozdov, G.N. Lisev. Atom. energ. 21 no.1:63-64 Ji '66.

RADIOGENETICS

- Characteristics of postirradiation death of differentiating nerve cells. Report No.1. Study of chick embryos. Iu.V. Korogodina. Radiobiologiya 6 no.4:560-564 '66.
- Conservation of radiation damage of chromosomes in fish embryogenesis. D.D. Romashov, V.N. Bulina. Genetika no.4:1-15 Ap '66.
- Detection of possible difference in the radiosensitivity of unmarked paternal and maternal chromosomes. B.N. Vasin, V.I.Urbakh. Radiobiologiya 6 no.4:568-573 '66.
- Relative biological effectiveness of fast neutrons and gamma rays following their action on the loach sperm and DNA of irradiated sperm. I.A. L. Shekhtman, I. Breiksh, V.A. Struchko. Radiobiologiya 6 no.4: 495-499 '66.

RADIOISOTOPES

- Forms of existence and migration of artificial radioisotopes in seawater. S.A. Patin. Trudy Inst. okean. 82:72-90 '66.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

- Smoliak, V.A., and V.N. Uziuk. [Automatic control and regulation of production using nuclear radiation] Avtomaticheskii kontrol' i regulirovanie proizvodstvennykh protsessov s primeneniem yadernykh izluchenii. Moskva, Atomizdat, 1966. 147 p.
- Studying the size of the zone of division between metal and slag in an open-hearth furnace with the help of radioactive isotopes. A.M. Skrebisov and others. Izv. vuz. ucheb. zav. i Chern. met. 9 no.7:70-72 '66.
- Using the method of radioisotopes in investigating the parameters of the motion of particles in a quasi-fluidized bed. A.N. Kornilov, N.B. Kondukov. Inzh. fiz. zhurn. 10 no.6:764-770 '66.

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

- Effect of radioactive isotopes on immunological reactions of the animal organism. S.M. Iakim. Radiobiologiya 6 no.4:627-629 '66.

RADIOLOGY, MEDICAL—CONGRESSES

- Dnepropetrovskaya mezhdunarodnaya nauchno-prakticheskaya konferentsiya rentgenologov i radiologov. 1965. [Materials of the Dnepropetrovsk Interprovincial Scientific and Practical Conference of Roentgenologists and Radiologists, May 26-28, 1965] Materialy. Dnepropetrovsk, Promin', 1965. 159 p. (DNLM)

RADIOMETER

- Increasing the work stability of the SRP-2 radiometer. E.M. Kvaratskhelia, Razved. i okh. nedr. 32 no.3:55-56 '66.

RADIOMIMETIC AGENTS

- Radiomimetic effect of the formation of histamine in animal organs and tissues. S.G. Bilush, E.N. Goncharenko, Iu.B. Kudriashov. Vest. Mosk. un. Ser. 6: Biol. i pochr. 21 no.2:28-31 Mr.-Ap '66.

RADIOLOGICAL DIAGNOSIS see Diagnosis, Radiological

RADIOSPECTROSCOPY see Microwave spectroscopy

RADIOTHERAPY

- Immediate and late results of treating skin cancer of eyelids with different types of ionizing radiation based on materials of State P.A. Gertsen Oncological Institute. B.B. Berdyev. Trudy Turk. nauch.-issl. brakh. inst. 9:209-216 '66.

RADON

- Effect of the conjugation of bonds on the degree of stability of a primary molecular ion. V.D. Nefedov and others. Radiokhimiia 8 no.3: 378-379 '66.

RAILROADS—ACCOUNTING

- Krasov, A.P., and A.A. Trofimov. [Balance sheet method of accounting for materials in railroad enterprises] Sal'dovyi metod ucheta materialov na zheleznnykh dorogakh. Moskva, Transport, 1966. 78 p.
- Tsentral'nyi institut nauchno-tekhnicheskoi informatsii i propagandy zhelezнодорожного транспорта. [Business accounting in railroad transport; issuing materials and spare parts according to estimated supply request cards] Khoziaistvennyi raschet na zhelezнодорожном transporte; otpusk materialov i zapasykh chastei po limitnym kartam. Moskva, 1964. 46 p. (Kompleksnye voprosy razvitiia zhelezнодорожного транспорта, no.8)

RAILROADS—CARS—DESIGN AND CONSTRUCTION

- Electric rivet welding of a thin-walled lining to bent sections. A.I.A. Pol'tov, A.F. Solvak. Svar. proizv. no.6:39-40 Je '66.

RAILROADS—DESIGN AND CONSTRUCTION

- (see also subdivision under Caucasus, Northern)
- Tsentral'nyi institut normativnykh issledovani i nauchno-tekhnicheskoi informatsii v transportnom stroitel'stve. [The Exhibition of the Achievements of the National Economy on transportation construction] VDNKh (transportnom stroitel'stve. Moskva, 1965. 54 p. (Tekhnicheskaya informatsiya)

RAILROADS—FREIGHT

- Smekhov, A.A. [Automation of computation processes for freight charges and drawing up of freight transportation documents; summaries of lectures] Avtomatizatsiya protsessov ischisleniia provoznykh plat i oformleniia gruzovykh perevozok; konspekt teksta. Pod obshch. red. V.V. Povozhenko. Moskva, Moskva, In-t inzhenerov zhelezdor. transporta. No.4. 1964. 30 p.
- Veltakli, A.I., and M.D. Kanabdu. [Organization of hauling and the mechanization of loading operations in railroad transportation] Organizatsiya perevozok i mekhanizatsiya gruzovykh rabot na zhelezнодорожном transporte. Moskva, Transport, 1966. 413 p.

RAILROADS—FREIGHT CARS

- Kalmykov, V.G., and others. [Industrial transportation cars] Vagony promyshlennogo transporta. Moskva, Metallurgiya, 1966. 278 p.

RAILROADS—MANAGEMENT

- Altshuler, G.A., B.N. Lakhman, and N.I. Sidorovich. [Planning in railway transportation] Planirovaniie na zhelezнодорожном transporte. Izd. 2., perer. i dop. Moskva, Transport, 1966. 337 p.

RAILROADS—RAILS—TESTING

- Effect of heat treatment on the contact resistance of steel in conditions of intensive plastic deformation. V.A. Kislik, A.I. Karmazin. Sbor. rab. NIIFM no.11: 180-219 '65.

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL

- Chekmenov, N.M., I.A. Krivobokov, and M.N. Cheredkov. [CTC systems, their assembly and maintenance] Ustroistva StB, ikh montazh i soderzhanie. Izd. 2., perer. i dop. Moskva, Transport, 1966. 455 p.
- Penkin, N.F., I.E. Dmitrenko, and A.M. Brylev. [New systems and apparatus in CTC equipment] Noveye sistemy i pribory v ustroistvakh StB. Moskva, Transport, 1966. 121 p.
- Russia (1923- U.S.S.R.). Glavnoe upravlenie signalizatsii i svyazi. [Instructions on safety engineering for movement of trains during maintenance and repair of CTC systems (signal, centralization, and blocking systems)] Instruktsiya po obespecheniio bezopasnosti dvizheniia poezdov pri proizvodstve rabot po soderzhaniiu i remontu ustroistv StB (signalizatsii, tsentralizatsii i blokirovki). Moskva, Transport, 1964. 65 p. [MICROFILM]

RAILROADS—TIMETABLES

- (see also subdivision under Moscow Province)
- [Timetable for passenger trains (abridged); for 1966-1967] Raspisanie dvizheniia passazhirskikh poezdov (kratkoe), na 1966-1967 gg. Moskva, Transport, 1966. 359 p. map (insert)

RAILROADS—TRACK

- Ferapontov, G.V. [Operation of railroad approach tracks] Eksploatatsiya zhelezнодорожных pod'ezdnykh putei. Moskva, Transport, 1966. 301 p.
- Gorokhov, L.N., and others. [Track apparatus and mechanisms] Putevye pribory i mekhanizmy. Pod red. N.A. Karpova. Moskva, Transport, 1966. 327 p.

RAILROADS—TRACK—MAINTENANCE AND REPAIR

- Pankratova, N.M. [Chemical methods for controlling the vegetation on the railroad bed] Khimicheskie sposoby bor'by s rastitel'nost'iu na zhelezнодорожном polotne. Moskva, Transport, 1966. 64 p.

RAILROADS—TRAFFIC

- Akademii nauk Uzbekskoi SSR, Tashkent. Institut mekhaniki i vychislitel'nykh tsentr. [Selection of an optimal variant for transport service; the use of mathematical methods and electronic computers] Vybór optimal'nogo varianta transportnogo obsluzhivaniia; primeneniye matematicheskikh metodov i EVM. Tashkent, Izd-vo "Nauka" USSR, 1965. 111 p.

RAILROADS—WATER SUPPLY

- Moskvin, G.N. [Operation of railroad water supply] Eksploatatsiya zhelezнодорожного vodosnabzheniia. Izd. 3., perer. Moskva, Transport, 1966. 291 p.

RAILROADS, INDUSTRIAL

- Single-rail suspended roads with automatic control. B.I. Pevzner, A.I. Vashchenko, V.I.A. Porokhin. Bul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no.8:53-56 Je '66.

RAILROADS, NARROW-GAUGE—ACCIDENTS

- Forensic medical characterization of fatal transients on narrow-gauge railroads. L.P. Andrianov. Sost. i red. eksp. 9 no.3:15-18 '66.

RAMON' REGION (VORONEZH PROVINCE)—WHEAT DISEASES AND PESTS

- Virus wheat diseases in the Ramon' region of Voronezh Province. V.A. Agarkov. Nauch. dokl. vyssh. shkoly biol. nauk 9 no.3:195-199 '66.

RANDOM PROCESSES see Stochastic processes

RARE AND MINOR METALS see Metals, Rare and minor

RARE-EARTH BORIDES

- Some properties of yttrium borides. G.A. Morozov and others. Izv. AN SSSR, Neorg. mat. 2 no.4:656-660 Ap '66.

RARE-EARTH CARBIDES

- Physical properties of carbides of some rare earth metals. B.D. Poderno and others. Izv. AN SSSR, Neorg. mat. 2 no.4:626-630 Ap '66.

RARE-EARTH CHLORIDES

- Interaction of samarium, gadolinium, and erbium chlorides with oxygen. D.V. Drobak, B.G. Korolov. Izv. AN SSSR, Neorg. mat. 2 no.6:1023-1026 Je '66.

RARE-EARTH CHROMATES

- Phase transitions of some rare-earth chromates. V.V. Pavlov, L.M. Loputo, S.G. Tretyakovich. Izv. AN SSSR, Neorg. mat. 2 no.4:679-682 Ap '66.

RARE-EARTH COMPOUNDS

- Regularity in the structural properties of rare-earth compounds as related to their atomic structure. G.A. Banderkin, B.F. Dzhuravskii. Dokl. AN SSSR 163 no.6:1315-1318 Je '66.
- Thermal expansion of rare-earth metal chlorides. E.M. Dudnik and others. Izv. AN SSSR, Neorg. mat. 2 no.6:1000-1003 Je '66.

RARE-EARTH CRYSTALS

- Use of Verneuil's method in producing single crystals of oxides of rare-earth elements. A.A. Popova, V.B. Zolotarev. Dokl. AN SSSR 160 no.1:92-93 Ji '66.

RARE-EARTH ISOTOPES

- Sodium amalgam cementation of microgram amounts of rare-earth radioactive isotopes in the presence of free state from acetate solutions. A.E. Zhuravskii, V.A. Khalkin, Van Chuan-pen [Wang Chuan-pen]. Radiokhimiia 8 no.3: 347-352 '66.

RARE-EARTH METALS

- Effect of rare-earth metals on the structure and properties of Br. Cu-25 bronze. V.M. Churakov, A.M. Pimenov, V.T. Orlov. Izv. proizv. no.5:42 My '66.
- Recommended procedure and prospects for finding them in the U.S.S.R. S.M. Gurevich, Razved. i okh. nedr. 32 no.4:10-17 Ap '66.

RARE-EARTH TUNGSTATES

- Phase diagram of the system $\text{Nd}_2(\text{WO}_4)_3 - \text{Na}_2\text{WO}_4$. E.I.A. Rode, V.N. Karpov. Izv. AN SSSR, Neorg. mat. 2 no.4:688-692 Ap '66.
- Phase diagram of the system $\text{WO}_3 - \text{Nb}_2\text{O}_5$. E.I.A. Rode, V.N. Karpov. Izv. AN SSSR, Neorg. mat. 2 no.4: 693-697 Ap '66.

RARE EARTH-ZINC ALLOYS

- New rare-earth metal compounds with zinc and their crystalline structures. Iu.B. Kuz'ma, P.I. Krasavich, N.S. Ugrin. Izv. AN SSSR, Neorg. mat. 2 no.4: 630-635 Ap '66.

RARE EARTHS

- Promoting action of rare-earth oxides on the catalyzing properties of aluminum-chromium catalysts. E.M. Mikhachov, Iu.S. Khodakov, O.D. Steril'gov. Tekhnicheskaya informatsiya 6 no.3:361-366 My-Je '66.

- Separation of rare-earth elements from thorium, scandium, and uranium by the extraction with oxalic acid. L.L. Galina. Radiokhimiia 8 no.3: 353-355 '66.

- State of investigations of the systems $\text{La}_2\text{O}_3 - \text{ZrO}_2$, $\text{GeO}_2 - \text{ZrO}_2$, and $\text{Nb}_2\text{O}_5 - \text{ZrO}_2$. A.I. Lashov, P.V. Keler, A.B. Andreeva. Izv. AN SSSR, Neorg. mat. 2 no.4:1047-1054 Ju '66.

RAREFIED GAS DYNAMICS

- Collisionless shock waves in a rarefied plasma. B.A. Borozin, B.Kh. Kurumalov, Iu.E. Neeterikida. Fiz. gor. i plazmy no.1:3-20 '66.

- Method for solving problems concerning aerodynamics of slightly rarefied gas. V.A. Tsybarov. Vest. IAU 21 no.13:101-100 '66.

- Use of method of moments in case of hypersonic rarefied gas flow past bodies. Iu. Shilashv. Vest. IAU 21 no.13:101-112 '66.

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- RELIGION AND COMMUNISM** see Communism and religion
- RELIGION AND LAW**
We should amend the laws which regulate the activities of religious groups. M. Holodnyi. Rad.pravo 29 no. 8:52-55 Ag '66.
- RELIGION AND SOCIOLOGY** see subdivision under Asia
- RELIGION AND STATE**
Religion and politics. Az. i Afr. seg. 10 no. 8:7-8 Ag '66.
We should amend the laws which regulate the activities of religious groups. M. Holodnyi. Rad.pravo 29 no. 8:52-55 Ag '66.
- REMOTE CONTROL**
Evaluation of the construction principles of remote control systems used in power engineering. B. K. Skirta. *Energ. i elek.*, no. 3:28-30 My-Je '66.
Lozhak, I. A., and others. [Radio central control service in construction; experience of Rostov Administration of Main North Caucasian Construction Trust] Radio-dispatchnaya svyaz' v stroitel'stve; opyt Rostovskogo upravleniya stroitel'stva Stavropol'skaya. Moskva, Stroizdat, 1965. 23 p. (Novosti stroitel'noy tekhniki SSSR)
[Remote control of power supply systems of electrically operated railroads] Teleupravleniya ustroystvami energosnabzheniya na elektrifitsirovannykh zheleznnykh dorogakh. [By] T. E. Kheifits i dr. Moskva, Transport, 1966. 214 p. diagrs. (insert)
- REMOTE CONTROL—ABSTRACTS**
[Automatic control, remote control, and computer technology] Ref. zhur.: Avtom., telemekh. i vych. tekhn. no. 7 Ji '66.
- RENT**
Emel'yanov, A. M. [Differential rent in socialist agriculture] Differentsial'naya renta v sotsialisticheskoy sel'skom khoziaistve. Moskva, Ekonomika, 1965. 98 p. (Aktual'nye problemy ekonomiki sel'skogo khoziaistva dlia zarlatii v vysshem zvene politicheskogo obrazovaniya, no. 4) (MH)
RENT—ACCOUNTING
The new instructional materials. Bukhg. uchel. no. 6:75-77 Je '66.
RENT (ECONOMIC THEORY)
Absolute land rent as a historically passing category of capitalism. L. Bulochnikova. Mir, ekon. i mezhdunar. otn. no. 7:109-114 '66.
Mamulov, A. P. [Marxist-Leninist theory on land rent and development of capitalism in agriculture] Marksistko-leninskoe uchenie o zemel'noi rente i razvitiy kapitalizma v sel'skom khoziaistve. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1965. 155 p. (CSI-H)
- RENTING OF EQUIPMENT, ETC.**
Execution of contracts for the rental of equipment. H. Tsyenko. Rad.pravo 29 no. 8:50-51 Ag '66.
- RENTING OF EQUIPMENT, ETC.—FINANCE** see subdivision under Voronezh Province
- REPIN, IL'IA EFIMOVICH, 1844-1930**
Two rare photos. Sov. arkh. no. 3:73 '66.
- REPRESENTATION OF SURFACES** see Surfaces, Representation of
- REPRODUCTION**
Biology of reproduction of hedgehogs (*Eriacus europaeus* L.). T. A. Adol'f. Zool. zhur. 45 no. 7: 1108-1111 '66.
Nature of the postirradiation recovery of yeast cells from dominant lethality following temporary reproduction delay. V. S. Barsukov, O. V. Malinovsky, N. M. Mitushova. Genetika no. 4:136-140 Ap '66.
- REPTILES** see subdivision under Uzbekistan
- REPTILES, FOSSIL**
New data on the venous system of the brain of fossil Therapsida. L. P. Tatarinov. Dokl. AN SSSR 198 no. 2:449-452 Ji '66.
- RESEARCH**
(see also subdivision under Akademgorodok; United States; White Russia)
For a further triumphal progress of Soviet science. Redokhimita 8 no. 3: 1-11 '66.
23d Congress of the CPSU on the objectives of science. Nauch. dokl. vya. shkoly; biol. nauki 8 no. 3:7-8 '66.
- RESEARCH, INDUSTRIAL**
Organization of scientific research based on the study and analysis of technical and patent information. E. P. Solodova, V. N. Antonov. Vop. izobr. no. 5:38-39 My '66.
- RESEARCH, INDUSTRIAL—ACCOUNTING**
Bashin, M. L. [Planning for research and experimental design] Planirovaniye nauchno-issledovatel'skikh i opytno-konstruktorskikh rabot. Moskva, Ekonomika, 1966. 215 p.
- RESEARCH, INDUSTRIAL—COSTS**
Calculation in a pilot enterprise. V. V. Volev, Bukhg. uchel. no. 6:37-39 Je '66.
- RESERPINE—THERAPEUTIC USE**
Difference of the pharmacotherapeutic effects of reserpine and serotonin in dicaine poisoning in adult and newborn mice. A. A. Zykov. Biol. eksp. biol. i med. 62 no. 7:64-67 Ji '66.
- RESIDUAL STRESSES**
Changes in residual stresses of heat and mechanically treated parts in the process of vibration tumbling. A. P. Babichev and others. Sbor. rab. NITM no. 11: 220-226 '66.
Deformation of the development workings in zones of residual bearing pressure in thick steel beds. G. I. Gritsko, G. P. Posokhov, V. N. Tsytsarkin. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:27-30 '66.
Residual stresses and cyclic strength of cold-drawn and tempered steel wire. L. A. Krasil'nikov. Stal' 26 no. 6:562-565 Je '66.
- RESINS** see Gums and resins
- RESINS, SYNTHETIC**
Determining distribution of molecular weights in phenol-formaldehyde resin modified by resin. V. A. Salamatova, M. I. U. Tikhvinskaya. Plast. massy no. 6:70-71 '66.
Krasnaya, B. A., A. A. Kirillova, and L. P. Zinabko. [Use of synthetic adhesives in the food industry] Primeneniye sinteticheskikh kleev v pishchevoy promyshlennosti. Moskva, TsINTPishcheprom, 1966. 33 p.
Thixotropic structure in acrylate latexes. N. I. Sereina, L. V. Ivanova, P. I. Zubov. Koll. zhur. 28 no. 3:450-453 My-Je '66.
- RESISTANCE TO HERBICIDES**
Change in the susceptibility of monocotyledons and dicotyledons to 2,4-D depending on soil moisture. I. M. Khodrovskii, Khim. v sel. khoz. 4 no. 8: 40-44 Ag '66.
- RESISTANCE TO INSECTICIDES**
Studying the acquired resistance to thiophosphoric preparations in the red spider *Panonychus ulmi*. A. Baleski. Khim. v sel. khoz. 4 no. 6: 10-20 Je '66.
- RESORCINOL**
Fusibility diagram of the ternary system urea - an-naphthol - resorcinol. A. G. Palobekov, A. G. Bergman. Zhur. ob. khim. 36 no. 7:1103-1108 Ji '66.
- RESPIRATION**
Changes in external respiration in lesion of the corobulb in dogs. V. S. Vasylovskiy. Fiziol. zhur. [Ukr.] 12 no. 4:471-477 Ji-Ag '66.
Characteristics of the "Sechenov reaction" of respiration in non-anesthetized frog originating following the discontinuance of excitation of interoceptors. V. I. Dorogochenkov. Trudy TSU 81:110-114 '66.
Effect of some radioprotective preparations on the respiration of mitochondria isolated from normal and irradiated tissues. N. I. Bichevskiy, E. P. Romantsev. Radiobiologiya 6 no. 4:598-600 Je '66.
Electrometric evaluation of the amount of air in a volume unit of the functioning lung. B. I. Mazhlich. Biol. eksp. biol. i med. 62 no. 7:115-117 Ji '66.
Formula and chart for the calculation of oxygen consumption based on a spirometabologram. A. A. Akhundov. Azerb. med. zhur. 43 no. 5:40-41 My '66.
Functional organization of the bulbar respiratory center. A. V. Val'dman, Ma Ch'uan-k'ang. Fiziol. zhur. 50 no. 7:703-702 Ji '64.
Mikhailov, V. V. [Sports and respiration] Sport i dykhanie. Izd. 2. Moskva, Fizkul'tura i sport, 1966. 39 p. (Biblioteka sportmena)
Posterioradicular respiratory afferent impulses during breathing under conditions of excess intrapulmonary oxygen tension. G. G. Chernova, M. V. Kirzon, A. M. Mass, Biol. eksp. biol. i med. 62 no. 7:30-34 Ji '66.
Significance of mechano- and chemoreceptors of the sino-carotid zones in the regulation of respiration and blood circulation. L. I. Ardashnikova. Biol. eksp. biol. i med. 61 no. 4:3-8 Ap '66.
State of excitability of the respiratory center in animals following lung excision. L. P. Cherkasskii. Biol. eksp. biol. i med. 61 no. 4:23-28 Ap '66.
- RESPIRATORY ORGANS—DISEASES**
Etiological and clinical characteristics of respiratory viral infections in children. V. V. Rytova and others. Sov. med. 28 no. 7:45-49 Ji '66.
Morphological changes in respiratory tract in intratracheal anesthesia. O. I. Dazan. Arkh. pat. 28 no. 6: 26-33 '66.
- Study of the functional state of the respiratory and cardiovascular systems in influenza and its complications. D. I. Pen and others. Sov. med. 20 no. 5:7-13 My '64.
- REST PERIODS**
Rest period. Sov. profsoyuzy 22 no. 14:42-44 Ji '66.
- RETAIL TRADE**
The five-year plan in the concern of millions. Sov. potrebn. koop. 10 no. 6:2-4 Je '66.
From practice in the establishment of norms for working capital. P. Oblovatukki. Sov. torg. 30 no. 7:40-41 Ji '66.
Market condition and its tendencies. N. Lokshin. Sov. potrebn. koop. 10 no. 6:33-35 Je '66.
- RETAIL TRADE—ACCOUNTING**
(see also subdivision under Germany, East)
Mechanization of accounting in retail-trade enterprises. Mekh. i avtom. proizv. 20 no. 7:50 Ji '66.
- RETAIL TRADE—EQUIPMENT AND SUPPLIES**
Supply retail trade with good material and technical foundation. M. Dantsov. Sov. potrebn. koop. 10 no. 6: 0-9 Je '66.
- RETAIL TRADE—MANAGEMENT**
First results. K. Skovoroda. Sov. torg. 30 no. 7:40-41 Ji '66.
Scientific labor organization. I. Begerov. Sov. torg. 30 no. 7:17-20 Ji '66.
- RETAINING WALLS—STANDARDS**
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Stroizdat.
Pl. 2. Sec. I. Ch. 10. [Retaining walls of hydraulic structures; design specifications] Podvesnyye steny gidrotekhnicheskikh sooruzheniy; normy proektirovaniya (SNIP II-1, 10-80). 1965. 99 p.
- RETARDED CHILDREN** see Slow learning children
- RETICULOENDOTHELIAL SYSTEM**
Morphological study of the effect of preventive immunization and blockade of the reticuloendothelial system on the course of radiation sickness. V. Kh. Vysotskiy, M. M. Pail, Z. D. Domnichenko. Biolog. i med. [Ukr.] 12 no. 4:554-559 Ji-Ag '66.
- REVOLUTIONARY SONGS**
With the "Internationale." Sim. Dreikont. Sov. torg. 30 no. 6:6-10 My '66.
- RHENIUM PLATING**
Mechanism of the electrodeposition of rhenium. A. A. Nikitina, Z. M. Suminskaya, A. T. Vagranian. Fizika met. 2 no. 3:340-352 My-Je '66.
- RHEIOLOGY**
Generalized rheological characteristics of plasticity porous systems. V. P. Pavlov, G. V. Vinogradov. Koll. zhur. 28 no. 3:424-430 My-Je '66.
New features of complete rheological curves of thixotropic cross-linked clay suspensions (complete rheological cycle). S. I. Zhukhovitskii. Dokl. AN SSSR no. 6:1340-1340 Je '66.
- RHEUMATIC FEVER**
Lesions of the peripheral nervous system in rheumatic fever and lupus erythematosus. T. A. Korotkaya. Trudy TSU 81: 37-40 '66.
Birakovskaya, V. L. [Exercises therapy for rheumatic children] Lechebnaia gimnastika dlia detei bol'nykh revmatizmom. Moskva, In-t sanitarnogo prosv. i fiz. i v. illus. (DNLM)
Ultramicromethod of the latex test. N. Lazarev. Lab. delo no. 6:466-469 '66.
- RHEUMATIC HEART DISEASE**
Significance of the turn of the heart in the diagnosis and surgical treatment of rheumatic defects. N. E. Kostuchenok, S. G. Shcherba. Sov. med. 28 no. 7: 87-90 My '66.
- RHEUMATISM—CONGRESSES**
Kiev. Ukrainskii nauchno-issledovatel'skii institut khimicheskoi meditsiny. [Rheumatism and its related materials of republic scientific and practical conference, June 17-20, 1964] Rumatizm i bor'ba s nym; materialy respublikanskoi nauchno-prakticheskoi konferentsii 17-20 iyunia 1964 goda. Kiev, Zdorov'ia, 1964. 188 p. (DNLM)
- RHEUMATOID ARTHRITIS** see Arthritis, Rheumatoid
- RHINOSCLEROMA**
Immunological changes in persons from scleroma and the incidence of scleroma. A. P. Krasil'nikov and others. Zhur. mikrobiol., epid. i immunit. 43 no. 1: 116-121 Ag '66.

- RHINOSCLEROMA—MICROBIOLOGY**
Phage typing of rhinoscleroma bacillus and its epidemiological significance. A. P. Kravtsov, N. A. Izrael'. Zhur. mikrobiol., epid. i immun. 43 no. 7:32-36 JI '68.
- RHIZOSPHERE MICROBIOLOGY**
Effect of different nitrogen fertilization methods on the microflora of the rhizosphere and roots of an onion. A. M. Babushenko, V. N. Donchenko. Izv. AN Kazakh. SSR, Ser. biol. 4 no. 3:36-42 My-Je '68.
Interrelationship between plants and root bacteria. Z. A. Arkad'eva. Nauch. dokl. vyzhskoly; biol. nauk 9 no. 3: 186-193 '68.
- RHODANINE**
Synthesis and properties of rhodanine obtained from leucine. I. I. Koptchuk. Farmatsevt. zhur. 21 no. 3: 13-17 '68.
Synthesis of rhodanine derivatives on the basis of α -amino butyric acid. L. A. Lada. Farmatsevt. zhur. 20 [1, 2] no. 4:14-18 '68.
Synthesis of rhodanines on lysine basis. I. U. D. Kovaliv, B. M. Turkevych. Farmatsevt. zhur. 20 [1, 2] no. 4:22-27 '68.
- RHODESIA—POLITICS AND GOVERNMENT**
More deception in Rhodesia. M. Kremnev. Nov. vrem. 24 no. 36:16-18 S '68.
- RHODODENDRON** see subdivision under Daghestan
- RHUBARB** see subdivision under T'ien Shan
- RIBONUCLEASE**
Autoradiographic analysis of the effect of actinomycin D and ribonuclease on the DNA synthesis in Ehrlich's ascitic cells. V. A. Aronov. TSitologiya 5 no. 3: 365-370 My-Je '68.
Effect of deoxyribonuclease I on live cells in an animal organism and tissue culture. I. S. Gubenko. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:78-85 '68.
- RIBS**
Methodology of osteometry of ribs in examination of skeletal remains. A. I. Turvov. Sud.-med. eksp. 9 no. 3:27-29 JI-S '68.
- RIBS—CANCER**
Chondrosarcoma of the thoracic wall with a tumorous thrombosis of the pulmonary artery. S. I. Lipkin. Ortop., travn. i protez. 27 no. 5:61-64 My '68.
- RICE**
(see also subdivision under Sarpa Lake region)
Rice as wealth of irrigated lands. K. Kirichenko, A. Smetanin. Zerk. i masl. kol't. 1 no. 1:33-35 '68.
- RICKETTSIA**
Natural variability of Rickettsia tsutsugamushi. I. V. Tarasovich. Zhur. mikrobiol., epid. i immun. 43 no. 8:30-36 Ag '68.
Study of the immunological properties of a soluble Rickettsia prowazekii antigen. Report No. 3: Immunological properties of serological "mate" fractions of soluble antigen. E. P. Lukin, A. A. Vorob'ev, N. N. Vasil'ev. Zhur. mikrobiol., epid. i immun. 43 no. 8:83-89 Ag '68.
Use of the fluorescent serological method for the determination of infection of the Trombiculidae mites with Rickettsia tsutsugamushi. L. V. Miroshnova, N. I. Kudachukova, I. V. Tarasovich. Zhur. mikrobiol., epid. i immun. 43 no. 7:36-38 JI '68.
- RICKETTSIA—CULTURES AND CULTURE MEDIA**
Cultivation of the pathogen of tsutsugamushi fever in tissue cultures. R. G. Diulskova, I. V. Tarasovich. Zhur. mikrobiol., epid. i immun. 43 no. 7:130-132 JI '68.
- RIDDLES**
[Think it over and you will have the answer; Russian folk riddles] Podumat' - otvetit'; russkie narodnye zagadki. Moskva, Detskaya lit-ra, 1964. 11 p. illus. (Shkol'naya biblioteka dlia nerusskikh shkol) (MIEM)
- RIEMANN SURFACES—BOUNDARY VALUE PROBLEMS**
Boundary value problems with translation on abstract Riemann surfaces. B. I. Zverovich. Sib. mat. zhur. 7 no. 4:804-819 JI-Ag '68.
- RIFLE PRACTICE**
The athlete-rifleman's training. V. Gorduk. Voen. znani. 42 no. 8:38-39 Ag '68.
The most urgent needs. V. Shamburkin. Voen. znani. 42 no. 7:41 JI '68.
- RIGA—TECHNICAL LIBRARIES**
Work of Library of Riga Polytechnic Institute and its role in education of Latvian engineers and technicians. D. J. Tomson. Tekh. bibliot. SSSR no. 7:20-23 '68.
- RIGA—WASHING MACHINES**
Organizing the manufacture of washing machines in consumer goods shops. V. A. Kirichenko. Biul. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 6:61-62 Je '68.
- RIGHT OF ASYLUM** see Asylum, Right of
- RIMSKI-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1903**
After a long neglect. I. U. Muromtsev. Sov. muz. 30 no. 5:57-62 My '68.
- RINGS (ALGEBRA)**
Algebras of the first degree. L. R. Busarkina, N. F. Seeskin. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1: 28-34 '65.
Analog of Bass' theorem for moduli of representations of noncommutative orders. A. V. Rotter. Dokl. AN SSSR 168 no. 6:1261-1264 Je '66.
Locally nilpotent quasi-rings. L. A. Gringlas. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:35-42 '65.
Rings associative by the modulus of their radical. P. A. Friedman. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1: 67-72 '65.
Rings with left-ideal chains. L. A. Skornjakov. Izv. vyzhsk. zav.; mat. no. 4:114-117 '66.
Some set-theoretic divisions of rings. L. R. Busarkina. Mat. zap. Ural. mat. ob-va UrGU 5 no. 1:15-27 '65.
- RISERS (FOUNDING)**
Design and calculation of risers for casting aluminum-silicon system alloys. R. Sh. Safarov, G. M. Dubitskii. Trudy Ural. politekh. inst. no. 14:79-82 '65.
- RISTOMYCINS**
Gauze, G. F., ed. [Ristomycin and its clinical use] Ristomitsin i ego primeneniye v klinike. Moskva, Meditsina, 1965. 123 p. (DNLM)
- RIVERS**
Mechanism of channel processes. S. M. Isakian. Izv. AN Arm. SSR, Nauka o zem. 19 no. 3:81-93 '68.
- RIVERS—REGULATION**
Hydraulic calculation of streams contracted by single and paired spur dikes in the rapids of timber floating rivers with less than critical bottom gradients. M. M. Ovchinnikov. Izv. vyzhsk. zav.; les. zhur. 9 no. 3:51-60 '68.
Transverse circulation and the hydraulic foundations of a cut. L. Kozlyrenko. Rech. transp. 25 no. 7:32-34 '68.
Use of the waste products of the woodpulp and paper industry to strengthen earth regulating structures. I. A. Anushkin. Rech. transp. 25 no. 7:34-35 '68.
- ROAD CONSTRUCTION**
TSentralnyi institut normativnykh issledovaniy i nauchno-tekhnicheskoi informatsii v transportnom stroitel'stve. [The exhibition of the Achievements of the National Economy on transportation construction] VDNKh o transportnom stroitel'stve. Moskva, 1965. 54 p. (Tekhnicheskaya informatsiya)
- ROAD CONSTRUCTION WORKERS** see subdivision under Ala-Bol' Pass
- ROAD MACHINERY—ABSTRACTS**
[Construction equipment and road machinery] Ref. zhur.: Stroil. i dor. mash. nos. 6-7 Jo-JI '68.
- ROADS—ABSTRACTS**
[Highways] Ref. zhur.: Avt. dor. no. 7 JI '68.
- ROADSIDE IMPROVEMENT**
Snowbound roads in the Central Urals. A. V. Ershov. Izv. vyzhsk. zav.; les. zhur. 9 no. 3:32-35 '68.
- ROBOTS** see Automata
- ROCK DRILLS—PNEUMATIC DRIVE**
Main trends in improving manual air drills. A. N. Fedotov. Vozryv. delo no. 58/15:118-129 '68.
- ROCK MECHANICS**
Distribution of stresses and the rate of displacements in a plastic zone surrounded by a smooth boundary. V. K. Vostrov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:13-19 '66.
Studying an axially symmetric dynamic field of displacements in an elastic half-space. V. S. Nikiforovskii, N. I. Onis'ko. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:19-30 '66.
- ROCK MECHANICS—CONGRESSES**
All-Union conference on physics of rocks and processes. L. N. Levushkin. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:135 '68.
- ROCK MECHANICS—MODELS**
Studying stress distribution in a model of rocks under the effect of the impact of boring bit edges. K. I. Ivanov, I. S. Babenkov, G. L. Khieskin. Vozryv. delo no. 58/15:227-237 '68.
Studying stress distribution in rocks during percussion boring. S. A. Brylov, L. G. Grabchak. Vozryv. delo no. 58/15:237-244 '68.
- ROCK MECHANICS—RESEARCH**
Directions and the formulation of analytical research in rock mechanics. G. A. Krupenikov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:3-18 '66.
Overall investigation of physico-mechanical properties of rocks. R. I. Teder. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:3-7 '68.
- ROCK PRESSURE**
Studying the pressure and displacement of rocks with lowering of the mining level in extended Krivoy Rog deposits. D. Z. Shish. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:20-26 '66.
- ROCK SALT** see subdivision under Siberia, Eastern
- ROCKET ENGINES—ABSTRACTS**
[Aircraft and rocket engines] Ref. zhur.: Av. i raket. dvig. no. 7 JI '68.
- ROCKETRY—ABSTRACTS**
[Rocket building] Ref. zhur.: Raketostr. no. 7 JI '68. Predmetnyi ukazatel' za 1965 g.
- ROCKETS (ORDNANCE)**
The powerful rocket units. K. Kazakov. Voen. znani. 42 no. 7:5-6 JI '68.
- ROCKS—CLEAVAGE**
Possibility of using elastic transversal waves for the study of cracks in rocks. K. D. Klem-Musatov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:41-47 '68.
- ROCKS—ELASTIC PROPERTIES**
Comparative estimate of dynamic and static methods for determining the elastic properties of rocks. I. A. Turchaninov, V. I. Panin. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:45-53 '66.
Elastic capacitance of a well zone. O. M. Pechorin. Neft. khoz. 44 no. 8:14-16 Je '66.
Vatolin, E. S. [Some dynamic properties and the nature of the deformation of rocks] Nekotorye dinamicheskie svoystva i priroda deformirovaniya gornykh porod. Moskva, Nauka, 1966. 61 p.
- ROCKS—OPTICAL PROPERTIES**
Interpretation of interference band patterns in dynamic photoelasticity. V. D. Bellakov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:54-58 '66.
- ROCKS—PERMEABILITY**
Determination of water vapor pressure and the moisture content in rocks. L. O. Filippenko, A. N. Shcherban. Fiz.-tekhn. probl. razrab. pol. iskop. no. 2:146-148 '66.
Effect of interfacial tension of connate water on the permeability of rocks in oil flow. B. D. Panov, V. F. Silkin. Neft. khoz. 44 no. 6:39-42 Je '66.
- ROCKS—RADIOACTIVE PROPERTIES**
Method of measuring cement rise and the quality of column cementing based on measurements of the natural radioactivity of rocks. I. P. Prilipko and others. Neft. i gaz. prom. no. 2:14-17 Mr-Ap '68.
- ROCKS—TESTING**
Breaking of rocks by shock pulses generated by variously shaped pistons. K. I. Ivanov, V. D. Andreev. Vozryv. delo no. 58/15:244-253 '68.
Force of rolling of toothed roller bits over the working face depending on the properties of rocks. L. I. Baron, L. B. Glatman, B. M. Logunov. Vozryv. delo no. 58/15: 280-286 '66.
Overall investigation of physico-mechanical properties of rocks. R. I. Teder. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:3-7 '66.
Some basic positions of testing rocks from the viewpoint of engineering geology. N. V. Kolomenskii, I. N. Ivanova. Izv. vyzhsk. zav.; geol. i razv. 9 no. 6: 85-91 Je '66.
- ROCKS, CARBONATE**
(see also subdivision under Kola Peninsula)
Characteristics of the formation of Iceland spar in carbonate rocks. N. I. Andrusenko, N. I. Ufn. Trudy VNIIP [MS] 4 no. 2:20-48 '60.
- ROCKS, CRYSTALLINE AND METAMORPHIC**
(see also subdivision under Atbasht Range; Maritime Territory)
Effect of temperature on the composition of biotite in metamorphic rocks. A. A. Marakushov. Izv. AN SSSR, Ser. geol. 31 no. 7:21-38 JI '68.
- ROCKS, IGNEOUS**
(see also subdivision under Bug Valley; Caucasus; Caucasus, Northern; Chersky Range; Yakutia; Dnieper Valley; Kazakhstan; Lovozero Tundra; Sikhote-Alin Range; Yakutia)
Dispersion holes around the intrusives of metasomatically altered granitoids. I. U. Tamnikov, B. M. Tunin. Izv. vyzhsk. zav.; geol. i razv. 9 no. 6: 45-49 Je '66.
Role of structural factors in the distribution of Iceland spar deposits related to intrusive trap rocks. N. I. Andrusenko, S. A. Kuzovkin. Trudy VNIIP [MS] 7:159-168 '62.

ROCKS, IGNEOUS—ANALYSIS

- Petrochemistry of iron group elements in the facies-formational analysis of complexes of igneous rocks. I. I. Abramovich. *Geol. i geofiz.* no. 3:156-161 '66.
- Study of some mineral equilibria in connection with the problem of facies aluminosity and the depth of occurrence of nepheline syenites. L. L. Perchuk. *Izv. AN SSSR, Ser. geol.* 31 no. 7:48-63 '66.

ROCKS, SEDIMENTARY

(see also subdivision under Black Sea; Turkmenistan)

- Possibility of using some paleogeographic characteristics for explanation of general conditions of formation of continental sediments. N. N. Berzilin. *Vest. LGU* 21 no. 12:16-22 '66.

Shantser, E. V. [Principles of the studies of genetic types of continental sedimentary formations] *Ocherki ucheniya o geneticheskikh tipakh kontinental'nykh osadочnykh obrazovaniy*. Moskva, Nauka, 1966. 239 p. (Akademiya nauk SSSR, Geologicheskii institut. *Trudy*, no. 161)

ROCKS, SEDIMENTARY—ANALYSIS see subdivision under Fergana Province

RODENTS—EXTIRPATION see subdivision under Aral Sea region

RODENTS AS CARRIERS OF DISEASE see subdivision under Sverdlovsk Province

ROLLING (METALWORK)

Applying the correspondence principle to the rolling in grooves and with a smooth barrel. V. S. Smirnov, A. K. Grigor'ev, N. Kh. Davit'bekov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:93-97 '66.

Electrohydraulic servo system for strip centering. I. U. S. Gorn'itskii, A. Kh. Osandchii, Mekh. i avtom. upr. no. 3:4-7 '66.

Induction heating of the rollers of sheet rolling mills. F. I. Gorin. *Prom. energ.* 21 no. 6:6-7 '66.

Investigating pressure on rolls in rolling in box-type passes. A. S. Vashakidze, D. A. Sharsheindze. *Sob. AN Gruz. SSR* 43 no. 1:173-177 '66.

Profile of the rolls taking into account their speed gain during the longitudinal rolling of varying cross section shapes. A. P. Chekmarev, V. S. Likhanskii. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:87-92 '66.

Semiautomatic machine for rolling rings. A. Vasiliska. *Tekhn. i org. proizv.* no. 1:66-70 '66.

Slip during helical rolling. Report No. 1. V. I. A. Osadchii, V. B. Lendashin. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:110-113 '66.

Some problems in the efficient provision of rolled metal products for the national economy. I. A. D. Lozovoi. *Trudy DNHK* no. 42:3-19 '66.

Structural heterogeneity of transformer steel following hot rolling. S. I. Bulat, L. V. Mironov. *Fiz. met. i metalloved.* 21 no. 5:744-749 '66.

ROLLING (METALWORK)—MATHEMATICAL MODELS

Construction of a mathematical model of the sheet rolling process. Report No. 2. V. P. Polukhin. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:80-86 '66.

ROLLING (METALWORK)—QUALITY CONTROL

Improving the quality of cold-rolled sheets with deoxidation of 20 sp steel by ferroaluminum. S. F. Karp and others. *Stal'* 26 no. 6:517-518 '66.

ROLLING CONTACT

Analytic determination of the time of toothed roller bits contacting the rock. L. I. Baron and others. *Vzryv. delo* no. 58/15:266-272 '66.

Applying the correspondence principle to the rolling in grooves and with a smooth barrel. V. S. Smirnov, A. K. Grigor'ev, N. Kh. Davit'bekov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:93-97 '66.

ROLLING MILLS

(see also subdivision under Yenakiyev, Donetsk Province)

Mechanized detainer for laying out rolled stock. G. K. Gorobets, M. A. Shalia, I. K. Furmanski. *Tekhn. i org. proizv.* no. 1:59-60 '66.

Selecting efficient conditions of rolling for automatically controlled slabbing mills. A. N. Lenskii, P. I. Skichko, V. I. Bol'shakov. *Trudy Dnepr. inst. cher. met.* 19:44-52 '66.

ROLLING MILLS—DESIGN AND CONSTRUCTION

Redesigning tandem light-section mills. A. P. Chekmarev and others. *Stal'* 26 no. 6:526-530 '66.

ROLLING MILLS—ELECTRIC DRIVING

Method of calculating the nonlinearity of extrinsic characteristics in studying systems of electric valve drives. V. I. Loshkarev. *Trudy Dnepr. inst. cher. met.* 19:139-143 '66.

Noncontact protection of electric drives of reversible rolling mills. M. A. Braunshtein, A. A. Pivovarov. *Mekh. i avtom. proizv.* 29 no. 7:36-39 '66.

Studying the dynamics of the transmission line of vertical slabbing mill rolls. S. N. Kozhevnikov, V. I. Bol'shakov. *Trudy Dnepr. inst. cher. met.* 19:73-78 '66.

Studying the effect of the parameters of the electronic amplifier and the starter unit on transients in the URV-D (controlled rectifier) system for the drive of a continuous rolling mill stand. S. D. Grinberg, V. I. Loshkarev. *Trudy Dnepr. inst. cher. met.* 19:128-138 '66.

Studying the URV-D (controlled rectifier) system of drive for a continuous mill stand by means of an electronic model coupled with a test unit of the system. S. D. Grinberg, I. U. P. Karpinski, V. A. Chigrinski. *Trudy Dnepr. inst. cher. met.* 19:119-127 '66.

ROLLING MILLS—EQUIPMENT AND SUPPLIES

Coefficient of filling-up of a "Garret"-type roller drum with the metal. S. N. Kozhevnikov, A. V. Litvin. *Trudy Dnepr. inst. cher. met.* 19:144-149 '66.

Comparative analysis of the performance of screw-down devices on roughing mills. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 19:59-72 '66.

Dynamics of ingot turning with the use of hook and angle manipulators. S. N. Kozhevnikov, A. V. Pradnikov, E. A. Smolnitskii. *Trudy Dnepr. inst. cher. met.* 19:79-90 '66.

Eddy current thickness measuring device for the thickness control of a hot sheet on medium-thick sheet mills. G. M. Kukhtevich and others. *Trudy Dnepr. inst. cher. met.* 19:180-184 '66.

Experimental investigation of the work of an ingot car. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 19:25-29 '66.

ROLLING MILLS—SPEED

Dynamic characteristics of the main drive of continuous rolling mills. S. N. Kozhevnikov, O. N. Kukuishkin. *Trudy Dnepr. inst. cher. met.* 19:112-118 '66.

Requirements of a rapid-action power drive for loop regulating systems on continuous mills. *Trudy Dnepr. inst. cher. met.* 19:103-111 '66.

ROLLING MILLS—TESTING

Parameters of force and power for thin-walled pipe rolling on pilgrim mills. M. M. Gorenshstein and others. *Stal'* 26 no. 6:532-535 '66.

ROLLS (ROLLING MILLS)

Profile of the rolls taking into account their speed gain during the longitudinal rolling of varying cross section shapes. A. P. Chekmarev, V. S. Likhanskii. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 7:87-92 '66.

Properties of mottled cast iron alloyed with Cr, Ni, and V for rolling mill rolls. T. S. Skoble and others. *Liz. proizv.* no. 5:43-45 '66.

ROLLS (ROLLING MILLS)—DESIGN AND CONSTRUCTION

Grooving the work rolls of continuous four-high rolling mills. V. P. Volegov, M. E. Frodenzon, A. A. Zhdanov. *Stal'* 26 no. 6:523-525 '66.

ROMAN NUMISMATICS see Numismatics, Roman

ROMANCE LANGUAGES

Reforovskaya, E. A. [Sources of the analyticity of the Romance languages; essays on the syntax of early medieval Latin] *Istoki analitizma romanakikh iazykov; ocherki po sintaksisu rannosrednevekovoy latyni*. Moskva, Nauka, 1966. 150 p.

ROMANOV, IVAN DMITRIYEVICH, 1906-

Ivan Dmitriyevich Romanov; on his 60th birthday. E. N. Gerasimova-Navashina, A. A. Chakannova, T. Situlogina. *Stal'* 26 no. 6:559-561 '66.

ROMASHKINO OIL FIELD—OIL WELL DRILLING

Means for increasing drilling efficiency in the Romashkino field. P. I. Kovtunenkov and others. *Burenie* no. 7:11-14 '66.

RONDO ISLAND (LENINGRAD PROVINCE)—HISTORY, MILITARY

Kolomo, A. P. [Attack near Ruoni Island] *Udar u ostrova Ruoni*. Moskva, Voennoe izd-vo, 1965. 30 p. (Gerolcheskoe proshloe nashel Rodiny) (IV)

ROOFS—HEATING AND VENTILATION

Leichenko, V. G. and N. L. Bochkovskaya. [Ventilated built-up roofs made from three-dimensional panels] *Sovmestnyye ventiliruyemye pokrytiya iz ob'emykh panelei*. Kiev, Budivelnik, 1966. 47 p.

ROOT ROT

Root rot and poorly filled ears of spring wheat. N. I. Mikhailina, M. V. Gortenko. *Nauch. dokl. vys. shkoly; biol. nauki* no. 3:190-194 '66.

ROOTS (BOTANY)

Anatomy and morphology of the root formation in laurel cuttings. Z. Sh. Gabrieldze. *Subtrop. kul't.* no. 1:133-139 '66.

Characteristics of the care of intertillage in oak forest plantations in connection with the development of root systems. F. M. Levon. *Izv. vys. ucheb. zav.; les. zhur.* 9 no. 3:21-25 '66.

Development and lignification of radicle and other tissues in sugar beet varieties of Alma-Ata Province. A. A. Alimkulov, T. Muratov. *Izv. AN Kazakh. SSR, biol.* 4 no. 3:53-58 '66.

Effect of root system strength on photosynthesis activity of leaves and chlorophyll accumulation. V. V. Kazarian. *Dokl. AN Arm. SSR* 42 no. 5:591-592 '66.

Effect of some factors on nitrate reduction by grape rootlets. M. V. Kikhlidze. *Sob. AN Gruz. SSR* 41 no. 1:193-198 '66.

Mechanism of the susceptibility of different corn varieties to the level of root feeding. E. L. Khimicheskaya. *Dokl. AN SSSR* 160 no. 5:1212-1213 '66.

Root system of corn in residual solonchaks-type soils. I. O. Baltalin. *Vest. mel'dhoz. nauki [Kazakh.]* 1966. 14-17 '66.

ROOTS (BOTANY)—MICROBIOLOGY

Effect of different nitrogen fertilization methods on the microflora of the rhizosphere and roots of corn. A. M. Babichenko, V. N. Danchenko. *Izv. AN SSSR, Ser. biol.* 4 no. 3:36-42 '66.

ROSSI, KARL IVANOVICH, 1745?-1819

Pukinskii, B. K. [The Rossi entomologist; Ostrovskii Square, Architect Rossi Street, Lomonosov Square] *Annambl' Rossi; Pionchad' Ostrovskogo, Alimul' Ostrovskogo Rossi, pionchad' Lomonosova*. [Leningrad] *Letopisdat*, 1965. 52 p. (Turbin o Leningrade)

ROSTOV-ON-DON—TEACHERS, TRAINING OF

Practice which has produced good results. *K. Dnepr. nar. obr.* no. 8:16-20 '66.

ROSTOV PROVINCE—ACCOUNTING

In step with life. M. Nazarov. *Dukh. obrat.* no. 6:14-15 '66.

ROSTOV PROVINCE—AGRICULTURE

Geographical analysis of natural conditions in planning agricultural production; as revealed by actually existing Rostov Province. V. I. Kotlovskii. *Pril. k Mirov. rev. geol.* 41 no. 3: 149-150 '66.

ROSTOV PROVINCE—BAPTISTS

In memory of Viktor Aleksandrovich Selivanov, Elder Prombyter in Rostov Province. A. I. Mitroshin. *Brat. vest.* no. 1:76-78 '66.

ROSTOV PROVINCE—LAW ENFORCEMENT

Standing committee on socialist legality strengthens law and order. A. Molotov. *Sobremenn.* no. 5:15-16 '66.

ROSTOV PROVINCE—SOVIETS

Standing committee on socialist legality strengthens law and order. A. Molotov. *Sobremenn.* no. 5:15-16 '66.

ROSTOV PROVINCE—WEED CONTROL

At the Rostov railroad unit. K. Zhuravskii, A. Bol'shakov. *Zashch. rast.* 11 no. 7:49 '66.

ROTATING MASSES OF FLUID

Spatial anisotropy of the viscous properties of rotating helium II. D. Zh. S. Tsukadze. *Fiz. mat. temp.* no. 1:1-50 '66.

ROTATION OF CROPS

Development of system of fertilization in crop rotation. K. F. Buvinskii. *Zemledelie* 20 no. 7:53-57 '66.

Each brigade should practice crop rotation. I. Chizovskikh, V. Kudinov. *Zemledelie* 20 no. 7:38-41 '66.

For creative approach. A. A. Demidov. *Zemledelie* 13 no. 7:51-52 '66.

Improve land inventory, master the rotation of crops more rapidly. I. A. P. Gordin. *Zemledelie* 21 no. 3:32-37 '66.

Pea in crop preceding winter wheat. S. V. Kaplunovskii. *Zemledelie* 20 no. 7:41-43 '66.

Take into consideration weediness and moisture of soil. S. A. Naumov, V. I. Lavashova. *Zemledelie* 20 no. 7:47-49 '66.

Winter crops in crop rotation. V. I. Kishchenko. *Zemledelie* 20 no. 7:43-44 '66.

ROZANOV, BORIS SERGEEVICH, 1896-

Boris Sergeevich Rozanov. *Khirurgiya* 42 no. 6:3-4 '66.

ROZDOL (LVOV PROVINCE)—MINERS—DISEASES AND HYGIENE

Carriage of pathogenic Staphylococci among workers of the Rozdol Mining, Ore Dressing and Chemical Processing Combine. R. G. Patti. *Zhur. mikrobiol. i immun.* 43 no. 8:148 '66.

RUDAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946

Rudakin on self-education. L. Ioffina. *Nar. obr.* no. 8:41-61 '66.

RUBBER

Adsorption interaction of surface-active substances with polymers. Part 1: Wetting of rubber surfaces by emulsifier solutions. V.N. Vereshnikov, L.V. Viasova, R.E. Neiman. Koll.zhur. 28 no.3:328-333 My-Je '66.

RUBBER-TESTING

Effect of vulcanizing structures and network parameters on the tensile strength of vulcanizates. B.A. Dogadkin and others. Koll.zhur. 28 no.3:353-361 My-Je '66.

RUBBER, RECLAIMED

Effect of certain factors of regeneration on carbon black structures of rubber. B.L. Babitskii and others. Koll.zhur. 28 no.3:321-325 My-Je '66.

Influence of rubber regeneration conditions on black structures of the reclaim. V.F. Drozdovskii and others. Koll.zhur. 28 no.3:362-365 My-Je '66.

Moscow. Nauchno-issledovatel'skii institut shinnoi promyshlennosti. [Regeneration and other methods for the processing of old rubber.] Regeneratsiia i drugie metody pererabotki staroi reziny; sbornik statei. Pod red. V.E. Gula, P.N. Orlovskogo i I.A. Shokhina. Moskva, Khimika, 1966. 138 p.

RUBBER, SYNTHETIC

Gail-Ogly, E.A., A.S. Novikov, and Z.N. Nudel'man. [Fluoroelastomers and rubbers based on them] Fluorokautchuki i reziny na ikh osnove. Moskva, Khimika, 1966. 234 p.

RUBBER, SYNTHETIC-SPECTRA

Influence of the nature of black surface on the relaxation properties of extended rubbers. N.N. Lezhnev and others. Koll.zhur. 28 no.3:420-423 My-Je '66.

RUBIDIUM COMPOUNDS-ELASTIC PROPERTIES

Effect of pressures up to 20 kbars on the elastic properties of rubidium chloride and iodide. F.F. Voronov, V.A. Goncharova. Zhur. eksp. i teor. fiz. 50 no.5: 1173-1182 My '66.

RUBINSHTEN, SERGEI LEONIDOVICH, 1880-1960

From S.L. Rubinshten's unpublished manuscript "Man and the world." Vop.filos. 20 no.7:161-170 '66.

RUMANIA--BIBLIOGRAPHY

[New literature on Rumania] Nov. lit. po Rum. no.6 '66.

RUMANIA--CONSTITUTION

The constitutional development of socialist Rumania. O.M. Olteanu. Vest. Mosk. un. Ser.12:Pravo 21 no.2: 59-62 Mr-Apr '66.

Special features of the new constitution of the Rumanian Socialist Republic. L.D. Voevodin, D.L. Zlatopol'skii. Vest. Mosk. un. Ser.12:Pravo 21 no.2:63-69 Mr-Apr '66.

RUMANIA--ECONOMIC CONDITIONS

[Rumania in facts and figures] Rumynia v tsifrakh i faktakh. Bucharest, Meridiane, 1964. 68 p.

RUMANIA--HISTORY

Grosul, V.I.A. [Reforms in the Danube principalities and the role of Russia, the 1820's and 1830's] Reformy v Dunaiskikh kniazhestvakh i Rossiia (20-30 gody XIX veka). Moskva, Nauka, 1966. 406 p.

RUMANIA--PATENTS--BIBLIOGRAPHY

TSentralnyi nauchno-issledovatel'skii institut patentnoi informatsii i tekhniko-ekonomicheskikh issledovani. [Patent collection of Socialist Republic of Rumania]; bibliographic collection of patents in force. Patentnyi fond Sotsialisticheskoi Respubliki Rumynii; bibliograficheski sbornik deistvuiushchikh patentov. Moskva, Gos. kom-ty po delam izobretenii i otkrytiy SSSR, 1966. 48 p.

RUMANIA--POLITICS AND GOVERNMENT

In the light of the years. Nov. vrem. 24 no.34:3-4 Ag '66.

RUMANIA--RELATIONS (GENERAL) WITH RUSSIA

Grosul, V.I.A. [Reforms in the Danube principalities and the role of Russia, the 1820's and 1830's] Reformy v Dunaiskikh kniazhestvakh i Rossiia (20-30 gody XIX veka). Moskva, Nauka, 1966. 406 p.

RUMINANTIA--FEEDING AND FEEDS

Increasing the biological value of rations for ruminants using "crystal" pellets. U.A. Sokolov, A.N. Bulko-Rogalovich. Khim. v sel. khoz. 4 no.8:52-56 Ag '66.

RUNNING

Gavrilin, V. [Special assignment; essays] Osoboe zadanie; ocherki. Moskva, Izd-vo gazety "Krasnaya zvezda" 1966. 29 p. (Biblioteka "Krasnoi zvezdy," no.12(192))

RUNOFF

(see also subdivision under Chikmont Province; Dzhambul Province; Mikh Creek Watershed, Ohio)

Soil percolation as related to turbidity of water. L.I. Rastorguev, E.S. Spiridonov. Pochvoedenie no.8: 109-111 Ag '66.

RURAL LIBRARIES see subdivision under Kaluga Province; Zhitomir Province

RURAL PLANNING see subdivision under Baltic region

RURAL WATER SUPPLY see Water supply, Rural

RUSSIA--AIR FORCE

Commanding officer of an excellent squadron. G. Smirnov. Komm. Vooruzh. Sil 47 no.13:48-52 Ji '66.

Fedorov, A.G. [Fee for happiness; notes of a command pilot] Plata za sчас't'e; zapiski letchika-komandira. [Frunze, Kirgystan, 1964]. 282 p. (MH)

Winged pride of our country. S. Rudenko. Av. i kosm. no.8:2-5 Ag '66.

RUSSIA--AIR FORCE--OFFICERS

After night downpour. A. Khorebrykh. Av. i kosm. no.8:67-69 Ag '66.

Aircraft navigator. R. Ter-Melkonian. Av. i kosm. no.8:54-55 Ag '66.

He attacks with us. V. Kozlov. Av. i kosm. no.8:36-38 Ag '66.

Line of courage. P. Astashenkov. Av. i kosm. no.8: 70-75 Ag '66.

Not for quiet life. N. Prokof'ev. Av. i kosm. no.8: 31-34 Ag '66.

Shield of airplane. V. Suvorov. Av. i kosm. no.8:22-24 Ag '66.

RUSSIA--ARMED FORCES

Moscow. Voenno-politicheskaya akademiya. [Marxism-Leninism on war and army] Marksizm-leninizm o volne i armii. 4. por. i dop. izd. Pod red. N.A. Sushko i S.A. Tushkovicha. Moskva, Voenizdat, 1965. 383 p. (Biblioteka ofitsera) (MH)

Truly radical changes. P. Miasodov. Voen. znan. 42 no.8:36-37 Ag '66.

RUSSIA--ARMED FORCES--MEDALS, BADGES, DECORATIONS

Salakhutdinov, Farid, and Mikhail Iog'ko. [Glorious sons of Samarkand; short accounts of the deeds at the front of the Great Patriotic War by citizens of Samarkand decorated with the order "Hero of the Soviet Union."] Slavnye syny Samarkanda; korotkie rasskazy o podvigakh samarkandtsev - geroyev Sovetskogo Soyuza na frontakh Velikoi Otechestvennoi volny. Samarkand, Izd-vo Samarkandskogo gos. univ. [1962] 145 p. (JnU)

RUSSIA--ARMED FORCES--POLITICAL ACTIVITY

Brief news of party and political work. Komm. Vooruzh. Sil 47 no.13:54-56 Ji '66.

Let us intensify the work of the Komsomol. Komm. Vooruzh. Sil 47 no.13:2-8 Ji '66.

Political workers should receive extensive professional training. V. Komissarov, G. Merusov. Komm. Vooruzh. Sil 47 no.13:40-47 Ji '66.

RUSSIA--ARMY--ARTILLERY

Guns are not put in the museum. B. Shipov. Voen. znan. 42 no.7:39-39 Ji '66.

RUSSIA--ARMY--PARACHUTE TROOPS

The airplane doors open... V. Suvorov. Voen. znan. 42 no.7:16-17 Ji '66.

RUSSIA--ARMY--POLITICAL ACTIVITY

How the Officers' Club helps our propaganda. M. Ranzin. Komm. Vooruzh. Sil 47 no.13:64-66 Ji '66.

RUSSIA--BIOGRAPHY--BIBLIOGRAPHY

Molodtsova gvardia. Izdatel'stvo, Moscow. [The lives of remarkable people; a catalog, 1933-1963] Zhizni zamechatel'nykh liudoi; katalog, 1933-1963. Moskva, 1963. 180 p. facsim. (Zhizni' zamechatel'nykh liudoi; Seriya biografii, no.20(375)) (NRC)

RUSSIA--BOLOTNIKOV UPRISING, 1906-1907

History of the Bolotnikov uprising; the reports from the Volga Valley found by V.I. Korotkii and the "Government of Tsar Dimitrii." I.I. Smirnov. Ist. SSSR 10 no.3:67-78 My-Je '66.

Optical and photographic study and restoration of documents relating to the history of the peasant war led by Bolotnikov. D.P. Eroshov. Ist. SSSR 10 no.3:78-80 My-Je '66.

RUSSIA--CLIMATE

Russia (1923- U.S.S.R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Manual on the climate of the U.S.S.R.] Spravochnik po klimatu SSSR. Leningrad, Gidrometeoizdat.

No.1. [Archangel, Vologda Provinces, Karelian and Komi A.S.S.R.] Arkhangel'skaya i Vologodskaya oblasti, Karelskaya i Komi ASSR.

Pt.1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe slanie. 1966. 93 p.

No.2. [Murmansk Province] Murmanskaya oblast'. Pt.1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe slanie. 1966. 59 p.

No.3. [Karelian A.S.S.R., Leningrad, Novgorod, and Pskov Provinces] Karelskaya ASSR, Leningradskaya, Novgorodskaya i Pskovskaya oblasti.

Pt.1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe slanie. 1966. 79 p.

No.7. [White Russian S.S.R.] Belorusskaya SSR. Pt.1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe slanie. 1966. 65 p.

Pt.3. [Wind] Veter. 1966. 154 p.

No.8. [Yaroslavl, Kalinin, Moscow, Vladimir, Smolensk, Kurgan, Ryazan, and Tula Provinces] Jaroslavskaya, Kalininskaya, Moskovskaya, Vladimirskaya, Smolenskaya, Kaluzhskaya, Riazanskaya i Tul'skaya oblasti.

Pt.3. [Wind] Veter. 1966. 101 p.

No.11. [Moldavian S.S.R.] Moldavskaya SSR. Pt.1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe slanie. 1966. 42 p.

Pt.3. [Wind] Veter. 1966. 76 p.

No.10. [Kazakh A.S.S.R., Bukhara, Kashgari Darya, Surkhan Darya, Samarkand, Syr Darya, Tashkent, Fergana, and Andizhan Provinces] Kazakhstanskaya ASSR, Bukharskaya, Kashkard'skaya, Surkhondar'skaya, Samarkandskaya, Syrdarinskaya, Tashkent'skaya, Ferganskaya, Andizhanskaya oblasti.

Pt.1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe slanie. 1966. 74 p.

No.20. [Tomsk, Novosibirsk, Kemerovo Provinces, and Altai Territory] Tomskaya, Novosibirskaya, Kemerovskaya oblasti i Altaiiskii krai.

Pt.3. [Wind] Veter. 1966. 575 p.

No.28. [Tambov, Bryansk, Lipetsk, Orel, Kursk, Voronezh, and Belgorod Provinces] Tambovskaya, Bryanskaya, Lipetskaya, Oryol'skaya, Kurskaya, Voronezhskaya i Belgorodskaya oblasti.

Pt.1. [Solar radiation, radiation balance, and sunshine] Solnechnaya radiatsiia, radiatsionnyi balans i solnechnoe slanie. 1966. 58 p.

RUSSIA--COMMERCE

Orlov, I.A. [Commerce dictates to industry; on direct relations between industrial and commercial enterprises] Torgovlia diktuje proizvodstvu; o prjamnykh svyazakh promyshlennykh i torgovykh predpriatii. Moskva, Znaniye, 1966. 46 p. (Novoe v zhizni, nauka, tekhnika. II Seriya: ekonomika, no.2)

RUSSIA--COMMERCE--CONGRESSES

Trade workers' forum. Sov. torg. 30 no.7:2-5 Ji '66.

RUSSIA--COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA--CONSTITUTION

Russia (1923- U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of the Soviet Socialist Republics. With the amendments and supplements passed by the sixth and seventh sessions of the Sixth Supreme Soviet of the U.S.S.R.] Konstitutsiia (osnovnyi zakon) Soyuza Radnikov Khkh Sotsialisticheskikh Respublik. Iz zminany i dopovneniiny, prinyatiny na shesti i s'omiti sessiakh Verkhovnoi Rady SRSR shosto-ho sklykannia. Kyiv, Polityday Ukrainy, 1966. 30 p.

RUSSIA--CONSTITUTIONAL LAW

History of the theory of Soviet constitutional law. N.I.A. Kuprits. Vest. Mosk. un. Ser.12:Pravo 21 no.2:37-50 Mr-Apr '66.

RUSSIA--DESCRIPTION AND TRAVEL

Dubovik, S.M. [Voyage on the "Penguin"] Podorozh na "Pingvin." Kyiv, Molot, 1965. 164 p.

RUSSIA--ECONOMIC CONDITIONS

Orbachov, N.M. [Light, shadows and a road] Svet, teni, dorogi. Moskva, Politizdat, 1966. 53 p. (Parti-nal'naya publiatsiia)

Some characteristics of the economic and social structure of Russian capitalism in the early 20th century. I.F. Gindin. Ist. SSSR 10 no.3:46-66 My-Je '66.

- RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic
- RUSSIA—ECONOMIC POLICY
Beliay, V.S., and N.I. Petrov. [We work the new way] Rabotam po novomu. Moskva, Politizdat, 1966. 140 p.
- Espahin, L.E. [Economics and education] Ekonomika i vospitanie. [Chelabinsk] Izdno-Ural'skoe knizhnoe izd-vo, 1966. 98 p.
(CS-R)
- Great social objectives of the five-year plan. E. Strukov. Komm. Vooruzh. Sil 47 no. 13:7-15. J1 '66.
- In the State Planning Committee of the R.S.F.S.R. M. Glazunov, I. Strel'nikov. Plan. khoz. 43 no. 8:92-95 Ag '66.
- International significance of the five-year plan. S. Plaksin, I. Semenov. Mir. ekon. i mezhdunar. otn. no. 7:3-13 '66.
- Khromov, M.A. [Going Lenin's way to communism] Leninskiy kursom - k kommunizmu. Leningrad, Obvo "Znanie" RSFSR, 1966. 49 p.
- Konrod, I.A. [Subdivision one and two of the gross national product; the law of preferential growth of the means of production] I i II podrazdeleniya obshchestvennogo produkta; o zakone operazhalschego rosta proizvodstva sredstv proizvodstva. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike, III Seriya: Ekonomika, no. 13)
- Mezhdunarodnaya ekonomicheskaya konferentsiya "Khozstvennaya reforma i ekonomika predpriyatiya." Sverdlovsk, 1966. [Economic reform and the economics of the enterprise] Khozstvennaya reforma i ekonomika predpriyatiya. Red. kol.: M.G. Begidzhanov i dr. Sverdlovsk, Sredne-Ural'skoe Knizhnoe Izd-vo, 1966. 213 p.
- Nature and structure of a course in national economic planning. M. Breev. Plan. khoz. 43 no. 8:70-75 Ag '66.
- New five-year plan. Zhur. mikrobiol., epid. i immun. 43 no. 8:3-4 Ag '66.
- Soviet criminal law and socialist economy. T.A. Barinova. Vest. LGU 21 no. 11:84-90 '66.
- Troitskiy, S.M. [Financial policy of Russian Absolutism in the 18th century] Finansovaya politika russkogo absolutizma v XVIII veke. Moskva, Nauka, 1966. 273 p.
- Volkov, K.V. [Economic ties between city and village during period of building of socialism] Ekonomicheskie svyazi mezhdur gorodom i derevnei v period stroitel'stva sotsializma. Tomsk, Izd-vo Tomskogo univ., 1964. 114 p.
- What a textbook on planning should be like. A. Stepanov. M. Kolodny. Plan. khoz. 43 no. 8:75-77 Ag '66.
- RUSSIA—FOREIGN ECONOMIC RELATIONS
Internationalism is the standard of our life. M. Sychev. Agitator no. 6:8-10 Mr '64.
- Tikhomirov, M.N. [Medieval Russia on international trade routes, the 14th and 15th centuries] Srednevekovaya Rossiya na mezhdunarodnykh putyakh (XIV-XV vv) Moskva, Nauka, 1966. 173 p. (Nauchno-popularnaya seriya)
- RUSSIA—FOREIGN RELATIONS—CHINA
Demidova, N.F., and V.S. Miasnikov. [First Russian diplomats in China; "Information notes" of I. Petlin and report of F.I. Balkov] Pervye russkie diplomaty v Kitae; "Raspisaniya" I. Petlina i stateyniy spisok F.I. Balkova. Moskva, Nauka, 1966. 158 p.
- RUSSIA—FOREIGN RELATIONS—FRANCE
First French embassy in Moscow. V.N. Shumilov. Sov. arkh. no. 3:103-104 '66.
- RUSSIA—FOREIGN RELATIONS—IRAN
Opinions of Iranian parliamentarians on relations with Soviet Union; interview. Nov. vrem. 24 no. 36:22 S '66.
- RUSSIA—FOREIGN RELATIONS—SOUTHEASTERN ASIA
Lavrishev, A.A. [Southeast Asia and the intrigues of the imperialists] Iugo-Vostochnaya Azia i protsi imperialistov. Moskva, Znanie, 1966. 31 p. (Biblioteka "U politicheskoy karty mira," no. 7)
- RUSSIA—FOREIGN RELATIONS—TURKEY
Distortion of history of Russo-Turkish relations in 1920-1922. T.V. Azimov. Pyl. nov. i novit. ist. no. 2: 89-102 '65.
- Good neighbor relations are in the interest of both the Soviet Union and Turkey; an interview. Nov. vrem. 24 no. 34:18 Ag '66.
- RUSSIA—GEOGRAPHY see Geography
- RUSSIA—HISTORIOGRAPHY
Historiography of the socialist industrialization of the national republics of the U.S.S.R. V.S. Leifchuk. Ist. SSSR 10 no. 3:81-102 My-Je '66.
- Kiseeva, R.A. [V.O. Kluichevskiy as historian of Russian historical science] V.O. Kluichevskiy kak istorik russkoy istoricheskoy nauki. Moskva, Nauka, 1966. 230 p.
- Konferentsiya sovetskikh i ital'ianskikh istorikov po problemam istoriografii. Ist. Moskva, 1964. [Problems in Soviet and Italian historiography; materials of the Conference of Soviet and Italian Historians on the Problems of Historiography] Problemy sovetsko-ital'ianskoy istoriografii; materialy. Moskva, Nauka, 1966. 402 p.
- RUSSIA—HISTORY
Akademiya nauk SSSR. Institut istorii. [History of U.S.S.R. from ancient times to our days in two series and twelve volumes] Istoriya SSSR s drevneishikh vremen do nashikh dnei v dvukh seriakh, v dvadtsati tomakh. Glav. red. sovets: B.N. Ponomarev i dr. Moskva, Nauka.
- [First series. Vols. 1-6. From ancient times to Great October Socialist Revolution] Pervaya seriya. Tomy I-VI. S drevneishikh vremen do Velikoy Oktabr'skoy sotsialisticheskoy revolyutsii. Glav. red. B.A. Rybakov.
- Vol. 2. [Struggle of peoples of our country for independence from 13th through 17th century. Establishment of unified Russian state] Bor'ba narodov nashel strany za nezavisimost gosudarstva. Redkollegiya tom: M.N. Tikhomirov i dr. 1966. 630 p.
- Akademiya nauk SSSR. Institut istorii. [International relations of Russia in the 17th and 18th centuries: economics, politics, and culture] Mezhdunarodnyye svyazi Rossii v XVII-XVIII vv.: ekonomika, politika i kultura; sbornik statei. Moskva, Nauka, 1966. 504 p.
- An American manual on the history of the U.S.S.R. A.L. Goldberg. Ist. SSSR 10 no. 3:209-212 My-Je '66.
- A bright page of history. N. Nikolov. Sov. radio i tel. 12 no. 10:4-5 O '63.
- French studies on the history of social conditions and internal political situation in feudal Russia, 1960-1964. S.M. Kashtanov. Ist. SSSR 10 no. 3:180-203 My-Je '66.
- Informers and prosecutors in the system of Russian governmental organs in the first quarter of the 18th century. L.A. Stepanko. Vest. Mosk. un. Ser. 12: Pravo 21 no. 2:51-50 Mr-Apr '66.
- Ur'eva, I. [Lessons of Russian history] Uroki russkoy istorii. Parla, YMCA-Press, 1965. 187 p. (CY)
- Kargalov, V.V. [The Mongol and Tatar invasion of Russia in the 13th century] Mongolo-tatarskoe nashestiye na Rus', XIII vek. Moskva, Prosveshcheniye, 1966. 135 p.
- Koni, A.F. [Collected works in eight volumes] Sbornik sochineniy v vos'mi tomakh. Moskva, Iuridicheskaya literaturnaya.
- Vol. 1. [From the notes of a man of the judiciary] Iz zapiskov sudbennoy deyatelnosti. 1966. 565 p.
- Limited monarchy of feudal Russia in bourgeois historiography of the imperialist period. G.B. Gal'perin. Vest. LGU 21 no. 11:91-102 '66.
- Moscow. Institut marksizma-leninizma. [History of the Communist Party of the Soviet Union in six volumes] Istoriya Kommunisticheskoy partii Sovetskogo Soyuza v shesti tomakh. Glav. red. P.N. Pospelov i dr. Moskva, Politizdat.
- Vol. 2. [The Party of the Bolsheviks in the struggle for the overthrow of Tsarism, 1904 to February 1917] Partiya bol'shevikov v bor'be za sverzheniye tsarizma, 1904-fevral' 1917 goda. 1966. 774 p.
- Solov'ev, S.M. [History of Russia from ancient times in 15 books] Istoriya Rossii s drevneishikh vremen v plinadtsati knigakh. Moskva, Mysl'.
- Book 15 (Vol. 20). [Indexes to Books 1-15] Ukazatel k knigam I-XV. 1966. 772 p.
- Troitskiy, S.M. [Financial policy of Russian Absolutism in the 18th century] Finansovaya politika russkogo absolutizma v XVIII veke. Moskva, Nauka, 1966. 273 p.
- RUSSIA—HISTORY—BIBLIOGRAPHY
New literature on the history of the U.S.S.R. Ist. SSSR 10 no. 3:185-188 My-Je '66.
- RUSSIA—HISTORY—SOURCES
Information notes. Sov. arkh. no. 3:110-120 '66.
- June 1941. Sov. arkh. no. 3:66-64 '66.
- RUSSIA—HISTORY—STUDY AND TEACHING
The young generation in search. B. Fadeev. Voen. znani. 42 no. 7:34-35 J1 '66.
- RUSSIA—INDUSTRIES
Historiography of the socialist industrialization of the national republics of the U.S.S.R. V.S. Leifchuk. Ist. SSSR 10 no. 3:81-102 My-Je '66.
- Orlov, I.A. [Commerce dictates to industry; on direct relations between industrial and commercial enterprises] Torgovlya diktuet proizvodstvu; o priyanykh svyazakh promyshlennyykh i torgovykh predpriyatiy. Moskva, Znanie, 1966. 40 p. (Novoe v zhizni, nauke, tekhnike, III Seriya: Ekonomika, no. 2)
- MH
- RUSSIA—MANUFACTURES—PRICES
Assortment and prices. L. Al'kovich. Sov. torg. 39 no. 7:21-23 J1 '66.
- RUSSIA—MAPS
Kachalnikov, I.U., comp. [Conspectus history in maps] Kazach'la starina v kartakh. Tekst podavil I.B. Kachalnikov. Pod red. G.L. Kremenko. New York, Int. Kachal'no-Amerikanskogo Narodnogo Hozuza, 1965. 23 p. 21 maps.
- RUSSIA—NAVY
Plans in the Soviet Navy. Mor. shor. 40 no. 6: 23-24 Je '66.
- Guarding our maritime boundaries. V. Gribanov. Voen. znani. 42 no. 7:7-9 J1 '66.
- Soviet Navy Day materials for reports and talks. Komm. Vooruzh. Sil 47 no. 13:53-57 J1 '66.
- RUSSIA—NAVY—FLAG, INSIGNIA, ETC.
Zverov, B.I. [Calling for victory] Zovushchik peder. Moskva, Voenizdat, 1966. 120 p.
- RUSSIA—NAVY—ORGANIZATION
Some problems on service organization. N.Y. Lefkovich, V.D. Vukov, I.G. Leonov. Mor. shor. 40 no. 6: 63-66 Je '66.
- RUSSIA—NAVY—POLITICAL ACTIVITY
Decisions of the 23d Party Congress in practice. Mor. shor. 40 no. 6: 3-7 Je '66.
- RUSSIA—NAVY—RECORDS AND CORRESPONDENCE
Archives of Soviet Navy in service of national defense. V.N. Normov. Sov. arkh. no. 3:91-94 '66.
- RUSSIA—NAVY—SEA LIFE
How do you like the service? V. Borodin, E. Kabanov, J. Fedorov. Voen. znani. 42 no. 7:12-13 J1 '66.
- RUSSIA—POLITICS AND GOVERNMENT
For our people. Part. zhizn' no. 16:13-7 Ag '64.
- Further development of Soviet democracy in the decisions of the 23d Congress of the CPSU. S. Lukov. Pravo 20 no. 8:3-6 Ag '66.
- [Gazette of the Supreme Soviet of the U.S.S.R.] Vest. Verkh. Sov. RSFSR 10 no. 27, 29-32 J1-Ag '66.
- [Gazette of the Supreme Soviet of the U.S.S.R.] Vest. Verkh. Sov. SSSR 20 no. 30-34 J1-Ag '66.
- Laptev, I.M. [Echo of our planet] Ekho planety. Moskva, IMO, 1966. 63 p. (V ponimaniye agitatorov, propagandistov, lektorov-mezhdunarodnykh)
- Tulov, Zh.T. [Political structure of Soviet society] Politicheskaya organizatsiya sovetskogo obshchestva. Alma-Ata, Kazakhstan, 1966. 197 p.
- The 23d Congress. Sbornik zakon. no. 5:3-5 My '66.
- RUSSIA—PUGACHEV REBELLION, 1773-1775
New data on Stepan Razin and Emelian Pugachev. Sov. arkh. no. 3:74-77 '66.
- RUSSIA—REBELLION OF STENKA RAZIN, 1667-1671
New data on Stepan Razin and Emelian Pugachev. Sov. arkh. no. 3:74-77 '66.
- RUSSIA—RELATIONS (GENERAL) WITH BULGARIA
History of Russo-Bulgarian contacts from 1807 to 1905. A.K. Martynenko. Pyl. nov. i novit. ist. no. 2: 60-61 '65.
- RUSSIA—RELATIONS (GENERAL) WITH HUNGARY
[Simferopol' - Kechekemet] Simferopol' - Kechekemet. Simferopol', "Kryn," 1965. 94 p. (CS-II)
- RUSSIA—RELATIONS (GENERAL) WITH JAPAN
Meeting in Khabarovsk. G. Zhurkov. Nov. vrem. 24 no. 36:23-24 S '66.
- RUSSIA—RELATIONS (GENERAL) WITH LATVIA
Selga, Gunars, comp. [With raised head I cross borders] Pacolu galvu par robezami oja. Riga, Latvija, 1965. 169 p. [In Latvian]
- RUSSIA—RELATIONS (GENERAL) WITH MONGOLIA
Assistance of the Soviet Union to the Mongolian People's Republic in geological research. M. Tikhonov. Razved. i otkr. nedr. 32 no. 4:8-9 Ap '66.
- RUSSIA—RELATIONS (GENERAL) WITH ROMANIA
Grosu, V.I.A. [Reforms in the Danube principalities and the role of Russia, the 1820's and 1830's] Reformy v Donatskikh kniazhestvakh i Rossiya (20-30 gody XIX veka). Moskva, Nauka, 1966. 400 p.
- RUSSIA—RELATIONS (GENERAL) WITH RUSSIA
The Soviet Union and Uruguay. Nov. vrem. 24 no. 34:4-5 Ag '66.
- RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES
Bolkhovitinov, N.N. [Formation of Russian-American relations, 1775-1815] Stanovleniye russo-amerikanskikh otnosheniy, 1775-1815. Moskva, Nauka, 1966. 638 p.

- RUSSIA—REVOLUTION, 1917-1921**
Karaganov, A. V. [Motion pictures about Lenin and the Revolution] Fil'my o Lenine, o revoliutsii. Moskva, Znanie, 1966. 61 p. (Novoe v zhizni, nauke, tekhnike. VI Seriya: Literatura i Iskustvo, nos. 11/12)
- RUSSIA (1923— U.S.S.R.) Tsentral'nyi gosudarstvennyi arkhiv Otkrytykh i zapnykh dokumentov, vysshikh organov gosudarstvennoi vlasti i organov gosudarstvennogo upravleniia SSSR.** [Establishment and development of the public health system in the first years of Soviet power, 1917-1924; a collection of documents and materials] Stanovlenie i razvitiie zdravookhraneniia v pervye gody Sovetskoi vlasti 1917-1924 gg.; sbornik dokumentov i materialov. Redkollegiia: M.I. Barsukova, A.S. Dremov, A.P. Kuropatov. Moskva, Meditsina, 1966. 544 p.
- They were first. N. Selezneva. Bibliotekar' 43 no. 8:24-26 Ag '66.
- [The train of death] Poezd smerti. [Kulbyshev] Kulbyshevskoe kul'turnoe izd-vo, 1966. 130 p.
- V.I. Lenin's participation in the work of the Bolshevik Group of the Second All-Russian Congress of the Soviets. E.A. Sultanova. Vop. ist. KPSS 10 no. 8:47-54 Ag '66.
- V.I. Lenin's warm solicitude. S. Davydov. Nar. obr. no. 8:88-90 Ag '66.
- RUSSIA—REVOLUTION, 1917-1921—FOOD QUESTION**
Commissary of the revolution. A. Berezin, S. Vvedenskii. Sov. torg. 39 no. 7:33-39 Ji '66.
- Expeditions of A. G. Shikhter and S. P. Sereda for the requisition of grain in 1918. Iu. P. Alekseev. Ist. SSSR 10 no. 3:135-143 My-Je '66.
- RUSSIA—REVOLUTION OF 1905**
Problems concerning the history of the Russian Revolution of 1905-1907. Iu. I. Kir'ianov, N. M. Lebedev, M. S. Simonova. Ist. SSSR 10 no. 3:213-217 My-Je '66.
- RUSSIA—SOCIAL LIFE AND CUSTOMS**
Pervytsov, A. A. [Let us continue our conversation on the cultured man; a writer's remarks] Prodolzhaem razgovor o kul'turnom cheloveke; zametki pisatel'n. [Moskva] Mosk. rabochii, 1961. 133 p. (NNC)
- RUSSIA—STATISTICS**
Russia (1923— U.S.S.R.) Tsentral'noe statisticheskoe upravlenie. [The U.S.S.R. in figures for 1965; a concise statistical abstract] SSSR v tsifrakh v 1965 godu; kratkii statisticheskii sbornik. Moskva, Statistika, 1966. 187 p.
- RUSSIA—UNDERGROUND LITERATURE**
Kishinev. Gosudarstvennyi istoriko-kraevovedcheskii muzei. [Museum of the Kishinev underground printing press of Lenin's newspaper "Iskra"; a guidebook] Muzei Kishinevskoi podpol'noi tipografii leninskoi gazety "Iskra"; putevoditel'. Kishinev, Karta moldoveniaske, 30 p. (Sst-H)
- RUSSIA, NORTHERN—FISHERIES**
Vsesoiuznoe gidrobiologicheskoe obshchestvo. [Hydrobiological study and fisheries of lakes in the Far North of the U.S.S.R.] Gidrobiologicheskoe izucheniie i rybokhoziaistvennoe osvoenie ozer Krainego Severa SSSR. Moskva, Nauka, 1966. 168 p.
- RUSSIA, NORTHERN—FRESHWATER BIOLOGY**
Vsesoiuznoe gidrobiologicheskoe obshchestvo. [Hydrobiological study and fisheries of lakes in the Far North of the U.S.S.R.] Gidrobiologicheskoe izucheniie i rybokhoziaistvennoe osvoenie ozer Krainego Severa SSSR. Moskva, Nauka, 1966. 168 p.
- RUSSIA, NORTHWESTERN—LAKES**
History of northwestern lakes. D. D. Kvaev, N. I. Semenovich. Vest. LGU 21 no. 12:132-132 '66.
- RUSSIA, NORTHWESTERN—LIBRARIES**
Closer to people. N. Efimova, E. Panina. Bibliotekar' 43 no. 8:40-42 Ag '66.
- RUSSIAN LANGUAGE**
Chukovskii, K. I. [Alive as life; about Russian language] Zhivoi kak zhizn'; o russkom iazyke. Moskva, Det'skaiia lit-ra, 1966. 205 p.
- RUSSIAN LANGUAGE—ACCENTUATION**
Iakovlenko, N. P. [Word accent in modern literary Russian] Slovesnoe udarenie v sovremennom russkom literaturnom iazyke. [Kiev] Izd-vo Kievskogo univ., 1966. 70 p.
- RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH**
Smolnitskii, A. I., ed. [Russian-English dictionary] Russko-angliiskii slovar'. Okolo 50 000 slov. Sost. O. S. Akhmanova i dr. Izd. 5. Moskva, Gos. izd-vo inostr. i natsional'nykh slovaroi, 1961. 951 p. (NNC)
- RUSSIAN LANGUAGE—DICTIONARIES—FRENCH**
Min'jar-Belorushev, B. K. [4,000 useful words and expressions; a concise guide for the interpreter working in the field of international relations (the French language)] 4000 poloznykh slov i vyrazhenii; kratkii spravochnik perevodchika-mezhdunarodnika (frantsuzskii iazyk). Moskva, IMO, 1966. 132 p.
- RUSSIAN LANGUAGE—DICTIONARIES—GERMAN**
Daum, E., and W. Schenk. [Russian verbs: Basic forms, aspects, agreement, accent. German meaning. Contains about 14,000 verbs] Die russischen Verben: Grundformen, Aspekte, Rektion, Betonung, deutsche Bedeutung. Enthält über 14000 Verben. Leipzig, VEB bibliographisches Institut, 1954. 798 p.
- RUSSIAN LANGUAGE—DICTIONARIES—KIRGHIZ**
[Russian-Kirghiz dictionary; for schools] Russko-kirgizskii slovar'; dlia shkol. Sost. D. Sh. Shukurov i R. A. Anshanasin. Pod red. B. O. Oruzbaevoi. Frunze, Mek-tep, 1964. 668 p.
- RUSSIAN LANGUAGE—GRAMMAR**
Akademii nauk URSR, Kiev. [Studies in grammar and lexicology] Issledovaniia po grammatike i leksikologii. Kiev, Naukova dumka, 1966. 201 p. (Respublikanskii mezhdunarodnyi sbornik. Seriya "Voprosy iazykoznanii")
- RUSSIAN LANGUAGE—OLD RUSSIAN**
Akademii nauk SSSR. Institut russkogo iazyka. [Lexicology and word formation in Old Russian] Leksiologiya i slovoobrazovanie drevnerusskogo iazyka. Moskva, Nauka, 1966. 310 p.
- RUSSIAN LANGUAGE—PROGRAMMED INSTRUCTION**
Kokorina, S. I., and others, comps. [Russian language program for student translators (at an advanced state) studying on the preparatory faculties of institutions of higher education of the U.S.S.R.] Programma po russkomu iazyku dlia studentov-perevodchikov (na podvyshtom etape) obuchaiushchikh na podgotovitel'nykh fakul'tetakh vuzov SSSR. Red. vyipuska T. M. Dorofaeva. [Moskva] Izd-vo Mosk. univ., 1966. 107 p.
- RUSSIAN LANGUAGE—PUNCTUATION**
Shapiro, A. B. [Modern Russian; punctuation] Sovremennyi russkii iazyk; punktuatsiia. Moskva, Prosveshchenie, 1966. 295 p.
- RUSSIAN LANGUAGE—STUDY AND TEACHING**
(see also subdivision under Adyge Autonomous Province)
Akademiiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politicheskogo obrazovaniia. [Principles of the methodology of teaching the elements of the Russian language] Osnovy metodiki nachal'nogo obucheniia russkomu iazyku. Pod red. N. S. Rozhdestvenskogo. Moskva, Prosveshchenie, 1965. 631 p. (NIC) (NJR)
- Kogan, E. B. [Forms of practical work during Russian language lessons in schools of working youth; aid for teachers] Vidy prakticheskikh rabot na urokakh russkogo iazyka v shkolakh rabochei molodezhi; posobie dlia uchitel'n. Moskva, Prosveshchenie, 1965. 131 p. (NIC)
- Nazarova, L. K. [Teaching reading and writing, taking into account the individual characteristics of the pupils] Obuchenie gramote na osnove ucheta individual'nykh osobennostei uchashchikh. Moskva, Prosveshchenie, 1965. 205 p. (NIC)
- Nikitina, E. I. [Connected text in Russian lessons; from a teacher's experience] Svyaznyi tekst na urokakh russkogo iazyka; iz opyta uchitel'a. Moskva, Prosveshchenie, 1966. 327 p.
- Porvova, V. M. [Development of the speech of the student in the course of studying the theme "Direct and indirect speech"; an aid for the teacher] Razvitiie rechi uchashchikh pri izuchanii temy "Prямая i kosvennaya rechi"; posobie dlia uchitel'a. Leningrad, Prosveshchenie, 1965. 137 p. (NIC)
- Saratov. Universitat. [Seminar in Russian; a method text for students in the Correspondence Section of the Philology Department] Prosminar po russkomu iazyku; metodicheskoe posobie dlia studentov zaочноgo otdeleniia filologicheskogo fakul'teta. [n.p.] 1966. 44 p. (Dlia studentov zaочноgo obucheniia)
- They should grasp the real meaning of words. V. Palamar-chuk. Nar. obr. no. 8:36-36 Ag '66.
- RUSSIAN LANGUAGE—STYLE**
To love and understand words. L. Krysin. Sov. radio 1 tel. 12 no. 10:35-36 O '63.
- RUSSIAN LANGUAGE—TERMS AND PHRASES**
Common truth and clichés. A. Bogomolov. Sov. radio 1 tel. 12 no. 10:36-37 O '63.
- RUSSIAN LANGUAGE—VERBS**
Daum, E., and W. Schenk. [Russian verbs: Basic forms, aspects, agreement, accent, German meaning. Contains about 14,000 verbs] Die russischen Verben: Grundformen, Aspekte, Rektion, Betonung, deutsche Bedeutung. Enthält über 14000 Verben. Leipzig, VEB bibliographisches Institut, 1954. 798 p.
- RUSSIAN LANGUAGE—WORDS**
From observations on the use, in the language of the press, of verb-noun combinations (of the "vesti raboti" type). N. I. Formanovskaiia. Vest. Mosk. un. Ser. II, Zhur. 21 no. 1:75-74 Ja-F '66.
- Notes on contemporary word usage: the meaning and use of the word "vostor". L. I. Rakhmanova. Vest. Mosk. un. Ser. II, Zhur. 21 no. 1:70-74 Ja-F '66.
- RUSSIAN LITERATURE—HISTORY AND CRITICISM**
Borev, L. A. [Language of the writer; A. Fadeev, V. Ivanov, M. Prishvin, Andrei Platonov] Iazyk pisatel'a; A. Fadeev, V. Ivanov, M. Prishvin, Andrei Platonov. Moskva, Sovetskii pisatel', 1966. 217 p.
- Dement'ev, A. G., E. Naumov, and L. Plotkin. [Soviet Russian literature; textbook for secondary school] Russkaia sovetskaiia literatura; posobie dlia srednei shkoly. Izd. 10. Moskva, Gos. ucheb.-pedagog. izd-vo M-v prosv. RSFSR, 1961. 495 p. (Dol)
- Kovynov, V. M. [Dialectical materialistic nature of the artistic conflict] O dialektiko-materialisticheskoi prirode khudozhestvennogo konflikta. Saratov, Privolzhskoe knizhnoe izd-vo, 1965. 92 p. (CS-H)
- Kravtsov, N. I., ed. [History of Russian literature of the second half of the 19th century] Istoriia russkoi literatury vtoroi poloviny XIX veka. Moskva, Prosveshchenie, 1966. 693 p.
- Plearev, D. I. [Realists] Realisty. Moskva, Khudozhestvennaya literatura, 1965. 190 p. (Narodnaia biblioteka) (CaOTU)
- Polikanov, A. A., Z. V. Udenova, and I. T. Trofimov. [Russian literature of the end of the 18th and the beginning of the 19th centuries] Russkaia literatura konca XVIII - nachala XIX vv. Moskva, Vysshiaia shkola, 1965. 398 p. (NeU)
- [Toward the future] Navstrochu budushchomu. [Moskva, Sovetskii pisatel', 1965] 305 p. (Stat'i molodykh knizhnikov, no. 2) (NJP)
- RUSSIAN LITERATURE—STUDY AND TEACHING**
Khanchin, V. S., ed. [Home work in literature courses in boarding schools] Vneklassnaia rabota po kursu literatury v shkole-Internato. Moskva, Prosveshchenie, 1965. 94 p. (NIC)
- RUSSIAN NEWSPAPERS**
(see also subdivision under Ukraine)
Dissemination of "Pravda" in Ukraine in 1917 and its role in popularization of V. I. Lenin's works. O. I. Kolynichenko. Bibliot. ta bibl. no. 2:101-112 '66.
- RUSSIAN NEWSPAPERS—INDEXES**
[Chronicle of newspaper articles] Let. gazet, et. nos. 0-7 '66.
- RUSSIAN PERIODICALS**
Letters to the editor. Nov. vrem. 24 no. 37:21 S '66.
- RUSSIAN PERIODICALS—INDEXES**
[Chronicle of periodical articles] Lot. zhur, et. nos. 25, 27-30 '66.
- RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC**
Boundary between the Proterozoic and Paleozoic in the western part of the Russian Platform, based on data of structural analysis. K. E. Iakobson. Izv. AN SSSR, Ser. geol. 31 no. 7:101-111 Ji '66.
- RUSSIAN PLATFORM—GEOLOGY, STRUCTURAL**
Inverted movements along faults in the northern part of the Don-Medveditsa uplift. V. A. Dolitskii, E. V. Kucheruk, N. V. Lopatin. Dokl. AN SSSR 160 no. 1:167-169 Ji '66.
- RUSSIAN POETRY—HISTORY AND CRITICISM**
Akademii nauk SSSR, Institut russkoi literatury. [Lay of the host of Igor and monuments of the Kulikov cycle; the problem of dating the "Lay"] Slovo o polku Igoreve i pamiatniki Kulikovskogo tsikla; k voprosu vremeni napisaniia "Slova". Moskva, Nauka, 1966. 018 p.
- RUSSIAN PROSE LITERATURE—HISTORY AND CRITICISM**
Eikhenbaum, B. M., ed. [Russian prose] Russkaia proza. Hague, Mouton & Co., 1963. 261 p. (Slavistic printings and reprintings, no. 48) (TN)
- RUSSIAN SOCIAL DEMOCRATIC PARTY**
(see also subdivision under Kuybyshev)
[The Bolshevik Party during the years of the new revolutionary development, 1910-1914; documents and materials] Partia bol'shevikov v gody novogo revoliutsionnogo pod'ema, 1910-1914; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961. 533 p. (V pomoshch' izuchaiushchiiu istoriiu KPSS) (MdB)

- RUSSIAN SOCIAL DEMOCRATIC PARTY (Continued)**
Gahundia, V.K. [Tactics of revolutionary compromises and agreements; the historical experience of the CPSU] *Takika revoliutsionnykh kompromissov i soglasenii; Istoricheskiy opyt KPSS*. Moskva, Znanie, 1966, 47 p. (Novoe v zhizni, nauke, tekhnike. I Seriya: Istorika, no. 2).
MH
History of Bolshevism press; review of documentary materials. I.F. Kovalev. *Sov. arkh.* no. 3:68-72 '66.
One of the most important periods in the history of the party. L.A. Stepov. *Vop. ist. KPSS* 10 no. 8:16-32 Ag '66.
[Struggle for creation of marxist party in Russia; formation of Russia Social-Democratic Workers Party. Rise of Bolshevism, 1894-1904. Consultations, advice on methods] *Bor'ba za sozdanie marksistskoi partii v Rossi; obrazovanie RSDRP. Vozniknovenie bol'shevizma, 1894-1904 gody. Konsul'tsiii, metodicheskie soveti*. Moskva, Mosk. rabochii, 1965. 153 p. (NcU)
- RUSSIAN STUDIES** see subdivision under France; Germany, West; United States
- RUTHENIA** see Transcarpathia
- RUTHENIUM COMPOUNDS**
Mechanism underlying the sorption of nitrate complexes of nitroso ruthenium on ion-exchange resins. B.P. Nikol'skii, E.E. Denko. *Radiokhimiia* 8 no. 3: 298-304 '66.
- RUTHERFORD, ERNEST, 1871-1937**
Beginning of the life in Montreal. D. Danin. *Izobr. i rats.* no. 6:26-31, 39 Je '66.
- RUTILE**
Adsorption and pigmentation properties of titanium dioxide with a modified surface. Part 1: Pigment rutile modified by a mixture of aluminum and silicon oxides by the "wet method." T.A. Ermolaeva and others. *Koll. zhur.* 28 no. 3:380-387 My-Je '66.
- RYAZAN PROVINCE—MUSKRATS**
Present state of the muskrat population in Ryzan Province. F.V. Ivanov. *Nauch. dokl. vyz. shkoly; biol. nauki* 9 no. 3:46-49 '66.
- RYAZAN PROVINCE—WHEAT**
Take into consideration weededness and moisture of soils. S.A. Naumov, V.F. Levashova. *Zemledelie* 28 no. 7: 47-49 JI '66.
- RYBINSK—LOCKS (HYDRAULIC ENGINEERING)**
The Rybinsk Locks are 25 years old. V. Denisov, A. Boigova. *Rech. transp.* 25 no. 7:50-51 '66.
- RYBINSK REGION—MOLLUSKS, FOSSIL**
Fauna of Quaternary mollusks from sediments in ancient Molog-Sheksninskoye Lake. V.M. Motuz. *Blul. Kom. chetv. per.* no. 31:128-131 '66.
- RYE—FERTILIZERS AND MANURES** see subdivision under Mordovia
- RYE BREEDING**
Hybridization as a method of increasing the breeding value of tetraploid rye. A.A. Torop, V.P. Pakhomova. *Genetika* no. 4:114-118 Ap '66.
- RYL'SKYI, MAKSYM, 1895-1964**
Odessa. *Universitet*. Maksym Ryl'skii. Odessa, 1960. 316 p.
- RYNDIN, VADIM FEDOROVICH, 1902-**
Yanslov, V.V. Vadim Ryndin. Moskva, Sovetskii khudozhnik [1966] 102 p. (NIC)
- SADON (OSSETIA, NORTH)—MINERS—DISEASES AND HYGIENE**
Experience in the evaluation of general and industrial sanitary conditions at the Sadon Mines with respect to silicosis. D.G. Khachirov. *Sbor. nauch. trud. SOGMI* no. 11:70-75 '64.
- SAKHALIN—GEOLOGY, STRATIGRAPHIC**
New data on stratigraphy of Upper Cretaceous sediments of mountains in eastern Sakhalin. *Sbor. st. po geol. i gidrogeol.* no. 5:16-24 '65.
Stratigraphy of Quaternary sediments and some problems of paleogeography of Poronaysk depression. A.N. Aleksandrova, S.V. Beletskaya. *Sbor. st. po geol. i gidrogeol.* no. 5:38-58 '65.
- SAKHALIN—GEOLOGY, STRUCTURAL**
Significance of cross dislocations in tectonic pattern of Sakhalin. S.A. Salun. *Sbor. st. po geol. i gidrogeol.* no. 5:67-76 '65.
Tectonics and prospects for finding ore deposits in Sakhalin. V.S. Rozhdestvenskii. *Geol. i geofiz.* no. 3:57-66 '66.
- SAKHALIN—HISTORY—STUDY AND TEACHING**
Local history classes in the schools of Sakhalin. F. Uryvskii. *Nar. obr.* no. 8:54-58 Ag '66.
- SAKHALIN—LANDFORMS**
Using structural-morphologic relief analysis of Sakhalin in geological interpretation of aerial photographic materials. S.M. Aleksandrov. *Sbor. st. po geol. i gidrogeol.* no. 5:149-155 '65.
- SAKHALIN—ORE DEPOSITS**
Tectonics and prospects for finding ore deposits in Sakhalin. V.S. Rozhdestvenskii. *Geol. i geofiz.* no. 3:57-66 '66.
- SAKHALIN—POTATO LATE BLIGHT**
Controlling Phytophthora infection of potatoes in Sakhalin. G. Loktina, I.G. Loktin, Zashch. rast. 11 no. 7:16-18 '66.
- SAKHALIN—SHREWS**
Sorex unguiculatus Dobson on southern Sakhalin. *Izv. SO AN SSSR* no. 4. Ser. biol.-med. nauk no. 1:129-134 '66.
- SAKHALIN—SOIL MICRO-ORGANISMS**
Microbiological characteristics of soils in the southern part of Sakhalin. Ten Khak-Mun, L.V. Fedorova. *Izv. SO AN SSSR* no. 4. Ser. biol.-med. nauk no. 1:135-140 '66.
- SALEKHAARD REGION—SOIL TEMPERATURE**
Effect of vegetation on diurnal soil temperature balance in the Salekhard region. I.U. P. Soldatenkova. *Nauch. dokl. vyz. shkoly; biol. nauki* 9 no. 3:153-156 '66.
- SALES**
Legal nature of preliminary offers. V.S. Shelestov. *Sov. gos. i pravo* 36 no. 6:52-54 Ag '66.
- SALES TAX**
Procedures for computing and paying the turnover tax. V. Volodikhin. *Fin. SSSR* 40 no. 7:86-82 JI '66.
- SALINE AND ALKALI SOILS**
Desalinization effect of the open horizontal drainage. N.S. Gorlanov, L.F. Pestov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 7:54-59 JI '66.
Possibility of determining the humus content in saline soils according to Turin's method. N.B. Minkina. *Nauch. dokl. vyz. shkoly; biol. nauki* 9 no. 3:214-217 '66.
- SALINE WATERS—DEMINERALIZATION**
Machine demineralizes water. D. Margolis. *Voen. znani.* 42 no. 7:25 JI '66.
- SALINITY—PHYSIOLOGICAL EFFECT**
Effect of different salt composition of water on the accumulation and excretion of cesium-137 by a freshwater fish. G.D. Lebedeva. *Radiobiologiya* 6 no. 4:556-559 '66.
- SALIVA**
Virulence of salivation during foot-and-mouth disease. B.M. Nagumanov. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 7:117-119 JI '66.
- SALIVARY GLANDS**
Concentration of rhodan, iodine, calcium, strontium, and potassium by the parotid salivary gland. I.U. A. Petrovich. *Fiziol. zhur.* 50 no. 7:877-883 JI '64.
Effect of the stimulation of the anterior gyrus cinguli and amygdaloid nuclei on the secretory activity of salivary and gastric glands. P.H. Bohach, Nguyen Dinh Dau. *Fiziol. zhur. [Ukr.]* 12 no. 4:462-466 JI-Ag '66.
Unconditioned reflex salivation in hamadryas baboons. S.K. Shestopalova. *Fiziol. zhur.* 50 no. 7:812-819 JI '64.
- SALIVARY GLANDS—TUMORS**
Adenolymphoma of the salivary glands. V.V. Panikarovskii. *Arkh. pat.* 28 no. 5:24-29 '66.
- SALMONELLA**
Bacterioid effect of natural human gastric juices on typhoid and paratyphoid bacilli resistant to synomycin. K.G. Eitel'manichik. *Sbor. nauch. trud. SOGMI* no. 11:135-138 '64.
Immunochemical properties of isolated H-antigen of the typhoid fever bacillus. N.G. Fish, E.S. Stanislavskii. *Zhur. mikrobiol., epid. i immun.* 43 no. 9:48-52 Ag '66.
Properties of *Salmonella gallinarum* and *Salmonella typhimurium* infected by the moderate M phage. V.V. Pospelova. *Zhur. mikrobiol., epid. i immun.* 43 no. 7: 70-75 JI '66.
- SALMONELLA—CULTURES AND CULTURE MEDIA**
Clinical and microbiological characteristics of diseases caused by *Salmonella typhimurium*. P.I. Popova and others. *Zhur. mikrobiol., epid. i immun.* 43 no. 8: 140-142 Ag '66.
Synchronization of the division of typhoid bacilli by diluting the culture with fresh nutrient medium. I.A. Beanskina. *Zhur. mikrobiol., epid. i immun.* 43 no. 7: 107-111 JI '66.
- SALT**
Use of ammonia nitrate, ammonia water, and sodium chloride for the defoliation of lupine. V.V. Hozemskiy. *Khim. v sel', khoz.* 4 no. 6:48-51 Ag '66.
- SALT—PHYSIOLOGICAL EFFECT**
Effect of saturation with salt on the relationship between the flow of lymph and the active accretion. L.P. Muzikova. *Izv. AN Kazakh. SSR. Ser. biol.* 4 no. 3:12-14 My-Je '66.
- SALTS—EFFECT ON PLANTS** see Plants, Effect of salts on
- SALTS, DOUBLE**
Synthesis of double salts based on alkaloid derivatives. S.B. Davidants, I.I. D. Sadykov, V.A. Begal'tev. *Dokl. AN Tadzh. SSR* 9 no. 6:20-22 '66.
- SALTS IN SOILS** see Soils, Salts in
- SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889**
Bazanov, V.I. ["Talen" of M.E. Salytkov-Shechedria] "Skizki" M.E. Salytkov-Shechedria. Moskva, Khudozhenvennaya literatura, 1966, 100 p. (Mnogozhazna istoriko-literaturnaya biblioteka)
- SALVAGE**
(see also subdivision under India)
Declination of Australian courts. *Shoe. mat. 1966* no. 156. *Mor. pravo i prak.* no. 3:56-57 '66.
French laws and regulations on amken property. *Shoe. mat. TSNIIM* no. 156. *Mor. pravo i prak.* no. 3:57-70 '66.
- SAMARA BEND—BRACHIOPODA, FOSSIL**
Biostratigraphy and Carboniferous brachiopoda complexes in the Samara Bend. V.A. Prokofiev. *Izv. AN SSSR. Ser. geol.* 31 no. 7:111-125 JI '66.
- SAMARA BEND—DESCRIPTION AND TRAVEL**
Sobolev, A.V. [Zhiguli "round-the-world" trip] Zhigul'skaya Krugosvetka. [Kulbyshov] Kulbyshovskoe knizhnoe izd-vo, 1966. 120 p. fold. map (Inset)
- SAMARA BEND—PALEONTOLOGY, STRATIGRAPHIC**
Biostratigraphy and Carboniferous brachiopoda complexes in the Samara Bend. V.A. Prokofiev. *Izv. AN SSSR. Ser. geol.* 31 no. 7:111-125 JI '66.
- SAMARIUM COMPOUNDS**
Synthesis of sodium samarate and europate. L.A. Muravtova and others. *Dokl. AN SSSR* 160 no. 3:60-601 JI '66.
- SAMARIUM OXIDES**
Phase diagram of the system $\text{Sm}_2\text{O}_3 - \text{Cr}_2\text{O}_3$. V.N. Pavlov and others. *Izv. AN SSSR. Neorg. mat.* 2 no. 8:1055-1057 Je '66.
- SAMARKAND PROVINCE—SHOOTING**
Club and primary organizations. A. Strel'tsov. *Voen. znani.* 42 no. 6:38 Ag '66.
- SAMPLING (STATISTICS)**
Polarski, A.I.A., and others, eds. [Sampling survey in the statistics of the U.S.S.R.] *Vychisleniye statisticheskikh i statisticheskikh SSSR; sbornik statei*. Moskva, Statistika, 1966. 350 p.
- SAN JOSE SCALE**
San Jose scale. G. Konstantinova. *Zashch. rast.* 31 no. 7:50-59 '66.
- SAND—TESTING**
Effect of vibration on internal friction in sands. P.G. Balyshkin. *Fiz.-tekh. probl. razrab. pol. iakop.* no. 2: 120-124 '66.
- SAND, FOUNDRY**
Quickly solidifying molding mix with preliminary alkalization of loam materials. E.N. Davydov, T.M. Baskina, N.P. Biorodina. *Tekh. i org. proizv.* no. 11: 49 Ja-F '66.
Synthetic, water-free, molding mixtures. L.R. Komarov and others. *Lit. proizv.* no. 8:1-3 My '66.
- SAND, FOUNDRY—ABSORPTIVE PROPERTIES**
Absorption method of moisture determination in molding mixtures. I.U. P. Poruchikov, G.I. Khazan. *Trudy Ural. politekhn. inst.* no. 146:5-10 '66.
- SAND, FOUNDRY—ADDITIVES**
Effect of activating additives on the strength of chill coatings. K.P. Fadeeva. *Lit. proizv.* no. 8:15-18 My '66.
Improving knockout properties of mixtures on soluble glass. V.A. Chuchulin, V.P. Protov. *Trudy Ural. politekhn. inst.* no. 146:20-31 '66.
- SAND, FOUNDRY—CLEANING**
Reclamation of used corundum mixtures. M.P. Voronin, I.U. P. Poruchikov, A.A. Demidova. *Lit. proizv.* no. 8:7-8 My '66.

SAND, FOUNDRY—DRYING

Equipment for sand drying in a fluidized bed. S.K. Kantenik, B.K. Syvlatkin, P.A. Zhuravlev. Lit. protzv. no. 5:21-22 My '66.

SANDSTONE

(see also subdivision under Tuymazy Oil Field)
Selecting natural sandstones for modeling nonuniform porous media. Sh.K. Gimatullinov, G.G. Mustafin. Izv. vys. ucheb. zav. nefi i gaz 9 no. 3:39-44 '66.

SANDSTONE—TESTING see subdivision under Yarega region (Komi A. S. S. R.)

SANDWICH CONSTRUCTION—THERMAL PROPERTIES

Calculating unsteady heat conductivity of multilayer plates. B. M. Avkhimovich. Izv. vys. ucheb. zav. zav. tekhn. 9 no. 2:3-8 '66.

SANDY SOILS

Main nutrient content of sands and sandy soils in lower Volga Valley as related to mineral composition of their high dispersed fraction. A. A. Vakulin, A. V. Shilin. Pochvovedenie no. 8:65-68 Ag '66.

SANITARY ENGINEERING

Kulakov, N. G., and A. P. Marchenko. [Brief handbook for the sanitary engineering foreman] Kratkiy spravochnik mastersa-santekhnika. Kiev, Budivelnik, 1966. 431 p.

SANITATION

Akademiya stroitel'stva i arkhitektury SSSR. [Safety techniques and industrial sanitation; a handbook] Ehitustooe olutustehnika ja tootervlahold; kasiraamat, Tallinn, Eesti Riiklik Kirjastus, 1963. 308 p. [In Estonian] (DNLM)

SAP

Synchronization of the diurnal rhythm of sap exudation with the light balance. V. O. Kozarian, A. G. Aizman, G. G. Gabriellan. Biol. zhur. Arm. 10 no. 6:3-8 Je '66.

SAPOZHNIKOV, LEONID MIKHAILOVICH, 1900-

On the 60th birthday of Leonid Mikhailovich Sapozhnikov. Koks i khim. no. 5:64 '66.

SARATOV—GEAR-CUTTING MACHINES—QUALITY CONTROL

Workers' conscience is stronger than the technical control unit. N. Kriakov. Agitator no. 6:32-35 Mar '64.

SARATOV GOVERNMENT—PEASANTRY

Ostrovskii, V. B., and B. L. Venig. [Along the old Saratov roads; from the past and present of the Saratov peasantry] Po starym sarakovskim traktam; iz proshlogo i nastoiashchego sarakovskogo krest'ianstva. Saratov, Privolzhskoe knizhnoe izd-vo, 1966. 135 p. (Posviashchena 50-letiyu Oktabria)

SARATOV PROVINCE—AGRICULTURAL MACHINERY

Practices in group operation of harvesting units. N. P. Polygin, V. Pavlov. Tekhn. v sel'khoz. 26 no. 6:12-14 Je '66.

SARATOV PROVINCE—COLLECTIVE FARMS

Ostrovskii, V. B., and B. L. Venig. [Along the old Saratov roads; from the past and present of the Saratov peasantry] Po starym sarakovskim traktam; iz proshlogo i nastoiashchego sarakovskogo krest'ianstva. Saratov, Privolzhskoe knizhnoe izd-vo, 1966. 135 p. (Posviashchena 50-letiyu Oktabria)

SARIAN, GEGAM, 1902-

Mnatsakanian, Vazgen. [Poetry of Gegam Sarian. Poetria Gegama Sariana. Erevan, Armanakoe gos. izd-vo] 1963. 278 p. [In Armenian] (MH)

SARPA LAKE REGION—RICE

Rice in the Sarpa Lowland. K. P. Pak, I. T. Stepanets. Zemledelie 28 no. 5:27-30 My '66.

SARYU VALLEY—GEOLOGY, STRUCTURAL

Basic structures in the southern part of the Chu-Saryau interfluvium, based on geophysical data. I. V. A. Semlin. Neftgaz. geol. i geofiz. no. 6: 33-35 '66.

SATIRE

Yulis, A. Z. [In the laboratory of laughter] V laboratorii smekha. Moskva, Khudozhestvennaya literatura, 1966. 141 p. (Massovaya istoriko-literaturnaya biblioteka)

SATIRE—HISTORY AND CRITICISM

Theoretical and practical problems of Soviet satire discussed in Soviet press in 1920's, S. N. Trushova-Kryl. Bibliot. ta bibl. no. 2:162-174 '66.

SAWFLIES see subdivision under Siberia, Western

SAWING

Temperature field of saw disks for longitudinal sawing of lumber. A. E. Grube, V. I. Sanev, V. K. Pashkov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 3:92-104 '66.

Transducer for power oscillography in wood cutting. I. F. Kulshov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 3:119-121 '66.

SAWS

Log transposer with a log separator. V. G. Turushev. Dok. prom. 15 no. 6:25-26 Je '66.

Studying the sharpening of frame saws. K. I. Dem'ianovskii. Izv. vys. ucheb. zav. i les. zhur. 9 no. 3:112-118 '66.

Zykov, F. I. [Container saws and their operation] Taryno pily i ikh ekspluatatsiya. Moskva, Lesnaya promyshlennost', 1966. 35 p.

SAYAN MOUNTAINS—AMPHIBOLES

Chlorine hastingsites of the Odnokhnoye magnetite deposit in the Eastern Sayan Mountains. G. A. Krutov, R. A. Vinogradova. Dokl. AN SSSR 166 no. 1:204-207 Ji '66.

SAYAN MOUNTAINS—BABINGTONITE

Manganese babingtonite from the Rudnyy Kaakad deposit (Eastern Sayan). R. A. Vinogradova, V. A. Sychkova, I. K. Khabalov. Dokl. AN SSSR 166 no. 2:434-437 Ji '66.

SAYAN MOUNTAINS—DESCRIPTION AND TRAVEL

Fedorov, G. A. [We are walking through the Eastern Sayan] My idem po Vostochnomu sianu. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1963. 382 p. (IU)

SAYAN MOUNTAINS—FORESTS AND FORESTRY

Subalpine sparse forest of the Sayans. S. I. Gluzdakov. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:3-8 '66.

SAYAN MOUNTAINS—GEOLOGY, STRUCTURAL

Analysis of some morphometric data in the study of the recent movements in the Eastern Sayan Mountains. L. S. Milinaeva. Geol. i geofiz. no. 3:142-147 '66.

SAYAN MOUNTAINS—METAMORPHISM (GEOLOGY)

Distribution of the facies of regional metamorphism in the Pre-Cambrian structures of the Eastern Sayan Mountains. L. M. Parfenov, V. V. Khlestov. Geol. i geofiz. no. 3:31-41 '66.

SAYAN MOUNTAINS—ORE DEPOSITS

[Principles of the formation analysis of the endogenetic metallogeny of the Altai-Sayan region] Osnovy formirovaniya endogennoi metallogeni Altai-Sayan'skoi oblasti. [By] V. A. Kuznetsov i dr. Novosibirsk, Nauka, 1966. 154 p.

SAYAN MOUNTAINS—PETROLOGY

Dogantikov, O. A. [Petrology and metallogeny of gabbro-syenite complexes of Altai-Sayan area] Petrologiya i metallogeni gabbro-syenitovykh kompleksov Altai-Sayan'skoi oblasti. Moskva, Nauka, 1966. 230 p.

SAYAN MOUNTAINS—TITANOMAGNETITE—ANALYSIS

Characteristics of the composition and internal structure of the titanomagnetite of differentiated gabbroid intrusions in the Altai-Sayan region. V. A. Vokhrushchev, A. P. Krivenko. Dokl. AN SSSR 166 no. 2:430-433 Ji '66.

SCALE INSECTS

(see also subdivision under Polesya)
Coccids as pests of conifers. N. Kuznetsov, Zashch. rast. 11 no. 7:46-47 '66.

Increase the effectiveness of controlling madaura. V. Pashchenko, B. Romanovich, E. Shteinkova. Zashch. rast. 11 no. 7:19 '66.

SCALE INSECTS—EXTERMINATION see subdivision under Armenia

SCALES (FISHES)

Structure of scale cover in Xiphiidae (Scombroidei, Pisces). V. V. Orshinikov. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:32-35 '66.

SCANDIUM CHLORIDES

Composition and properties of products of reaction of ScCl₃ with NaF in aqueous solution. I. V. Tonanov, O. F. Golubev. Izv. AN SSSR, Neorg. mat. 2 no. 6:1007-1014 Fe '66.

SCANDIUM COMPOUNDS

Magnetochemical causes of transformation of the magnetic properties of scandium-containing ferrites. D. E. Bonarov. Izv. AN SSSR, Neorg. mat. 2 no. 6:1084-1071 Je '66.

SCANDIUM OXIDE

Reaction of scandium oxide with titanium dioxide. L. N. Komissarova, B. I. Pokravskaia, V. V. Nechaeva. Dokl. AN SSSR 166 no. 5:1076-1079 Je '66.

SCAPULA—TUMORS

Diagnosis of tumors of the scapula and methods of their treatment. N. E. Mekhson. Ortop. i travm. i protoz. 27 no. 7:50-56 Ji '66.

SCARABAEIDAE see subdivision under Kazbegi District

SCATTERING (PHYSICS)

Analytic properties of a nonrelativistic amplitude in a soluble three-particle model. I. Sh. Vashakidze, G. A. Chlischvili. IAD. fiz. 4 no. 2:418-424 Ag '66.

SCELIONIDAE

Telenomus sokolovi Mayr (Hymenoptera, Scelionidae) as intermediate parasite of Eurygaster integriceps Put. egg. G. A. Viktorov. Dokl. AN SSSR 166 no. 3:741-744 Ji '66.

SCHIZOPHRENIA

Aggravation of schizophrenia in different months of year. R. G. Lipanov. Zhur. nev. i psikh. 66 no. 8: 1262-1267 '66.

Changes in personality preceding the appearance of delirium in paranoid schizophrenia. L. D. Gissen. Trudy TSU 81:85-91 '65.

Characteristics of course of circular schizophrenia in clinical structure of minimal seizures. A. S. Tiganov. Zhur. nev. i psikh. 66 no. 8:1250-1257 '66.

Characteristics of optical illusions in the oneiroid syndrome of schizophrenia. V. G. Rotehtin. Trudy TSU 81:102-108 '65.

Clinical aspects of slowly developing schizophrenia based on catamnestic data. L. M. Shumanova. Zhur. nev. i psikh. 66 no. 8:1241-1250 '66.

Confabulatory delirium in schizophrenia. V. F. Zemlich. Trudy TSU 81:92-96 '65.

Correlation of forms and types of schizophrenia courses in hereditary aggravated families. A. N. Kornetov. Zhur. nev. i psikh. 66 no. 8:1257-1262 '66.

Disorders of visual adaptation in schizophrenics. E. A. Shcherbina. Zhur. nev. i psikh. 66 no. 8:1214-1219 '66.

Dynamics of the clinical picture of schizophrenia in adolescents under the effect of insulin therapy combined with aminazine. D. S. Ekhanova. Trudy TSU 81:73-77 '65.

Dysmorphism syndrome in clinical aspects of schizophrenia. G. S. Bagina. Zhur. nev. i psikh. 66 no. 8:1228-1234 '66.

Erroneous diagnosis of schizophrenia combined with characteristics of stimulated behavior. A. I. Shcherbenko. Prak. sudebno-psikh. ekspert. no. 11:11-16 '66.

Erroneous expert opinion linked with the misperception of delirious motives of behavior in a schizophrenic. E. V. Ivanovskaya. Prak. sudebno-psikh. ekspert. no. 11:93-101 '66.

Late exacerbations in slowly developing schizophrenia. N. G. Romanova. Trudy TSU 81:78-84 '65.

Prevention of socially dangerous actions by schizophrenics because of delirious motives. E. V. Ivanovskaya. Sud.-med. eksp. 9 no. 3:47-52 Ji-S '66.

Psychopathology of exaggeration delirium. A. B. Smulovich. Zhur. nev. i psikh. 66 no. 8:1234-1241 '66.

Role of induction in the clinical aspects of schizophrenia. T. P. Pochernikova. Prak. sudebno-psikh. ekspert. no. 11:3-10 '66.

Study of functional state of central adrenergic and cholinergic structures in various stages of schizophrenia. G. V. Morozov, I. P. Anokhina. Zhur. nev. i psikh. 66 no. 8:1210-1227 '66.

SCHLEMMANN, HEINRICH, 1822-1880

Molotovskii, M. L. [Schlemmann] Shliman. Moskva, Detekaln literatura, 1966. 160 p. (Shkol'naya biblioteka)

SCHOOL HYGIENE see subdivision under Ashkhabad

SCHOOL LIBRARIES

(see also subdivision under Kirov Province)

Together with teachers. N. Chernousov. Bibliotekar' 43 no. 9:29-31 Ag '66.

SCHOOL SUPERVISION

Some problems in the work of school inspectors. A. Petrov. Nar. obr. no. 6:20-23 Ag '66.

We should improve the supervision of school education and teaching. V. Streukozin. Nar. obr. no. 8:1-16 Ag '66.

SCHOOLS, UKRAINIAN see subdivision under Canada

SCIATIC NERVE—SURGERY

Some characteristics of nerve trunk regeneration in relation to the phase of acute radiation lesion. I. A. I. Ilyas. Biol. eksp. biol. i med. 61 no. 4:115-119 Ap '66.

SCIENCE

On the way to the "science of science." G. D. Bernal, A. L. Mackay. Vop. filos. 20 no. 7:154-160 '66.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—PHILOSOPHY

For a Leninist approach to studying the philosophical problems of natural sciences. L. Bazhenov, M. Slutskii. Kommunist 43 no. 12:48-57 Ag '66.

SCIENCE—PHILOSOPHY (Continued)

Bergey, E.S. [Dialectic of scientific knowledge and the thinking of an engineer] *Dialektika nauchnogo poznaniya i myshleniya inzhenera*. Moskva, Znaniye, 1966, 61 p. (Biblioteka "Filosofskie problemy tekhniki," no. 7)

Shvryev, V.S. [Neopositivism and problems of empirical foundation of science] *Neopozitivizm i problemy empiricheskogo osnovaniya nauki*. Moskva, Nauka, 1966, 214 p.

SCIENCE AS A PROFESSION

Regirer, E.L. [Profession of researcher in exact sciences] *O professii issledovatelya v tochnykh naukakh*. Moskva, Nauka, 1966, 165 p. (Nauchno-populyarnaya seriya)

SCINTILLATION SPECTROMETRY

Scintillation spectrometer for simultaneous study of concurrent nuclear radiations. D. L. Chuprunov, V. S. Zazulin, T. I. Mikhaleva. *Atom. energ.* 21 no. 1:50-51 Ji '66.

SCRAP METAL INDUSTRY

Some problems of planning for the formation and processing of scrap metals. S. M. Shor. *Trudy INKH* no. 42:109-119 '66.

SCRAP METALS

Kurov, P.E. [Overall mechanization of the processing of aluminum shavings] *Kompleksnaya mekhanizatsiya pererabotki aluminievoy struzhki*. Leningrad, 1966, 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Mekhanizatsiya i avtomatizatsiya transportnykh i skladnykh rabot v promyshlennosti)

SCRAP METALS—THERMAL PROPERTIES

Heat conductivity of chip metal briquets. I. U. G. Dorofeev, I. N. Nikitenko, V. S. Novopavlovskii. *Lit. proizv.* no. 5:42-43 My '66.

SCREENS (MINING)

Use of arched screens in comminution of easily splitting ores. L. E. Ivanova, V. P. Chernyshev. *Obog. rud* 11 no. 2:40-44 '66.

SCREENS (MINING)—TESTING

Industrial testing of experimental models of heavy-duty jigs. A. I. Povorov and others. *Obog. rud* 11 no. 2:44-50 '66.

SCREW CUTTING

Calculating force of thread cutting by substantiated torque. V. S. Krasnogolovtsev. *Tekh. i org. proizv.* no. 1:34-36 Ja-F '66.

SCREW-CUTTING MACHINES

The IM81 modernized screw-cutting lathe. R. Shambrin, A. Mirzolan. *Prom. Arm.* 9 no. 5: 42-43 My '66.

SCREWS—STANDARDS

Russia (1923- U.S.S.R.) *Komitet standartov, mer i izmeritel'nykh priborov*. [Wood screws] *Shurupy*. Izd. offtsiat'noe. [Moskva, Izd-vo Standartov, 1966], 18 p. (SSSR Gosudarstvennye standarty)

SEA IN LITERATURE

Vil'chinskii, V.P. [Russian writers who write about the sea] *Russkie pisateli-marinisty*. Moskva, Nauka, 1966, 233 p.

SEA LEVEL

Poresyukhin, V.I. [Taking into account tidal level fluctuations in hydrographic investigations] *Uchet prilivnykh kolebaniy urovnya pri gidrograficheskikh issledovaniyakh*. Leningrad, Gidrometeoizdat, 1966, 187 p.

SEARCHES AND SEIZURES

Criminal responsibility for the violation of the sanctity of the home. A. Feldman. *Red. pravo* 29 no. 2:62-66 F '66.

SEASONS

Fedorov, L.A. [Seasons] *Vremena goda*. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964, 125 p.

SEAWATER—ANALYSIS

Alekso, O.A. [Ocean chemistry] *Khimia okeana*. Leningrad, Gidrometeor, izd-vo, 1966, 247 p.

SEAWATER—COMPOSITION

(see also subdivision under Atlantic Ocean; Indian Ocean; Pacific Ocean; South China Sea)

Basic features of the global distribution of strontium-90 on the surface of the world ocean, 1960-1961. N. I. Popov, S. A. Patin. *Trudy Inst. okean.* 82:42-55 '66.

Concentrations of long-lived fission products on the surface of the world ocean during the moratorium of 1959-1961. N. I. Popov. *Trudy Inst. okean.* 82:35-41 '66.

Forms of existence and migration of artificial radioisotopes in seawater. S. A. Patin. *Trudy Inst. okean.* 82:72-80 '66.

Reliability of present-day chemical determinations of strontium-90 in seawater. N. I. Popov, S. A. Patin. *Trudy Inst. okean.* 82:91-106 '66.

SECOND BAKU—GAS, NATURAL—GEOLOGY

Characteristics of the distribution of oil and gas fields in the Volga-Ural oil- and gas-bearing region. M. F. Mirchinsk, G. I. Teodorovich, R. O. Khachatryan. *Izv. AN SSSR, Ser. geol.* 31 no. 7:3-20 Ji '66.

SECOND BAKU—PETROLEUM GEOLOGY

Characteristics of the distribution of oil and gas fields in the Volga-Ural oil- and gas-bearing region. M. F. Mirchinsk, G. I. Teodorovich, R. O. Khachatryan. *Izv. AN SSSR, Ser. geol.* 31 no. 7:3-20 Ji '66.

SECONDARY EDUCATION see Education, Secondary

SECONDARY RECOVERY OF OIL

Results of using artificial methods for increasing petroleum production in fields of the Oil Field Administration of the Kinel' Petroleum Trust. B. M. Belinev, L. E. Mirzolan, S. I. Nikolaev. *Nefteprom. delo* no. 7:26-26 '66.

SECTS see subdivision under Asia Minor

SECURITY, INTERNATIONAL see subdivision under Pacific Area

SEDATIVES

Data on some plants with cardiac and sedative action from the Alma-Ata Botanical Garden. S. I. Tshitsina, N. S. Dubinin, M. P. Iashchenko. *Trudy Inst. bot. AN Kazakh. SSR* 22:171-180 '66.

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEED PRODUCTION

Effect of various amounts of potassium chloride on the yield and oil content of hemp seeds. P. I. Getmanov. *Khim. v sel'. khoz.* 4 no. 6: 12-13 Je '66.

Increase production of oilseed crop seeds. N. Alenov. *Zer. i masl. kul't.* 1 no. 1:39-42 '66.

SEEDS—CLEANING

Machines for threshing floors. D. Rogalev. *Tekh. v sel'khoz.* 26 no. 6:46-47 Je '66.

OVA-1 multipurpose seed cleaning machine. V. Markov, A. Gekhtman. *Tekh. v sel'khoz.* 26 no. 6:48-49 Je '66.

Technology of harvesting seed plants and postharvest processing of perennial grass seeds. V. K. Zhurkin, M. N. Tarasova, I. M. Grinchuk. *Zemledelie* 26 no. 7: 60-67 Ji '66.

SEEDS—DISINFECTING

Ventilating apparatus. B. Valiaev. *Zashch. rast.* 11 no. 7:27 '66.

SEEDS—DRYING

Machines for threshing floors. D. Rogalev. *Tekh. v sel'khoz.* 26 no. 8:46-47 Je '66.

SEEDS—HARVESTING

Technology of harvesting seed plants and postharvest processing of perennial grass seeds. V. K. Zhurkin, M. N. Tarasova, I. M. Grinchuk. *Zemledelie* 26 no. 7: 60-67 Ji '66.

SEEDS, EFFECT OF INSECTICIDES ON

Intoxication of mustard seedlings due to preplanting treatment by insecticides. S. M. Vakhrameeva. *Khim. v sel'. khoz.* 4 no. 7:12-15 Ji '66.

SEEDS, EFFECT OF MOISTURE ON

Effect of temperature and moisture on the change in some biochemical millet properties. L. I. Dzhamagulova, I. Rakhimbayev. *Izv. AN Kazakh. SSR, Ser. biol.* 4 no. 3:57-61 My-Je '66.

SEEDS, EFFECT OF NICOTINIC ACID ON

Effect of nicotinic acid and its analogs on the yield and sugar content of sugar beets. E. D. Bogdanova and others. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 7:108-111 Ji '66.

SEEDS, EFFECT OF RADIATION ON

Postirradiation effect in seed storage as related to dose and intensity of irradiation. K. A. Filev. *Dokl. AN SSSR* 169 no. 3:660-662 Ji '66.

SEIFULLIN, SAKEN, 1894-1930—BIBLIOGRAPHY see Bibliography—Seifullin, Saken, 1894-1930

SEISMIC PROSPECTING

(see also subdivision under Black Sea; Siberia; West Siberian Plain)

Interpreting the three-layer curves of frequency electromagnetic soundings of A and H type. B. S. Enen-shtein. *Dokl. AN SSSR* 168 no. 5:1052-1055 Je '66.

Present problems of deep seismic sounding. I. P. Kosminskaya. *Geofiz. sbor.* no. 15:34-45 '66.

Using seismic prospecting methods in investigations carried out for purposes of engineering geology. V. I. Bhanov and others. *Inzh. seism.* no. 3/4:38-44 '66.

SEISMIC WAVES

Borzon, I.S., L. I. Ratnikova, and M. I. Rats-Khizgia. [Seismic transformed reflected waves] *Seismicheskie obmennoye otrazhennyye volny*. Moskva, Nauka, 1966, 222 p.

Interference rejection of the amplitude criteria of the phase correlation of seismic waves. S. V. Gol'dshin. *Geofiz. sbor.* no. 4:107-110 '66.

Use of the supercritical reflection for the lithostratigraphic allocation of the reflecting horizon in seismic logging studies. B. S. Nykyforuk. *Dop. AN UkrSSR* no. 7:893-896 '66.

SEISMOLOGY

Results of the study of the propagation of seismic waves in loamy and sandy-loam soils generated by blasting. B. K. Karapetian, S. G. Shaghiyan. *Inzh. seism.* no. 3/4: 18-20 '66.

Spatial distribution of seismic energy in the Soviet Union. G. N. Shenkarova. *Ibid. MOIP, Ost. geol.* 41 no. 7: 12 Mr-Apr '66.

Structure of the earth's crust and the sedimentary thickness of the Sea of Japan according to seismic data. V. M. Koylin, B. A. Karp, R. B. Shakhmatov. *Dokl. AN SSSR* 168 no. 5:1040-1051 Je '66.

Using in seismology the methods of interpreting wave fields developed in seismic prospecting. I. B. Doroz. *Geofiz. sbor.* no. 15:59-60 '66.

SEISMOLOGY—OBSERVATIONS

Methodological problems of engineering seismology as related to the organization of observations on data built of local materials. T. G. Sagdiev, R. S. Shumov, G. S. Seleznev. *Inzh. seism.* no. 3/4:82-83 '66.

Organization of instrumental macroseismic observations in the U.S.S.R. A. G. Nuzarov, B. K. Karapetian, N. K. Karapetian. *Inzh. seism.* no. 3/4:3-6 '66.

[Seismological bulletin of the seismic research stations of the U.S.S.R.] *Seism. bul. seti opor. seism. sta. [SSSR]* nos. 10-12 O-D '64, publ. 1965; nos. 1-6 Ja-Je '65, publ. '65-66.

SEISMOMETRY

Acceleration and velocity spectra of strong earthquakes taking place in various types of ground. S. V. Parkhlov. *Inzh. seism.* no. 3/4:7-17 '66.

SELENGA RIVER—WATER—COMPOSITION

Effect of the Selenga River on the chemical composition of soil solutions of Lake Balkal. I. B. Mikhaylovskiy. *Dokl. AN SSSR* 168 no. 5:1173-1176 Je '66.

SELENIUM

Reaction of iron with selenium at 400-1400°C. A. V. Gorekh, L. M. Kabanova, V. G. Dubosh. *Dokl. AN SSSR* 169 no. 3:639-640 Ji '66.

SELENIUM-GALLIUM ALLOYS see Gallium-selenium alloys

SELENOPHOSPHORIC ACID

Esters of selenophosphoric acid. Part 2: Mixed esters of O, O-dialkylaryldiclenothosphoric acid. M. I. Zemlinskii and others. *Zhur. ob. khim.* 38 no. 1: 1240-1243 Ji '66.

SELF-ORGANIZING SYSTEMS

Systems adjusting to the minimum of an r.m.s. error. N. I. Andreev. *Izv. AN SSSR, Tekh. kib.* no. 7:127-149 Mr-Apr '66.

SELF-SERVICE STORES

Self-service stores. I. Liberman. *Sov. tovg.* 30 no. 7:28-31 Ji '66.

SELIDOVO (DONETSK PROVINCE)—PHARMACEUTICAL SOCIETIES

Activity of the Selidovo branch of the Scientific Pharmaceutical Society. K. S. Aleksetova. *Pharmaz. zhur.* 21 no. 3:66-67 '66.

SEMANTICS

Ryachov, L.A. [Mathematics and semantics; nonclassicism as an interpretation of mathematics] *Matematika i semantika; nonklassitsizm kak interpretatsiya matematiki*. Kiev, Naukova dumka, 1966, 77 p.

SEMEN—PRESERVATION

Use of diethylene glycol for protecting built and rain semen during freezing. E. M. Platov. *Khim. v sel'. khoz.* 4 no. 6: 42-44 Je '66.

SEMONOV, NIKOLAI NIKOLAEVICH, 1890-

Nikolai Nikolaevich Semonov; on his 76th birthday. I. V. Lipchina. *TSitologiya* 0 no. 3:452-453 My-Je '66. Outstanding scientist. *Izv. AN SSSR, Ser. biol.* 31 no. 4:606-606 Ji-Ag '66.

SEMICARBAZONES

Studying the herbicidal activity of semi- and thiosemicarbazones of the pyridine series. E. G. Novikov and others. *Khim. v sel'. khoz.* 4 no. 6: 35-37 Je '66.

SEMICONDUCTOR DIODES see Diodes, Semiconductor

SEMICONDUCTORS

Criteria for the formation of solid solution of semiconductor compounds with sphalerite structure. E. N. Khabarov. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:111-113 Je '66.

SEMICONDUCTORS (Continued)

- Effect of alloying and illumination on the microhardness of semiconductor single crystals. I. U. Kh. Veklov and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:636-642 Ap '66.
- Effect of the breaking of conjugation on the properties of semiconductor polymers. A. A. Dulov and others. *Dokl. AN SSSR* 160 no. 1:111-113 JI '66.
- Energy structure of zones of some compounds in the systems Zn-Sb and Cd-Sb. V. V. Sobolev, N. N. Syrbu, S. D. Shutoy. *Izv. AN SSSR, Neorg. mat.* 2 no. 5:1016-1024 Je '66.
- Influence of the individuality of an impurity on the scattering and polytropy of impurities in gallium arsenide of electronic conductance type. V. I. Fialov and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:657-658 Ap '66.
- Preparation and study of some physical properties of solid solutions in the system Ga-Sb-Te. A. A. Abdurakhmanova, M. I. Aliev. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:667-669 Ap '66.
- Reflection spectra of zinc and cadmium arsenides and phosphides in the fundamental absorption region. V. V. Sobolev, N. N. Syrbu. *Izv. AN SSSR, Neorg. mat.* 2 no. 5:1011-1015 Je '66.
- Semiconductor fine-disperse glass crystals based on arsenic and tin selenide. E. V. Shkolnikov, Z. U. Borisova. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:670-676 Ap '66.
- Ternary semiconductor chalcogenides of the $A^I B^{III} C^{VI}$ type. L. S. Palatnik, E. I. Rogacheva. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:659-666 Ap '66.

SEMICONDUCTORS—ELECTRIC PROPERTIES

- Mobility of electrons in semiconductors with vacancies. V. M. Koshkin and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1138-1140 Je '66.

SEMICONDUCTORS—OPTICAL PROPERTIES

- Optical and photoelectric properties of ternary semiconductor compounds Cu_3AsSe_4 and Cu_3SbSe_4 . R. Annamamedov and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:772-774 Ap '66.

SEMICONDUCTORS—PHOTOELECTRIC PROPERTIES

- Characteristics of the photoconductivity spectrum of semiconductors. V. P. Elagin, E. A. Manykin. *Zhur. eksp. i teor. fiz.* 50 no. 5:1391-1392 My '66.

SEMICONDUCTORS—THERMAL PROPERTIES

- Method for determining the temperature dependence of heat conductivity of dielectric and semiconductor materials. I. A. Rozov. *Inzh. fiz. zhur.* 10 no. 6:723-727 '66.

SENSES AND SENSATION

- Akademika pedagogicheskikh nauk RSFSR, Moscow.* [Theory and practice of sensory education in kindergartens] Teoriya i praktika sensornoy vospitaniya v detskom sadu. Pod red. A. P. Usavol i N. P. Sakulnoi. Moskva, Prosveshchenie, 1965. 185 p. (NIC)

SENTENCES (CRIMINAL PROCEDURE)

- Koblikov, A. S. [Court sentence] Sudebniy prigovor. Moskva, Iuridicheskaya literatura, 1966. 133 p.
- Legal limits for courts to determine civil law claims when bringing a sentence. I. Pogrebnik. *Rad. pravo* 29 no. 7:45-47 JI '66.

SEPARATORS (MACHINES)

- Efficiency of elementary hydrocyclones in the removal of mechanical impurities from petroleum. K. A. Ibatulov, B. M. Gulman. *Izv. vys. ucheb. zav. neft' i gaz* 9 no. 3:63-68 '66.

SEQUENCES (MATHEMATICS)

- Exactness of functions. I. I. Sakhaev. *Izv. vys. ucheb. zav. mat.* no. 4:104-108 '66.
- Real class P_1 sequences. I. S. Iokhrvidov. *Dokl. AN Arm. SSR* 42 no. 5:268-273 '66.
- Sequences of functions and a central limit theorem. V. F. Gaponchik. *Mat. sbor.* 70 no. 2:146-171 Je '66.
- Set of convergence of one-dimensional iterations. O. M. Sharkovskiy. *Dop. AN URSS* no. 7:866-870 '66.

SERGEI RADONEZHSKI, Saint, 1314?-1392

- Kluchevskiy, V. O. [Significance of the Reverend Sergei for the Russian people and state] Znacheniye prepodobnogo Sergiya dlia russkogo naroda i gosudarstva. New York, Diocesan Pub. house, 1954. 40 p. (Biblioteka russkogo dukhovnogo vozrozhdeniya, Seriya 1, no. 1) (ORU)

SERIES

- Conditions for uniform convergence of double series of sines. I. E. Zhuk, A. A. Shneider. *Izv. vys. ucheb. zav. mat.* no. 4:44-52 '66.

SEROLOGY

- Effect of antisera reacting with DNA to the manifestation of the infectious activity of single-strand DNA of the 177 phage. V. D. Timokov. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:47-51 JI '66.

- Methodology of the obtaining of active antiphage sera. M. K. Shecheglova. *Zhur. mikrobiol., epid. i immun.* 43 no. 8:26-30 Ag '66.

- Standardization of the titration method of diphtheria sera in cell cultures. Report No. 2: Substantiation of the method. N. B. Kamzolnikina and others. *Lab. delo* no. 8: 498-494 '66.

- Study of the immunological properties of a soluble Rick-ettia prowazeki antigen. Report No. 3: Immunological properties of aerological "mute" fractions of soluble antigen. E. P. Lukin, A. A. Vorob'ev, N. N. Vasil'ev. *Zhur. mikrobiol., epid. i immun.* 43 no. 8:63-69 Ag '66.

SEROTONIN—THERAPEUTIC USE

- Difference of the pharmacotherapeutic effects of reserpine and serotonin in chronic poisoning in adult and newborn mice. A. A. Zykov. *Blud. eksp. biol. i med.* 62 no. 7:64-67 JI '66.

SERPENTINE

- Study of some reactions of natural serpentine (chrysotile) and active silicon by means of infrared spectroscopy. A. M. Shvachkov, M. I. Bulatov, V. B. Aleasikovskii. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1088-1092 Je '66.

SERUM

- Mechanism of the hemolytic activity of fish serum. V. I. Luk'yanenko, E. K. Miesarov, G. A. Mikheeva. *Dokl. AN SSSR* 168 no. 5:1162-1164 Je '66.

SERUM—ANALYSIS

- Chromatoelectrophoretic determination of free amino acids in human serum. V. D. Hotenlik, S. D. Raulin. *Fiziol. zhur. [Ukr.]* 12 no. 4:560-562 JI-Ag '66.

SERUM DIAGNOSIS

- Characteristics of the cutaneous-allergic reaction to dysentery allergen in young children with dysentery. S. A. Ablova, L. G. Kravchik. *Azern. med. zhur.* 43 no. 5:83-86 My '66.
- Complement fixation reaction with dry antigen as a method of serum diagnosis of leptospirosis. N. N. Tarashevich, V. G. Mitrofanov. *Lab. delo* no. 8:488-490 '66.
- Evaluation of culture media in the diagnosis of diphtheria. R. I. Nemtseva, R. D. Morgolyn. *Lab. delo* no. 8:491-495 '66.
- Precedence reaction between serum and urine of patients with psoriasis, virus encephalitis, virus hepatitis and cancer. B. A. Karpoov. *Sbor. nauch. trud. SOGIM* no. 11: 93-95 '64.
- Production of a stable preparation of sensitized erythrocytes for the passive hemagglutination reaction in tularemia. I. S. Mechirokova. *Lab. delo* no. 5:304-305 '66.

- Serological diagnosis of leptospirosis in Tula Province. T. V. D'iatkova, M. P. Dolotova. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:141-142 JI '66.

- Use of Heigle's method for the determination of antibodies of putrescent nucleoproteins in berylliosis. O. G. Alekseeva, A. A. Orlova. *Sov. med.* 20 no. 7: 86-89 JI '66.

- Use of Sarcina growth stimulant for the improvement of bacteriological diagnosis of diphtheria. Report No. 1: Improvement of the quality of modified Tyndall's medium. R. A. Brudskiy, M. T. Ivanova, K. S. Karpazhil. *Lab. delo* no. 8:490-502 '66.

- Use of the indirect hemagglutination reaction in dysentery. L. M. Shuter. *Zhur. mikrobiol., epid. i immun.* 43 no. 7:54-57 JI '66.

SERVICE INDUSTRIES

- Discussion of the civil law aspects of personal services. I. P. Prokopenko. *Sov. gos. i pravo* 36 no. 6:136-137 Ag '66.

- Panov, N. N., and V. D. Kharin. [Labor incentives for workers in the service industries] Stimulirovaniye truda rabotnikov sfery obsluzhivaniya. Pod red. B. M. Sukharevskogo. Moskva, Mysl', 1966. 123 p.

SERVICE INDUSTRIES—FINANCE

- (see also subdivision under Volgograd Province)
- Kholovets, S. B. [Financial management of enterprises in service industries] Organizatsiya finansov prodpriniy bytovogo obsluzhivaniya. Moskva, Finansy, 1966. 137 p.

- Profit and its utilization in service industry enterprises. S. Khelfets. *Fin. SSR* 40 no. 6:70-83 Ag '66.

SERVOMECHANISMS

- Construction of reproduction systems with a high degree of astatism. V. D. Vershinin. *Autom. i telem.* no. 6: 200-203 '66.

- Dynamic characteristics of relay-type servo systems. G. S. Pospelov. *Izv. AN SSSR, Tekh. kub.* no. 2:180-188 Mr-Ap '66.

- Electrohydraulic servo system for strip centering. I. S. Gomol'skiy, A. Kh. Osadchii. *Mekh. i avtom. upr.* no. 3:4-7 My-Je '66.

- Precision of setting saws in edging machines with an electrohydraulic servo drive. V. M. Kuznetsov. *Dor. prom.* 15 no. 0:9-11 Je '66.

- SESTRORETSK (LENINGRAD PROVINCE)—DESCRIPTION Olsinikov, M. K. *Sestroretsk. [Leningrad] Lenizdat*, 1965. 46 p. (Turist o Leningrade)

SET (PSYCHOLOGY)

- Bzhilava, I. T. [Psychology of set and cybernetics] Psikhologiya uslovnoy i kibernetika. Moskva, Nauka, 1966. 240 p.

SEVASTOPOL—SIEGE, 1942

- Heroes of the Communists during the Battle of Sevastopol, 1941-1942. H. I. Vantelev. *Ukr. ist. zhur.* 10 no. 8:91-95 Je '66.

SEVASTOPOL, BATTLE OF, 1944—PERSONAL NARRATIVES

- Black locust on Mount Sapun. Aleksandr Kulakov. *Voen. zhur.* 42 no. 8:8-9 Ag '66.

SEWING MACHINES

- Moscow. Tsentral'nyy institut nauchno-tekhnicheskoi informatsii legkol promyshlennosti. [Machines for sewing synthetic fabrics] Mashiny dlia shivaniya sinteticheskikh tkanei. Moskva, 1965. 13 p. (Obzor)

SEX CRIMES

- Criminological characteristics of sex delinquency of juveniles and its prevention. V. I. Akimov. *Rad. pravo* 29 no. 7:80-82 JI '66.

- Forensic psychiatric expertise on sex offenses in alcoholism. P. F. Al'tner. *Prak. sudenopsikh. ekspert.* no. 11:67-76 '66.

SEX ORGANS see Generative organs

SHAFT SINKING

- Progressive technology and machinery for coal mine shaft sinking. I. A. Polakotov and others. *Shakht. stroit.* no. 7:1-4 JI '66.

- Wear resistance of the cutters of PD-1r rock cutters during shaft boring. G. P. Mahtarov, A. S. Bank. *Varyv. delo* no. 58/15:188-193 '66.

SHAFT SINKING—EQUIPMENT AND SUPPLIES

- Use of cast asphalt concrete for filling in spaces behind timbers in mine shafts. L. M. Serebrinnyi, E. G. Balnaya. *Shakht. stroit.* no. 7:12-13 JI '66.

- Use of radio communication in shaft sinking. N. V. Novikov, B. V. Laphin. *Shakht. stroit.* no. 7:21-22 JI '66.

SHAFTING

- Calculating angle-flat shafts for torsion. K. G. Gaidmanov. *Trudy. Ufim. univ. im. I. 2:46-62 '66.*
- Composite angle-code converter. A. V. Novikov, Mekh. i avtom. upr. no. 3:37-39 My-Je '66.

SHECHEGLOVA, ANNA VASIL'EVNA, d. 1900.

- In memoriam Anna Vasil'evna Shecheglova. *Lab. delo* no. 8:507 '66.

SHEARS (MACHINE TOOLS)

- Effect of flying shear control parameter on the accuracy of cut lengths. S. N. Kozlovskiy, V. M. Loboda. *Trudy Dnepr. inst. cher. met.* 10:163-172 '65.

SHEARS (MACHINE TOOLS)—DESIGN AND CONSTRUCTION

- Study and redesign of single-barrel flying shears. S. N. Kozlovskiy, V. M. Loboda, V. S. Chudnovskii. *Trudy Dnepr. inst. cher. met.* 10:156-162 '65.

SHELINKA GAS FIELD—GAS FIELD DEVELOPMENT

- New production graph of the Shelinka Gas Field Administration. V. T. Borisov. *Neft. i gaz. prom.* no. 2:39-40 Mr-Ap '66.

SHEEP

- (see also subdivision under Kazakhstan)

- DZO-8 machine for sheep milking. Jan Gulla. *Tekhn. v sel'khoz.* 20 no. 5:89 Je '66.

SHEET BREEDING see subdivision under Turkmenistan

SHEET METAL WORK

- Automatic stamping of rotor and stator plates of an electric motor. I. V. Kakhin. *Blud. tekhn.-ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform.* 18 no. 6: 14-15 Je '66.

SHEET STEEL—COLD WORKING

- Stress and strain conditions during the cold rolling of transformer steel. N. M. Petosov, V. I. Papchenko. *Stal'* 26 no. 6:546-548 Je '66.

SHEET STEEL—METALLURGY

- Improving the quality of cold-rolled sheets with decarboxylation of 20 ap steel by ferroaluminum. S. F. Karp and others. *Stal'* 26 no. 6:517-519 Je '66.

SHEET STEEL—STANDARDS

- Regulate standards for sheet steel. V. V. Viranovskii, B. M. Tsiirilin. *Stand. i kach.* 30 no. 3:82 Mr '66.

SHEET STEEL—TESTING

- Low-alloyed manganese sheet steel with niobium. N. I. Sandler and others. *Stal'* 26 no. 6:540-543 Je '66.

SHELGUNOV, VASILII ANDREEVICH, 1867-1939

- Rozanov, M. D. *Vasilii Andreevich Shelgunov. [Leningrad] Lenizdat*, 1966. 334 p.

SHELLS (ENGINEERING)

Stability of a cylindrical shell with an elastic filler under the action of an external radial pressure. B. A. Korbut, S. G. Saksonov. *Izv. vys. ucheb. zav. av. tekhn.* 9 no. 2:38-43 '66.

SHVACHENKO, TARAS HRYHOROVYCH, 1814-1861

Discussion of Shvachenko's ideas in periodical "Dzvynok." S. O. Velhods'ka. *Bibliot. ta bibl.* no. 2:175-183 '65.
Lutiv, Luka. [T. Shvachenko, bard of Ukrainian glory and freedom] T. Shvachenko - spivets' ukrains'koi slavy i voli. New York, Naukovo-tvo im. Shvachenka i 'Svoboda' [1964] 189 p.

SHIELDING (RADIATION)

Attenuation of high-energy neutron fluxes by heterogeneous shielding. L. N. Zaitsev and others. *Atom. energ.* 21 no. 1:56-57 '66.

SHIGELLA

Effect of human gastric juice on dysentery bacilli resistant and sensitive to tetracycline. Z. N. Dzhanava. *Stor. nauch. trud. SOGMI* no. 11:139-145 '64.
Immunogenicity and sensitizing properties of sex recombinants of *Escherichia coli* and *Shigella flexneri*. N. S. Motavkina. *Biul. eksp. biol. i med.* 62 no. 7:74-78 '66.

SHIPBUILDING—MANAGEMENT

see subdivision under Leningrad

SHIPBUILDING—TECHNOLOGICAL INNOVATIONS

Logvin, S. P. [Technical progress in shipbuilding and the manufacture of ship machinery] Tekhnicheskii progress v sudostroenii i sudovom mashinostroenii. Leningrad, Sudostroenie, 1966. 151 p.

SHIPPING—ABSTRACTS

[Water transportation] Ref. zhur.:Vod. transp. no. 6 Jo '66.

SHIPS—ELECTRIC WIRING

Posherstnik, M. U., and M. A. Salutin. [Manual on ship cables and wiring] Spravochnik po sudovym kabe-lam i provodam. Leningrad, Sudostroenie, 1966. 251 p.

Repairing the electric wiring on the "Bol'shaya Volga"-type ships. S. Filalo. *Rech. transp.* 25 no. 7:28 '66.

SHIPS—HYDRODYNAMICS

Approximate determination of the damping coefficients of heaving and pitching of finite amplitudes. V. V. Lugovskii. *Trudy TSNIMF* no. 72: 32-41 '66.

Calculation of the characteristics of pitching of ships by numerical methods. D. V. Kondrikov. *Trudy TSNIMF* no. 72: 113-123 '66.

Calculation of the vibration of hydrodynamic forces and moments during the work of the propeller in unsteady stern flow. M. A. Grechin. *Trudy TSNIMF* no. 72: 42-52 '66.

Conditions causing intensive rolling of the ship in relatively short waves. L. N. Strelnikov. *Trudy TSNIMF* no. 72: 99-112 '66.

SHIPS—LAUNCHING

Arkhangel'skiy, A. G., L. M. Belen'kiy, and A. B. Litvin. [Collapsible paddings in shipbuilding and repair] Smalushchiesha prokladki v sudostroenii i sudoremon-te, Leningrad, Sudostroenie, 1966. 130 p.

SHIPS—LIFTING DEVICES

(see also subdivision under Belgium)

Grachev, A. P. [Foreign ship-lifting devices; review] Sudopod'emnye sooruzheniya za rubezhom; obzor. Moskva, Transport, 1966. 475 p.

SHIPS—MAINTENANCE AND REPAIR

Lishin, A. B. [Polymers in ship repair] Polimery v sudoremon-te. [Murmansk] Murmanskoe knizhnoe izd-vo, 1964. 47 p.

Preventing the dislocation of cradles during hoisting of ships on the building ways. V. Cherepnin. *Rech. transp.* 25 no. 7:20-23 '66.

Time of creative quests. N. Khramovskikh. *Par. zhizn'* no. 17:34-39 S '66.

SHIPS, CONCRETE

Bondurianskiy, Z. P., M. A. D'achkov, and E. E. Melamed. [Seagoing concrete vessels; hull design] Mor-skie zhelezobetonnye suda; proektirovaniye korpusa. Leningrad, Sudostroenie, 1966. 199 p.

SHIPYARDS—HYGIENIC ASPECTS

For the production culture and industrial aesthetics. N. Polymn. *Rech. transp.* 25 no. 7:18-20 '66.

SHIRMA, GRIGORI ROMANOVICH, 1892-

Nisnevich, I. G. [Grigori Romanovich Shirma; an account of his life and work] Grigori Romanovich Shirma; ocherk zhizni i tvorchestva. Leningrad, Muzyka, 1964. 50 p.
(WU)

SHKAPOVO OIL FIELD—PETROLEUM PRODUCTION

Some problems of the intensified development of layer D₁ of the Shkapovo field. M. G. Ovanesov, V. Z. Karpushin, I. K. Iufarov. *Neftprom. delo*, no. 7:8-5 '66.

SHMANENKOV, NIKOLAI ALEKSANDROVICH, 1906-

Nikolai Aleksandrovich Shmanenkov's sixtieth birthday. *Khim. v sel. khoz.* 4 no. 7:70-80 '66.

SHOCK

Reanimation in traumatology. V. A. Nagovskii and others. *Ortop. travm. i protez.* 27 no. 5:3-11 My '66.
Some characteristics of anesthesia in grave and terminal stages of traumatic shock. K. M. Vintseml, P. S. Zolotokrylina, T. P. Bel'skaya. *Ortop. travm. i protez.* 27 no. 5:16-21 My '66.
Some problems of anesthesia and reanimation in patients with hip injuries and 4th-degree shock. A. I. Akseil'-rod. *Ortop. travm. i protez.* 27 no. 5:11-15 My '66.

SHOCK (MECHANICS)

Theory of collision between rods of equal cross section and similar material with elastic spherical butts. P. M. Alabuzhev, B. N. Stikhanovskii. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 3:93-98 '66.

SHOCK WAVES

Brightness temperature of shock waves in xenon and in the air. A. E. Voltenko, I. Sh. Model', I. S. Samodelov. *Dokl. AN SSSR* 169 no. 3:547-549 '66.
Collisionless shock waves in a rarefied plasma. I. U. A. Berezin, R. Kh. Kurmullayev, I. U. E. Nesterikhin. *Fiz. gaz. i plazmy* no. 1:3-28 '66.
Criterion of the one-dimensional instability of a gas detonation. S. K. Aslanov. *Dop. AN URSR* no. 7:971-974 '66.

Diagram for an optimal design of the shock-wave system in externally compressed axisymmetric supersonic diffusers. A. P. Pudovcev. *Izv. vys. ucheb. zav. av. tekhn.* 9 no. 2:151-153 '66.

Interaction between unloading waves and shock waves. A. I. Buravtsev, N. A. Eeculina. *Vest LGU* 21 no. 13: 55-63 '66.

Piston motion in a heat-conducting and viscous medium. M. P. Mikhailova. *Dokl. AN SSSR* 169 no. 1:55-57 '66.

Stability of the detonation front in a gas mixture of the Chapman-Gouget model. S. K. Aslanov. *Dokl. AN SSSR* 169 no. 1:136-138 '66.

Studying the stability of shock waves in arbitrary media. S. K. Aslanov. *Dokl. AN SSSR* 169 no. 2:393-395 '66.

SHOE INDUSTRY

see subdivision under Georgia

SHOE INDUSTRY—EQUIPMENT AND SUPPLIES

Kapustin, I. I., and I. I. Galyuker. [Automatic machines and lines in the clothing and shoe industries] Mashiny-avtomaty i avtomaticheskie liniy v shveyinom i obuvmom proizvodstvenkh. Moskva, Legkaya industriya, 1966. 421 p.

SHOE MACHINERY

Margolin, V. E., I. I. Kapustin, and D. I. A. P'etkii. [Design of the semiautomatic movement guides in mechanisms for lightening shoes; manual] O proektirovani napravavlushechikh dvizheniya v mekhanizmach poluavtomatov dlia zatlazhki obuvi; uchebnoe posobie. Moskva, Legkaya industriya, 1965. 18 p.

SHOOTING

(see also subdivision under Samarkand Province)

Coaches must be trained as well. V. Fedortsov. *Voen. znan.* 42 no. 8:40 Ag '66.

SHOOTING CONTESTS

(see also subdivision under Krasnodar)

The Minsk people are lending again. A. Pavlov. *Voen. znan.* 42 no. 7:42 '66.

Soviet riflemen took the first prize. *Voen. znan.* 42 no. 7:43 '66.

SHOPPING CENTERS

see subdivision under Bashkiriya

SHORE PROTECTION

see subdivision under Amur River

SHORT CIRCUITS

Determining the static characteristics of self-adjusting systems in the welding process with short-circuiting of the arc. I. R. Patskevich, A. M. Popkov. *Svar. protzv.* no. 6:18-20 Jo '66.

SHOSTAKOVICH, DMITRII DMITRIYEVICH, 1906-

Shostakovich, D. D. Katerina Izmailova. Moskva, Muzyka, 1966. 108 p. (Opusnyye libretto)

SHOT PEENING

Shashin, M. I. A. [Evaluation of the efficiency of shot peening based on generalized parameters] Otsenka effektivnosti obrabotki droblu na osnovye obobshchennykh parametrov. Leningrad, 1966. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opt. Sorita. Uchebnoe kachestva, povysheniye nadezhnosti i dolgozhechnosti mashin, priborov i drugikh promyshlennykh izdelii)

SHOULDER—DISEASES

Pathogenesis and pathogenetic treatment of brachio-scapular periarthritis. A. L. Latynov. *Ortop. travm. i protez.* 27 no. 7:15-19 '66.

SHIPETSER, MARK SEMENOVICH, 1896-

Mark Semenovich Shipetser on his 70th birthday. *Zh. zh. nevr. i psikh.* 66 no. 8:1290 '66.

SHREWS

see subdivision under Sakhatin

SHUMSHU ISLAND—WORLD WAR, 1939-1945

With a bright flame. V. Makshinov. *Voen. zhnan.* 43 no. 8:12 Ag '66.

SIBERIA—AGRICULTURAL EDUCATION

Strakach, I. U. B. [National traditions and training of modern industrial and agricultural labor force; taiga and tundra regions of Siberia] Narodnye traditsii i podgotovka sovremennykh promyslovo-sel'skokhozhaystvennykh kadrov; taizhnyo i tundrovyye ralyony Sibiri. Novosibirsk, Nauka, 1966. 145 p.

SIBERIA—CELESTITE

Characteristics of the distribution of celestine in the Paleozoic of Siberia. V. I. Dyatlov. *Geol. i geofiz.* no. 4:15-25 '66.

SIBERIA—COAL MINES AND MINING—COAL WEATHER CONDITIONS

Applying the methods of hydraulic analogies to the study of heat conditions in coal mines in the taiga. A. F. Zilberbord, I. U. A. Rademnyy. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 2:125-133 '66.

SIBERIA—COKE INDUSTRY

Coal supply center for coking in eastern and central regions of the U. S. S. R. V. D. Fridlberg. *Koksh. i koks.* no. 5:4-8 '66.

SIBERIA—COOPERATIVE SOCIETIES

Novosibirsk. Institut novykh kooperativnykh form. [Essays on history of consumer's cooperatives in Siberia] Ocherk istorii potrobitelskoi kooperatsii Sibiri. Pod muchnoi red. V. K. Ivanchenko. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 315 p.

SIBERIA—GEOLOGICAL TIME

Geological age of Paleolith of southern Siberia. G. S. Adamenko. *Blul. Kom. chetv. per.* no. 3:130-141 '66.

SIBERIA—GEOLOGY, STRUCTURAL

Morphological structure of the Mongolian-Okhotsk fold. V. P. Chichagov. *Blul. MOU, Od. geol.* 41 no. 2: 103-110 Mr-Apr '66.

SIBERIA—HISTORY

Akademiya nauk SSSR. Sibirskoe otdelenie. [Siberia during period of capitalism] Sibiri' perioda kapitalizma. Novosibirsk, Nauka. (Majority no. 1000 Sibiri) No. 2. [Economic, social and political development of Siberia in 1801-1917] Ekonomicheskoe i obshchestvenno-politicheskoe razvitiye Sibiri v 1801-1917 gg. '66. 180 p.

SIBERIA—ICE ON RIVERS, LAKES, ETC.

Butagin, I. P. [Strength of ice and ice sheets; field studies on Siberian rivers] Prochnost' l'da i ledy na pokrova; naturnyye issledovaniya na rekakh Sibiri. Novosibirsk, Nauka, 1966. 153 p.

SIBERIA—LABOR AND LABORING CLASSES

Kadochnik, V. A. [Workers of Siberia in the struggle for Soviet power and realization of the first socialist reforms, November 1917-August 1918] Rabochie Sibiri v bor'bu za vnutr' Sovetov i osushchestvleniye pervykh sotsialisticheskikh preobrazovaniy, noyabr' 1917-avgust 1918 gg. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1966. 368 p.

SIBERIA—MUNITIONS

The struggle of Siberian workers for the development of the munitions industry in 1941-1942. M. R. Akshatov. *Ist. SSSR* 10 no. 3:27-47 My-Ju '66.

SIBERIA—NATIONALITIES

Strakach, I. U. B. [National traditions and training of modern industrial and agricultural labor force; taiga and tundra regions of Siberia] Narodnye traditsii i podgotovka sovremennykh promyslovo-sel'skokhozhaystvennykh kadrov; taizhnyo i tundrovyye ralyony Sibiri. Novosibirsk, Nauka, 1966. 145 p.

SIBERIA—REVOLUTION, 1917-1921

Dvorjanov, N. V., and V. N. Dvorjanov. [In home front areas of Kolchak Army] V tylu Koltchaka. [Izd. 2., perer. i dop.] Moskva, Mysl', 1966. 260 p.

Kadochnik, V. A. [Workers of Siberia in the struggle for Soviet power and realization of the first socialist reforms, November 1917-August 1918] Rabochie Sibiri v bor'bu za vnutr' Sovetov i osushchestvleniye pervykh sotsialisticheskikh preobrazovaniy, noyabr' 1917-avgust 1918 gg. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1966. 368 p.

SIBERIA—SEISMIC PROSPECTING

Examination of possibilities of using aerial bombs for seismic studies in the Siberian regions difficult to reach. N. P. Konishchev, S. V. Potap'ev, I. S. Chelobishin. *Geol. i geofiz.* no. 3:121-125 '66.

- SIBERIA—TRILOBITES**
Some recent Middle Cambrian trilobites of northern part of Central Siberia. N. P. Lazarenko. Uch. zap. NIGA. Ser. "Paleont. i biostr." no. 7:14-35 '65.
- SIBERIA—WATER, UNDERGROUND**
Akademiya nauk SSSR. Sibirskoe otdelenie. Institut zemnoi kory. [Methodology of hydrogeological studies and the resources of underground waters in Siberia and the Far East] Metodika gidrogeologicheskikh issledovaniy i resursy podzemnykh vod Sibiri i Dal'nego Vostoka. Moskva, Nauka, 1966. 358 p.
- SIBERIA—WOOD—USING INDUSTRIES**
Forest industry centers in Siberia. E. A. Zelenov. Bum. prom. no. 6:1-3 Je '66.
- SIBERIA—WORLD WAR, 1939-1945**
Irreparable use of archival documentary materials. I. I. Kuznetsov. Ist. SSSR 10 no. 3:229-231 My-Je '66.
- SIBERIA, EASTERN—AGRICULTURAL RESEARCH—CONGRESSES**
Zonal'noe nauchno-metodicheskoe soveshchaniye sel'skokhozyaistvennykh nauchno-issledovatel'skikh uchrezhdenii Vostochnoi Sibiri, Krasnoyarsk, 1965. [Materials of the Regional Scientific and Methodological Conference of the Agricultural Research Institutions of Eastern Siberia] Materialy. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1965. 68 p. (DNL)
- SIBERIA, EASTERN—ETHNOLOGY**
Gurvich, I. S. [Ethnic history of Northeastern Siberia] Etnicheskaya istoriya Severo-Vostochnoi Sibiri. Moskva, Nauka, 1968. 269 p. (Akademiya nauk SSSR. Institut etnografiy. Trudy, vol. 89)
- SIBERIA, EASTERN—FERTILIZERS AND MANURES**
Methodological conference of agricultural institutions and regional agrochemical laboratories in Eastern Siberia. L. Krupkin, L. Antipina, Khim. v sel'sk. khoz. 4 no. 8: 80 Ag '66.
- SIBERIA, EASTERN—MITES**
Gamaisid mite *Eugamasus loricaeus* (Wankel, 1861) (Parasitiformes, Gamasoidea) in Eastern Siberia. A. A. Goncharova, T. G. Buiakova. Zool. zhur. 45 no. 7:1004-1016 '66.
- SIBERIA, EASTERN—ROCK SALT**
Salinity of the Ussolye series of the upper Lena region (Kuznetsovsk area). I. N. Sulinov. Geol. i geofiz. no. 4:128-133 '66.
- SIBERIA, WESTERN—BOTANY, ECONOMIC—BIBLIOGRAPHY**
Moscow. Gosudarstvennaya publikatsiya nauchno-tekhnicheskoi biblioteka SSSR. Bibliograficheskiy otdel. [Vegetation and plant resources of Western Siberia; a bibliography, 1909-1962] Rasitel'nost' i rastitel'nye resursy Zapadnoi Sibiri; bibliografiya, 1909-1962 gg. Sost. T. A. Vorob'ova pri uchastii V. P. Skolovoi i A. A. Konograi. Moskva, Nauka, 1964. 151 p.
- SIBERIA, WESTERN—LAKES**
Novosibirsk. Gosudarstvennyi pedagogicheskii institut. [Problems in the hydrology of Western Siberia] Voprosy gidrologii Zapadnoi Sibiri. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 61 p.
- SIBERIA, WESTERN—MAGNETISM, TERRESTRIAL**
Paleomagnetic studies of Lower Miocene lacustrine clays in the Tyro Valley (Western Siberia). M. G. Gorbunov, G. A. Pospelova. Geol. i geofiz. no. 4:99-108 '66.
- SIBERIA, WESTERN—PARAFFIN WAX**
Peculiarities of paraffin deposition in tubings of flowing wells in Western Siberia. L. F. Volkov, V. P. Makst-mov. Neft. khoz. 44 no. 6:28-31 Je '66.
- SIBERIA, WESTERN—SAWFLIES**
Complex foci of mass reproduction of sawflies (Diprionidae) in pine forests. N. G. Kolomiets. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:150-151 '66.
- SIBERIA, WESTERN—TREES**
Interrelationship between woody plants and forest belts in the steppe and forest steppe zones of Western Siberia. L. A. Lamin. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:141-144 '66.
- SIBERIA, WESTERN—WATER, UNDERGROUND—COMPOSITION**
Iodine and bromine content of interstitial solutions of Mesozoic sediments in Western Siberia. L. I. Florova. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 8: 86-100 Je '66.
- SIBIRIAN PLATFORM—GEOLOGY, STRATIGRAPHIC**
Middle Paleozoic volcanic sedimentary series of the Ygryta Depression (eastern part of the Siberian Platform). V. L. Masaitis, M. V. Mikhailov. Geol. i geofiz. no. 4:43-53 '66.
- SIBIRIAN PLATFORM—PETROLEUM GEOLOGY**
Basic stages and phases of the migration of oil in the Tunguska syncline and Anzhar anticline. (Siberian Platform). I. S. Gol'dberg, K. K. Makarov. Geol. i geofiz. no. 3:3-19 '66.
- SIDEL'NIKOV, STEPAN IVANOVICH, 1910-**
Professor S. I. Sidel'nikov's 50th birthday. V. S. Ukr. ist. zhur. 10 no. 6:191 Je '66.
- SIDOROV, ARKADIY LAVROVICH, 1900-1966—BIBLIOGRAPHY** see Bibliography—Sidorov, Arkadiy Lavrovich, 1900-1966
- SIEVES**
Experimental investigation of the performance of GIK-1 shaking grizzlies. S. N. Kozhevnikov, E. A. Kozakov, V. S. Egorov. Trudy Dnepr. inst. chem. met. 18:19-24 '65.
- SIGNS AND SYMBOLS** see subdivision under India
- SIKHOTE-ALIN' RANGE—GEOLOGY**
Separation of Late Paleogene and Late Neogene intrusions in eastern Sikhote-Alin' Range. M. A. Akhmetov, L. P. Botyleva. Sbor. st. po geol. i gidrogeol. no. 5:89-101 '65.
- SIKHOTE-ALIN' RANGE—GEOLOGY, STRUCTURAL**
Tectonic position of Cretaceous and Cenozoic granitoid intrusions in northern Sikhote-Alin' Range. G. M. Levitan, S. A. Salun. Sbor. st. po geol. i gidrogeol. no. 5: 76-89 '65.
- SIKHOTE-ALIN RANGE—ROCKS, IGNEOUS**
Main characteristics of igneous activity in the various stages of geological development in the southern part of the Sikhote-Alin' Range. B. A. Ivanov. Geol. i geofiz. no. 3:50-56 '66.
- SILANE**
Catalytic chlorination of methyl-(phenyl)-chlorosilanes. E. P. Mikheev, B. A. Charskaya. Plant. massy no. 3:32-34 '66.
Synthesis of acetylenic formals and their hydrostylation. I. A. Shikhov, A. A. Vintukha, B. M. Gusein-zade. Zhur. ob. khim. 36 no. 7:1293-1295 Ji '66.
- SILICA**
(see also subdivision under Ural Mountain region)
Destructive effect of moisture in heterophilic structures. G. D. Dibrov and others. Dokl. AN SSSR 168 no. 3:641-644 Ji '66.
Properties of silica gel formed in the interaction of hydrofluosilicic acid and aluminum hydroxide. L. D. Skrylev. Koll. zhur. 28 no. 3:454-459 My-Je '66.
Some data on the sources of silica in hydrothermal solutions based on the results of experimental studies. S. N. Venediktov. Trudy VNIIP [MS] 2 no. 1:37-45 '68.
Study of some reactions of natural serpentine (chrysotile) and active silica by means of infrared spectroscopy. A. M. Shvelinkov, M. I. Tulatov, V. B. Aleksovskii. Izv. AN SSSR, Neorg. mat. 2 no. 6:1088-1092 Je '66.
- SILICA—PHYSIOLOGICAL EFFECT**
Changes in respiratory organs in experimental inhalation of silica aerogel. T. S. Sunargulov. Arkh. pat. 26 no. 6:15-20 '66.
- SILICATES**
(see also subdivision under Chapa Valley, Krasnoyarsk Territory)
Rate of dissolution of oxides in liquid silicates. V. G. Kovalenko, I. U. P. Nikitin, V. I. Krutik. Izv. AN SSSR, Neorg. mat. 2 no. 6:1151-1153 Je '66.
System BaO - ZnO - SiO₂ at subacidic temperatures. V. G. Chukhlantsev, I. U. M. Galkin. Dokl. AN SSSR 160 no. 3:645-647 Ji '66.
Technological properties of fused silicates based on mineral charge mixtures for stone casting. V. A. Chachulin, I. U. G. Kovalev. Trudy Ural. politekh. inst. no. 145: 152-163 '65.
- SILICATES—CONGRESSES**
Respublikanskoe soveshchaniye po primeneniyu redkikh metallov v promyshlennosti, Minsk, 1963. [Problems of use of rare metals in silicate industry; reports] Voprosy primeneniya redkikh metallov v silikatnoi promyshlennosti; [doklady]. Pod red. N. N. Ermolenko. Minsk, Vysshaya shkola, 1964. 50 p.
- SILICON CRYSTALS**
Effect of alloying on monocrystalline silicon creep. M. G. Mil'vidskii, V. B. Osvenskii, O. G. Stollarov. Izv. AN SSSR, Neorg. mat. 2 no. 4:568-568 Ap '66.
Pressure crack figures in a silicon single crystal. I. D. Kirval'dze. Soob. AN Gruz. SSR 43 no. 1:57-62 Ji '66.
- SILICON CRYSTALS—DEFECTS**
Energy spectrum of dislocations in silicon single crystals due to radiation. A. N. Sechenko, V. D. Tsvachev, P. F. Luganov. Dokl. AN SSSR 169 no. 3:502-504 Ji '66.
- SILICON DIODES**
VDL diffusion-type silicon power rectifiers with regulated avalanche. V. M. Volle and others. Elektricheskoe no. 7:56-58 Ji '66.
- SILICON-GERMANIUM ALLOYS** see Germanium-silicon alloys
- SILICON-IRON ALLOYS** see Iron-silicon alloys
- SILICON ORGANIC COMPOUNDS** see Organosilicon compounds
- SILKWOOLS**
Changes in fat and water amount in Chinese tussock moth pupae as related to photothermal conditions. I. M. Zolotovskii. Dop. AN URSSR no. 7:955-958 '66.
Some characteristics of sexual cell formation in silk-worm (*Bombyx mori* L.) at various stages of its development. A. V. Bohach. Dop. AN URSSR no. 7:951-954 '66.
- SILOXANES**
Conversions of polyorganosiloxanes in the process of thermal polycondensation and catalytic polymerization. A. I. Petrushko and others. Izv. AN SSSR, Ser. khim. no. 7:1145-1154 '66.
Organosilylborosiloxanes. K. A. Andrianov, T. V. Vasil'eva, R. A. Romanova. Dokl. AN SSSR 168 no. 5:1057-1060 Je '66.
Stabilization of polyloxanes by complex compounds of cerium. R. I. Kobzova, E. M. Oparina, N. K. Levkina. Plant. massy no. 3:33-32 '66.
- SILVER**
Effect of small additions silver on the electric resistance of palladium. E. G. Okunikov. Met. i metalloved. chist. met. no. 5:77-81 '66.
- SILVER ORES** see subdivision under Chechul Podnash
- SIMFEROPOL—CRIME PREVENTION**
Prevention of crimes and violations of socialist legality. M. Lobachov. Rad. pravo 29 no. 7:32-33 Ji '66.
- SIMFEROPOL—LAW ENFORCEMENT**
Prevention of crimes and violations of socialist legality. M. Lobachov. Rad. pravo 29 no. 7:32-33 Ji '66.
- SIMILITUDE, THEORY OF**
Alabuzhev, P. M., and L. M. Mukovich. [Fundamentals of similitude theory and modeling] Osnovy teorii podobli i modelirovaniya. Novosibirsk, In-t gornogo deln, 1965. 83 p.
Determination of the concept "similarity." V. S. Peln. Izv. AN SSSR, Tekh. kib. no. 2:74-78 Mr-Ap '66.
Selecting modeling materials by their similarity in the statistical sense. R. O. Amaslan. Dokl. AN Arm. SSR 42 no. 5:275-283 '66.
- SIMULATION METHODS**
Simulation of the motion of particles at the inlet to the nozzle of a pneumatic harvester. S. P. Volkus, N. V. Kislov, I. S. Nagorski. Izv. vys. ucheb. zav.; energ. 9 no. 7:103-109 Ji '66.
- SINDHI LANGUAGE**
Egorova, R. P. [Sindhi language] Iazyk sindhi. Moskva, Nauka, 1966. 110 p. (Iazyki narodov Azii i Afriki)
- SINGERS**
Barnanova, G. I. [Young voices] Molodeye golosa. [Moskva] Molodai gvardiya, 1966. 156 p. illus.
- SINTERING**
(see also subdivision under Durgaria)
Effect of particle size and the amount of recovery on the output and strength of the sinter. B. M. Nosavitskii. Izv. vys. ucheb. zav.; chem. met. 9 no. 7:35-39 '66.
- SIRKO, IVAN, d. 1860**
Negligence or the ignorance of historical facts? Volodymyr Halyts'kyi. Ukr. ist. zhur. 10 no. 6:152-154 Je '66.
Ukrainian literature and the story on Ivan Sirko in Samoil Velychko's annals. I. A. Dzyra. Ukr. ist. zhur. 10 no. 6:154-156 Je '66.
- SKARNS** see subdivision under Zangezur Range
- SKELETON**
Sequence of actions in expertise on bone remnants for determination of species. V. I. Pashkova. Sud.-med. eksp. 0 no. 3:24-27 Ji-S '66.
- SKIN**
In vitro cultivation of the skin of adult persons for cytogenetic studies. I. U. E. Blak. Biol. eksp. biol. i med. 82 no. 7:117-120 Ji '66.
Nature of allergic reactions of the skin. A. T. Kravchenko. Zhur. mikrobiol., epid. i immu. 43 no. 7:79-84 Ji '66.
- SKIN—DISEASES**
Dynamics of the content of potassium and calcium in the blood of patients with psoriasis and eczema. B. A. Totolov. Sbor. nauch. trud. SOGMI no. 11:99-105 '64.

SKIN--DISEASES (Continued)

Studzint, A.A., and B.G. Stodanov. [Skin and venereal diseases] Kozhnye i venericheskie bolezni. Moskva, Meditsina, 1966. 235 p.
(DNLm)

Ultrasound in the treatment of some skin diseases. T.T. Tadzhibaev, V.I. Areshchev. Sov. med. 29 no. 7: 131-134 JI '66.

SKIN--INNERVATION

Reparative regeneration of the neuroreceptor apparatus of rabbit ear skin under the effect of various biostimulants. A.D. Akramovskaya and others. Biol. eksp. biol. i med. 61 no. 4: 97-101 Ap '66.

SKIN--TRANSPLANTATION

Synthesis of cysteine in skin homogenates. A.L. Paducheva, O.P. Belugina. Biol. eksp. biol. i med. 61 no. 4: 51-53 Ap '66.

SKIN--TUBERCULOSIS

Klev. Ukrainakii nauchno-issledovatel'skii institut tuberkulioza. [Problems of cutaneous tuberculosis] Voprosy tuberkulioza kozhi. Kiev, Gos. med. izd-vo USSR, 1964. 165 p.
(DNLm)

SKIN--TUMORS

Cylindromas of the skin. A.V. Gubareva. Arkh. pat. 28 no. 5: 16-23 '66.

Tumors from epidermal cysts of the skin. A.K. Apantenko, V.S. Turusov. Arkh. pat. 28 no. 5: 10-18 '66.

SKIN GRAFTING

Effect of ionizing radiation on the morphogenesis of skin structures in cultures of the organism according to Lazarenko, Z.S. Khlystova, O.N. Rakitina. Radiobiologiya 6 no. 4: 574-577 '66.

SKIN AND SKINING

(see also subdivision under Novgorod)

Output of ski parts in combination-type sawing of logs. V.M. Preskin. Der. prom. 15 no. 6: 22-23 Je '66.

SKOPJE REGION (YUGOSLAVIA)--EARTHQUAKES

Seismic conditions in the Skopje region following the earthquake on July 26, 1963 according to instrumental observations. E.A. Koridalin and others. Dokl. AN SSSR 168 no. 5: 1132-1134 Je '66.

SKULL--FOREIGN BODIES

Case of foreign body in skull. -IU, K. Chernenko. Sud. -med. eksp. 0 no. 3: 58-57 JI-S '66.

SKULL--WOUNDS AND INJURIES

Some vegetative and vascular reactions in acute cranio-cerebral trauma of a light and medium degree; based on oculo-graphic and plethysmographic data. V.M. Koteneva. Trudy TSU 81: 21-24 '66.

SLAG

Gladikh, K.V. [Slags are not wastes, but valuable raw materials] Shlaki - ne otkhody, a tsennoe syr'ye. Moskva, Stroiizdat, 1966. 112 p. (Nauchno-populjarnaya seriya)

Linear rate of slag mineral crystallization as influenced by water treatment of molten blast-furnace slags. IU, D. Kruchinin, L.V. Ivanova. Dokl. AN SSSR 168 no. 6: 1362-1363 Je '66.

SLANDER

Protection of the good name and dignity of Soviet citizens. L. Hushchenko, P. Stavyskiy. Rad. pravo 29 no. 2: 73-77 F '66.

SLAVIC ANTIQUITIES see subdivision under White Russia

SLAVIC LITERATURE--HISTORY AND CRITICISM

Akademiya nauk SSSR, Institut slavovedeniya. [Development of non-Soviet Slavic literatures at the present time] Razvitiye zarubezhnykh slavyanskikh literatur na sovremennoy etape. Moskva, Nauka, 1965. 438 p.

SLAVIC STUDIES

The First International Congress of Slavic Archaeology in Warsaw. L.D. Pobal'. Vestn. AN BSSR, Ser. hram. nav. no. 2: 129-131 '66.

SLAVS--HISTORIOGRAPHY

Bellavskaya, I.M., I.A. Voronkov, and V.G. Karasev, eds. [Slavic historiography] Slavyanskaya istoriografiya; sbornik statei. [Moskva] Izd-vo Mosk. univ., 1965. 281 p.

SLAVYANSK (DONETSK PROVINCE)--PHARMACEUTICAL SOCIETIES

Activity of the Slavyansk branch of the Scientific Pharmaceutical Society and the organization of the First Scientific and Practical Conference of the district. P.I. Sukhov, Farmatsev. zhur. 21 no. 3: 83-86 '66.

SLEEP

Dynamics of summery bioelectric activity of brain in man during sleep. A.N. Shepovnikov. Zhur. vyzn. nerv. delat. 18 no. 4: 699-707 JI-Ag '66.

Method of electrophysiological study of deep sleep and of the awakening process in man. V.I. Minsulov, L.S. Chesalin. Vop. psikh. 12 no. 3: 174-178 My-Je '66.

SLEEP THERAPY

Use of electrosleep in the treatment of cardiovascular diseases. L.A. Studintayna. Sov. med. 29 no. 7: 73-77 JI '66.

SLOVAKIA--MUSIC--PERIODICALS

The periodical, the authors, the readers. O. Elsek. Sov. muz. 30 no. 5: 143-145 My '66.

SLOW LEARNING CHILDREN

Interview with a young school principal (continuation). V. Sukhomlinskii. Nar. obr. no. 8: 44-51 Ag '66.

SMALLPOX--PREVENTION

Possibility of peroral immunization of experimental animals with smallpox vaccine virus. Report No. 1: Immunological changes in vaccinated animals. A.A. Vorob'ev and others. Zhur. mikrobiol., epid. i immun. 43 no. 8: 69-72 Ag '66.

SMELTING FURNACES

Automatic control of the thermal conditions of a gas-fired pig iron smelting furnace. IU, V. Chaplygin, A.E. Erinov, A.P. Nechitalo. Mekh. i avtom. upr. no. 3: 13-15 My-Je '66.

Effect of contamination on the operation of a waste-heat boiler in back of an oxygen converter. IA, N. Rudnik and others. Prom. energ. 21 no. 6: 13-18 Je '66.

Melting and superheating iron in a gas shaft furnace. S.E. Bark and others. Lit. prozv. no. 5: 22-25 My '66.

Method for continuous smelting of normal electroconundum in large furnaces. F.I. Gorin. Prom. energ. 21 no. 6: 7-8 Je '66.

Superheating of cast iron in gas-fired melting furnaces. IU, V. Chaplygin, A.E. Erinov. Lit. prozv. no. 5: 40-41 My '66.

SMELTING FURNACES--EQUIPMENT AND SUPPLIES

Interaction between a liquid heat resistant nickel alloy and the lining of a smelting furnace. A.A. Fedina and others. Stal' 26 no. 6: 510-522 Je '66.

SMOKELESS GUNPOWDER see Gunpowder, Smokeless

SMOLENSK--WORLD WAR, 1939-1945--CAMPAIGNS

They withstood the fire. Voen. znan. 42 no. 8: 10-11 Ag '66.

SMOLENSK PRINCIPALITY--HISTORY--SOURCES

The ancient manuscripts of Smolensk. V.A. Kuchkin. Ist. SSSR 10 no. 3: 103-114 My-Je '66.

SMOLENSK PROVINCE--CATALOGING OF ARCHIVAL MATERIAL

Cataloging archival materials. T.P. Idrachovich. Sov. arkh. no. 3: 84-86 '66.

SMOLENSK PROVINCE--HUMUS

Characteristics of the humus of brown forest soils in southwestern Smolensk Province. G.I. Glabova. Vest. Mosk. un. Ser. 6: Biol., pochv. 21 no. 2: 105-115 Mr-Ap '66.

SMOLENSK PROVINCE--SOILS--IRON CONTENT

Accumulation of iron group elements in floodplain soils. V.D. Vasil'evskaya, L.A. Grishina. Nauch. dokl. vyzn. shkoly; biol. nauki 9 no. 3: 200-204 '66.

SNAKES

(see also subdivision under Georgia)

Blomberg, Rolf. [Giant snakes and monstrous Pholidota. Translated from the Swedish] Zmei-giganty i strashnye lashchery. Moskva, Znaniye, 1966. 62 p. (Novoe v zhizni, nauke, tekhnike. XIII Seriya: Nauka o zemle, no. 5)

SNOW see subdivision under Ural Mountains

SNOW--TEMPERATURE see subdivision under Franz Josef Land; Novaya Zemlya

SOAKING PITS--DESIGN AND CONSTRUCTION

Adopting new soaking pits with a top burner. N.M. Sakharova and others. Stal' 26 no. 6: 553-556 Je '66.

Operation of soaking pits with a single top burner. N.S. Galatov and others. Stal' 26 no. 6: 557-560 Je '66.

SOAPBERRY

Phytochemical study of the soapberry Sapindus mukorossi Gaertn.). Report No. 5: Study of the leaves of soapberry. N.I. Zytkova. Farmatsev. zhur. 21 no. 3: 51-53 '66.

SOBOLEVSKII, PETR GRIGOR'EVICH, 1782-1841

Plotkin, S.IA. [Petr Grigor'evich Sobolevskii; the life and activity of an outstanding scientist of the 19th century] Petr Grigor'evich Sobolevskii; zhizn' i delatelnost' vydaushchegosi uchenogo XIX v. Moskva, Nauka, 1966. 125 p. (Nauchno-bibliograficheskaya seriya)

SOCCER

Poliakov, B.A. [Leather ball] Kozhannyi mlach. [Moskva] Molodaya gvardia, 1966. 126 p.

SOCHI--HISTORIC TREES

Memorial of friendship. P.I. Bazhanov. Sov. arkh. no. 3: 26-34 '66.

SOCIAL CHANGE

Great social objectives of the five-year plan. E. Strukov. Komm. Vooruzh. Sil 47 no. 13: 7-15 JI '66.

SOCIAL GROUP WORK see subdivision under Ekovina, Sverdlovsk Province

SOCIAL INSURANCE see Insurance, Social

SOCIAL INTERACTION

Production relations in socialist society. A.M. Erem'in. Vop. filos. 20 no. 7: 25-32 '66.

SOCIAL PARTICIPATION

Tel'nov, V.N. [Volunteer house committee] Obshchestvennyi domovyi komitet. [Moskva] Profilzdat, 1965. 62 p. (Biblioteka profsoyuznogo aktivista, no. 15(13))

SOCIAL PSYCHOLOGY

Discussion of the book "Problems of social psychology." V. Aseev, O. Zotova. Vop. psikh. 12 no. 3: 84-89 My-Je '66.

Formation of a scientific attitude towards social events in schoolchildren. G.E. Zaleskii. Vop. psikh. 12 no. 3: 131-141 My-Je '66.

From the history of the struggle for Marxist social psychology. S.A. Ratner. Vest. LGU 21 no. 11: 76-83 '66.

SOCIAL SCIENCE RESEARCH

(see also subdivision under Ukraine)

Historical science and sociological studies. A.M. Ustevskiy, H.M. Shevchuk. Ukr. ist. zhur. 10 no. 6: 27-36 Je '66.

SOCIAL SCIENCES

Concept of the theory of historical materialism. G.G. Karavaev. Vest. LGU 21 no. 11: 67-75 '66.

Distorted nature of the economic and political structure of American society in the theory of "mass society." U.S. Babrovskii. Vestn. AN BSSR, Ser. hram. nav. no. 2: 106-113 '66.

Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Socioeconomic and historical sciences; abstracts of reports, April 5-26, 1966] Sotsial'no-ekonomicheskie i istoricheskie nauki; tezisy dokladov 5-26 aprilia 1966 goda. Leningrad, 1966. 204 p. (XIX Gertsenovskie chteniya)

Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A.I. Gertsena. [Socioeconomic and historical sciences; abstracts of reports, December 1965] Sotsial'no-ekonomicheskie i istoricheskie nauki; tezisy dokladov, doklady 1965 g. Leningrad [1965] 164 p. (XVIII Gertsenovskie chteniya)

SOCIAL SCIENCES--CONGRESSES

Leningrad. Inzhenerno-stroitel'nyi institut. Nauchnaia konferentsiya, 22. [Social sciences. Russian and foreign languages; reports] Obshchestvennye nauki. Russkii i inostrannye yazyki; doklady. Leningrad, 1964. 66 p.

SOCIALISM

Kazakovich, R.A., and F.M. Suslova. [Mr. Pipes' (istories history; on R. Pipes' "Social democracy and the St. Petersburg labor movement, 1885-1897") Mister Pipes fa'sifitsiruet istoriiu; o knige R. Pipesa "Sotsial'demokratia i rabochee dvizhenie v S.-Peterburge, 1885-1897." [Leningrad] Lenizdat, 1966. 180 p.

Moskovich, V.M. [Social distribution of work under socialism] Obshchestvennoe razdelenie truda pri sotsializme. Moskva, Nauka, 1966. 125 p.

SOCIALISM AND NATIONALISM see Nationalism and socialism

SOCIALISM AND YOUTH

Korneshov, L.K. [On youthful honor, first love, and one hundred "whys." O chesti smolodu, pervoi lyubi i sta "pochemu." [Moskva, Molodaya gvardia, 1965. 172 p.
(NIP)

SOCIALIST COMPETITION

[Appeal of cultural workers of Moscow Province and the socialist pledges of cultural workers of Voronezh Province] Obrashchenie rabotnikov kul'tury Moskovskoi oblasti i sotsialisticheskie obiazatel'stva rabotnikov kul'tury Voronezhskoi oblasti. Moskva, Goskul'tprosvetizdat, 1957. 13 p.

Comparing results of farming. I. Raschikov. Part. zhizn' no. 17: 30-33 S '66.

The five-year plan is the concern of millions. Sov. potrebn. koop. 10 no. 6: 2-4 Je '66.

- SOCIALIST PARTIES**
(see also subdivision under Italy)
- Moscow, Akademiya obshchestvennykh nauk. [Against reformism, for unity of the workers' movement] Protiv reformizma, za edinstvo rabochego dvizheniya. Moskva, Mysl', 1966. 502 p.
- SOCIALIST PROPERTY**
Guardians of socialist property. V. Kushkovyi. Red. pravo 29 no. 2:22-23 F '66.
Popova, E. V. [Procuratorial supervision over the implementation of laws on the protection of socialist property] Prokurorskiy nadzor za ispolneniem zakonov ob okhrane sotsialisticheskoi sobstvennosti. Pod red. G. P. Toropova. Moskva, Iuridicheskaya literatura, 1966. 102 p.
- SOCIOLOGICAL JURISPRUDENCE—EXPERIMENTS**
Concept and scope of a pilot experiment in the field of government and law. V. V. Lazarev. Izv. vyz. ucheb. zav.; prav. 10 no. 1:17-23 '66.
- SOCIOLOGY** see subdivision under France
- SOCIOLOGY—RESEARCH** see subdivision under Ukraine
- SODA INDUSTRY—EQUIPMENT AND SUPPLIES**
Using protective coatings in the soda industry. A. I. Potomchenko, L. D. Volkova. Zashch. met. 2 no. 3:372-374 My-Je '66.
- SODIUM ACETATE**
Mechanism of the methane decomposition of sodium acetate. V. I. Lakerson, A. M. Rubinshtein. Izv. AN SSSR. Ser. khim. no. 7:1278-1281 '66.
- SODIUM BORATES**
Structure of glasses of the system $\text{Na}_2\text{O} - \text{B}_2\text{O}_3$ activated by rare earths. Europlum. I. V. Denisov, B. F. Dzhurinskii, V. A. Kizel'. Izv. AN SSSR. Neorg. mat. 2 no. 4:693-701 Ap '66.
- SODIUM FLUORIDE**
Composition and properties of products of reaction of SOCl_2 with NaF in aqueous solution. I. V. Tananaev, O. T. Golubev. Izv. AN SSSR. Neorg. mat. 2 no. 6:1087-1104 Je '66.
- SODIUM GERMANATES—SPECTRA**
Infrared absorption spectrum of sodium hydrogermanate $\text{Na}_2\text{O} \cdot \text{GeO}_2 \cdot 7\text{H}_2\text{O}$. G. F. Stavitskaya, I. A. Rysskin. Izv. AN SSSR. Neorg. mat. 2 no. 6:1080-1087 Je '66.
- SODIUM HYDRIDE**
Removing scale from metals with sodium hydride. L. N. Zolotareva, E. P. Iakubovskaya, Tekh. i org. protzv. 1:160-62 Ja-F '66.
- SODIUM IN THE BODY**
Changes in natriuresis in osmotic stimulation of the liver. E. A. Nikolenko, I. A. D. Finkinshtein. Fiziol. zhur. 50 no. 7:884-887 Ji '64.
- SODIUM NITRATE**
Effect of an explosion on a material. Dynamic compression of sodium nitrate. S. S. Batanov and others. Fiz. gor. i vzryva no. 1:100-104 '66.
- SODIUM TELLURATE**
Viscosity of glasses of the system $\text{TeO}_2 - \text{Na}_2\text{O}$. S. V. Nemilov, A. K. Iakhlid, L. S. Davidenko. Izv. AN SSSR. Neorg. mat. 2 no. 4:702-706 Ap '66.
- SOIL, MINERALS IN** see Minerals in soil
- SOIL, PODZOLIC** see Podzol
- SOIL ACIDITY—EFFECT ON PLANTS** see Plants, Effect of soil acidity on
- SOIL BINDING**
Growing trees and shrubs on the waste of dressing plants. I. A. Smirnov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:111-116 Ji '66.
- SOIL BIOLOGY**
Catalase activity of soils under rice. E. B. Volichko, L. A. Vorontsov. Pochvovedenie no. 8:56-61 Ag '66.
- SOIL CONDITIONERS**
Effect of polymers on the structure and fertility of soils. I. A. Krupenkov, N. I. Rogovskaya. Khim. v sel'khoz. 4 no. 6: 55-59 Je '66.
- SOIL CONSERVATION**
Kozlov, V. P. [How to control erosion of soils] Kak borot'sya s eroziyey pochv. Moskva, Znaniye, 1966. 16 p. (Novoe v zhizni, nauka, tekhnika. V Seriya: Sol'skoe khozinstvo, no. 10)
Strip cropping as a measure for controlling winter erosion of light soils in Atyubinsk Province. Sh. M. Chulturov, V. I. Mikhovskii. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:3-10 Ji '66.
- SOIL FAUNA**
Soil fauna in Chernozems of southern Moldavia. N. A. Prokhina. Mikrobiol. prots. v pochv. Mold. no. 2:82-101 '66.
- SOIL FERTILITY**
(see also subdivision under Moldavia; Penza Province)
Effect of continuous use of manure and mineral fertilizers on fertility of sandy loam turf-Podzolic soils. E. S. Karpova, L. I. Petrova. Pochvovedenie no. 8:68-75 Ag '66.
- SOIL FUNGI**
Some data on the dynamics of fungi-antagonists in the soil under cotton monoculture. Z. E. Dekker, E. S. Lebed'. Nauch. dokl. vyz. shkoly; biol. nauki 0 no. 3: 184-189 '66.
- SOIL INOCULATION**
Effect of nitrogen on forage yield in grey forest soil. N. V. Sergeeva. Mikrobiol. prots. v pochv. Mold. no. 2:62-65 '66.
Effectiveness of using nitrates for peas in soils of Moldavia. V. I. Sabelnikova, F. A. Terekhova. Mikrobiol. prots. v pochv. Mold. no. 2:48-56 '66.
Effectiveness of using nitrates for vetch, vetchling, and forage beans. N. V. Sergeeva. Mikrobiol. prots. v pochv. Mold. no. 2:57-61 '66.
- SOIL MECHANICS**
Komanitskii, N. I. [Effect of rock weakness zones and surfaces on the stability of slopes] Vliyanie zon i poverkhnostey slableniya v porodakh na ustoychivost' otkosov. Moskva, Nauka, 1966. 142 p.
- SOIL MICRO-ORGANISMS**
(see also subdivision under Sakhalin)
Effect of herbicides on soil microflora. V. G. Bobyshev, G. I. Lapchenkov. Khim. v sel'khoz. 4 no. 7:30-31 Ji '66.
Effect of micro-organisms on synthesis of humic substances in soil as related to use of nitrogen fertilizers along with straw and other plant residues. I. S. Zakharov, N. P. Taras. Mikrobiol. prots. v pochv. Mold. no. 2:12-22 '66.
Effect of the methods of irrigation on the microbiological processes in soils. V. T. Smilil, V. F. Tsyfir, I. P. Perepelak. Trudy UkrNIGMI no. 63:65-95 '66.
Microbiological characteristics of reclaimed soils of exhausted peat bogs. I. U. V. Zverkov. Pochvovedenie no. 8:39-45 Ag '66.
Micro-organisms and increase of soil fertility in Moldavia. I. S. Zakharov. Mikrobiol. prots. v pochv. Mold. no. 2:3-11 '66.
Micro-organisms and nitrogen nutrition of plants. I. V. Aleksandrova. Pochvovedenie no. 8:33-38 Ag '66.
- SOIL MOISTURE**
(see also subdivision under Chu Valley; Lena Valley; Tajikistan)
Effect of structure of arable horizon on hydrophysical properties of rich Chernozems and yield of farm crops. A. Sh. Ishom'yarov, S. N. Tatchinov. Pochvovedenie no. 8:96-105 Ag '66.
Mathematical analysis of results of determination of hydrophysical characteristics of soils in steppe part of Ukraine. V. V. Medvedev. Pochvovedenie no. 8:81-88 Ag '66.
- SOIL MOISTURE—EFFECT ON PLANTS** see Plants, Effect of soil moisture on
- SOIL PERCOLATION**
Infiltration properties of soils of some small lake basins in the northwestern part of the European territory of the U. S. S. R. G. V. Nazarov. Dokl. AN SSSR 188 no. 0: 1367-1369 Je '66.
Percolation of peat bog soils. E. T. Bazin. Pochvovedenie no. 8:105-109 Ag '66.
Soil percolation as related to turbidity of water. L. I. Rastorguev, E. S. Spiridonov. Pochvovedenie no. 8: 103-111 Ag '66.
- SOIL POLLUTION** see subdivision under Moldavia
- SOIL RESEARCH**
Determining arithmetic mean and its errors. E. A. Dmitriev. Nauch. dokl. vyz. shkoly; biol. nauki 0 no. 3: 218-224 '66.
- SOIL STABILIZATION**
Use of the waste products of the woodpulp and paper industry to strengthen earth regulating structures. I. A. Anushkin. Rech. transp. 25 no. 7:34-35 '66.
- SOIL STABILIZATION—EQUIPMENT AND SUPPLIES**
Stabilization of soil using MFV-K urea-formaldehyde-formal resin. V. V. Davydov. Shkhi. stroi. no. 7: 29-30 Ji '66.
- SOIL STRUCTURE**
(see also subdivision under Trans-Bi Altai)
Effect of structure of arable horizon on hydrophysical properties of rich Chernozems and yield of farm crops. A. Sh. Ishom'yarov, S. N. Tatchinov. Pochvovedenie no. 8:96-105 Ag '66.
Role of iron and organic substances in aggregation of soil clayey components. V. V. Kellerman, I. G. Tsiurupa. Pochvovedenie no. 8:88-98 Ag '66.
- SOIL TEMPERATURE** see subdivision under Sakhalin region
- SOILS**
(see also subdivision under Dzhungarian Altai; White Russia)
Arushkina, E. V. [Studying turf-Podzolic soils in field and laboratory; for identification purposes] Issledovanie drevno-podzolistykh pochv v polo i v laboratorii; v diagnosticheskikh tsentakh. [Moskva] Izd-vo Mosk. univ., 1966. 45 p.
- SOILS—ANALYSIS**
Continuous lines of mass soil analyses at regional agrochemical laboratories. A. N. Orlov, M. N. Tselikov. Khim. v sel'khoz. 4 no. 7:47-50 Ji '66.
Effect of various fertilizers on the agrochemical characteristics of soils in citrus fruit plantations. I. D. Gamkrelidze. Subtrop. kul't. no. 1:40-67 '66.
Expression of results of agrochemical analysis of soils. I. R. Il'in. Pochvovedenie no. 8:62-65 Ag '66.
The "VZOG" universal core lifter. D. Raslin. Rech. transp. 25 no. 7:37-38 '66.
- SOILS—BIBLIOGRAPHY** see Bibliography—Soils
- SOILS—CLASSIFICATION**
(see also subdivision under Bashkiria)
Principles of classification of world soils. M. A. Glazovskaya. Pochvovedenie no. 8:1-22 Ag '66.
- SOILS—DENSITY**
Mathematical analysis of results of determination of hydrophysical characteristics of soils in steppe part of Ukraine. V. V. Medvedev. Pochvovedenie no. 8:81-88 Ag '66.
- SOILS—IRON CONTENT**
(see also subdivision under Smolensk Province)
Role of iron and organic substances in aggregation of soil clayey components. V. V. Kellerman, I. G. Tsiurupa. Pochvovedenie no. 8:88-98 Ag '66.
- SOILS—MAPS**
Role of agrochemical cartograms and field experiments in the correct use of fertilizers. I. I. Korobleva, T. I. Ryndina. Khim. v sel'khoz. 4 no. 8:68-74 Ag '66.
- SOILS—MICROBIOLOGY**
Effect of growth promoting substances of petroleum origin on microflora and nutrient conditions of soil. E. A. Belov. Mikrobiol. prots. v pochv. Mold. no. 2:72-75 '66.
Effect of some chemical compounds on processes of ammonification and nitrification in soil. R. M. Chernobrovina. Mikrobiol. prots. v pochv. Mold. no. 2:68-71 '66.
- SOILS—NITROGEN CONTENT**
Selecting the method for determining the available nitrogen content of soils. A. S. Rastorinov. Khim. v sel'khoz. 4 no. 6: 50-51 Je '66.
- SOILS—PHOSPHORUS CONTENT**
Effect of systematic use of fertilizers in crop rotation on phosphate conditions of soils, effectiveness of phosphorus fertilizers and yield of winter wheat. M. V. Bilyk. Khim. v sel'khoz. 4 no. 7:2-8 Ji '66.
Phosphate balance of southern Chernozems and dark chestnut soils in the Ukraine under irrigation. V. D. Kisil', G. M. Krivosheva. Trudy UkrNIGMI no. 63: 72-84 '66.
Resources of mobile phosphorus compounds in soils of tea plantations and methods for their determination. G. I. Goletskii, N. N. Kelondzhidze. Khim. v sel'khoz. 4 no. 8:92-96.
- SOILS—TRACE ELEMENT CONTENT**
Akademiya nauk USSR, Kiev. [Trace elements in agriculture and medicine] Mikroelementy v sel'skom khozinstve i meditsine. Kiev, Naukova dumka, 1966. 230 p. (Respublikanskiy mezhdunarodnyy sbornik)
- SOILS, RADIOACTIVE SUBSTANCES IN**
(see also subdivision under Volga Valley)
Voslozhenie obshchestvo pochvovedov. [Soil radioactivity and methods for its determination] Radioaktivnost' pochv i metody ee opredeleniya. Moskva, Nauka, 1966. 268 p.
- SOILS, SALTS IN**
(see also subdivision under Chu Valley)
Some data on the indication of the salinization of upper soil horizon based on vegetation. E. L. Nudimovskii. Vest. Mosk. univ. Ser. 6: Biol., poch. 21 no. 2:72-84 Mr-Ap '66.
- SOLAR RADIATION**
Gurevich, V. Z. [Hot light] Teplyi svet. Moskva, Nauka, 1966. 115 p. (Nauchno-popul'naya seriya)
Normal annual oscillations of atmospheric circulation and their relation to solar activity. V. F. Loginov. Vest. LGU 21 no. 12:115-118 '66.
Variation of outgoing radiation in the carbon dioxide 15 μ absorption band. I. A. Gorchakova, M. S. Malkovich. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 6:595-594 Je '66.

SOLENOIDS

Internal magnetic flux in a superconducting solenoid. V.V. Sychev, V.B. Zerkov, V.V. Andrianov. Dokl. AN SSSR 169 no.3:569-572 J1 '66.

Superconducting ternary-alloy solenoid for magnetic fields of over 75 kOer. V.V. Andrianov. Dokl. AN SSSR 169 no.2:316-319 J1 '66.

SOLID FILM

Nature of the effect of anomalously high photovoltages in semiconductor films. E.I. Adirovich, V.M. Rubins. I.M. Ilyabov. Dokl. AN SSSR 168 no.5:1037-1040 Je '66.

SOLID GEOMETRY see Geometry, Solid

SOLID SOLUTIONS see Solutions, Solid

SOLID STATE PHYSICS

Quadrupole relaxation in a multilevel system. V.S. Grechishkin, A.D. Gordeev, N.E. Ainbinder. Izv. vys. ucheb. zav., radiofiz. 9 no.3:507-512 '66.

SOLIDIFICATION

Zonal segregation in shaped castings. I.B. Kumanin, L.G. Matvienko. Izv. vys. ucheb. zav.; Chern. met. 9 no.7:170-174 '66.

SOLIDS-CONGRESSES

All-Union Conference on Chemical Reactions in Solids. V.I. Evdokimov. Izv. AN SSSR, Neorg. mat. 2 no.4: 781-782 Ap '66.

SOLUBILITY

Mutual solubility in the system $UO_2(NO_3)_2-(C_2H_5)_2O-D_2O$ in the demixing region at 25° C. V.M. Vdovenko, E.K. Legin. Radiokhimiya 9 no.3: 317-323 '66.

Rate of dissolution of oxides in liquid silicates. V.G. Kovalenko, I.U. P. Nikitin, V.I. Krjuk. Izv. AN SSSR, Neorg. mat. 2 no.6:1151-1153 Je '66.

Solubilization of resins in aqueous solutions of some surface-active agents. V.A. Volkov, S.L. Talmud. Koll. zhur. 28 no.3:343-349 My-Je '66.

SOLUTION (CHEMISTRY)

Quantitative determination of the content of technical chlorophylls in aqueous solutions. I.A. Abegauz and others. Zhur. mikrobiol., epid. i imm. 43 no.7:29-31 J1 '66.

SOLUTIONS, SOLID

Calculation of solidus curves in the binary systems germanium-silicon, and Al-Bi - metal cross sections. G.M. Kuznetsov, S.K. Kuznetsova. Izv. AN SSSR, Neorg. mat. 2 no.4:643-649 Ap '66.

Criteria for the formation of solid solution of semiconducting compounds with sphalerite structure. E.N. Khabarov. Izv. AN SSSR, Neorg. mat. 2 no.8:1141-1143 Je '66.

Preparation and study of some physical properties of solid solutions in the system Ga - Sb - Te. A.A. Abdurakhmanova, M.I. Aliev. Izv. AN SSSR, Neorg. mat. 2 no.4:667-669 Ap '66.

Solid solutions in the system $2CaO \cdot SiO_2 - K_2O \cdot CaO \cdot SiO_2$. N.F. Fedorov, E.R. Brodskina. Izv. AN SSSR, Neorg. mat. 2 no.4:745-748 Ap '66.

SOLVENTS

Mechanism of mercury extraction with oxygen-containing organic solvents. I.N. Plaksin, Z.A. Anisimova. Dokl. AN SSSR 168 no.6:1331-1334 Je '66.

SONAR

River echo-trawl. V. Leonov, A.I. Kovalev. Rech. trasp. 25 no.7:45-46 '66.

SORGHUM

Herbicides for controlling weeds in sorgho fields. G.I.A. Lapchenkov. Zemledelie 28 no.5:54-55 My '66.

SORPTION

Dynamics of vapor sorption on a charge of variable cross-section. O.M. Todes, I.U. S. Legin. Dokl. AN SSSR 169 no.3:633-635 J1 '66.

SORTING DEVICES

Automatic sheet-sorting devices for a combined cutting unit. M.G. Kogon, M.E. Paryls, K.L. Svidler. Mekh. i avtom. prozv. 20 no.7:73-6 '66.

SOUND—PHYSIOLOGICAL EFFECT

Dependence of thresholds of primary responses of cortical projection zone and corpus geniculatum medialis on signal meaning of acoustic stimulus. G.L. Vanetsian, U.G. Gasanov. Zhur. vys. nerv. deiat. 16 no.4:610-624 J1-Ag '66.

Differences in extinction of activation reactions to indifferent sounds in young and old rabbits. I.U. G. Kratin. Zhur. vys. nerv. deiat. 16 no.2:684-688 J1-Ag '66.

Primary cortical potentials in cats evoked by acoustic stimuli and their changes in hypoxia. E.V. Bondarev. Fiziol. zhur. 50 no.7:778-783 J1 '64.

Role of temporal parts of cerebral cortex in manifestation of acoustic signals of different duration. A.V. Baru, Zhur. vys. nerv. deiat. 16 no.4:655-666 J1-Ag '66.

SOUND WAVES—PHYSIOLOGICAL EFFECT

Motor responses of the Azov-Black Sea herring to acoustic vibrations. N.V. Lebedev and others. Nauch. dokl. vys. shkoly, biol. nauki 9 no.3:110-119 '66.

SOUND WAVES—SPEED

Oscillations in the attenuation and velocity of sound waves in semiconductors and metals in the presence of a strong magnetic field. V.I. Pustovoi, I.A. Poluektov. Zhur. eksp. i teor. fiz. 50 no.5:1265-1278 My '66.

SOUPS, CANNED

Nazarova, A.I. [Production of canned soups] Prolivodstvo konservirovannykh pervykh obednykh blud. Moskva, Pishchevaia promyshlennost', 1966. 169 p.

SOUTH AFRICA, REPUBLIC OF—POLITICS AND GOVERNMENT

The South-African Republic: the problems of African nationalism. V.P. Gorodnov. Nar. Az. i Afr. no.4: 27-37 '66.

Verwoerd's legacy in South Africa. A. Davidson. Nov. vrem. 24 no.38:18-19 S '66.

SOUTH CHINA SEA—SEAWATER—COMPOSITION

Strontium-90 in the waters of the Pacific Ocean. Report No. 4: Surface water of the South China Sea, 1962. N.I. Popov, V.M. Orlov, V.F. Dabizha. Trudy Inst. okean. 82:16-19 '66.

SOUTH KAZAKHSTAN PROVINCE see Chirchik Prov- ince

SOUTHERN RHODESIA see Rhodesia

SOVIET CENTRAL ASIA

Origin of loess in Central Asia. A.G. Cherniakhovskii. Biol. Koss. chetv. per. no.3:21-31 '66.

SOVIET CENTRAL ASIA—APPLE—DISEASES AND PESTS

Increase the effectiveness of controlling measures. V. Paschenko, B. Romanovich, E. Shteinkova. Zashch. rast. 11 no.7:10 '66.

SOVIET CENTRAL ASIA—EPHEDRA

Biological and ecological characteristics of Ephedra equisetina. I.A. Gubanov, G.S. Sinitayn. Trudy Inst. bot. AN Kazakh. SSR 22:21-32 '66.

Distribution, resources, and organization of the procurement of Ephedra equisetina stock in the U.S.S.R. I.A. Gubanov, G.S. Sinitayn. Trudy Inst. bot. AN Kazakh. SSR 22:3-20 '66.

SOVIET CENTRAL ASIA—EXCAVATIONS (ARCHAEOLOGY)

Mandel'shtam, A.M. [Nomads on the road to India] Kochevniki na puti v Indiu. Moskva, Nauka, Vol. 5. 1966. 230 p. (Materialy i issledovaniya po arkheologii SSSR, no.136)

SOVIET CENTRAL ASIA—FIELD CROPS—DISEASES AND PESTS

Sprout fly as a pest of sprouts. M. Skripnikova. Zashch. rast. 11 no.7:30 '66.

SOVIET CENTRAL ASIA—GAS, NATURAL—ANALYSIS

Narzhina, V.E. [Geochemistry of natural gases of Central Asia; western Uzbekistan, Tajikistan, southern part of Kirghizia, and eastern Turkmenia fields] Geokhimiya prirodnykh gazov Srednei Azii; mestorozhdenii Zapadnogo Uzbekistana. Tadzhikistana, juga Kirgizii i Vostochnoi Turkmenii. Leningrad, Nedra, 1965. 267 p. fold. charts.

SOVIET CENTRAL ASIA—INTELLECTUAL LIFE

Valiev, A.K. [Formation and development of a Soviet national intelligentsia in Central Asia] Formirovaniye i razvitiye sovetakoi natsional'noi intelligentsii v Srednei Azii. Tashkent, Izd-vo "Fan" UzSSR, 1966. 157 p.

SOVIET CENTRAL ASIA—PROFESSIONS

Valiev, A.K. [Formation and development of a Soviet national intelligentsia in Central Asia] Formirovaniye i razvitiye sovetakoi natsional'noi intelligentsii v Srednei Azii. Tashkent, Izd-vo "Fan" UzSSR, 1966. 157 p.

SOVIET CENTRAL ASIA—REVOLUTION, 1917-1921

Discussing the problems of the history of the October Revolution in Central Asia and Kazakhstan. P.V. Agapov. Ist. SSSR 10 no.3:217-219 My-Je '66.

SOVIET CENTRAL ASIA—WOODY PLANTS

Nikitin, S.A. [Tree and shrub vegetation in the deserts of the U.S.S.R.] Drevosnaga i kustarnikovaya rastitel'nost' pustyai SSSR. Moskva, Nauka, 1966. 263 p.

SOVIET FAR EAST—FAULTS (GEOLOGY)

Exposing recent fault zones by help of interpretation of aerial photographs. M.A. Akhmetev. Sbor. st. po geol. i gidrogeol. no.5:156-160 '66.

SOVIET FAR EAST—QUARTZ

Manifestation of piezoquartz in the sky and high-temperature ore veins of the Far East. I. S. Puzosova. Trudy VNIIP [MS] 2 no.1:77-80 '66.

SOVIET FAR EAST—REVOLUTION, 1917-1921

The Bureau of the Central Committee of the Russian Communist Party (Bolshevik) in the Far East during the civil war, 1920-1921. A.P. Shurygin. Vopr. Ist. KPSS 10 no.8:65-62 Ag '66.

SOVIET FAR EAST—WATER, UNDERGROUND

Akademiya nauk SSSR. Sibirskoe otdeleniye. Institut zemel'noy kory. [Methodology of hydrogeological studies and the resources of underground water in Siberia and the Far East] Metodika gidrogeologicheskikh issledovaniy i resursy podzemnykh vod Sibiri i Dal'nego Vostoka. Moskva, Nauka, 1966. 358 p.

Some considerations on reserves of underground water in northern part of Soviet Far East. A. D. Kozlovskiy. Sbor. st. po geol. i gidrogeol. no.5:121-127 '66.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Czechoslovakia; Estonia; Khmelovskaya, Ukraine; Lithuania; Lvov Province; Rostov Province; White Russia)

The act of administrative initiative and the drafting of a bill of a corresponding enactment as the stages of lawmaking activity of municipal soviets and their executive committees. B.V. Dredolov. Izv. vys. ucheb. zav.; prav. 10 no.1:13-16 '66.

Authority of administrative organs in the field of social and cultural development. V.I. Shabatkov. Sov. gos. i prav. 36 no.3:13-20 Ag '66.

Cherkashin, I.M. [Standing committees of the local soviets] Pustolamnye komitety mestnykh Sovetov. Moskva, Iuridicheskaya literatura, 1966. 87 p.

Cooperation between the soviets of workers' deputies and administrative agencies. O. Karpov. Sov. gos. i prav. 20 no.2:10-22 P '66.

Issuance of regulatory enactments by municipal soviets and their executive committees. B.V. Dredolov. Vopr. Ist. 21 no.1:117-122 '66.

Legal problems in the management of industry by the local soviets of workers' deputies. R. S. Pavlovskiy. Izv. vys. ucheb. zav.; prav. 10 no.1:24-32 '66.

Shchegolev, B.V. [Power of the people] Vlast' naroda. Moskva, Znanie, 1966. 70 p. (Narodnyi universitet; Fakul'tet pravovykh nauk, no.4)

Strict observance of laws in the decisions of local soviets. V. Polunov. Sov. gos. i prav. 20 no.2:18-19 P '66.

Vishniakov, S.A., and R.A. Kudrinskoy. [Preparation and implementation of the rural budget; a practical guide for workers of rural soviets and financial organs] Sostavleniye i ispolneniye sel'skogo budzhetn. prakticheskoe posobie dlia rabotnikov sel'skikh Sovetov i finansovykh organov. Moskva, Finmoy, 1966. 125 p.

SOVIETS—FINANCE see subdivision under Communities (Lugansk Province)

SOYBEAN

Use of nodule bacteria of soybean in grey forest soil. V.I. Babushnikova, V.A. Terelkhova. Mikrobiologiya v pochy. Mold. no.2:42-47 '66.

SPACE AND TIME

Aeklin, I.A. [Problem of time; its philosophical interpretation] Problema vremeni; ee filosofskoe istochnikov. Moskva, Mysl', 1966. 199 p.

Mostopanenko, A.M., and M.V. Mostopanenko. [Four-dimensional space and time] Chetyrehmernost' prostranstva i vremeni. Moskva, Nauka, 1966. 189 p.

SPACE BIOLOGY

Akademiya nauk SSSR. [Space biology and medicine; medical and biological problems of space flight] Kosmicheskaya biologiya i meditsina; mediko-biologicheskie problemy kosmicheskikh poletov. Pod red. V.I. Lazdovskogo. Moskva, Nauka, 1966. 461 p.

Nature of alkali producers of the intestinal group of bacteria. K.D. Rybakova. Biol. eksp. biol. i med. 61 no.4:100-109 Ap '66.

SPACE FLIGHT

Beyond the atmosphere. D.E. Tsiolkovskiy. Av. i kosm. no.8:82-85 Ag '66.

Earth from orbit. P. Popovich. Av. i kosm. no.8:24-31 Ag '66.

[Space research] Itot. zhur. 1966. kosm. prostr. no.7 J1 '66.

SPACE FLIGHT—PHYSIOLOGICAL EFFECT

Study of the effect of cosmic radiation and other factors of space flight on lysogenic bacteria and human cells in culture. N.N. Zhukov, V. Verzhnikov and others. Izv. AN SSSR, Ser. biol. 31 no.4:592-593 J1-Ag '66.

SPACE LAW

Space law as an urgent problem. I.U. Kolosov. Nov. vrem. 24 no.35:3-5 Ag '66.

SPACE MEDICINE

Academia nauk SSSR. [Space biology and medicine; medical and biological problems of space flights] Kosmicheskaya biologiya i meditsina; mediko-biologicheskoe problemy kosmicheskikh poletov. Pod red. V.I. Izdovskogo. Moskva, Nauka, 1966. 461 p.

SPACE PERCEPTION

Acoustic alliesthesia. L. N. Pines. Zhur. nevtr. i psikh. 56 no. 8:1141-1145 '66.

SPACE VEHICLES

Selection of optimum parameters for automotive system of bounded power with energy storage. B.N. Kiforenko. Mekh. i ver. tela no. 9:53-58 My-Je '66.

SPACES, GENERALIZED

A criterion of the correctness of uniform space. A.G. Mordkovich. Dokl. AN SSSR 169 no. 2:276-279 JI '66. Rigidity of surfaces of positive external curvature with an edge in Riemann space. V.T. Fomenko. Sib. mat. zhur. 7 no. 4:960-962 JI-Ag '66.

SPAIN—CIVIL WAR, 1936-1939

Memory and hope. Eusebio Cimorra. Nov. vrem. 24 no. 37:19-21 S '66.

SPAIN—ECONOMIC DEVELOPMENT

Spain: Tendencies of economic development. J. Vicens. Mir, ekon. i mezhdunar. otn. no. 7:46-49 '66.

SPAIN—POLITICS AND GOVERNMENT

There are more antifascist fighters and their ranks are growing stronger. Enrique Lister. Part. zhizn' no. 17: 68-71 S '66.

SPANISH BROOM

Chromatographic study of alkaloids in Genista tinctoria L. and Spartium junceum L. A.D. Danukha, E.K. Denisova. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 178-179 '66.

SPANISH AMERICA see Latin America

SPARK-EROSION MACHINERY see Electric metal cutting

SPARROWS

Harmfulness and usefulness of sparrows. Z. Golovanova. Zashch. rast. 11 no. 7:42-43 '66.

SPASMOLYTICS see Antispasmodics

SPECTROMETER

Focusing properties of the field of a cylindrical capacitor. A.S. Shapovalov, I.G. Kozlov. Izv. vuz. ucheb. zav. radiofiz. 9 no. 4:838-840 '66.

SPECTROMETRY

Spectrophotometric and photocolormetric determination of corticosteroids. L.I. Kovalenko. Farmats. zhur. 20[1, e. 21] no. 4:48-52 '66.

Use of physicochemical methods for the analysis of purine derivatives in preparations and medicinal mixtures. Report No. 1: Spectrophotometric method of the analysis of purine derivatives. L.O. Kyrychenko. Farmats. zhur. 20[1, e. 21] no. 4:43-47 '66.

SPECTROPHOTOMETER

Experimental determination of the quantum yield constant at an energy of 650 Mev. I.U. M. Aleksandrov and others. Izd. fiz. 3 no. 6:1076-1079 Je '66.

SPECTROPHOTOMETRY

Chromotropic complexes of titanium in dimethylformamide. N.V. Chernaya, S.I. Shneiderman. Zhur. ob. khim. 36 no. 7:1163-1170 JI '66.

Spectrophotometric determination of aminopyrimidine derivatives. L.I. Rapoport, H.V. Borzina. Farmats. zhur. 21 no. 3:24-31 '66.

Spectrophotometric determination of pyrimidine derivatives. L.I. Rapoport, H.V. Borzina. Farmats. zhur. 20[1, e. 21] no. 4:30-36 '66.

SPECTRUM, INFRARED

Absorption anisotropy of ammonium dihydrogenphosphate in the infrared. I.A. I. Ryskin, N.A. Mitropol'skiy. Izv. AN SSSR, Neorg. mat. 2 no. 6:1072-1073 Je '66.

Infrared spectroscopy of hardening of epoxy compounds. I.M. Gurman, G.I. Zaikind, M.S. Akutin. Plast. massy no. 8:69-70 '66.

Plaksin, I.N., and V.I. Solov'yev. [Infrared spectroscopy of the surface layers of reagents on minerals] Infrazhnyaya spektroskopiya povorkhnostnykh sloev reagentov na mineralakh. Moskva, Nauka, 1966. 193 p.

Study of some reactions of natural serpentine (chrysotile) and active silicon by means of infrared spectroscopy. A.M. Shevchuk, M.I. Bulatov, V.B. Aleksovskiy. Izv. AN SSSR, Neorg. mat. 2 no. 6:1088-1092 Je '66.

Temperature characteristics of conformational transitions in polyvinyl chloride studied by means of infrared spectroscopy. I.U. V. Glazkovskiy and others. Vysokom. soed. 8 no. 8:1472-1477 Ag '66.

SPECTRUM ANALYSIS

Study of the structure of copolymer of tetrafluoroethylene and vinylidene fluoride by spectroscopic methods. N.I. Makarevich. Vysokom. soed. 8 no. 8:1428-1433 Ag '66.

SPEECH

Some data on the polygraphic study of speech process under normal conditions and in stammering. V.M. Vasil'eva. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 96-102 '66.

SPERMATOGENESIS

Effect of soft X-ray irradiation on spermatogenic epithelium in mice. K.K. Surikova. Dokl. AN SSSR 169 no. 3:685-687 JI '66.

SPERMATOZOEA

Seasonal changes in the thermostability of spermatozoa in Rana temporaria. G.M. Vainman. TSitologiya 6 no. 3:398-401 My-Je '66.

SPINAL CORD

Participation of the spinal cord in the lumen regulation of the thoracic duct. I.A. Potapov. Izv. AN Kazakh. SSR, Ser. biol. 4 no. 3:82-85 My-Je '66.

Spinal cord and intervertebral ganglia in rabbits. O.N. Razoznaeva. Vest. sel'skhoz. nauki [Kazakh.] 9 no. 7: 44-48 JI '66.

SPINAL CORD—DISEASES

Characteristics of the preparation for prostheses following lesions and diseases of the spinal cord. L.A. Kostyleva. Ortop., travm. i protez. 27 no. 7:3-8 JI '66.

SPINAL CORD—SURGERY

Postoperative potentiation of spinal reflexes following total transection of the spinal cord. E.A. Khudolun, Biol. zhur. Arm. 10 no. 5:773-81 Je '66.

SPINAL NERVES see Nerves, Spinal

SPINE—ABNORMALITIES AND DEFORMITIES

Device used to determine the position of the shoulder-girdle, the pelvis, and the degree of torsional changes in scoliosis. A.F. Kapustin. Ortop., travm. i protez. 27 no. 5:70-71 My '66.

SPINE—TUMORS

Outcald-osteomas of the spine. D.K. Nukushidze, G.K. Alborov. Ortop., travm. i protez. 27 no. 7:57-59 JI '66.

SPINE—WOUNDS AND INJURIES

Forensic medical characteristics of spinal lesions. S.T. Dzhigora, B.S. Kobakov. Sud.-med. eksp. 9 no. 3: 7-12 JI-S '66.

SPINEL GROUP

Microhardness of microcrystalline glass materials as dependent on the morphology of crystalline phases of the system spinel - silica. N.A. Toropov, N.A. Strazhdinskiy. Izv. AN SSSR, Neorg. mat. 2 no. 4:738-740 Ap '66.

SPINNING see Subdivision under Leningrad

SPINOR ANALYSIS

A continuous medium with spinor and vector characteristics. A.N. Golubinskiy. Dokl. AN SSSR 169 no. 2:289-302 JI '66.

Interaction between a spinor field and a gravitational field. V.S. Brozhnev, K.P. Stanukovich. Dokl. AN SSSR 168 no. 5:1027-1029 Je '66.

Representation of spinors in n-dimensional space by systems of tensors. V.A. Zheleznov. Dokl. AN SSSR 169 no. 2:255-258 JI '66.

SPLANCHNIC NERVES see Nerves, Splanchnic

SPLEEN—RUPTURE

X-ray diagnosis of subcutaneous ruptures of the spleen. V.N. Evdokimov. Sov. med. 20 no. 5:108-111 My '66.

SPONDYLOTHERAPY

Open reduction and posterior spondylectomy in fracture and dislocation of the 6th cervical vertebra. A.A. Lutsik. Ortop., travm. i protez. 27 no. 7:73 JI '66.

SPORTS—PHYSIOLOGICAL ASPECTS

Mikhailov, V.Y. [Sports and respiration] Sport i dykhanie. Izd. 2. Moskva, Fizkul'tura i sport, 1966. 39 p. (Biblioteka sportmena)

SPORTS MEDICINE

Connection of functional motility of nervous system in athletes with their occupational activity. G.V. Popov, L.N. Kurkchi. Zhur. vuz. nerv. delat. 18 no. 4:556-562 JI-Ag '66.

Effect of athletic activity on the functional motility of the human nervous system. A.I. Kalichenko, M.F. Kurkchi, L.M. Kurkchi. Fiziol. zhur. [Ukr.] 12 no. 4:441-445 JI-Ag '66.

Krakhko, I.A., ed. [Physical culture and the health of children and adolescents] Fizicheskaya kul'tura i zdorov'e detei i podrostkov. Moskva, Meditsina, 1966. 367 p.

(DNLM)

Metabolism in systematic athletic training. O.D. Zhovnovata. Fiziol. zhur. [Ukr.] 12 no. 4:534-536 JI-Ag '66.

SPRAY PAINTING, ELECTROSTATIC

Electrostatic installation for varnishing chairs. V.I. Kucheruk, M.I. Taranchuk, M.D. Ishin. Ids., imp. i der. prom. no. 3: 19-21 My-Je '66.

SPRAYING AND DUSTING EQUIPMENT

Mechanized application of herbicides. I.N. Veletskiy. Zemledelie 28 no. 5:47-50 My '66.

OTN-4-8 sprayer in irrigated vegetable gardening. I. Skvortsov. Tekh. v sel'skhoz. 25 no. 6:17-20 Je '66.

What a modern aerosol generator should be. Zh. Sudit, M. Shterental. Zashch. rast. 11 no. 7:23-25 '66.

SPRAYING AND DUSTING IN AGRICULTURE

The topic is the treatment of crops. A. Milakhi. Voen. znan. 42 no. 7:22-23 JI '66.

SPRINKLERS

Automation of water supply to the DDA-100M unit. M. Salnikov. Tekh. v sel'skhoz. 28 no. 6:20-22 Je '66.

SPRUCE

Studying photosynthesis in spruce forests of various density. V.I. Kravchenko. Izv. vuz. ucheb. zav.; les. zhur. 9 no. 3:169-170 '66.

SPUTNIKS see Artificial satellites

STABILITY OF AIRPLANES

Estimated effect of discrete control signals on side slip of airplane at landing in case correction is applied. A.S. Shinn. Vest. LGU 21 no. 13:83-90 '66.

STABILITY OF MOTION, THEORY OF

Conditional stability in the critical case for a double zero root. V.I. Zhukovskiy. Izv. vuz. ucheb. zav.; mat. no. 4:53-57 '66.

Side stability of two-wheel carriage at turn. V.K. Poldin. Vest. LGU 21 no. 13:64-76 '66.

Some problems concerning stability of solid body with liquid filler. S.V. Cherenmykh. Mekh. i ver. tela. no. 3:33-36 My-Je '66.

Stability of linear systems with a delay. V.V. Kolmanovskiy, R.Z. Nosov. Izv. vuz. ucheb. zav.; mat. no. 4:58-65 '66.

Zubov, V.I. [Theory of optimum control of ships and other mobile objects] Teoriya optimal'nogo upravleniya sudnom i drugimi podviznymi ob'ektami. Leningrad, Sudostroenie, 1966. 351 p.

STAINLESS STEEL see Steel, Stainless

STALINABAD see Dushanbe

STALINORAD see Volgograd

STALINGRAD, BATTLE OF, 1942-1943

Suzhara, A.P. [Heroic feat of the thirty three] Podvig tridtsati trekh. Vladivostok, Dal'nevostochnoe knizhno izd-vo, 1964. 47 p. (CSI-II)

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

STALINGRAD PROVINCE see Volgograd Province

STALINO see Donetsk

STALINGRAD PROVINCE see Donetsk Province

STAMMERING

Some data on the polygraphic study of speech process under normal conditions and in stammering. V.M. Vasil'eva. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 96-102 '66.

STANDARDIZATION

(see also Subdivision under Leningrad Province)

Continuation of discussion. V. Chumakov. Stand. i kach. 30 no. 3:75-76 Mr '66.

First Voronezh conference. Stand. i kach. 30 no. 3:72 Mr '66.

Five years of high quality. Stand. i kach. 30 no. 3:1-2 Mr '66.

Important problem. S.V. Krotter. Stand. i kach. 30 no. 3:73-75 Mr '66.

In Committee of Standards, Measures and Measuring Instruments at Council of Ministers of U.S.S.R. Stand. i kach. 30 no. 3:71-72 Mr '66.

STANDARDIZATION (Continued)

- In Committee of Standards. Stand. I kach. 30 no. 3: IV
1966.
- Indices of unification. L. N. Khazin, M. A. Vinnik. Stand.
I kach. 30 no. 3: 34-36 Mr '66.
- Quality of standards. A. A. Kofner. Stand. I kach. 30
no. 3: 88-89 Mr '66.
- Rodacheln, A. A., and I. S. Sudarevskii. [Standards and
production quality] Standart i kachestvo produktov.
Leningrad, Ob-vo "Znanie" RSFSR, 1966. 33 p.

STANDARDIZATION—INFORMATION SERVICES

- Information should be in same hands. V. A. Steshov.
Stand. I kach. 30 no. 3: 84 Mr '66.

STANDARDS, ENGINEERING

- [Information index of standards] Inform. ukaz. stand.
27 no. 6 '66

- Using standards in appealing against blocking patents.
V. M. Feigel'son. Vop. izobr. no. 5: 11-15 My '66.

STANISLAV PROVINCE see Ivano-Frankovsk Province

STAPHYLOCOCCAL DISEASE

- Carriage of pathogenic Staphylococci among workers of
the Rozdol Mining, Ore Dressing and Chemical Process-
ing Combine. R. G. Patti. Zhur. mikrobiol., epid.
i immun. 43 no. 8: 148 Ag '66.

- Staphylococcal pneumonias in children. S. L. Libov
and others. Sov. med. 29 no. 5: 117-121 My '66.

STAPHYLOCOCCUS

- (see also subdivision under Gorkiy)

- Distribution of the carrier state of pathogenic staphylo-
coccus in surgical clinics and outside of hospitals.
V. M. Svetovidova. Zhur. mikrobiol., epid. i immun.
43 no. 7: 140 Ji '66.

- Effect of supraoptimal temperature on the dissociation
of some types of micro-organisms. I. U. V. Kultaish.
Biul. eksp. biol. i med. 52 no. 7: 78-81 Ji '66.

- Mixed food intoxication caused by pathogenic Staphylo-
coccus and Proteus. P. M. Grubovskii, G. O. Taras'yan,
I. U. M. Kharina. Zhur. mikrobiol., epid. i immun. 43
no. 8: 95-99 Ag '66.

- Phage types of pathogenic staphylococci isolated from
workers of some food enterprises in Karaganda and
Balkhash. Z. A. Lobova. Zhur. mikrobiol., epid. i
immun. 43 no. 7: 139 Ji '66.

- Relationship between the phage types of pathogenic
staphylococci and the lytic spectra of endogenic phages
acting upon them and of induced phages; on the
problem of the so-called antiphage immunity. E. M.
Paderina. Zhur. mikrobiol., epid. i immun. 43 no. 7:
112-116 Ji '66.

STAPHYLOCOCCUS—TOXICOLOGY

- Effect of furazolidone on the toxicogenicity of pyogenic
staphylococci. S. I. Sherishorina, Z. M. Gusanova.
Zhur. mikrobiol., epid. i immun. 43 no. 7: 140-141
Ji '66.

STARS

- Agekian, T. A. [Stars, galaxies, metagalaxy] Zvezdy,
galaktiki, metagalaktika. Moskva, Nauka, 1966. 373 p.
- Kukarkin, B. V., and V. G. Aslankhova. [Life of the stars
and galaxies] Zhizn' zvezd i galaktik. Moskva, Znanie,
1966. 44 p. (Novoe v zhizni, nauke, tekhnika.
XII Seriya: Estestvoznaniye i religiya, no. 7)

STATE, THE

- Unworthy objective and unworthy means: I. A. Barion's
"Hegel and the Marxian theory of state." L. S. Mamut.
Izv. vyz. ucheb. zav.; prav. 10 no. 1: 148-151 '66.

STATE AND RELIGION see Religion and state

STATE FARMS

- (see also subdivision under Volgograd Province)

- Political departments of prewar state farms. I. E.
Zelenin. Vop. ist. KPSS 10 no. 8: 73-82 Ag '66.

STATE FARMS—ACCOUNTING

- (see also subdivision under Georgia)

- Business accounting on state farms and prices. L. Gru-
shetskii. Plan. khoz. 43 no. 8: 9-16 Ag '66.

STATE FARMS—FINANCE

- (see also subdivision under Kazakhstan; Omsk
Province)

- Methods of collecting for the budget underestimated re-
ceipts of state farm funds. L. Vasil'ova. Fin. SSSR
40 no. 7: 71-72 Ji '66.

STATES, NEW

- Moscow. Akademiya obshchestvennykh nauk. [National-
liberation struggle of the peoples at the present stage]
Natsional'-no-osvoboditel'naya bor'ba narodov na sovremennom etape. Moskva, Mysl', 1966. 430 p.

STATESMEN, IRAQI

- People and events: Najj Talib. Nov. vrem. 24 no. 36: 21
S '66.

STATISTICS

- Leont'ev, N. L. [Technique of statistical computations]
Tekhnika statisticheskikh vychislenii. Izd. 2., ispr. 1
dop. Moskva, Lessnaya promyshlennost', 1966. 240 p.

STAVROPOL TERRITORY—AGRICULTURAL CHEM- ISTRY—STUDY AND TEACHING

- Impart the knowledge of agricultural chemistry to
village workers! Agitator no. 6: 23-24 Mr '64.

STAVROPOL TERRITORY—CONDENSATE OIL WELLS

- New Upper Cretaceous gas condensate pool in the
Ternovka area of the Stavropol Territory. N. P. Fursov-
va, I. V. Shabatina, E. P. Saenko. Neftogaz. geol. i
geofiz. no. 6: 3-5 '66.

STAVROPOL TERRITORY—GEOLOGY, STRATIGRAPHIC

- Upper Cretaceous sediments in Stavropol Territory.
I. V. Shabatina, I. U. A. Sterlenko. Izv. vyz. ucheb. zav.;
neft' i gaz 9 no. 3: 8-10 '66.

STAVROPOL TERRITORY—OIL WELLS—TESTING

- Using a formation tester for investigating a deep well.
P. I. Kolesnikov, B. K. Chelombiev, N. A. Sirotnitskii.
Burenia no. 7: 24-26 '66.

STAVROPOL TERRITORY—PETROLEUM PRODUCTION

- Automated group installation. L. G. Ulianov. Neftprom.
delo no. 5: 21-26 '66.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM POWER PLANTS

- Kovalyev, A. P., ed. [Steam generators] Parogeneratory.
[By] A. P. Kovalyev, i dr. Moskva, Energiya, 1966.
448 p.

STEARIC ACID

- Conjugated decarboxylation of valeric and stearic acids
in their oxidation in a mixture with isopropylbenzene.
I. I. Uskov, V. A. Lashitskii, N. I. Mitskevich. Nefto-
khimiya 6 no. 3: 455-457 My-Je '66.

STEEL

- Engineering and economic effectiveness of a contact
method for treating steel rods. L. M. Bronshteyn,
I. N. Prus-Zhukovskaya, A. A. Pronnikov. Prom.
energ. 21 no. 6: 4-6 Je '66.

- Plastic deformation of steel under complex loading and
constant stress intensity. G. A. Doshchinskii, V. I.
Maksak. Mekh. i teor. tela no. 3: 153-155 My-Je '66.

STEEL—CORROSION

- Characteristics of the inhibition of the corrosion of steel
in hydrochloric acid by certain unsaturated organic sub-
stances. I. N. Putilova, E. N. Chislova. Zashch. met.
2 no. 3: 220-224 My-Je '66.

- Mechanism of carbon steel corrosion in lithium. N. M.
Beskorovainyi, V. K. Ivanov. Met. i metalloved. chisl.
met. no. 5: 151-162 '66.

- Mechanism of the anodic protection of carbon steel in
concentrated sulfuric acid. V. M. Novokovskii, L. L.
Faingol'd. Zashch. met. 2 no. 3: 300-306 My-Je '66.

- Preventing corrosion of high-carbon steel by enameling.
E. B. Revvo. Tekh. i org. proizv. no. 1: 62-64 Ja-F
'66.

STEEL—ELECTRIC PROPERTIES

- Effect of the low-temperature holding during the high-
temperature annealing on the properties of cold-rolled
transformer steel. M. I. Kolov, V. E. Kochanov. Stal'
26 no. 6: 549 Je '66.

- Some statistical characteristics of the magnitudes of
magnetic induction and permeability of electrical steel.
V. G. Arutunov. Elektricheskoye no. 7: 83-84 Ji '66.

STEEL—HARDENING

- Bright, stress-free hardening of steel parts in a 50%
solution of caustic soda. V. B. Umanitskii. Sbor. rab.
NITM no. 11: 125-137 '65.

STEEL—HEAT TREATMENT

- Effect of heat treatment on the contact resistance of
steel in conditions of intensive plastic deformation.
V. A. Klisik, A. I. Karmazin. Sbor. rab. NITM no. 11:
180-219 '65.

STEEL—HYDROGEN CONTENT

- Hydrogen absorption by steel during electrolytic chro-
mium plating. F. F. Azhugin, N. V. Garshina, V. I. Sy-
cheva. Zashch. met. 2 no. 3: 336-338 My-Je '66.

STEEL—METALLOGRAPHY

- Mechanism of the formation of graphite at the surface
of hypereutectoid steel. I. I. Pinshtakii. Izv. vyz.
ucheb. zav.; chern. met. 9 no. 7: 120-128 '66.

- Structure of a diffusive layer of carbon-antimonized
steel. L. N. Rastorguev, A. I. Kovalev, A. N. Minkevich.
Izv. vyz. ucheb. zav.; chern. met. 9 no. 7: 143-148 '66.

- Texture produced by alternating cyclic stress. V. M.
Sinalskii, B. M. Rovinskii, M. I. A. Gal'perin. Fiz. met. i
metalloved. 21 no. 5: 781-782 My '66.

STEEL—METALLURGY

- Effect of contamination on the operation of a waste-heat
boiler in back of an oxygen converter. I. A. N. Kozlov-
skii and others. Prom. energ. 21 no. 6: 13-18 Je '66.

- New developments in research. V. I. Zholyzhin and
others. Stal' 26 no. 6: 510 Je '66.
- Theoretical calculation of the equilibrium oxygen de-
oxidizing element in liquid iron alloys, on the basis
of critical concentrations. E. S. Filippov, S. I. Filippov.
Izv. vyz. ucheb. zav.; chern. met. 9 no. 7: 12-17 '66.

STEEL—STANDARDS

- Specifications for cold-chamber steel. I. S. Trifonovskii, I. I.
Prokopov, I. U. V. Dzina. Stand. I kach. 30 no. 3: 83
Mr '66.

STEEL—TESTING

- Effect of fatigue training on stress rupture strength.
P. A. Antikina, Z. G. Pridman. Izv. vyz. ucheb. zav.
chern. met. 9 no. 7: 133-136 '66.

- Impact strength of low-alloy 17GS and 16GN steels. I. A.
Varavskii, A. M. Chubarev. Stal' 26 no. 6: 513-515
Je '66.

STEEL—WELDING

- Weldability of 10KhSND nonmagnetic steel. E. D. Kalerov,
V. S. Arlov, S. G. Kharulez. Svar. proizv. no. 6: 35-37
Je '66.

STEEL, HEAT RESISTANT—ANALYSIS

- Proportion of cast, heat-resistant, nickel-free steel.
A. G. Alekandrov, M. P. Brown. Sbor. rab. NITM
no. 11: 165-170 '65.

STEEL, HEAT RESISTANT—WELDING

- Arc welding of heat resistant steel. V. A. Strazev, N. A.
Tarkhov, D. V. Vitman. Svar. proizv. no. 6: 34-36 Je
'66.

STEEL, STAINLESS

- Alonka, M. P. [Efficient hobbing of stainless steels]
Proizvoditel'noe zashcherozheniye zharoпрочnykh sta-
lei. Leningrad, 1966. 20 p. (Leningradskii nauchno-
tekhnicheskii propagandy. Nauchno-tekhnicheskii opyt.
Seriya: Progressivnye metody obrabotki materialov)

STEEL, STAINLESS—CORROSION

- Corrosion effect of a commercial-frequency (50 Hz) alter-
nating current on stainless 1Kh18N9 steel in cer-
tain solutions. M. A. Tolstina. Zashch. met. 2 no. 1:
323-330 My-Je '66.

- Corrosion of stainless chromium-nickel steel in lithium.
N. M. Beskorovainyi, V. K. Ivanov, V. V. Petukhov.
Met. i metalloved. chisl. met. no. 5: 163-172 '66.

- Effect of deformation on the intercrystalline corrosion
of type 18-8 stainless steel. G. K. Shreder and others.
Izv. vyz. ucheb. zav.; chern. met. 9 no. 7: 114-118 '66.

- Nature of the corrosion-cracking of austenitic steels and
the main factors affecting this process. A. V. Blazhen-
kov, V. I. Gerasimov, V. P. Shidrov. Zashch. met. 2
no. 3: 257-278 My-Je '66.

- Resistance to corrosion of weld joints of stainless steel
in certain corrosive media. V. A. Maslov, V. T.
German. Svar. proizv. no. 6: 37-38 Je '66.

- Studying the possibility of the anodic protection of stain-
less steel in diluted nitric acid. V. S. Kuzov, V. A. Pa-
chanov. Zashch. met. 2 no. 3: 356-360 My-Je '66.

STEEL, STAINLESS—ELECTROMETALLURGY

- Characteristics of the decarburization of a molten stain-
less chromium alloy during its blowing with gases. G. D.
Neigebauer, A. A. Lashkevich, E. N. Ilanitskii. Izv.
vyz. ucheb. zav.; chern. met. 9 no. 7: 73-78 '66.

STEEL, STAINLESS—METALLOGRAPHY

- Investigating the effect of initial structure and condi-
tions of heat treatment on the corrosion resistance
and mechanical properties of cast, acid-resistant
1Kh18N12M2Ti steel. S. M. Gugel', B. M. Pinshtakii,
E. P. Koltunova. Sbor. rab. NITM no. 11: 138-142
'65.

STEEL, STRUCTURAL—CORROSION

- Studying the effect of the structural shape of stainless
and steel sections on their corrosion resistance in cor-
rosive media. N. M. Kasevich. Zashch. met. 2 no. 3:
367-370 My-Je '66.

STEEL, STRUCTURAL—HEAT TREATMENT

- Weldability of thermally treated low-alloy 12Kh2NMF and
12KhG2SMF steels. L. I. Gladshteyn, D. N. Khromushkin.
Svar. proizv. no. 6: 3-7 Je '66.

STEEL, STRUCTURAL—METALLOGRAPHY

- Structural heterogeneity of transformer steel following
hot rolling. S. I. Bulat, L. V. Mironov. Fiz. met. i
metalloved. 21 no. 6: 744-740 My '66.

STEEL ALLOYS—WELDING

- Weldability of thermally treated low-alloy 12Kh2NMF and
12KhG2SMF steels. L. I. Gladshteyn, D. N. Khromushkin.
Svar. proizv. no. 6: 3-7 Je '66.

STEEL-ALUMINUM ALLOYS

Effect of aluminum on properties and quality of 25L converter and acid steel. E.D. Taranov and others. Tekh. i org. proizv. no. 1:46-48 Ja-F '66.

STEEL CASTINGS

Straightening steel castings by the local heating method. L.S. Konstantinov, A.P. Trukhov. Litz. proizv. no. 5:33-37 My '66.

STEEL CASTINGS-DEFECTS

Thermodynamic characteristics of skin forming on chromium-manganese steel castings. V.A. Chechulin, V. Taranov. Trudy Ural. politekh. inst. no. 145:41-52 '65.

STEEL CASTINGS-TESTING

Effect of carbon on certain properties of the pearlitic class cast steel. N.S. Kreshchakovskii, V.R. Neza-renko. Litz. proizv. no. 5:32-33 My '66.

Properties of cast, heat-resistant, nickel-free steel. A.G. Alekandrov, M.P. Braun. Sbor. rab. NIITM no. 11:165-170 '65.

STEEL FORGINGS-PRICES

Necessity for changing State Standards 7062-54 and 7820-55 in connection with the establishment of prices for forgings delivered by cooperative procedure. V.N. Bushikhin. Trudy LIEI no. 59:59-63 '66.

STEEL FORGINGS-STANDARDS

Necessity for changing State Standards 7062-54 and 7820-55 in connection with the establishment of prices for forgings delivered by cooperative procedure. V.N. Bushikhin. Trudy LIEI no. 59:59-63 '66.

STEEL INDUSTRY

(see also subdivision under Komsomolsk-on-Amur)
Lelikhina, N.D. [Prospects for expanding ferrous metallurgy in central regions of U.S.S.R.] Perspektivy razvitiya chernoi metallurgii tsentral'nykh rayonov SSSR. Moskva, Nauka, 1966. 193 p.

STEEL INDUSTRY-FINANCE

Certain problems of estimating the efficiency of capital investments in ferrous metallurgy. D.A. Sobachkin and others. Stal' 20 no. 6:550-552 Je '66.

STEEL INGOTS

Bottom pouring of steel with exothermic mixtures. S.P. Bekumenko, V.M. Shatov, S.A. Tsvelonov. Stal' 26 no. 6:508-511 Je '66.

STEEL INGOTS-COOLING

Character of changes in the rate of cooling at various points of ingot sections. K.F. Starodubov and others. Dop. AN URSR no. 7:801-804 '66.

Optimum conditions of recooling during the continuous pouring of steel. A.I. Chizhikov and others. Stal' 26 no. 6:506-508 Je '66.

STEEL INGOTS-DEFECTS

Method of brightening the round billets in time of dressing. G.G. Alekseev. Stal' 26 no. 6:536 Je '66.

STEEL PIPE see Pipe, Steel

STEKLOV, IURII MIKHAILOVICH, 1873-1941

[I.U. Steklov; recollections and publications] I.U. Steklov; vospominaniya i publikatsii. Moskva, Izd-vo "Izvestiya," 1965. 248 p. (NGU)

STELAZINE-PHYSIOLOGICAL EFFECT

Morphofunctional and biochemical changes in different cerebral formations under effect of stelazine; experimental data. S.A. Sarkisov and others. Zhur. nov. i pekh. 86 no. 8:1169-1177 '66.

STEPHANITE

Study of stephanite (Ag₂SbS₄) by the method of nuclear quadrupole resonance. I.N. Pan'kov, I.A. Safin. Dokl. AN SSSR 168 no. 5:1146-1150 Je '66.

STEPPE see subdivision under Chita Province; Krasnoyarsk Territory.

STEREOCHEMISTRY

Cis-trans isomers of propenyl derivatives of magnesium and boron. A.N. Nigmatov, A.E. Dorlov, M.A. Ostapova. Dokl. AN SSSR 169 no. 3:602-605 Ji '66.

Effect of stereoisomerism and structure of a side chain on molecular relaxation. G.P. Mikhailov, A.M. Lobanov, M.P. Platonov. Vysokom. soed. 8 no. 8:1377-1382 Ag '66.

Electrophilic substitution at the olefin carbon atom. Report No. 51 Kinetics and stereochemistry of the reaction of trans-β-chlorovinyl chloride with iodine in dimethyl sulfoxide. I.P. Belotalskaya, V.I. Karpov, O.A. Reutov. Izv. AN SSSR, Ser. khim. no. 7:1135-1138 '66.

Stereochemistry of cyclic compounds. Report No. 66: Stereochemistry of oxidation by peracetic acid of the adduct of trans-1-vinyl-6-acetoxy-9-methyl-Δ¹⁰-octalin with maleic anhydride. I.M. Mil'shtein, I.A. Gurvich, V.F. Kucherov. Izv. AN SSSR, Ser. khim. no. 7:1203-1208 '66.

Stereochemistry of 3-substituted quinolindines with a semicyclic double bond. L.N. Iakhotov and others. Dokl. AN SSSR 168 no. 5:1065-1068 Je '66.

Stereospecificity of the catalytic dehydration of sec-n-pentanol. V.Z. Sharif and others. Neftekhimiya 6 no. 3:407-411 My-Je '66.

STERIC HINDRANCE

Splitting off of a hydride ion from organometallic compounds by sterically hindered ketones. S.V. Vitt, N.S. Martinkova. Izv. AN SSSR, Ser. khim. no. 7:1185-1188 '66.

STERILITY

(see also subdivision under Azerbaijan)

Some methods for detecting the causes of female sterility. K.K. Lapko. Sov. med. 20 no. 5:45-51 My '66.

STEROIDS

Effect of the developmental phase of Tieghemella orchidis on the transformation of Reichstein's substance. G.K. Skriabin, E.M. Vaisman, V.K. Eroshin. Izv. AN SSSR, Ser. biol. 31 no. 4:549-553 Ji-Ag '66.

STILBENE-SPECTRA

Transfer of polar effects in conjugate systems. Frequency and integral intensity of the C=O group in the infrared spectra of substituted trans-α-cyanostilbenes. I.N. Iukhnovskii. Dokl. AN SSSR 168 no. 5:1117-1120 Je '66.

STILL-LIFE PAINTING

Kuznetsov, I.I. [West European still-life painting] Zapadnoevropeiskii naturnorm. [Leningrad, Sovetskii khudozhnik, 1966] 224 p. illus.

STOCHASTIC PROCESSES

Calculation of passive vibromodulation for effects such as stationary random processes. L.S. Maksimov. Mekh. i ver. teia no. 3:167-171 My-Je '66.

Estimation of spectral functions of one class of stationary random processes. T.M. Tovstik. Vest LGU 21 no. 13:47-54 '66.

Onset and duration of a periodically unsteady random process. V.A. Markelov. Izv. vys. ucheb. zav. radiofiz. 9 no. 4:741-746 '66.

Optimal control of a regulated monotonously rising random process. E.I.U. Barzilovskii. Izv. AN SSSR. Tekh. sb. no. 3:144-149 My-Je '66.

Optimal control of stochastic systems. I.U.I. Parayev. Avtom. i telem. no. 6:61-71 '66.

Some limit theorems on the distribution of functionals of processes asymptotically close to Markov processes. Dokl. AN SSSR 168 no. 3:507-510 Ji '66.

Spectral-correlational analysis of signals with nonintegrating spectra. A.N. Molokhov. Izv. vys. ucheb. zav. radiofiz. 9 no. 3:595-607 '66.

STOCHASTIC PROCESSES-MEASUREMENT

Selection of the optimum duration of realization in studying random processes by means of instruments. N.F. Volterner. Izv. vys. ucheb. zav. radiofiz. 9 no. 4:737-740 '66.

STOCK AND STOCKBREEDING-LABOR PRODUCTIVITY

Zhalina, E.A. [Labor productivity in stockbreeding] Proizvoditel'nost' truda v zhivotnovodstve. Moskva, Kolos, 1966. 71 p.

STOMACH-CANCER

Amino acid composition of soluble proteins in malignant tumors of the stomach and their fractions. M.N. Tag-mizian. Biol. zhur. Arm. 19 no. 6:23-28 Je '66.

Cancer of the stomach following gastroenteroanastomosis for peptic ulcer. M.I. Taleev. Sov. med. 29 no. 5:100-103 My '66.

Possible ways for improving immediate and late results of total gastrectomy for cancer of stomach. M.I. Kuzin, V.G. Riabisev. Khirurgiya 42 no. 6:75-80 Je '66.

STOMACH-DISEASES

Biochemical changes in the brain during reflexes causing dystrophy of the gastric mucosa. E.V. Moreva. Biol. eksp. biol. i med. 62 no. 7:40-52 Ji '65.

Functional morphology of stomach in grave forms of Botkin's disease. F.M. Shapiro. Arkh. pat. 28 no. 6: 50-55 '66.

STOMACH-EXPLORATION

Clinical significance of Lambing's method of stomach catheterization. S.B. Korostovtsev, K.I. Saikin, I.S. Stantselis. Sov. med. 29 no. 7:142-149 Ji '66.

STOMACH-INNervation

Some data on the structure of intraorganic nervous system of the stomach in fetuses, children, and adults. E.G. Zanglov. Sbor. nauch. trud. SOGMI no. 11:219-226 '64.

STOMACH-MOTILITY

Effect of the hypothalamus stimulation on the motor activity of the multicamerate stomach in sheep. P. Tubaev, I. Sharipov. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:86-91 My-Je '66.

STOMACH-SECRETIONS

Distribution of glutaminase activity in the structure of fundal gastric glands. S.J. Maramba. Biol. eksp. biol. i med. 62 no. 7:98-103 Ji '66.

Effect of the stimulation of the anterior gyrus cinguli and amygdaloid nuclei on the secretory activity of salivary and gastric glands. P.H. Bohach, Nguyen Dinh Dau. Fiziol. zhur. [Ukr.] 12 no. 4:452-456 Ji-Ag '66.

Interceptive effects from the mammary gland on the secretory function of the stomach in lactating animals. K.T. Tashenov. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:77-81 My-Je '66.

Physiological significance of "mechanical" gastric secretion. N.V. Asmanov, K.V. Sudakov. Fiziol. zhur. 50 no. 7:861-869 Ji '64.

Role of the vegetative nervous system in the changes of the secretory function of the stomach during muscular activity. T.L. Svyatun. Fiziol. zhur. [Ukr.] 12 no. 4: 450-464 Ji-Ag '66.

STOMACH-SURGERY

Bilroth-I resection of the stomach with Tomoda's modification. S.N. Ivanov. Sov. med. 29 no. 7:69-81 Ji '66.

Comparative evaluation of assimilation of fats following different methods of gastric resection. M.A. Chistova, M.A. Vinogradova. Khirurgiya 42 no. 6:41-45 Je '66.

Damage of extrahepatic bile ducts in gastric resection for peptic ulcer. M.P. Pastolov. Khirurgiya 42 no. 6:135-138 Je '66.

Determination of the formation of the intrinsic factor in Addison-Biermer's anemia and following resection of the stomach. A.L. Kozyreva, R.L. Marishevskaya, Lab. delo no. 8:464-466 '66.

Kocher's method for the mobilization of the duodenum in the resection of the stomach. I.U.I. Udaev, B.V. Myta. Sov. med. 29 no. 7:81-85 Ji '66.

Peptic ulcers following resection of stomach. B.S. Rozanov. Khirurgiya 42 no. 6:5-10 Je '66.

Peptic ulcers of anastomosis and jejunum following resection of stomach. I.K. Pipin, R.N. Kumsashvili. Khirurgiya 42 no. 6:38-40 Je '66.

Reconstructive surgery on child for cicatricial gastric stenosis following acid burns. S.I.A. Dolotaki, A.A. Vnians. Khirurgiya 42 no. 6:40-41 Je '66.

Results of 2500 stomach resections for peptic ulcer using Moynihan's modification with additional inter-intestinal anastomosis. V.P. Radushkevich. Khirurgiya 42 no. 6:16-19 Je '66.

STOMACH-ULCERS

Effect of Karmadon mineral water on the healing of experimental gastric ulcer. L.K. Gabanova. Sbor. nauch. trud. SOGMI no. 11:41-46 '64.

STONE, CAST

Microstructure of cement stone reinforced with mineral fiber. P.P. Budnikov, A.A. Pashchenko, V.P. Scribn. Izv. AN SSSR. Neorg. mat. 2 no. 4:741-744 Ap '66.

Technological properties of fused silicates based on mineral charge mixtures for stone casting. V.A. Chechulin, I.U.G. Kovalev. Trudy Ural. politekh. inst. no. 145: 152-163 '65.

STONE AGE see subdivision under Dniester Valley; Ema Valley

STONECUTTING-EQUIPMENT AND SUPPLIES see subdivision under Armenia

STOPING (MINING)

Liaschenko, I.V., and I.U. P. Savenko. [Intensification of mining and stoping operations] Intensifikatsiya prokhodchenskikh i oshistnykh rabot. Moskva, Nedra, 1966. 173 p.

STORES, RETAIL-DESIGN AND CONSTRUCTION see subdivision under Ulyanovsk

STRAIN GAUGES

Method of resistance compensation for strain gauges at increasing temperatures. L.A. Cherkasov, N.V. Skvortsova. Prikl. mekh. 2 no. 7:135-137 '66.

STRAINS AND STRESSES

Changes of full electric resistance during repeated deformation. V.I. Shlapin, V.A. Gladkovskii, N.N. Vasserman. Fiz. met. i metalloved. 21 no. 5:789-800 My '66.

Correlation between the recoil and the optimum axial force. V.A. Latyshev. Vzyryv, delo no. 58/16:129-140 '66.

Determination of stresses in cone-type coarse crushers. S.A. Parkratov, M.V. Egorov, R.K. Ryzhikov. Obog. rud 11 no. 2:35-40 '66.

Distribution of stresses and the rate of displacements in a plastic zone surrounded by a smooth boundary. V.K. Vostrov. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:13-19 '66.

Distribution of the force of the shock pulse in the tool used in boring deep blastholes by rock drills with an independent rotation of the bit. V.D. Andreev, K.I. Ivanov. Vzyryv, delo no. 58/16:218-226 '66.

STRAINS AND STRESSES (Continued)

- Effect of certain factors on the magnitude and distribution of internal residual stresses in the crystallization of germanium single crystals. N. V. Bessonova and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:660-672 Je '66.
- Effect of programmed loading on the plasticity of single crystals of beryllium. I. A. Gindin and others. *Fiz. met. i metalloved.* 21 no. 5:774-778 My '66.
- Effect of stereoisomerism and structure of a side chain on molecular relaxation. G. P. Mikhailov, A. M. Lobanov, M. P. Platonov. *Vysokom. soed.* 8 no. 8:1377-1382 Ag '66.
- Forming of stress pulses, in shock units of boring machinery. V. D. Andreev. *Vzryv. delo* no. 58/15:147-156 '66.
- Interaction between unloading waves and shock waves. A. I. Buravtsev, N. A. Ezenina. *Vest LGU* 21 no. 13: 55-63 '66.
- Lashchenko, M. N. [Controlling stresses in metal structures] Regulirovaniye napriazheniy v metallicheskikh konstruktsiyakh. Leningrad, Stroiizdat, 1966. 160 p.
- Propagation of weak discontinuities in ideal elastoplastic media for plane stressed state. A. D. Chernyshev. *Mekh. tver. tela* no. 3:124-126 My-Je '66.
- Reinforced circular hole in an elastic field with an unsymmetric stress tensor. I. U. N. Nemish. *Prikl. mekh.* 2 no. 7:43-49 '66.
- Stress and strain conditions during the cold rolling of transformer steel. N. M. Fedosov, V. I. Papchenko. *Stal'* 26 no. 6:546-548 Je '66.
- Stressed state in regions with two zones of stress concentration. N. S. Kurdin. *Mekh. tver. tela* no. 3:78-83 My-Je '66.
- Stresses developing in toothed roller bits during welding. G. K. Shreiner, I. I. Anovskii, E. M. Patrikeeva. *Vzryv. delo* no. 58/15:193-201 '66.
- Transformation and integration of equations in plasticity theory for a plane stresses state. F. S. Churikov. *Mekh. tver. tela* no. 3:136-140 My-Je '66.

STRAITS

(see also subdivision under Turkey)

- Barabolla, P. D., L. A. Ivanashchenko, and D. N. Kosenko. [The international law regime of the principal straits and canals] Mezhdunarodno-pravovoye razhniye vzhneshnikh prolivov i kanalov. Moskva, Iuridicheskaya literatura, 1965. 149 p.
- (CS1-10) (NJP)

STRANGE PARTICLES

- Disturbed $U(12)$ symmetry and the S-matrix unitarity condition. O. G. Bokov and others. *Iad. fiz.* 3 no. 6:1111-1118 Je '66.
- Inclusion of leptons in the systematics of quarks. N. S. Akulov. *Dokl. AN BSSR* 10 no. 7:456-460 Ji '66.
- Magnetic moments of particles in a quark model. E. M. Levin, L. L. Frankfurt. *Iad. fiz.* 3 no. 6:1135-1137 Je '66.
- Model for broken isotopic symmetry in a unified electromagnetic-weak "adron" interaction. E. M. Lipmanov. *Zhur. eksp. i teor. fiz.* 50 no. 5:1309-1321 My '66.
- Quark structure and masses of strongly interacting particles. I. A. B. Zeldovich, A. D. Sakharov. *Iad. fiz.* 4 no. 2:395-406 Ag '66.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRAWBERRIES—DISEASES AND PESTS

- Phytophthora infection of strawberries. G. G. Gonorova. *Zashch. rast.* 11 no. 7:44-45 '66.

STREAM MEASUREMENTS see subdivision under Baraba Steppe

STRENGTH OF MATERIALS

- Cavitation-mechanical strength of metals. K. K. Shal'nev, R. D. Stapanov, L. Logov. *Dokl. AN SSSR* 169 no. 1:85-93 Ji '66.
- Fluctuation theory of the strength of amorphous polymers. I. U. A. Buevich. *Mekh. tver. tela* no. 3:155-159 My-Je '66.
- [Technical mechanics] *Tekhnicheskaya mekhanika*. [4. izd., perer.] Leningrad, Sudostroenie.
- Pt. 1. Movnin, M. S., and A. B. Izraelit. [Theoretical mechanics] *Teoreticheskaya mekhanika*. 1966. 359 p.
- Pt. 2. Mitinski, A. N., M. S. Movnin, and A. B. Izraelit. [Strength of materials] *Soprotivleniye materialov*. 1966. 363 p.

STRENGTH OF MATERIALS—MODELS

- Strength of nonuniform pillars. F. P. Bubik and others. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 2:31-36 '66.

STREPTOCOCCUS

- Beta-hemolytic Streptococcus in a healthy body. N. D. Vartazarian. *Biol. zhur. Arm.* 19 no. 8:82-87 Je '66.
- Electron microscopic and cytochemical study of hemolytic streptococcus. L. N. Kats, O. I. Vvedenskaya. *Zhur. mikrobiol., epid. i immun.* 43 no. 8:113-116 Ag '66.

STRESS (PHYSIOLOGY)

- Role of the vegetative nervous system in the changes of the secretory function of the stomach during muscular activity. T. I. Syvatin. *Fiziol. zhur. [Ukr.]* 12 no. 4: 459-464 Ji-Ag '66.

STRESS WAVES

- Correlation between the parameters of borehole blasting operations and the characteristics of explosion loads. V. L. Shukhman. *Vzryv. delo* no. 58/15:301-320 '66.
- Magnitude of the blasting force of explosives, used for ore moving and compacting in tight-face blasting. G. M. Burmin, A. M. Tarasov. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 2:150-152 '66.

STRIP CROPPING see subdivision under Aktyubinsk Province

STRIP MINING see subdivision under Kursk Magnetic Anomaly

STRIP MINING—EQUIPMENT AND SUPPLIES

- The BASH-250 self-propelled drill. I. V. Usvich, V. I. Bekushev. *Vzryv. delo* no. 58/15:5-12 '66.
- Experience in testing the shear resistance of rocks with a faulted structure. V. A. Kurnosov. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 3:102-106 '66.
- Experimental studies of roller bit drilling of hard rocks in strip mining. G. S. Filipov, A. N. Luk'yanov. *Vzryv. delo* no. 58/15:270-287 '66.
- Methods of calculating the parameters of complicated mining systems without transportation. M. G. Novozhilov and others. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 2:75-83 '66.
- A more accurate calculation of the drive power of the actuating mechanism in a rotary bucket excavator. V. M. Vladimirov, V. P. Senchurov, R. S. Shmerkovich. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 2:98-105 '66.

STRIP MINING—MATHEMATICAL MODELS

- Planning the expansion of mining operations in curvilinear fronts. M. S. Chetverik. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 2:84-90 '66.

STRIP MINING—MECHANIZATION

- Selecting the parameters of superpowerful mechanical shovels. P. M. Alabuzhev and others. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 2:91-97 '66.

STRIP MINING—MODELS

- Studying the methods of controlled caving of benches on models of equivalent materials. M. G. Novozhilov, B. N. Tartakovsky, A. G. Shapar. *Fiz. i tekhn. probl. razrab. pol. iskop.* no. 3:97-101 '66.

STROMATOPOROIDEA

- Presence of stromatolites in Stromatoporoidea of the genus *Dendrostroma* Lecompte. V. G. Khromykh. *Dokl. AN SSSR* 168 no. 6:1403-1404 Je '66.

STRONTIANITE see subdivision under Dvin region (Armenia)

STRONTIUM see subdivision under Carpathian Mountain region

STRONTIUM-BISMUTH ALLOYS see Bismuth-strontium alloys

STRONTIUM IN THE BODY

- Interrelationship between strontium and calcium during their penetration from food to the dog skeleton. G. V. Dobrinskaya, I. A. Panchenko, A. P. Povaliaev. *Radiobiologiya* 6 no. 4:623-627 '66.

STRONTIUM ISOTOPES

- Basic features of the global distribution of strontium-90 on the surface of the world ocean, 1960-1961. N. I. Popov, S. A. Patin. *Trudy Inst. okean.* 82:42-55 '66.
- Reliability of present-day chemical determinations of strontium-90 in seawater. N. I. Popov, S. A. Patin. *Trudy Inst. okean.* 82:91-108 '66.
- Strontium-90 content in the waters of the Pacific Ocean in 1962 and 1964. V. D. Chumichev. *Trudy Inst. okean.* 82:20-23 '66.
- Strontium-90 in the deep waters of the Indian Ocean. N. I. Popov, V. M. Orlov, S. A. Patin. *Trudy Inst. okean.* 82:24-31 '66.
- Strontium-90 in the waters of the Pacific Ocean. Report No. 3: Vertical distribution in the central area. N. I. Popov and others. *Trudy Inst. okean.* 82:5-15 '66.
- Strontium-90 in the waters of the Pacific Ocean. Report No. 4: Surface water of the South China Sea, 1962. *Trudy Inst. okean.* 82:16-18 '66.
- Strontium-90 on the surface of the Atlantic Ocean in the second half of 1961. S. A. Patin, A. V. Aleksandrov, V. M. Orlov. *Trudy Inst. okean.* 82:32-34 '66.

STRONTIUM ISOTOPES—PHYSIOLOGICAL EFFECT

- Changes of peripheral blood indices in mice subjected to a chronic strontium-90 action. I. A. Panchenko. *Radiobiologiya* 6 no. 4:623-625 '66.

- Determination of strontium-90 absorption rate from the gastrointestinal tract. I. A. Sarapul'tsev. *Radiobiologiya* 6 no. 4:552-555 '66.

- Effect of calcium amount in the diet on the accumulation and excretion of strontium-90 by young rats in laboratory experiment. B. N. Annenkov. *Radiobiologiya* 6 no. 4: 622-623 '66.

- Probable statistical distribution of strontium-90 and some reactions of the organism following singular chronic its penetration. V. L. Shvedov and others. *Radiobiologiya* 6 no. 4:524-528 '66.

STROPHANTHIN—PHYSIOLOGICAL EFFECT

- Characteristics of the effect of strophanthin on circulation of coronary blood circulation. L. G. Borovnikh. *Dokl. eksp. biol. i med.* 61 no. 4:70-73 Ap '66.

STRUCTURAL DESIGN

- Rokach, V. G. [Summaries of lectures on structural mechanics. In 2 parts] *Konspekt teksta po strukturnoy mekhanike*. [V 2 chastakh. Izd. 2., izm.] Moskva, Univ. družby narodov.
- Pt. 1. [Statistically determinate systems] *Staticheskoye opredelimoye sistemy*. 1965. 102 p.

STRUCTURAL ENGINEERING see Structural design

STRUCTURAL FRAMES

- Glued wooden frames with addition of bolted veneers. S. E. Shteynberg. *Der. prom.* 15 no. 6:9-11 Ag '66.

STRUCTURAL FRAMES—MODELS

- Selecting modeling materials by their similarity in a statistical sense. R. O. Amasian. *Dokl. AN Azerbaydzhan* 42 no. 5:270-283 '66.

STRUCTURAL GEOLOGY see Geology, Structural

STRYCHNINE

- Activity of alpha-motoneurons in a rhizotomized preparation of the red nucleus and the influence of strychnine on rubrospinal effects. A. I. Shapovalov, K. I. Shapovalova. *Dokl. AN SSSR* 168 no. 6:1430-1433 Je '66.
- Determination of strychnine and brucine in their polymers. B. I. Shvydkiy, V. P. Kramarenko. *Formulye, stroy.* 11 no. 3:20-24 '66.

STRYCHNINE—PHYSIOLOGICAL EFFECT

- Effect of strychnine and picrotoxin on the central nervous system in frogs during X-ray irradiation. B. M. Pustov, Sbor. nauch. trud. SOGM no. 11:20-123 '66.

STUDENT ACTIVITIES see subdivision under Armenia

STUDENTS—RELIGIOUS LIFE

- Developing scientifically based atheism in students. D. P. Plotkina. *Uch. zap. MOPI* 141:107-223 '64.

STYRENE POLYMERS

- Effect of technological parameters of extrusion on static age of impact resistant polystyrene sheets. M. G. Bil'mental' and others. *Plast. massy* no. 8:46-48 '66.
- Initiating activity of aliphatic asymmetrical dialkyl peroxides in styrene bulk polymerization. G. S. Dylin, A. P. El'nitskiy, I. U. A. Ol'dekop. *Vysokom. soed.* 8 no. 8:1386-1388 Ag '66.
- Role of peroxide initiators in the formation of branches in polystyrene during polymerization. S. B. Ivanov, I. U. A. Anisimov, A. I. Iurzhenko. *Dokl. AN SSSR* 168 no. 5:1072-1075 Je '66.

- Ways of formation of carbonyl groups in polystyrene photooxidation. P. I. Selivanov, E. I. Kirillova, V. L. Matisimov. *Vysokom. soed.* 8 no. 8:1418-1422 Ag '66.

SUBBOTIN, SERAFIM IVANOVICH, 1906-

- Indefatigable service to science. *Geofiz. zhur.* no. 12: 5-10 '66.

SUBLIMATION (PHYSICAL SCIENCES)

- Purification of arsenic by sublimation. F. P. Kharkov and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 4: 582-584 Ap '66.

SUBMARINE BOATS

- Camouflage of submarines. I. P. Firsov. *Mor. zhur.* 49 no. 8: 27-33 Je '66.

SUBSTITUTION (CHEMISTRY)

- Substitute for boiled linseed oil in the foundation of the Gorky Automobile Plant. A. B. Komarov, T. F. Ul'ianova, A. A. Zakharchenko. *Liz. prof. zh.* no. 3:10 My '66.

SUBTILISIN

- Lowering polarographic wave height of subtilisin in the presence of diisopropyl fluorophosphate. I. D. Ivanov, E. E. Rakhleeva, V. G. Krylova. *Izv. AN SSSR, Ser. khim.* 31 no. 4:594-597 Ji-Ag '66.

SUBWAYS—DESIGN AND CONSTRUCTION

- Isaev, K. S., ed. [Principles of the automation of transportation construction] *Osnovy avtomatizatsii transportnogo stroitel'stva*. [By] K. S. Isaev i dr. Moskva, Transport, 1966. 278 p.

- SUCKER RODS**
Mechanization of screwing process of cylinders and valve units of sucker rods. G. A. Noginov and others. Azerb. neft. khoz. 45 no. 8:42-44 Ag '66.
- SUDAN—COMMUNIST PARTY**
Always with our people. Hasan Hamud. Part. zhizn' no. 16:66-71 Ag '66.
- SUGAR BEET BREEDING**
Improving the "Belaya Tserkov' Monoaporous" variety by the numerical elite number. K. I. Nabokikh, I. A. Abugaltiev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:22-27 JI '66.
- SUGAR BEETS**
(see also subdivision under Kazakhstan; White Russia)
Udalovo-Lulnitskaya opytno-selektionnaya stantsiya. [Ways of achieving high yields from sugar beet and pulse crops; research results for 1945-1960] Puti polucheniya vysokikh urozhayev sakharolov svedki i zernobobovyykh kul'tur; itogi nauchnykh issledovaniy za 1945-1960 gg. Kiev, Gos. izd-vo sel'khoz. lit-ry Ukrainskoi SSR, 1963. 191 p.
(ICRL)
- SUGAR BEETS—DISEASES AND PESTS** see subdivision under Kazakhstan; White Russia
- SUGAR BEETS—FERTILIZERS AND MANURES**
(see also subdivision under Lipetsk Province)
Supplementary fertilizers for row crops. L. M. Derzhavin. Zemledelie 26 no. 5:62-63 '66.
- SUGAR MANUFACTURE**
Grizodubov, N. I. [Evaluating the technological qualities of saturation juice] Otsenka tekhnologicheskikh svoystv saturatsionnogo soka. Moskva, TsINTIPishche-prom, 1966. 11 p.
- SUGARS**
Alkoxydimethylphenosphoranes and their use for the expansion of the carbon chain of sugars. I. U. A. Zhdanov, L. A. Uziyeva. Zhur. ob. khim. 36 no. 7:1211-1212 JI '66.
- SUITNER, OTMAR**
The conductor and opera. H. Schaeffer. Sov. muz. 30 no. 5:141-143 My '66.
- SULFIDE ORES**
(see also subdivision under Bug Valley)
Hypothesis of electrochemical origin in sulfide deposits. G. B. Sveshnikov. Vest. LGU 21 no. 12:52-60 '66.
- SULFIDES**
Hydrothermal sulfide ore formation. G. I. Kniazev, R. S. Seifullin. Geol. i geofiz. no. 4:64-72 '66.
Oxidation of sulfides by hydrogen peroxide in acetic anhydride and acetic acid. E. N. Karaulova and others. Neftekhimiya 6 no. 3:480-488 My-Je '66.
- SULFIDES—METALLURGY**
Mechanism of steaming sulfides with lime. V. V. Rybakov. Obozr. rud. 11 no. 2:14-17 '66.
- SULFITE LIQUOR**
Use of the waste products of the woodpulp and paper industry to strengthen earth regulating structures. I. A. Anushkin. Rech. transp. 25 no. 7:34-35 '66.
- SULFONAMIDES**
Electron diffraction investigation of the structure of a chlorosulfonic acid dimethylamide molecule in the vapor stage. L. V. Vilkov, I. A. Khargitai. Dokl. AN SSSR 166 no. 5:1065-1068 Ja '66.
- SULFONATION**
Increasing wear resistance of ceramic-metal antifriction materials by sulfidation in sulfonated oils. L. M. Korkh. Tekh. i org. proiz. no. 1:18-21 Ja-F '66.
- SULFONES**
Mechanism underlying Smiles' rearrangement of α -methylaryl sulfones. A new type of carbocation rearrangement. V. N. Drozd. Dokl. AN SSSR 166 no. 1:107-110 JI '66.
- SULFONIC ACIDS**
Surface activity and detergency of aqueous solutions of some alkyl aromatic sulfonates. N. I. Shukhin and others. Izv. AN SSSR. Ser. khim. no. 7:1248-1251 '66.
- SULFONIC GROUP**
Mobility of sulfo groups in aromatic compounds studied by means of the S_{35} exchange method. Part I: Exchange between salts of some sulfonic acids with sodium sulfite and sulfuric acid in aqueous medium. V. F. Gorchanovskii, N. T. Maleeva. Zhur. ob. khim. 36 no. 7:1180-1193 JI '66.
- SULFOXIDES**
Electrophilic substitution at the olefin carbon atom. Report No. 5; Kinetics and stereochemistry of the reaction of trans-2-chlorovinyl chloride with iodine in dimethyl sulfoxide. I. P. Belotskaya, V. I. Karpov, O. A. Reutov. Izv. AN SSSR. Ser. khim. no. 7:1135-1138 '66.
- SULFOXIDES—PHYSIOLOGICAL EFFECT**
Study of the protective properties of dimethylsulfoxide in quick freezing of bone marrow cells to -79°C . M. M. Kapchenkov and others. Biul. eksp. biol. i med. 61 no. 4:94-97 Ap '66.
- SULFUR COMPOUNDS**
Rarefied flames of sulfur vapors studied by the electron paramagnetic resonance method. E. N. Sarkisinn, V. V. Azatinn, A. B. Nabhandian. Dokl. AN SSSR 166 no. 6:1353-1355 Je '66.
- SULFUR DIOXIDE**
Calculating the final blowing out of gas in sulfite pulping. L. O. Ioffe. Bum. prom. no. 6:18-20 Ju '66.
- SULFUR ORES** see subdivision under Carpathian Mountain region
- SULFURIC ACID**
Moscow. Tsentral'nyi nauchno-issledovatel'skiy institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoi, tselulozno-bumazhnoi, derevobrabatyvayushchei promyshlennosti i lesnomu khozaystvu. [Production of colliectivity from hydrolysis lignin using oleum] Polucheniye kollaktivita iz gidroliznogo lignina s primeneniem oleuma. [By] G. Z. Iakovenko, i dr. Moskva, 1965. 32 p. (Gidroliz i leskhimiya)
[MICROFILM]
- SUMERIAN LITERATURE**
A recently found tablet with an excerpt from "A scribe and his worthless son," a Sumerian poem. I. T. Kanova. Vest. drev. ist. no. 2:68-78 '66.
- SUMS (MATHEMATICS)**
Asymptotic formulae for a certain class of trigonometric sums. A. A. Karasuba. Dokl. AN SSSR 166 no. 1:9-11 JI '66.
Harmonic method of summation of Fourier series. I. E. M. Kud'berg. Dop. AN URSS no. 7:854-856 '66.
- SUMY PROVINCE—CRIME PREVENTION**
Experience with crime prevention. A. Pundyk. Rad. pravo 29 no. 7:54-55 JI '66.
- SUMY PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS**
Organization of the reserve forces of guerrilla units. A. P. Khlaklin. Ukr. ist. zhur. 10 no. 6:72-77 Je '66.
- SUNFLOWERS** see subdivision under Voronezh Province
- SUPERCONDUCTIVITY**
Absorption of a high frequency field in pure superconducting films. I. U. N. Ovchinnikov. Zhur. eksp. i teor. fiz. 50 no. 5:1364-1368 My '66.
Effect of oxygen additions on the structure and superconductivity of alloys of the system Zr-Nb. I. U. F. Bychkov, I. N. Goncharov, I. S. Khukhareva. Met. i metalloved. chist. met. no. 5:44-50 '66.
Formation of vortex nuclei in superconductors of the second kind. V. P. Galitskiy. Zhur. eksp. i teor. fiz. 50 no. 5:1322-1326 My '66.
Tulub, A. V., and L. A. Khalilina. [Superconductivity] Sverkhprovodimosti. Leningrad, Ob-vo "Znanie" RSFSR, 1966. 34 p.
- SUPERCONDUCTORS**
Absorption of sound in the intermediate state of superconductors. A. F. Andreev, I. U. M. Bruk. Zhur. eksp. i teor. fiz. 50 no. 5:1420-1424 My '66.
- SUPERFLUIDITY**
Dynamics of a superfluid Fermi gas. Part 2. Static equations at finite temperatures. M. P. Kozmikhin. Zhur. eksp. i teor. fiz. 50 no. 5:1360-1378 My '66.
- SUPERSONIC AERODYNAMICS** see Aerodynamics, Supersonic
- SUPERSONIC NOZZLES**
Simultaneous flow of two gas streams through a propelling nozzle. E. D. Sten'kin. Izv. vyz. ucheb. zav. i vy. tekhn. 9 no. 2:83-98 '66.
- SUPERSONIC TESTING** see Ultrasonic testing
- SUPPLY AND DEMAND**
Determining the population's demand for furniture. A. Margolina. Sov. torg. 39 no. 7:46-49 JI '66.
- SUPPORT (DOMESTIC RELATIONS)**
Distinguishing between a person's legal capacity under civil and labor law. B. K. Begichev. Sov. gos. i pravo 36 no. 8:124-127 Ag '66.
- SURAMIN—THERAPEUTIC USE**
Use of naganin for the elimination of effects of curare and paramion. B. M. Butaev. Sbor. nauch. trud. SOGM no. 11:124-127 '64.
- SURFACE ACTIVE AGENTS**
Active components of the KKH-2 corrosion inhibitor. N. G. Chen. Zashch. met. 2 no. 3:363-364 My-Je '66.
- Adsorption interaction of surface-active substances with polymers. Part I: Wetting of rubber surfaces by emulsifier solutions. V. N. Vereshnikov, L. V. Vlasova, R. E. Neiman. Koll. zhur. 28 no. 3:328-333 My-Je '66.
Foaming of solutions of surface-active substances in urethane oligomers. E. A. Petrov, O. G. Tarakanov. Koll. zhur. 28 no. 3:331-338 My-Je '66.
Moscow. Tsentral'nyi nauchno-issledovatel'skiy institut informatsii i tekhniko-ekonomicheskikh issledovaniy po promyshlennosti stroitel'nykh materialov. [Effect of additives of surface-active agents on finishing concretes and mortars; review] Vliyanie dobavok poverkhnostno-aktivnykh veshchestv na otkluchnyye betony i rastvory; obzor. Moskva, 1965. 18 p. (Tekhnicheskaya informatsiya)
Solubilization of rosin in aqueous solutions of some surface-active agents. V. A. Volkov, S. L. Talmud. Koll. zhur. 28 no. 3:343-349 My-Je '66.
Surface-active properties of alkyl tertiary hydroperoxides. M. R. Vilenkin and others. Koll. zhur. 28 no. 3:334-337 My-Je '66.
Using surface-active agents for improving the reservoir sweep by edge water drive as exemplified by the Serafimovka group of oil fields. A. R. Marin. Neftprom. delo no. 7:16-20 '66.
Weakening of particle adhesion by isolation of the initial surface. A. D. Zimon. Koll. zhur. 28 no. 3:304-308 My-Je '66.
- SURFACE CHEMISTRY**
Surface activity and detergency of aqueous solutions of some alkyl aromatic sulfonates. N. I. Shukhin and others. Izv. AN SSSR. Ser. khim. no. 7:1248-1251 '66.
- SURFACE CHEMISTRY—CONGRESSES**
Third Conference on Surface Forces. Koll. zhur. 28 no. 3:460-462 My-Je '66.
- SURFACE ENERGY—TESTING**
Determining the surface energy of silicon iron by the neutral drop method. I. U. S. Avramov, V. M. Semenov, I. A. Levin. Izv. vyz. ucheb. zav. i chern. met. 9 no. 7:120-132 '66.
- SURFACE TENSION**
Conditional Young's modulus of liquid surface layers. A. I. Rusinov. Koll. zhur. 28 no. 3:443-449 My-Je '66.
Effect of interfacial tension of connate water on the permeability of rocks in oil flow. B. D. Panov, V. F. Silkin. Neft. khoz. 44 no. 6:38-42 Je '66.
Surface tension in weak solutions of helium isotopes. A. F. Andreev. Zhur. eksp. i teor. fiz. 50 no. 5:1414-1419 My '66.
Surface tension of multicomponent solutions. A. A. Orlanov. Izv. vyz. ucheb. zav. i chern. met. 9 no. 7:18-20 '66.
- SURFACE WAVES**
Use of surface waves in measuring the dielectric constant of inhomogeneous media. V. K. Polischuk. Izv. vyz. ucheb. zav. i radiofiz. 9 no. 4:681-689 '66.
Vibrations of circular cylinder near free surface of heavy liquid. V. S. Sabanov, P. E. Tovstik. Vest. LGU 21 no. 13:77-82 '66.
- SURFACES**
Geometry of the Möbius band and differential equations. V. R. Petukhov. Izv. vyz. ucheb. zav. i mat. no. 4:74-76 '66.
Rigidity of surfaces of positive external curvature with an edge in Riemann space. V. T. Umenko. Sib. mat. zhur. 7 no. 4:960-962 JI-Ag '66.
- SURFACES (TECHNOLOGY)**
Using aluminum to improve surfaces of alloyed steel castings. I. A. G. Orhanskii and others. Trudy Ural. politekh. inst. no. 145:53-56 '65.
- SURFACES (TECHNOLOGY)—CLEANING**
Poplov, L. A. [Physicochemical principles of ultrasonic cleaning] Fiziko-khimicheskie osnovy ultrazvukovoi ochistki. Leningrad, 1966. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Progressivnye metody obrabotki materialov)
- SURFACES, REPRESENTATION OF**
Integral representation of the absolute mean integral curvature of a polyhedral surface and the inferences to be drawn from it. I. A. Danilech. Sib. mat. zhur. 7 no. 4:954-959 JI-Ag '66.
- SURGERY—BIBLIOGRAPHY** see Bibliography—Surgery
- SURGERY—COMPLICATIONS AND SEQUELAE**
Evaluation of late results of gastroenterostomy in peptic ulcer; formation of peptic ulcers 25 and 28 years after application of gastrointestinal anastomosis. I. N. Rybushkin, V. D. Federov, V. A. Agechev. Khirurgiya 42 no. 6:25-29 Ju '66.
Failure of sutures of duodenal stump following resection of stomach for ulcerous hemorrhages. A. G. Sutugin, V. B. Rumiantsev, N. S. Uteshev. Khirurgiya 42 no. 6:29-38 Ju '66.

- SURGICAL AND TOPOGRAPHICAL ANATOMY** see Anatomy, Surgical and topographical
- SURGICAL OPERATIONS** see Operations, Surgical
- SURGICAL PLASTER CASTS** see Plaster casts, Surgical
- SURKHAN DARYA VALLEY—MICE**
Distribution of murine rodents in Surkhan Darya basin. M. M. Mukhamedkulov. Zool. zhur. 45 no. 7:1111-1112 '66.
- SURVEYING**
Accuracy of the adjustment of points using the closed triangle method. V. I. A. Lashin. Trudy NIIGAik 18 no. 1:77-80 '64.
Determining horizontal displacements of hydraulic structures using the method of alignment parts. I. E. Donakikh. Trudy NIIGAik 18 no. 1:71-76 '64.
Determining the coordinates of points of high objects by vertical intersection. M. P. Platinskaya. Trudy NIIGAik 18 no. 1:85-92 '64.
- Novosibirsk. Institut inzhenerov geodezii, aerofoto"emki i kartografi.** [Summary of lectures on geodesy for first year students of all specialties of Novosibirsk Institute of Engineers of Geodesy, Aerial Photography, and Cartography] Konspekt lektsii po geodesii dlia studentov pervogo kursa vseh spetsial'nostei Novosibirskogo instituta inzhenerov geodezii, aerofoto"emki i kartografi. Novosibirsk.
No. 1. [General information] Obshchie svedeniia. 1965. 44 p.
No. 3. [Telemeters] Dal'nomyer. 1965. 20 p.
No. 4. [Surveying geodesic basis of topographic surveys] S"emochnoe geodezicheskoe oboznamenie topograficheskikh s"emok. 1965. 37 p.
- SUSAC ISLAND—GEOLOGY STRATIGRAPHIC**
Stratigraphy of loess of Susac Island in northern part of Adriatic Sea. J. Markovic-Marjanovic. Blul. Kom. chetv. per. no. 31:32-41 '66.
- SUSAC ISLAND—LOESS**
Stratigraphy of loess of Susac Island in northern part of Adriatic Sea. J. Markovic-Marjanovic. Blul. Kom. chetv. per. no. 31:32-41 '66.
- SUSPENSIONS (CHEMISTRY)**
Effect of hydrothermal treatment on structure-forming processes in mineralized hydromicula dispersions. S. P. Nychyporenko, H. R. Vahner, M. M. Kruliyts'kyl. Dop. AN USSR no. 7:902-905 '66.
Explosiveness of suspensions of zirconium and its alloys. V. G. Ioffe, Fiz. gor. i vzryva no. 1:127-118 '66.
New features of complete rheological curves of thixotropic cross-linked clay suspensions (complete rheological cycle). S. I. Zhukhovitskii. Dokl. AN SSSR 168 no. 6:1346-1349 Je '66.
Stability of ferromagnetic dispersed sols. E. E. Bibik, I. S. Lavrov. Koll. zhur. 28 no. 3:326-327 My-Je '66.
- SUSPENSIONS (CHEMISTRY)—DENSITY**
Causes of the lack of conformity between the actual density of separation and the density of the mineral suspension in the process of coal preparation. A. I. Ol'fert. Koks i khim. no. 6:13-15 '66.
- SUTURES**
Failure of sutures of duodenal stump following resection of stomach for ulcerous hemorrhages. A. G. Sutugin, V. B. Rumiantsev, N. S. Uteshev. Khirurgiya 42 no. 6: 29-36 Je '66.
- SUZAKSKAYA DEPRESSION—GEOLOGY, STRUCTURAL**
New data on the structure and local folds of the Suzakskaya Depression. N. I. A. Xudin, V. I. Luk-Zil'berman. Netegaz. geol. i geofiz. no. 6:38-41 '66.
- SVERDLOVSK—GUIDEBOOKS**
[Streets of Sverdlovsk; guidebook] Ullay Sverdlovsk, spravochnik. Izd. 2, dop. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 215 p. fold map (insert)
- SVERDLOVSK—LAW—STUDY AND TEACHING**
First-class diploma. B. Shagulin. Sots. zakon. no. 5: 68-69 Je '66.
- SVERDLOVSK PROVINCE—SOCIAL GROUP WORK**
How our cities help our rural regions. S. Myznikov, M. Repin. Part. zhizn' no. 16:57-63 Ag '66.
- SWALLOWING** see Deglutition
- SWAMPS** see subdivision under Yakutia
- SWEDEN—LUMBER—DRYING**
Drying lumber in Sweden. P. S. Sergovskii. Der. prom. 15 no. 8:28-31 Ag '66.
- SWIMMING**
Be cautious in water. I. Mallarenko. Voen. znan. 42 no. 8:43 Ag '66.
A skill of vital necessity. N. Butovich. Voen. znan. 42 no. 7:44-45 Ji '66.
- SWIMMING—PHYSIOLOGICAL EFFECT**
Mechanism of the effect of the "swimming test" on the resistance of mice to the decrease of partial oxygen pressure in the surrounding medium. T. S. Sulakvelidze, L. G. Khegaturava. Sbor. nauch. trud. SOGMI no. 11:86-92 '64.
- SWINE—FEEDING AND FEEDS**
(see also subdivision under White Russia)
Comparative effectiveness of some new iron compounds in raising young pigs. D. P. Ivanov and others. Vestsi AN BSSR. Ser. sel'hap. nav. no. 2:123-128 '66.
Determining the requirements of weaned pigs for methionine. I. U. N. Gradusov, A. V. Mikhlin. Khim. v sel'khoz. 4 no. 6: 40-42 Je '66.
Effect of methionine and vitamin B₁₂ on the development of young pigs. V. K. Plotnikov, R. D. Tikhonova. Khim. v sel'khoz. 4 no. 6: 44-45 Je '66.
- SWINE BREEDING**
Inheritance of fattening qualities by swine in remote hybridization. P. A. Es'kov, V. A. Li. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:32-35 Ji '66.
- SWINE HOUSES AND EQUIPMENT—HEATING AND VENTILATION**
Comparative effectiveness of the ventilating equipment for brood sow pigsties. A. I. Babashynskii, I. V. Kharshkevich, L. I. Pintrouskaya. Vestsi AN BSSR. Ser. sel'hap. nav. no. 2:129-132 '66.
- SWITCHING CIRCUITS**
Blok, A. Sh. [Synthesis of switching circuits] Sintez pereklyuchatel'nykh skhem. Minsk, Nauka i tekhnika, 1966. 197 p.
Construction of tests for logical circuits consisting of single-function elements. B. B. Bulunov, S. M. Domanskii, V. M. Ozernoi. Izv. AN SSSR, Tekh. kib. no. 2: 88-93 Mr-Apr '66.
Treatment of the control information of single-cycle switching circuits based on the solution of the equations of the algebra of logic. V. V. Kudryavtsev. Izv. AN SSSR, Tekh. kib. no. 2:69-71 Mr-Apr '66.
- SWORDFISH**
Structure of scale cover in Xiphiidae (Scombroidei, Pisces). V. V. Ovchinnikov. Nauch. dokl. vya. shkoly; biol. nauki 9 no. 3:32-35 '66.
- SYLLOGISM**
Conclusion forming as a problem of the logic of scientific knowledge. A. I. Uemov. Vop. filos. 20 no. 7:88-95 '66.
- SYMBOLIC AND MATHEMATICAL LOGIC** see Logic, Symbolic and mathematical
- SYMPATHETIC NERVOUS SYSTEM** see Nervous system, Sympathetic
- SYMPATHOMIMETIC AGENTS**
Catechol amine content in central nervous system and adrenal glands of rats subjected to neutron and X-ray irradiation. V. B. Satsukevich. Dokl. AN BSSR 10 no. 7:596-598 Ji '66.
Study of functional state of central adrenergic and cholinergic structures in various stages of schizophrenia. G. V. Morozov, I. P. Anokhina. Zhur. nev. i psikh. 88 no. 8:1219-1227 '66.
Study of the antagonism of adrenergic substances and MAO-vetrazine inhibitor as related to aminazin in experiments with Paramoecium caudatum Ehrbg. A. V. Stanishevskaya, L. G. Rodina. Nauch. dokl. vya. shkoly; biol. nauki 9 no. 3:56-58 '66.
- SYNAPSES**
Inhibition of synaptic processes in motoneurons in rhythmic visceromotor stimulations. P. Duda, P. G. Kostluk, N. N. Prokhorovskii. Blul. eksp. biol. i med. 62 no. 7:3-8 Ji '66.
- SYNCHRONOUS ELECTRIC MACHINERY** see Electric machinery, Synchronous
- SYNCHRONOUS ELECTRIC MOTORS** see Electric motors, Synchronous
- SYNCHROTRON**
Composition and spatial distribution of radiation around the building housing a 10 Gev. proton synchrotron. V. N. Lchedev. Atom. energ. 21 no. 1:44-45 Ji '66.
- SYNOVIAL MEMBRANES**
Experience with 60 synovectomies of the knee joint in infectious nonspecific polyarthritis. V. P. Pavlov. Ortop., travm. i protez. 27 no. 7:46-50 Ji '66.
- SYNTHETIC FABRICS—STANDARDS**
Standard for capron cord fabric should be reviewed. E. F. Fedorova, N. A. Novikov, V. N. Poletaev. Stand. i kach. 30 no. 3:90-91 Mr '66.
- SYNTHETIC PRODUCTS**
Burns, J., and others. [Synthetic glues] Sinteticheskie klei. Riga, Liesma, 1965. 88 p. [In Latvian]
Work of All-Union Scientific Research Institute for Organization and Mechanization of Coal Mines and Mining on using synthetic materials. G. P. Kakulin, P. I. Muchnik. Shkhit. stroi. no. 7:28 Ji '66.
- SYNTHETIC RUBBER** see Rubber, Synthetic
- SYNTHETIC TEXTILE FIBERS** see Textile fibers, Synthetic
- SYPHILIS—DIAGNOSIS**
Errors in the diagnosis of syphilis in surgical practice. L. M. Toporovskii, L. M. Ovsiannikov, A. I. Pastovaia. Sov. med. 20 no. 5:132-135 My '66.
Treponema pallidum immobilization test in oncological diseases. S. G. Alieva, T. Kh. Khasanov, Lab. delo no. 5:464-467 '66.
- SYRIA—DESCRIPTION AND TRAVEL**
Again in Syria. Jacques Coubeard. Az. i Afr. seg. 10 no. 6:57-59 Ag '66.
- SYRIA—POLITICS AND GOVERNMENT**
A conspiracy of political adventurers in Syria. M. Kremnev. Nov. vrem. 24 no. 38:20 S '66.
- SYSTEMS (CHEMISTRY)**
Carbon behavior in systems of the type metal - liquid lithium - carbon. N. M. Beskorovainyi, V. K. Ivanov, M. T. Zuev. Met. i metalloved. chist. met. no. 5:130-150 '66.
Method of curvilinear base layers for the preparation of complete alloy systems of variable composition by the S. A. Vekshinskii method. L. S. Palatnik, O. M. Ignat'eva. Fiz. met. i metalloved. 21 no. 5:700-703 My '66.
New compounds with the W₂Cr₂C₆ type structure in some ternary systems involving cobalt. I. U. Voroshilov, I. B. Kuz'ma. Izv. AN SSSR, Neorg. mat. 2 no. 4:764-765 Ap '66.
State of investigations of the systems La₂O₃ - ZrO₂, GeO₂ - ZrO₂, and Nd₂O₃ - ZrO₂. A. I. Leonov, F. X. Keler, A. B. Andreeva. Izv. AN SSSR, Neorg. mat. 2 no. 6:1047-1054 Je '66.
Structure and certain properties of alloys by sections of TiC - VC_{0.90}, TiC - V₂C, TiC - V in the region TiC - VC_{0.90} - C in the ternary system Ti-V-C. L. A. Trifachenko, V. N. Ereminenko. Porosh. met. 8 no. 7:84-88 Ji '66.
Study of the system Bi₂Se₃ - Sb₂Se₃. - N. M. Bondar. Izv. AN SSSR, Neorg. mat. 2 no. 6:1144-1147 Je '66.
Study of the ternary system NaF-KF-HF₄. I. M. Shetko, H. O. Bukhalova, V. T. Mal'tsev. Dop. AN USSR no. 7:917-919 '66.
Subsolidus structure of the systems CaO - MgO - Cr₂O₃, Al₂O₃ - CaO - MgO - Cr₂O₃ - SiO₂, and CaO - Cr₂O₃ - Al₂O₃ - SiO₂. A. S. Bereznoi, N. V. Gul'ko. Dokl. AN SSSR 168 no. 3:830-833 Ji '66.
System BaO - ZrO₂ - SiO₂ at subsolidus temperatures. V. G. Chukhlantsev, I. U. Galkin. Dokl. AN SSSR 168 no. 3:645-647 Ji '66.
- SYSTEMS (CHEMISTRY)—THERMODYNAMICS**
Thermodynamics of electrokinetic phenomena. Part 1. I. Gyarmati, J. Sander. Koll. zhur. 28 no. 3:366-372 My-Je '66.
- SYSTEMS ENGINEERING**
Random search in the presence of noise. L. S. Gurin. Izv. AN SSSR, Tekh. kib. no. 3:38-45 My-Je '66.
- THAM—THERAPEUTIC USE**
Use of THAM in the control of acidosis in terminal states caused by the loss of blood. V. A. Negovskii, I. E. Trubina. Ortop., travm. i protez. 27 no. 5:36-35 My '66.
- TABLES**
Manufacture of table parts from groundwood waste. T. I. A. Samus' and others. Lis. pap. i der. prom. no. 3: 22-25 My-Je '66.
- TABLETS (MEDICINE)**
Study of the conditions for tableting medicinal forms with plant extracts. D. V. Proshulina. Farmats. zhur. 20[1, 6, 21] no. 4:54-61 '66.

- TABLETS (MEDICINE) (Continued)**
Use of cellulose acetophthalate for the cover of tablets dissolving in intestinal juice. IU, B. Borysenko, R. M. Safulin, S. A. Nosovskaya, Farmatsev. zhur. 21 no. 3:36-40 '66.
- TACHISTOSCOPE**
Electronic tachistoscope. D. G. Elkin, A. A. Nikolaev. Vop. psikh. 12 no. 3:179-180 My-Je '66.
- TAIGAS** see subdivision under Poyma Valley
- TAILINGS (METALLURGY)**
(see also subdivision under Uzbekistan)
Reagent conditions of flotation of tailings from magnetic separation at Central Mineral and Ore Dressing Combine. F. N. Belash, O. V. Pugina. Obog. rud. 11 no. 2: 26-27 '66.
- TAJK DEPRESSION—GAS, NATURAL—GEOLOGY**
Genetic nature and characteristics of the change in initial reservoir pressures in the Tajik Depression. S. Talipov. Neftegaz. geol. i geofiz. no. 6: 18-22 '66.
- TAJK DEPRESSION—MINERALS**
Genetic relationship of detrital and clay minerals in the Lower Cretaceous sediments of the Tajik Depression. Sh. Babayev. Dokl. AN SSSR 168 no. 5:1156-1161 Je '66.
- TAJK DEPRESSION—NUMMULITES**
First find of Paleocene and Lower Eocene nummulites in the Tajik Depression. N. M. Barkhatova, R. M. Davidson. Dokl. AN SSSR 169 no. 3:549-551 Ji '66.
- TAJK DEPRESSION—PETROLEUM GEOLOGY**
Genetic nature and characteristics of the change in initial reservoir pressures in the Tajik Depression. S. Talipov. Neftegaz. geol. i geofiz. no. 6: 18-22 '66.
- TAJKISTAN—FLUORSPAR**
Role of tectonic structures in the formation of optical fluorite deposits in carbonate rocks. A. I. Suderkin. Trudy VNIIP [MS] 7:171-176 '62.
- TAJKISTAN—GEOLOGY, STRUCTURAL**
Role of tectonic structures in the formation of optical fluorite deposits in carbonate rocks. A. I. Suderkin. Trudy VNIIP [MS] 7:171-176 '62.
- TAJKISTAN—LEPTOSPIROSES**
Natural leptospirosis foci in southwestern Tajikistan. V. V. Anan'in and others. Zool. zhur. 45 no. 7: 1090-1092 '66.
- TAJKISTAN—PALYGORSKITE—ANALYSIS**
Diagnostics of palygorskite. N. I. A. Drobnina, S. M. Ushupova. Dokl. AN Tadzh. SSR 9 no. 6:23-27 '66.
- TAJKISTAN—SOIL MOISTURE**
Moisture circulation within soil of central Tajikistan and some problems of their improvement. E. N. Blagoveshchenskii. Dokl. AN Tadzh. SSR 9 no. 6:28-34 '66.
- TAJKISTAN—VIEWS**
Under the sun of Soviet Tajikistan. Sov. profsoyuz 22 no. 14:28-30 Ji '66.
- TALLINN—CLOTHING WORKERS—DISEASES AND HYGIENE**
Good morning! How do you feel? Laine Raldera. Sov. profsoyuz 22 no. 14:34-35 Ji '66.
- TALLINN—MILITARY EDUCATION**
Side by side with heroes. M. Lebedev. Voen. znani. 42 no. 7:35 Ji '66.
- TALYSH MOUNTAINS—GRAPES—DISEASES AND PESTS**
Mycoflora of Vitis silvestris Gmel. in the Talysk. S. A. Dzhafarov. Trudy Inst. bot. AN Azerb. SSR 24:15-14 '64.
- TANGANYIKA—LANGUAGES—STUDY AND TEACHING**
Languages and general linguistics at Dar-es-Salaam University College. A. A. Zhukov. Nar. Az. i Afr. no. 4:262-263 '66.
- TANK VESSELS—HYDRODYNAMICS**
Effect of liquid in partially filled compartments on the elastic vertical oscillations of the ship. A. M. Melnikov. Trudy TSNIIM no. 72: 124-131 '66.
- TANKS** see subdivision under Germany, East
- TANNINS**
Biochemistry of Ephedra. L. K. Klychev, L. S. Allukina. Trudy Inst. bot. AN Kazakh. SSR 22:33-72 '66.
- TANNU-TUVA** see Tuva A. S. S. R.
- TANTALUM**
Thermal diffusion interaction of tantalum with boron carbide powder in a vacuum. G. A. Meerson and others. Izv. AN SSSR. Neorg. nat. 2 no. 4:804-807 Ap '66.
- TANTALUM—PHYSIOLOGICAL EFFECT**
Reaction of the muscular, medullary and osseous tissues to the implantation of tantalum. V. P. Trubnikov. Ortop. travmatol. protez. 27 no. 7:41-46 Ji '66.
- TANZANIA—DESCRIPTION AND TRAVEL**
Everyday Zanzibar. V. Sidenko. Az. i Afr. seg. 10 no. 8:36-37, 59 Ag '66.
- TANZANIA—POLITICS AND GOVERNMENT**
Political parties of Tanzania. V. Kataman. Mir. ekon. i mezhdunar. otn. no. 7:141-144 '66.
- TAPE AND WIRE RECORDERS AND RECORDING** see Magnetic recorders and recording
- TAPE RECORDINGS** see subdivision under Kiev
- TAR**
Means for utilizing acid tar from production of SN-3 and SK-3 additives. A. M. Kuliev and others. Azerb. nef. khoz. 45 no. 8:39-41 Ag '66.
- TAR ACIDS—TOXICOLOGY**
Bactericidal activity of acid tar in some micro-organisms. T. M. Melbailev. Zbur. mikrobiol., epid. i immunit. 43 no. 8:145 Ag '66.
- TASHKENT—CABLE INDUSTRY—TAXATION**
In the interest of the budget. A. Kagramanov. Fin. SSSR 40 no. 9:71-72 Ag '66.
- TATAR A. S. S. R.—GEOLOGY, STRATIGRAPHIC**
Kazan stage in the southern part of Tatarstan and the northern part of Ulyanovsk Province. F. S. Mal'kovskii. Dokl. AN SSSR 169 no. 1:166-161 Ji '66.
- TATAR A. S. S. R.—OIL WELL CEMENTING**
Effect of hole clearance on the quality of casing cementing. S. M. Akhmedov and others. Burenie no. 7:15-16 '66.
Method for determining the permissible washing of wells. A. A. Rodkin, I. G. Rubanov, E. K. Akhmetzhanov. Burenie no. 7:29-32 '66.
- TATAR A. S. S. R.—OIL WELL LOGGING, RADIATION**
Experience in using the gamma-gamma logging method for determining the liquid level and water-oil interface in oil wells. D. A. Shapiro, R. Sh. Khadriddinov. Nefteprom. delo no. 7:33-34 '66.
- TATAR A. S. S. R.—OIL WELLS**
Fluid for killing and flushing intake wells under conditions of high formation pressures. V. M. Pantsev, G. H. Konov. Nefteprom. delo no. 7:20-21 '66.
- TATAR A. S. S. R.—PETROLEUM GEOLOGY**
Lukashin, P. M., M. O. Kanaronskii, and V. P. Smirnov. [Work organization in deep exploratory boring; work experience of the "Tatneftgazrazvedka" Trust] Organizatsiya rabot po glubokomu razvedochnomu burenii; opyt raboty trusta Tatneftgazrazvedka. Moskva, Nedra, 1966. 147 p.
- TATAR A. S. S. R.—PETROLEUM WAX**
Intensity and character of paraffin deposition in partially cased well tubings. B. M. Suchkov, A. D. Golikov. Nefteprom. delo no. 5:14-17 '66.
- TATAR A. S. S. R.—SOCIAL CONDITIONS**
[Tataria on the road to communism] Tataria na puti k kommunizmu. [Kazan'] Tatarskoe knizhnoe izd-vo, 1965. 322 p.
- TATAR A. S. S. R.—WATER, UNDERGROUND**
New source of injection water. A. N. Kollada. Neft, khoz. 44 no. 6:49-50 Je '66.
- TATAR LITERATURE—HISTORY AND CRITICISM**
Akademiya nauk SSSR. Kazanskii filial. Institut iazyka, literatury i istorii. [Tatar literature of early 20th century; sketches. Tatarskaya literatura nachala XX veka; ocherki. Kazan', Tatarskoe knizhnoe izd-vo, 1964. 384 p. [In Tatar] (ICRI)]
- TAX COLLECTION** see subdivision under Kansas
- TAXATION** see subdivision under European Economic Community countries
- TAYMYR PENINSULA—CORALS, FOSSIL**
Lower and Middle Devonian Tabulata of central part of Taymyr Peninsula. M. A. Smirnova. Uch. zap. NIIGA. Ser. "Paleont. i biostr." no. 7:40-45 '65.
New species of Cyrtophyllum from Upper Ordovician of Taymyr Peninsula. M. S. Zhizhina. Uch. zap. NIIGA. Ser. "Paleont. i biostr." no. 7:37-39 '65.
- TEA**
(see also subdivision under Georgia)
Genesis of the vegetative tea buds and phases of their development. I. G. Kerkadze. Subtrop. kul't. no. 1:86-103 '66.
Mulch of pruning materials left in interrows and its effect on the development of the root system, crown growth, and yield of tea. S. Kh. Pirtkhalashvili, E. V. Treitskaia. Subtrop. kul't. no. 1:74-84 '66.
- TEA—FERTILIZERS AND MANURES**
Effectiveness of boron-magnesium fertilizers in a continuously fertilized tea plantation. I. D. Gotskhalde, K. H. Talakvadze. Subtrop. kul't. no. 1:85-87 '66.
- TEACHERS**
My teacher's role in my life (continuation). L. Khokhlov. Nar. obr. no. 8:74-79 Ag '66.
Spiritual riches. S. Shipovskii. Nar. obr. no. 8:39-43 Ag '66.
- TEACHERS, RATING OF**
Teacher's mental state and tact. I. V. Strakhov. Vop. psikh. 12 no. 3:153-164 My-Je '66.
- TEACHERS, TRAINING OF**
(see also subdivision under Rostov-on-Don; Voronezh)
In the Central Institute of the Training of Teachers. V. Serov. Nar. obr. no. 8:122-123 Ag '66.
Taking into account increased requirements. A. Cherginets. Komm. Vooruzh. Sil 47 no. 13:56-58 Ji '66.
- TEACHING**
Danilova, M. A., ed. [Classwork in eight-year schools] Urok v vos'miletnei shkole. Moskva, Prosveshchenie, 1966. 240 p.
[Pedagogy and public education abroad; abstracts] Pedagog. i nar. obr. v zarub. stran. no. 1 '63; no. 4 '64; no. 3/4 '65, cover '66.
- TEACHING MACHINES**
Blauz, A. [MA-IV training automaton; description and application methods. Translated from Latvian] Uchebnyi avtomat MA-IV; opisaniye i metody primeneniya. Riga, Rikhsdidi polietekhn. in-t, 1960. 30 p.
- TECHNICAL ASSISTANCE, RUSSIAN** see subdivision under Afghanistan
- TECHNICAL CHEMISTRY** see Chemistry, Technical
- TECHNICAL LIBRARIES**
(see also subdivision under Caucasus, Northern; Dnepropetrovsk; Daleper Economic Region; Kaliningrad Province; Kuznetsk Basin Economic Region; Latvia; Moscow Province; Riga)
Brief news. Tekh. bibliot. SSSR no. 7:74-76 '66.
Procedure in preparation and publication of methodological advice on complex problems in classification of technical literature. Tekh. bibliot. SSSR no. 7:52-53 '66.
Public inspection of libraries and their competition are efficient ways to improve their work. Tekh. bibliot. SSSR no. 7:34-44 '65.
Some results and prospects. M. V. Ervita. Tekh. bibliot. SSSR no. 7:9-13 '65.
- TECHNICAL SOCIETIES**
(see also subdivision under Novosibirsk Province; Volgograd Province)
Frankly speaking. P. Volodin. NTO 6 no. 6:28-27 Je '66.
- TECHNOLOGICAL INNOVATIONS**
(see also subdivision under Armenia; Bukovina; Gorky Province)
Advertising board. Izobr. i rate. no. 6:14-16 Je '66.
Authors' certificates and patent licenses. Tekh. i org. protzv no. 1:99-101 Ja-F '66.
Dorlov, A. L. [Organizations of the All-Union Society of Inventors and Innovators are fighters for the technological creativity of the masses] Organizatsii VOIR - borbya za massovoe tekhnicheskoe tvorchestvo. [Moskva] Profizdat, 1964. 60 p. [Biblioteka profsoyuznogo aktivista] (NIC)
Brief news. Vop. izobr. no. 5:44 My '66.
Brybov, A. L., M. M. Golikov, and N. A. Nazarova. [Always the search] Vsegda - poisk. [Murmansk] Murmanskoe knizhnoe izd-vo, 1965. 56 p.
Conceived and achieved. Izobr. i rate. no. 6:32-33 Je '66.
Five-year plan of innovators. Izobr. i rate. no. 6:2-3 Je '66.
In competition for the quality sign. NTO 8 no. 8:16-17 Je '66.
In the U. S. S. R. Prom. Arm. 9 no. 5: 66-68 My '66.
Interesting news in branch periodicals. NTO 8 no. 8:48-50 Je '66.
Notebook of the technologist of "Izobretatel" i ratsionnizator. Izobr. i rate. no. 6:34-35 Je '66.
Result is the evaluation of creative activity. NTO 8 no. 6:44-45 Je '66.
Russia (1923-1933) U. S. S. R. Komitet po delam izobretenii i otkrytiy. [Collection of legislative enactments and decrees on inventions and technological innovations] Sbornik zakonodatel'nykh aktov i postanovlenii po izobreteniyam i ratsionalizatsii. Izd. 3, 1939. 1 dop. Moskva, Tekhiz, 1965. 310 p.
Science and technology; brief notes. NTO 6 no. 6:43 Je '66.
Some working methods of the patent service of a plant. G. A. Khodov, L. D. Shulinkova. Vop. izobr. no. 5:34-36 My '66.
Who will exclaim "Eureka?" Izobr. i rate. no. 6:10 Je '66.

TECHNOLOGICAL INNOVATIONS--ABSTRACTS

Moscow, Nauchno-issledovatel'skii institut informatsii po stroitel'nomu, dorozhnomu i kommunal'nomu mashinostroeniю. [Collection of abstracts of descriptions of inventions recommended for introduction into national economy of U.S.S.R.] Referativnyi sbornik opisanii izobretenii, rekomendovannykh dlia vnedreniia v narodnoe khoziaistvo SSSR. Moskva, 1966. 82 p. (Seria IV: Mekhanizirovannyye instrumenty i otlochnyye mashiny)

TECHNOLOGICAL INNOVATIONS--COSTS see subdivision under Armenia

TECHNOLOGY--INFORMATION SERVICES

(see also subdivision under Armenia)

Rokitskaia, E.E. [Basic sources of information on the achieved technical level of industrial production] Osnovnye istochniki informatsii o dostignutom tekhnicheskoi urovn promyshlennoi produktii. Leningrad, 1966. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seria: Pereodnyi opyt organizatsii nauchno-tekhnicheskoi propagandy i informatsii)

TELECOMMUNICATION--ABSTRACTS

[Radio engineering and telecommunication] Ref. zhur.: Radiotekh. i elektrosviaz' no. 6 Je '66.

TELEMETERING

Composite angle-code converter. A.V. Novikov. Mekh. i avtom. upr. no. 3:37-39 My-Je '66.

Karamov, Z.S., and A.F. Fomin. [Elements and units of analog radiotelemetering systems] Elementy i uzly analogovykh radiotelemetricheskikh sistem. Moskva, Energiia, 1966. 352 p.

TELEPHONE LINES

Kharkevich, A.D. [Calculation of number of connecting devices in case of inaccessible connections] Raschet chisla soedinitel'nykh ustroystv pri nepolnodostupnykh vklucheniakh. Moskva, Red.-izd. otel VZEIS, 1964. 39 p.

[MICROFILM]

Kharkevich, A.D. [Integral telephone network using pulse code modulation] Integral'naya telefonnaya set' s primeneniem IKM. Moskva, Red.-izd. otel VZEIS, 1965. 27 p.

Serikov, A.G., P.A. Polonskii, and E.S. Savenkova. [Linear structures of municipal telephone networks] Lineinye sooruzheniia gorodskikh telefonnykh setei. Moskva, Vysshiaia shkola, 1966. 310 p.

TELEVISION

Some remarks on the program. T. Sterkin. Sov. radio i tel. 12 no. 10:30-31 O '63.

TELEVISION--AMATEURS' MANUALS

Batmanov, G.V. [For Tambov television watchers] Tambovskim teletsitellam. [Tambov] Tambovskoe knizhnoe izd-vo, 1963. 62 p.

TELEVISION--CONGRESSES

Forum of 116. Sov. radio i tel. 12 no. 10:1-3 O '63.

TELEVISION--HANDBOOKS, MANUALS, ETC.

Alekseev, K.A. [Television watcher's handbook] Spravochnik teletsitella. Kiev, Naukova dumka, 1966. 255 p.

TELEVISION--PRODUCTION AND DIRECTION

Approaches to stage direction. V. Gorlov. Sov. radio i tel. 12 no. 10:21-22 O '63.

Without the future there is no present. A. Rokhlin. Sov. radio i tel. 12 no. 10:23-24 O '63.

TELEVISION--STAGE SETTING AND SCENERY

Finishing the walls of the stage scenery. M. Abramian. Sov. radio i tel. 12 no. 10:38-40 O '63.

TELEVISION BROADCASTING

(see also subdivision under Perm)

Strizhevskii, N.Z. [Correction to arbitrary linear distortions in television broadcasting channels] Korrektsiia proizvol'nykh lineinykh iskazhenii v traktakh televizionnogo veshchaniia. Moskva, Sviaz', 1966. 77 p. (Novoe v tekhnike aviatsii)

Without barriers and distances. K.I.A. Sergeichuk. Izobr. i rats. no. 6:4-5 Je '66.

TELEVISION BROADCASTING OF NEWS see subdivision under White Russia

TELEVISION PLAYS

Approaches to stage direction. V. Gorlov. Sov. radio i tel. 12 no. 10:21-22 O '63.

TELLURIUM ALLOYS--ELECTRIC PROPERTIES

Structure of semiconducting alloys Ag Te - Ga Te. L.S. Palatnik, E.K. Belova, Izv. AN SSSR, Neorg. mat. 2 no. 6:1025-1030 Je '66.

TEMPERATURE--EFFECT ON METAL CRYSTALS see Metal crystals, Effect of temperature on

TEMPERATURE--EFFECT ON METALS see Metals, Effect of temperature on

TEMPERATURE--EFFECT ON PLANTS see Plants, Effect of temperature on

TEMPERATURE--EFFECT ON POROUS MATERIALS see Porous materials, Effect of temperature on

TEMPERATURE--MEASUREMENT

Devices without slide wires for measuring temperature differences. L.I. Bozhenko, E.M. Gushpary, Mekh. i avtom. upr. no. 3:42-44 My-Je '66.

Specialized transducers for studying heat transfer in electric machinery and apparatus. G.G. Schastilov, V.N. Nikolskii, G.M. Fedorenko. Energ. i elek. no. 3:34-35 My-Je '66.

TEMPERATURE--PHYSIOLOGICAL EFFECT

Changes in fat and water amount in Chinese tussah moth pupae as related to photothermal conditions. I.M. Zolotovskii. Dop. AN URSR no. 7:955-958 '66.

Effect of supraoptimal temperature on the dissociation of some types of micro-organisms. I.U. V. Kulash. Biol. eksp. biol. i med. 62 no. 7:79-81 Ji '66.

Effect of temperature on the reparation processes of irradiated pea chromosomes. P.D. Usmanov. Genetika no. 4:105-113 Ap '66.

Relationship between thermostability levels of various proteins in the same species of a series of polkilotherm animals. B.P. Ushakov and others. TShtologiya 8 no. 3:359-364 My-Je '66.

Seasonal changes in the thermostability of spermatozooids in Rana temporaria. G.M. Volman. TShtologiya 8 no. 3:396-401 My-Je '66.

TEMPERATURE FIELDS

Belousov, A.I., and others. [Thermal phenomena and machinability of aircraft materials] Teplovye iavleniia i obrabatyvaemost' rezaniem aviatsionnykh materialov. Moskva, Mashinostroenie, 1966. 178 p. (Moscow. Aviatsonnyi tekhnologicheskii institut. Trudy, no. 84)

Studying metal temperature fields and block shapes with hollow sprays during precision casting. L.A. Shcheglovitov, G.M. Dubitskii. Trudy Ural. politekh. inst. no. 145:136-148 '65.

Temperature field at the surface of burning powder and the stability of combustion. A.A. Zenin and others. Dokl. AN SSSR 169 no. 3:619-621 Ji '66.

Zarubin, V.S. [Temperature fields in the structure of aircraft; methods of calculation] Temperaturnye polia v konstruktsii letatel'nykh apparatov; metody rascheta. Moskva, Mashinostroenie, 1966. 215 p.

TEMPERATURE REGULATORS

Automatic control of the thermal conditions of a gas-fired pig iron smelting furnace. I.U. V. Chuplygin, A.E. Erinov, A.P. Nektalov. Mekh. i avtom. upr. no. 3:13-15 My-Je '66.

Automatic temperature regulation in the vulcanizer during the repair. N.T. Golubnichii. Mekh. i avtom. proizv. 20 no. 7:32-33 Ji '66.

TENDONS--INJURIES AND RUPTURE

Late posttraumatic ruptures of the tendon of the extensor pollicis longus. R.D. Kharitonov. Ortop., travm. i protez. 27 no. 7:10-25 Ji '66.

TEREK DELTA--HUMUS

Characteristics of the humus composition of light chestnut soils in the Terek Delta. N.V. Stetsuk. Nauch. dokl. vys. shkoly: biol. nauki 9 no. 3:209-213 '66.

TEREPHTHALIC ACID

Optimal conditions for simultaneous biaxial orientation of polyethylene terephthalate film. G.V. Sagalov and others. Plast. massy no. 8:39-42 '66.

Temperature dependence on infrared spectra and conformation effects of polyethylene terephthalate macromolecules. T.N. Pilev. Dokl. AN SSSR 169 no. 3:620-629 Ji '66.

TERNOPOL' PROVINCE--COURTS

Important element of court and notarial work managed scientifically. D. Iurovskiy. Rad. pravo 20 no. 7: 88-89 Ji '66.

TERNOPOL' PROVINCE--LAW REPORTS, DIGESTS, ETC.

Important element of court and notarial work managed scientifically. D. Iurovskiy. Rad. pravo 20 no. 7: 8-89 Ji '66.

TERNOPOL' PROVINCE--NOTARIES

Important element of court and notarial work managed scientifically. D. Iurovskiy. Rad. pravo 20 no. 7: 88-89 Ji '66.

TERRESTRIAL ELECTRICITY see Earth currents

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TERRITORIAL WATERS see subdivision under Black Sea

TETANUS

Level of the activity of motoneurons of the spinal cord and changes in the RNA content of their cytoplasm in local tetanus. I.U. A. Gaidman, G.N. Kryzhanovskii, A.A. Polgar. Biol. eksp. biol. i med. 61 no. 4:27-31 Ap '66.

Morphological changes in the nervous system in tetanus. G.N. Tsybulskii, D.I. Smolodov. Biol. eksp. biol. i med. 61 no. 4:32-36 Ap '66.

Posttetanic potentiation of spinal reflexes following total transection of the spinal cord. E.A. Khudobin. Zhur. zhur. Arm. 19 no. 6:73-81 Je '66.

TETANUS--PREVENTIVE INOCULATION

Study of the effectiveness of a combined method of experimental tetanus prevention in monkeys. S.K. Kolov, E.K. Dzhidze, N.S. Kashtanova. Zhur. mikrobiol., epid. i immu. 43 no. 6:44-47 Ag '66.

TETRACAIN

Photocolorimetric method for quantitative determination of tetracaine. D.I. Rohovskiy. Farmatsiya, zhur. 21 no. 3:17-20 '66.

TETRACAIN--TOXICOLOGY

Differences in the pharmacotherapeutic effects of tetracaine and novocaine in diabetic poisoning in adult and juvenile mice. A.A. Zikov. Biol. eksp. biol. i med. 62 no. 3:44-47 Ji '66.

TETRACYCLINE

Volume methods for quantitative determining small doses of the tetracycline action. P.P. Suprun. Farmatsiya, zhur. 21 no. 3:31-36 '66.

TETRACYCLINE--THERAPEUTIC USE

Comparative evaluation of effectiveness of treatment of trachoma with tetracycline and dibromycin under Turkmenistan conditions. S.K. Karamov, A.T. Akasheva, E.V. Shakhova. Trudy Turk. nauch. tsentr. inst. 9:17-24 '66.

Dynamic of the changes in the antagonistic activity of intestinal bacteria in patients with dysenteric diseases on the method of tetracycline introduction. K.V. Klimov and others. Zhur. mikrobiol., epid. i immu. 43 no. 7:116-121 Ji '66.

Methodology of using 1% tetracycline ointment in treatment of trachoma. A.N. Afanaseva. Trudy Turk. nauch. tsentr. inst. 9:51-56 '66.

TETUKINE VALLEY--ORE DEPOSITS

Temperature conditions governing the formation of vanadium-lead-zinc deposits in the southern part of the Tetukine ore region. M.I. Efimova. Geol. i geofiz. 12:125-132 '66.

TEXTILE FABRICS--TESTING

Moscow, Tsentrallyi institut nauchno-tekhnicheskoi informatsii tekstil'noi promyshlennosti. [Properties of semi-wool combined dress fabrics] Svoystva polubovolnykh kombinirovannykh plat'evykh tkanei. Moskva, 1965. 30 p. (Obzor)

[Textile fabrics; testing methods] Tkani tekstil'nyye; metody ispytani. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 183 p. (SSSR. Gosudarstvennye standarty)

TEXTILE FACTORIES--HEATING AND VENTILATION see subdivision under Krasnodarskiy (Altai Territory)

TEXTILE FIBERS, SYNTHETIC

Appropriate structure of nonwoven fiber-bonded materials. V.B. Tikhomirov. Dokl. AN SSSR 169 no. 5:123-124 Je '66.

Interaction of nitron fiber with hydroxylamine chlorides. Sh.V. Pichkhadze, S.M. Sozhina. Soob. AN Gruz. SSR 43 no. 1:80-85 Ji '66.

TEXTILE FIBERS, SYNTHETIC--TECHNOLOGICAL INNOVATIONS see subdivision under Kirovskan

TEXTILE INDUSTRY--FINANCE see subdivision under Moscow Province

TEXTILE MACHINERY

Borisov, V.A., and others. [Laboratory manual on the mechanical technology of fibrous materials] Laboratornyi praktikum po mekhanicheskoi tekhnologii voloknistykh materialov. Moskva, Logika Industriia, 1965. 568 p.

TEXTILE MACHINERY INDUSTRY

Automatic production of combs and plates for textile machinery. S.S. Kostukovich, L.D. Eroseev, V.V. Sosidko. Mekh. i avtom. proizv. 20 no. 7:7-8 Ji '66.

THEATER

Old and new in theatrical art; a dialog on aesthetical subjects. A.L. Shtein. Vop. filos. 20 no. 7:132-132 '66.

Shchukin, B.V. [Articles, reminiscences, materials] stat'i, vospominaniia, materialy. Moskva, Iskustvo, 1965. 333 p. (NeU)

THEATERS see subdivision under Moscow

THEATERS—STAGE SETTING AND SCENERY see subdivision under Minsk

THEORY OF ERRORS see Errors, Theory of

THEORY OF GROUPS see Groups, Theory of

THEORY OF KNOWLEDGE see Knowledge, Theory of

THEORY OF MOON see Moon, Theory of

THEORY OF NUMBERS see Numbers, Theory of

THEORY OF POTENTIAL see Potential, Theory of

THEORY OF SIMILITUDE see Similitude, Theory of

THEORY OF STABILITY OF MOTION see Stability of motion, Theory of

THERAPEUTICS, PHYSIOLOGICAL

Physiotherapy in the compound treatment of fractures of the tubular bones. S.D. Grinbolm. Ortop., travm. i protez. 27 no. 7:30-34 JI '66.

THERMAL ANALYSIS

Interaction between sodium chloride and the chlorides of dysprosium and gadolinium. K.V. Orlov, V.G. Kozlov, N.G. Pospelova. Met. i metalloved. chist. met. no. 5: 73-76 '66.

Study of the ternary system NaF-KF-HfF₄. I.M. Sheiko, H.O. Bukhalova, V.T. Mal'tsev. Dop. AN URSSR no. 7:917-919 '66.

Studying the fusibility diagram of the system total rare-earth chlorides - sodium chloride. K.V. Orlov, V.G. Kozlov, N.G. Pospelova. Met. i metalloved. chist. met. no. 5:215-218 '66.

THERMAL PETROLEUM PRODUCTION see Petroleum production, Thermal

THERMAL STRESSES

Bright, stress-free hardening of steel parts in a 50% solution of caustic soda. V.B. Umanski. Sbor. rab. no. 11:125-137 '65.

Method of resistance compensation for strain gauges at increasing temperatures. L.A. Cherkosov, N.V. Skvortsova. Prikl. mekh. 2 no. 7:135-137 '66.

Studying stresses in rock blocks produced by heating their surface with commercial frequency currents. V.V. Sup-tella, Flz., tekhn. probl. razrab. pol. iskop. no. 3:49-55 '66.

Theorems on the relieving in the theory of minor elastoplastic deformations caused by an uneven heating. M.N. Shevchenko. Prikl. mekh. 2 no. 7:11-21 '66.

Thermal stresses in a cylinder and the selection of optimal heating conditions. A.A. Shevelov. Izv. vyz. ucheb. zav. tekhn. 0 no. 2:44-48 '66.

Thermal stresses in orthotropic plates under the action of distributed and concentrated heat sources. A.I. Usdalev. Mekh. tver. tela no. 3:160-163 My-Je '66.

THERMAL WATERS

Power systems arrangement for the utilization of thermal waters. O.A. Kremenev, V.IA. Zhuravlenko, A.V. Shurchkov. Energ. i elek. no. 3:45-47 My-Je '66.

THERMIONIC EMISSION

Production of thermions by means of emitters. M.S. Chupakhin, E.V. Bilikova, A.L. Poliakov. Dokl. AN SSSR 169 no. 2:328-331 JI '66.

THERMISTORS

Thermistors as elements of an electrical model. E.P. Grigorevskii. Energ. i elek. no. 3:33-34 My-Je '66.

THERMOCHEMISTRY

Certain regularities in the thermal decomposition of metal ferricyanides. G.B. Selter, Z.A. Makarova. Dokl. AN SSSR 169 no. 2:358-360 JI '66.

"Paste generates energy." B. Zubkov. Izobr. i rats. no. 8:10-11 Je '66.

THERMOCOUPLES

Experience in the continuous measurement of metal temperature in a 15-ton besselmer converter. V.S. Kocho and others. Izv. vyz. ucheb. zav.; Chern. met. 9 no. 7:60-64 '66.

THERMODYNAMICS

Thermodynamic analysis of models of inelastic continuum. V.N. Nikolaevskii. Mekh. tver. tela no. 3:163-166 My-Je '66.

THERMOMETRY

Fedchenko, I.K., and S.A. Sokolovskii. [Measurement of the temperature of an electric arc] Izmerenie temperatury elektricheskoi dugi. Kiev, Tekhnika, 1966. 153 p.

Possible method of measuring the inverse temperature of a medium. I. L. Bershtein. Izv. vyz. ucheb. zav.; radiofiz. 9 no. 4:835-836 '66.

Temperature measurement in a high-speed gas flow. B.S. Deichman. Trudy Ufim. av. inst. no. 2:23-32 '66.

THERMOPLASTICS—MOLDING

Thermoplastic properties of polyformaldehyde under conditions of injection molding. V.N. Grinblat, L.A. Gladysheva, V.V. Lapshin. Plast. massy no. 8:35-39 '66.

THIA DIAZOLE

Synthesis and study of β -chloroethylamine derivatives in the 1,3,4-thiadiazole series. A.M. Khalet'skiy, O.O. Tsurkan. Farmatsev. zhur. 20[1, 2] no. 4:18-22 '66.

THIA DIAZOLESULFONAMIDE—THERAPEUTIC USE

Treatment of glaucoma with fonaril. D.I. Artem'ev. Trudy Turk. nauch.-issl. trakh. inst. 0:160-166 '66.

THIAZOLIDINE

Hydrazides and hydrazines of the thiazolidine series. L.S. Frankovich. Farmatsev. zhur. 20[1, 2] no. 4:27-30 '66.

THICKNESS MEASUREMENT

Eddy current thickness measuring device for the thickness control of a hot sheet on medium-thick sheet mills. G.M. Kukhtevich and others. Trudy Dnepr. inst. cher. met. 10:180-184 '65.

THIOCYANATES

Interaction of thiocyanate complexes of uranyl with some neutral oxygen-containing ligands. R.N. Shchelokov, I.M. Shul'gina, I.I. Cherniaev. Dokl. AN SSSR 169 no. 6:1338-1341 Je '66.

THIOLS—PHYSIOLOGICAL EFFECT

Effect of unithiol on the electrocardiogram and some indices of the electrolyte metabolism in the treatment of manifestations caused by an overdose of cardiac glycosides. V.I. Masluk, L.P. Burmistrova, A.A. Pogorian. Sov. med. 29 no. 5:62-67 My '66.

THIRST

Significance of the drink stimulation and reception of the alimentary canal in the regulation of the rate of transition of hypertonic salt solutions from the stomach to the intestine. V.G. Kasseil. Dokl. AN SSSR 168 no. 5:1217-1220 Je '66.

THIXOTROPY

Thixotropic structuration in acrylate latexes. N.I. Sorata, L.V. Ivanova, P.I. Zubov. Koll. zhur. 28 no. 3:450-453 My-Je '66.

THORACIC DUCT

Participation of the spinal cord in the lumen regulation of the thoracic duct. I.A. Potapov. Izv. AN Kazakh. SSR. Ser. biol. 4 no. 3:82-85 My-Je '66.

THOUGHT AND THINKING

Some data on the electrical activity of the deep structures of the brain in the study of operative memory. N.P. Bekhtereva, A.I. Trokhachev. Vop. psikh. 12 no. 3:44-48 My-Je '66.

THROMBOPLASTIC SUBSTANCES

Method for the determination of thromboplastin activity of the blood. M.I. Mamikonian. Sbor. nauch. trud. SOGMI no. 11:76-78 '64.

Methodology for the determination of the thromboplastin complex of factors of blood coagulation. L.G. Khegaturova. Sbor. nauch. trud. SOGMI no. 11:83-85 '64.

THROMBOSIS

Primary metal osteosynthesis in open fracture of the humerus and thrombosis of the brachial artery. V.G. Gir'ko. Ortop., travm. i protez. 27 no. 7:66-69 JI '66.

THUNDERSTORMS

Kashprovskii, V.E. [Determining location of thunderstorms by radio engineering methods] Opredelenie mestopolozhenia groz radiotekhnicheskimi metodami. Moskva, Nauka, 1966. 247 p.

THYMIDINE

Incorporation of H³-thymidine into lymphoid elements of the thymus. S.I. Koval'chuk. TSitologiya 8 no. 3: 417-420 My-Je '66.

THYMUS GLAND

Incorporation of H³-thymidine into lymphoid elements of the thymus. S.I. Koval'chuk. TSitologiya 8 no. 3: 417-420 My-Je '66.

THYMUS GLAND—TRANSPLANTATION

Cultivation of the thymus of newborn mice in a diffusion chamber. E.A. Lurina. Biol. eksp. biol. i med. 61 no. 4:88-92 Ap '66.

THYROID GLAND

Content of some microelements in the thyroid gland of healthy cattle and in cattle with endemic goiter. I.G. Zamarin, L.I. Los', L.K. Piatnitskaya. Nauch. dokl. vyz. shkoly; biol. nauki 9 no. 3:76-79 '66.

Morphological changes in the thyroid gland following introduction of radioactive iodine. A.P. Kallina, V.A. Olinikova, V.V. Talantov. Arkh. pat. 28 no. 5:3-10 '66.

Ultrastructure of Langendorf cells in a normal and tumor-degenerated thyroid gland of rats. N.P. Dmitrieva, M.P. Gorbunova. Dokl. AN SSSR 169 no. 5:1186-1188 Je '66.

THYROID GLAND—SURGERY

Hemodynamic changes in patients with thyrotoxicosis in the process of preoperative preparation and operative treatment. G.N. Akzhigitov, A.A. Narychev. Sov. med. 29 no. 5:91-96 My '66.

THYROID GLAND—TRANSPLANTATION

Effectiveness of homotransplantation of the thyroid gland into the anterior chamber of the eye in frogs. G.P. Somova. Biol. eksp. biol. i med. 61 no. 4:101-105 Ap '66.

TIBETAN LANGUAGE—TENSE

The tense in the Tibetan verb of the 7th-11th centuries. M.I. Vorob'eva-Desiatovskaya. Nar. Az. i Afr. no. 4: 176-183 '66.

TIBIAL NERVE

Activity of neurons of the bulbar pressor structures in reflexes from the mechanoreceptors of the urinary bladder and afferent fibers of the tibial nerve. A.M. Blinova, N.K. Saradzhev, F.D. Shelikhon. Biol. eksp. biol. i med. 62 no. 7:8-12 JI '66.

TIDES

Percyupkin, V.I. [Taking into account tidal level fluctuations in hydrographic investigations] Uchet priplynykh kolebaniy urovnia pri gidrograficheskikh issledovaniakh. Leningrad, Gidrometeoizdat, 1966. 187 p.

TIENTIAN—BIRDS

History of ornithofauna of coniferous forests in Tien Shan. R.L. Potapov. Zool. zhur. 45 no. 7:1067-1073 '66.

TIENTIAN—GEOLOGY, STRUCTURAL

Morphologic characteristics of the ancient glaciation of the northern Tien Shan as related to tectonic conditions. B.K. Lugin, V.I. Makarov. Dokl. AN SSSR 168 no. 6: 1381-1384 Je '66.

TIENTIAN—GLACIAL EPOCH

Morphologic characteristics of the ancient glaciation of the northern Tien Shan as related to tectonic conditions. B.K. Lugin, V.I. Makarov. Dokl. AN SSSR 168 no. 6: 1381-1384 Je '66.

TIENTIAN—RHUBARB

Growth and distribution characteristics of Rhus Maximoviczii in the western Tien Shan. O.U. Lushpa. Trudy Inst. bot. AN Kazakh. SSR 22:96-116 '66.

TIENTIAN—TILLITE

Pre-Cambrian tillites in the Tien Shan. E.I. Zubtsov, E.I. Zubtsova. Dokl. AN SSSR 169 no. 1:173-176 JI '66.

TIFLIS REGION—MAGNETISM, TERRESTRIAL

Perturbed variations of geomagnetic field according to magnetograms of Tbilisi-Karsant-Dusheti Observatory, 1900-1956. M.Z. Nodia, N.A. Kntalashvili, G.P. Beriashvili. Nek. vop. issl. elektromag. pol. Zeml. no. 1: 5-13 '65.

TIGERS

Akademika nauk Kazakhskoi SSR, Alma-Ata. [King of the jungle; the tiger, its distribution, abundance, ecology, practical significance, hunting] Vlyadka dzhunglei; tigr, ego rasprostraneniye, chislennost', ekologiya, prakticheskoe znachenie, okhota na tigrov. Alma-Ata, Izd-vo Nauka Kazakhskoi SSR, 1965. 362 p. (Nauchno-popularnaya seriya)

TIGIL' DISTRICT—GEOLOGY, STRATIGRAPHIC

Early Quaternary sediments of western Kamchatka (Tigil' District). A.R. Gepner, E.G. Lupikina, L.A. Skiba. Biol. Kom. chatv. per. no. 31:57-72 '66.

TIGIREK RANGE—GEOLOGICAL TIME

New data on the postore age of granites of the Tigirek intrusive in the Inak iron-ore deposit. A.IA. Doronin, A.I. Grishko. Geol. i geofiz. no. 4:136-138 '66.

TIGIREK RANGE—GRANITE

New data on the postore age of granites of the Tigirek intrusive in the Inak iron-ore deposit. A.IA. Doronin, A.I. Grishko. Geol. i geofiz. no. 4:136-138 '66.

- TILLAGE**
(see also subdivision under Moscow Province; Penza Province)
Accelerated intertillage. V.M. Dudkin, Zemledelie 28 no. 5:37-38 My '66.
At increased speeds. A.M. Fedorov, Zemledelie 28 no. 7:49-51 JI '66.
Baiko, V.P. [Fall and pre-sowing tillage of the soil] Osnovniia i predposelnaia obrabotka pochvy. Moskva, Rossel'skhozizdat, 1966. 62 p.
(DIAL)
- Characteristics of the care of intertillage in oak forest plantations in connection with the development of root systems. F.M. Levon. Izv. vya. ucheb. zav.; les. zhur. 9 no. 3:22-25 '66.
Scarifying interrows and crop yields. V.E. Kazakov, A.V. Tikhonov, Zemledelie 28 no. 5:39-41 My '66.
- TILLAGE-EQUIPMENT AND SUPPLIES**
Determining the traction resistance of two-surfaced wedges. G.A. Degraf. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:73-77 JI '66.
- TILLITE** see subdivision under Tien Shan
- TIMAN RANGE--ALGAE, FOSSIL**
Discovery of the remains of gigantic Siphonella in the ancient layers of the Timan Range. A.G. Volodgin, O.S. Kochetkov. Dokl. AN SSSR 169 no. 3:672-675 JI '66.
- TIMAN RANGE--GEOLOGY, STRATIGRAPHIC**
Stratigraphy of the basement of the Timan Ridge. V.S. Zhuravlev and others. Blul. MOIP, Otd. geol. 41 no. 2: 49-75 Mr.-Ap '66.
- TIME STUDY**
Studying the amount of labor required for the boring of mine working faces by hits of various diameters in operating the BU-1 drill. E.O. Mindel, N.S. Rodionov. Vyzv. delo no. 58/15:102-111 '66.
- TIMPTON VALLEY--GEOLOGY, STRUCTURAL**
Characteristics of the formation of structures, enclosing quartz crystalliferous bodies in the Upper-Timpton region of the Aldan. A.V. Koplus, L.S. Puzanov. Trudy VNIP [MS] 7:87-103 '62.
- TIMPTON VALLEY--QUARTZ**
Characteristics of the formation of structures, enclosing quartz crystalliferous bodies in the Upper-Timpton region of the Aldan. A.V. Koplus, L.S. Puzanov. Trudy VNIP [MS] 7:87-103 '62.
- TIN CHLORIDES**
Production of thermostable polyformaldehyde using cation-type catalysts. L.S. Shpichinetskaya, N.V. Orlova. Plast. massy no. 8:6-8 '66.
- TIN COMPOUNDS--SPECTRA**
Mössbauer effect on ion-exchange resins. V.I. Baranovskii and others. Radiokhimiia 8 no. 3: 365-368 '66.
- TIN-LEAD ALLOYS** see Lead-tin alloys
- TIN ORES**
(see also subdivision under Chukchi Peninsula)
Prospects for using the self-combustion process in tin ore dressing. V.G. Kotliarov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 3:124-130 '66.
- TIN ORES--CRUSHING AND GRINDING**
Ore pebble milling of tin-containing ores. V.P. Iasbin, V.M. Vaisberg. Obog. rud. 11 no. 2:3-8 '66.
- TIN ORGANIC COMPOUNDS** see Organotin compounds
- TIN SULFIDES**
Tin-sulfur melting diagram. M.I. Karakhanova, A.S. Pashinkin, A.V. Novoselova. Izv. AN SSSR, Neorg. mat. 2 no. 5:991-995 Je '66.
- TIRE INDUSTRY** see subdivision under Volgograd
- TISSUE CULTURE**
Effect of homologous and heterologous histones and their fractions on RNA synthesis in tissue culture cells. A.G. Bukrinskaya and others. Dokl. AN SSSR 198 no. 2:468-471 JI '66.
Electron microscope study of the adaptation process of cells in cultures vitro. V.A. Shuklinov, N.D. Ozy-n'kova, V.P. Kozyr. Fiziol. zhur. [Ukr.] 12 no. 4:544-547 JI-Ag '66.
Growth and reproduction of the endothelium of bone marrow sinusoids in tissue cultures. M.G. Shcherbakova. Blul. eksp. biol. i med. 62 no. 7:89-93 JI '66.
Some histochemical characteristics of the transplantable strains of the cynomolgus heart cells. M.S. Vinogradova. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:86-89 '66.
- TISSUE CULTURE--TECHNIQUE**
Determination of the rate of population doubling in monolayer cultures. M.S. Benimovich. Blul. eksp. biol. i med. 62 no. 7:120-123 JI '66.
- Methodology of obtaining preparations of hemopoietic cell chromosomes of dogs and the possibilities of the use for the identification of bone marrow chimera. S.A. Khramtsov. Blul. eksp. biol. i med. 62 no. 7:124-126 JI '66.
- TISSUE EXTRACTS**
Effect of tissue biogenic stimulants on the nonspecific humoral link of immunity and some blood indices in the organism of animals subjected to superheating. I.U. M. Nazarov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:95-100 JI '66.
- TISSUE EXTRACTS AS FEED**
Effectiveness of the use of some tissue preparations in raising Edlby lambs. F.M. Mukhamedgaliev, A. Sh. Anarbaev, B.M. Kuanyshbekov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:35-40 JI '66.
- TISSUES**
Morphological changes in tissues in their connection with cycasin. TS. A. Kul'kova, G.S. Lipovetskii. Arkh. pat. 28 no. 6:70-84 '66.
Turbidimetric method for the determination of β -lipoproteins and chylomicrons in blood plasma and tissues. A.N. Klimov, T.N. Loviagina, E.B. Ban'kovskaya. Lab. delo. no. 5:276-280 '66.
- TISSUES--PRESERVATION**
Comparative evaluation of bone homotransplants preserved by different methods. K.D. Timashkevich. Blul. eksp. biol. i med. 62 no. 7:93-97 JI '66.
- TITANIUM**
Mechanism of the activation of a titanium surface prior to the application of an electrolytic coating. V.V. Urova, V.I. Lainer. Zashch. met. 2 no. 3:331-335 My-Je '66.
- TITANIUM--CORROSION**
Passivity of titanium in sulfuric acid with deep anodic oxidation. R.V. Tsvetova, A.I. Kravtchenko. Zashch. met. 2 no. 3:205-290 My-Je '66.
- TITANIUM--HYDROGEN CONTENT**
Effect of hydrogen on pinhole formation in argon-arc welding of titanium. V.V. Frolov, A.I. Gorshkov. Svar. proizv. no. 6:7-10 Je '66.
- TITANIUM ALLOYS**
Bezruchko, I.I. [Characteristics of the induction heating of titanium alloys for hot working by pressure] Osnovnosti induktsionnogo nagreva titanovykh sployov dlin gorlatski obrabotki davleniem. Leningrad, 1966. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Progressivnoe formoobrazovanie)
Chemically resistant and high-strength titanium alloy castings. A.N. Tsihrlik, N.G. Chernenko. Tekh. i org. proizv. no. 1:49-51 Ja-F '66.
- TITANIUM-COBALT-NICKEL ALLOYS--METALLOGRAPHY**
Structure of the Uconal alloy following heat treatment in a magnetic field. B.G. Livshits, IA. L. Linetskii. Izv. vya. ucheb. zav.; Chern. met. 9 no. 7:119-122 '66.
- TITANIUM COMPOUNDS**
Chromotropic complexes of titanium in dimethylformamide. N.V. Chernina, S.IA. Shinderman. Zhur. ob. khim. 36 no. 7:1165-1170 JI '66.
- TITANIUM-IRON ALLOYS** see Iron-titanium alloys
- TITANIUM-NICKEL ALLOYS** see Nickel-titanium alloys
- TITANIUM OXIDES**
Reaction of scandium oxide with titanium dioxide. I.N. Komissarova, B.I. Pokrovskii, V.V. Nechaeva. Dokl. AN SSSR 168 no. 5:1076-1079 Je '66.
- TITANIUM-VANADIUM ALLOYS--METALLOGRAPHY**
Structure and certain properties of alloys by sections of TiC-VC_{0.90}, TiC-V₂C, TiC-V and in the region TiC-VC_{0.90}-C in the ternary system Ti-V-C. L.A. Tret'yachenko, V.N. Evromenko. Porosh. met. 6 no. 7:84-88 JI '66.
- TITANOMAGNETITE--ANALYSIS** see subdivision under Altai Mountains; Sayan Mountains
- TOBACCO BLUE MOLD**
(see also subdivision under Armonik)
Use of dithiocarbamate fungicides against Puccinia infection of tobacco. V.F. Porysypkin, M.P. Lebedev. Khim. sel'. khoz. 4 no. 7:15-17 JI '66.
- TOBACCO MOSAIC VIRUS**
Spreading of tobacco virus in tomatoes grown with and without transplantation. M.A. Nikitina. Izv. AN Kazakh. SSR, Ser. biol. 4 no. 3:26-35 My-Je '66.
- TOGO--ECONOMIC ASSISTANCE, RUSSIAN**
Soviet Union extends its helping hand. B. Amovunu. Az. i Afr. seg. 10 no. 8:25 Ag '66.
- TOLERANCE (ENGINEERING)**
Calculating permissible deviations in the equipment for the assembly of molds. N.F. Sergulchov. Izd. prod. no. 5:45-46 My '66.
Establish standards for allowances on length dimensions. R.V. Iakir, Stand. i tech. 30 no. 3:66 Mr '66.
- TOLUENE**
Alkylation of toluene by nonylene. S.D. Mekhtev, M.M. Lushin, V.L. Khodzhaeva. Izv. vya. ucheb. zav. i inst. gaz. 9 no. 3:59-61 '66.
- TOLUIDINE**
Effect of a single greening with orthoaminocarotenes on the liver cells of C₃H₄ mice. V.M. Bresler and others. Tsitologiya 8 no. 3:391-396 My-Je '66.
- TOMATO BREEDING**
Heterosis in hybrid F₁ from crossing tomato mutants among themselves and with other varieties. I.A. Iakovleva. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:59-63 '66.
- TOMATOES--DISEASES AND PESTS**
(see also subdivision under Kazakhstan; White Russia)
Nitrogen and tomato atreack. U. Vlasov, A. Al'kari-mova. Zashch. rast. 11 no. 7:54 '66.
- TOMATOES--VARIETIES** see subdivision under White Russia
- TOMATOES, CANNED**
Tkachov, R. IA. [Production of whole canned tomatoes] Proizvodstvo tsel'nykh konzervirovannykh tomatov. Moskva, Pleshchynskaya promyshlennost', 1965. 59 p.
- TOMSK PROVINCE--FOREST NURSERIES**
Diseases of the seedlings of coniferous species in forest nurseries of Tomsk Province. I.S. Kozminskaya, V.A. Aleksova. Izv. vya. ucheb. zav.; les. zhur. 9 no. 3:43-45 '66.
- TOMSK PROVINCE--PINE**
Oil accumulation dynamics and the maturation of seeds of the Siberian pine. T.L. Nekrasova, V.A. Petrova. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:37-43 '66.
- TONGUE--INNERVATION**
Functional connections of motor and intermediate neurons of the hypoglossal nerve nucleus in cats. Yu. S. Lymnitskiy, O.V. Zavit'nyay, Nizol. zhur. [Ukr.] 42 no. 4:428-431 JI-Ag '66.
- TONSILS--DISEASES**
Stenocardia in chronic tonsillitis. A.N. Kokanov. Arkh. med. 39 no. 5:69-72 My '66.
- TOOL AND DIE INDUSTRY--MANAGEMENT** see subdivision under Moscow
- TOPOGRAPHICAL DRAWING**
[Drawing for faculties of land use and surveying of higher agricultural schools] Cherechen diti zashch. ustroitel'nykh i geodezicheskikh fakul'tetov sel'sk. khoz. i inzh. vuzov. [By] A.B. Blatnik i dr. Moskva, Nedra, 1966. 183 p.
- TOPOGRAPHICAL SURVEYING**
Topographic interpretation of color photographs reproduced on various photographic papers. I.E. Gaidarov, V.B. Kiselevskii. Vost. i zap. 21 no. 12:99-102 '66.
- TOPOLOGY**
A class of distant minimal sets. I.U. Bronshteyn. Sb. mat. zhur. 7 no. 4:740-750 JI-Ag '66.
Effectively topological spaces. E.IU. Nogina. Dokl. AN SSSR 169 no. 1:28-31 JI '66.
Imbedding of tree-like compounds in E^3 . M.A. Goltanov. Dokl. AN SSSR 169 no. 2:292-294 JI '66.
- TORQUE**
Determining the torque spent on rock breaking during the rolling of toothed roller bits over the working face. L.I. Baron, I.B. Glazman, B.M. Logunov. Vyzv. delo no. 58/15:273-278 '66.
Parameters of force and power for thin-walled pipe rolling on pigiron mill. M.M. Goronshtein and others. Stal' 26 no. 6:532-535 Je '66.
- TOURISM**
(see also subdivision under Issyk-Kul' region)
Tourism as a branch of the economic system: An interview. V. Ankudinov. Nov. vrem. 24 no. 34:21-22 Ag '66.
- TOWING**
(see also subdivision under Volga River)
Development of means for improving the maneuverability of pusher tug trains. Rech. transp. 25 no. 1:1 '66.
Shmakov, M.G. [Towing equipment of vessels; their design and calculation] Baksiraya ustroystva sudov; proektirovaniye i raschet. Leningrad, Sudostroenie, 1966. 250 p.
Testing the "ABR" Automatic side coupler. N. Stetskiy. Rech. transp. 25 no. 7:47-48 '66.

TOXICOLOGY—ABSTRACTS

[Pharmacology, Chemotherapeutics, Toxicology] Ref. zhur. Farm. Khimioterap. sred. Toks. no. 6 Je '66.

TOXINS AND ANTITOXINS

Antibacterial and antitoxic immunity in experimental plague. N.N. Basova, I.U. Filimonova, A.A. Kanchukh. Zhur. mikrobiol., epid. i immun. 43 no. 7: 103-107 JI '66.

Obtaining of high-purity antitoxins of Clostridium oedematis. G. F. Shemanova, E. V. Vlasova, S. A. Shumova. Zhur. mikrobiol., epid. i immun. 43 no. 7: 52-54 JI '66.

Toxin formation in Clostridium perfringens type E. E. P. Zemlanitskaya, K. I. Matveev, F. F. Tsurikov. Zhur. mikrobiol., epid. i immun. 43 no. 7: 86-90 JI '66.

Use of high-voltage microelectrophoresis in agar for studying the fractional and antigenic composition of bacterial toxins and antitoxins. I. B. Volgin, V. S. Tsvetkov. Lab. delo, no. 5: 301-304 '66.

TOXOPLASMOSIS

Man as the source of toxoplasmosis infection. E. P. Kovaleva, M. G. Smakina. Zhur. mikrobiol., epid. i immun. 43 no. 7: 10-14 JI '66.

Possibility of peroral infection of animals with toxoplasmosis. I. L. Kulik. Zhur. mikrobiol., epid. i immun. 43 no. 8: 150 Ag '66.

Smakina, M.G. [Toxoplasmosis] Toksoplazmoz. Moskva, Znanie, 1966. 15 p. (Novoe v zhizni, nauka, tekhnika. VIII Seriya: Biologiya i medicina, no. 12)

TRACE ELEMENTS—CONGRESSES

Vsesoyuznoye mezhvuzovskoye soveshchaniye po probleme "Mikroelementy i estestvennaya radioaktivnost'" [Abstracts of reports of All-Union Interuniversity Conference on Problem "Trace elements and natural radioactivity"] Tezisy dokladov. Petrozavodsk, Univ., 1965. No. 1. 200 p. Pt. 2. 272 p. Pt. 3. 226 p. Pt. 4. 128 p.

TRACE ELEMENTS—EFFECT ON PLANTS see Plants, Effect of trace elements on

TRACE ELEMENTS—PHYSIOLOGICAL EFFECT

Akademika nauk URSS, Kiev. [Trace elements in agriculture and medicine] Mikroelementy v sel'skom khoz-istvo i meditsine. Kiev, Naukova dumka, 1966. 239 p. (Respublikanskiy mezhvuzovskiy sbornik) Effectiveness of various methods for using trace elements in feeding milking cows. E. D. Ngorakala, S. I. Los'makov, N. V. Belousova. Khim. v sel'khoz. 4 no. 8: 56-59 Ag '66.

TRACE ELEMENTS IN THE BODY

Content of some microelements in the thyroid gland of healthy cattle and in cattle with endemic goiter. L. G. Zamarin, L. I. Loev, L. K. Platinitskaya. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 76-79 '66.

TRACHEA—SURGERY

Tracheotomy in traumatological patients with respiratory insufficiency. F. N. Kozantsev, F. Sh. Bakhtlozin. Ortop., travm. i protez. 27 no. 5: 21-26 My '66.

TRACHOMA see Conjunctivitis, Granular

TRACTOR INDUSTRY—MANAGEMENT see subdivision under Volgograd

TRACTORS

Litinskii, S.A. [Automatic devices on a tractor] Avtomaty na traktore. Moskva, Znanie, 1966. 40 p. (Novoe v zhizni, nauka, tekhnika. V Seriya: Sel'skoye khoz-istvo, no. 13)

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery and equipment] Ref. zhur. Trakt. i sel'khoz. mash. i orud. no. 6 Je '66.

TRACTORS—CATALOGS

Altalekii traktorny zavod im. M. I. Kalinina. [Catalog of parts for the T-4 tractor] Katalog detalей traktora T-4. Moskva, Mashinostroenie, 1966. 138 p.

TRACTORS—ENGINES

Gavrilov, A.K. [Liquid cooling systems for motor-vehicle and tractor engines; theory, design, construction and experimental studies] Sbornik zhukovskogo okh-azheniya aviotraktorov dviatel; teoriya i konstruktsiya, raschet i eksperimental'nye issledovaniya. Moskva, Mashinostroenie, 1966. 102 p.

TRACTORS—FUEL SYSTEMS

Reconditioning fuel Atomizers of DT-54, KDP-36, "Belarus" and other tractors. E. I. Kiselev. Tekh. i org. proizv. no. 1: 85 Ja-F '66.

TRACTORS—HYDRAULIC EQUIPMENT

Perovo. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skii tekhnologicheskii institut remonta i ekaplatatsii mashinno-traktorovogo parka. [Album of technological charts for dismantling, assembling repairing and regulating hydraulic devices of the DT-14B (DT-20), T-28, T-36, T-40, MTZ-5M (MTZ-5L), MTZ-50, DT-54A and T-74 (T-75) tractors] Al'bom tekhnologicheskikh kart na razborku, sborku, remont i regulirovku gidravlicheskikh ustroystv traktorov DT-14B (DT-20), T-28, T-36, T-40, MTZ-5M (MTZ-5L), MTZ-50, DT-54A i T-74 (T-75). Moskva, Biro tekhn. informatsii GosNTI, 1966. 410 p. (Tipovaya tekhnologiya remonta traktorov)

TRACTORS—MAINTENANCE AND REPAIR

Livshits, L.G., and A. V. Pollachenko. [Reconditioning motor-vehicle and tractor parts.] Vostanovlenie avto-traktorov detalей. Izd. 2., ispr. i dop. Moskva, Kolos, 1966. 478 p.

Moscow. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skii tekhnologicheskii institut remonta i ekaplatatsii mashinno-traktorovogo parka. [Specifications and instructions on flaw detection in parts and joints in repairing DT-54 and DT-54A tractors] Tekhnicheskie ustavy i ukazaniya po defektovke detalей i sopriazhenii pri remonte traktorov DT-54 i DT-54A. Moskva, Biro tekhn. informatsii GosNTI, 1964. 210 p. (Tipovaya tekhnologiya remonta traktorov)

[MICROFILM]

TRACTORS—TRANSMISSION DEVICES

High-grade steel for pinions of tractor transmissions. N. V. Popov and others. Tekh. i org. proizv. no. 1: 79-81 Ja-F '66.

Selecting methods of increasing the wear resistance of gear wheels in the gearbox of TDT-40M and TDT-55 skidding tractors. A. T. Radchenko. Sber. rab. NIITM no. 1: 134-89 '65.

TRADE ROUTES

Tikhomirov, M.N. [Medieval Russia on international trade routes, the 14th and 15th centuries] Srednevekovaya Rossiya na mezhdunarodnykh putakh (XIV-XV vv.) Moskva, Nauka, 1966. 173 p. (Nauchno-popularnaya seriya)

TRADE UNIONS

(see also subdivision under Czechoslovakia; Europe, Western; Kabardino-Balkar A. S. S. R.; Leningrad; North America)

Better leaders and automatic transportation units of the geological organizations of the R. S. F. S. R. K. V. Solov'ev, V. M. Ogitskii. Razved. i okh. nedr. 32 no. 4: 63-64 Ap '66.

[Decisions of the All-Union Central Council of Trade Unions] Sbor. post. VTSSPS O-D '65, publ. '66.

Fight for man, for strengthening the positions of socialism and communism. T. Nikolaeva. Sov. profsoyuz. 22 no. 14: 4-6 JI '66.

In the Central Committee of the Trade Union. A. I. Smirnov. Razved. i okh. nedr. 32 no. 4: 67-68 Ap '66.

Second Plenum of the Central Committee of the Trade Union of Workers Employed in Geological Prospecting. M. M. Maksimov, P. E. Cherednik. Razved. i okh. nedr. 32 no. 4: 61-62 Ap '66.

Strengthen the collective farm democracy. V. Pozhidaev. Sov. profsoyuz. 22 no. 14: 16-17 JI '66.

Training of trade-union specialists. M. M. Maksimov. Razved. i okh. nedr. 32 no. 3: 58 '66.

TRADE UNIONS—CONGRESSES

"Peace is the most important problem" IA. Mikhailov. Sov. profsoyuz. 22 no. 14: 40 JI '66.

TRADE UNIONS—OFFICERS

(see also subdivision under Dushanbe)

Nauch'ya from Sof'ino. O. Gladkovskii. Sov. profsoyuz. 22 no. 14: 26-27 JI '66.

TRADEMARK LICENSES see subdivision under France

TRADEMARKS

[Inventions, industrial samples, trademarks] Izobr., prom. obraz., tov. znak. 43 nos. 12-14 '66.

TRAFFIC ACCIDENTS

Possibilities of forensic medical expert evidence in investigation of automotive transportation accidents. A. A. Matyshev. Sud.-med. eksp. 9 no. 3: 12-15 JI-9 '66.

Traumatism caused by two-wheeled vehicles. G. A. Behurishvili, V. M. Kozlov, V. F. Kovalenko. Ortop., travm. i protez. 27 no. 7: 60-63 JI '66.

TRAINING OF ANIMALS see Animals, Training of

TRAINING OF EMPLOYEES see Employees, Training of

TRAINING OF TEACHERS see Teachers, Training of

TRAJECTORIES

Indirect method for obtaining missing information on the position of a regulated system in phase space. M. A. Babikov, I. M. -I., Kostukovskii. Izv. AN SSSR, Tekh. kib. no. 3: 150-152 My-Je '66.

TRANS-ILI ALATAU—SOIL STRUCTURE

Effect of perennial grasses on the improvement of soil structure in mountain areas of the Trans-Il Alatau. Z. G. Sheherbakova. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7: 11-13 JI '66.

TRANSAMINASES

Determination of the activity of transaminases in the population in foci of epidemic hepatitis. I. P. Lepeshinskaya, A. V. Malygin, V. P. Pirog. Zhur. mikrobiol., epid. i immun. 43 no. 8: 152 Ag '66.

TRANSBAIKALIA—ALASKITE

Some mineralogeochemical characteristics of the zone of excontact in the intrusive of alaskite granites. M. G. Petrova. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 6: 36-44 Je '66.

TRANSBAIKALIA—BATS

Age-related changes in the insectivorous bat Vesperugo murinus L. in Transbaikalia. I. G. Shvetsov. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3: 44-45 '66.

TRANSBAIKALIA—BORING

Mixed shot drilling under conditions of the Nizhnesky geo distribution center (eastern Transbaikalia). I. V. Lipitskii, V. M. Trefimov. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 6: 153-154 Je '66.

TRANSBAIKALIA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of continental Upper Mesozoic sediments in the Chivokaya Depression (eastern Transbaikalia). M. V. Shumilina. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 6: 16-15 Je '66.

TRANSBAIKALIA—ORE DEPOSITS

Some mineralogeochemical characteristics of the zone of excontact in the intrusive of alaskite granites. M. G. Petrova. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 6: 36-44 Je '66.

TRANSBAIKALIA—PALEONTOLOGY, STRATIGRAPHIC

New data for biostratigraphy of Quaternary sediments in western Transbaikalia. M. A. Ershova. Biol. Koss. chetv. per. no. 31: 93-103 '66.

TRANSCARPATIA—HISTORY

Slyukh, R. U. [Intrigues of international reaction against Transcarpathia in 1938-1939] Pisluyuy mizhnarodnoi reaktsii na Zakarpatti v 1938-1939 rr. [L'viv] Vyd-vo L'viva 'koho intv., 1966. 69 p.

TRANSDUCERS

Discrete automatic systems for registering the indications of the thermal transducers of rotating components of machines. V. I. Fedorov, A. A. Kozlovskii. Energ. i elek. no. 3: 30-31 My-Je '66.

Kozlovskii, A. A. [Automatic transformation of signals of frequency transducers] Avtomaticheskaya obrabotka signalov chastotnykh datchikov. Moskva, Energiya, 1966. 17 p. (Biblioteka po avtomatike, no. 171)

TRANSFORMATIONS (MATHEMATICS)

Hilbert transformations and Cauchy type integrals. Trudy Mat. inst. AN Gruz. SSR 31 pt. 1: 110-121 '66.

TRANSIENTS (DYNAMICS)

Studying the dynamics of the transmission line of vertical slabbing mill rolls. S. N. Kozhennikov, V. I. Bol'sha-

- TRANSISTORS (Continued)**
Ovchinnikov, I. A., A. M. Savchenko, and N. N. Smirnov. [Recommendations on the use of semiconductor devices] Rekomendatsii po primeneniyu poluprovodnikovyykh priborov. Moskva, DOSAAF, 1966. 74 p.
Use of an avalanche transistor as an analog of circuit inductance. M. N. Nikitrasov, I. V. Kutoval, V. S. Gaidukov. Mekh. i avtom. upr. no. 3:47-48 My-Je '66.
Valstard, F. I. [Semiconductor devices] Poluprovodnikovyye pribory. Moskva, Svyaz', 1966. 131 p.
- TRANSITION METAL CARBIDES**
Young's modulus of certain transition metal carbides. I. N. Frantsevich, A. B. Liaschenko. Porosh. met. 6 no. 7:73-75 JI '66.
- TRANSITION METAL COMPOUNDS—SPECTRA**
Photoelectromotive force and electronic spectra of some dithiocarbamate compounds of transition metals. O. V. Kolinov and others. Dokl. AN SSSR 168 no. 6:1327-1330 Je '66.
- TRANSITION METAL COMPOUNDS—THERMODYNAMICS**
Nature of bonding and thermodynamic properties of transition metals and metallike compounds. L. A. Reznitskii. Izv. AN SSSR, Neorg. mat. 2 no. 6:953-957 Je '66.
- TRANSITION METALS**
Formation of compounds in the binary systems of vanadium. I. V. Efimov. Izv. AN SSSR, Neorg. mat. 2 no. 4:593-603 Ap '66.
- TRANSKETOLASE**
Sulphydryl groups and the activity of transketolase of baker's yeast. G. A. Kochetov, G. F. Lutovinova. Dokl. AN SSSR 168 no. 6:1202-1204 Je '66.
- TRANSPLANTATION OF ORGANS, TISSUES, ETC.**
Some histochemical characteristics of the transplantable strain of the cynomolgus heart cells. M. S. Vinogradova. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:86-89 '66.
- TRANSPLANTATION OF ORGANS, TISSUES, ETC.—CONGRESSES**
Nauchnaya konferentsiya po probleme regeneratsii i transplantatsii organov i tkanei. [Transactions of Scientific Conference on Problems of Regeneration and Transplantation of Organs and Tissues] Trudy. Pod red. B. P. Solopaeva. [Zakaznoe izd. Gor'kii] Volgo-Viatskoe knizhnoe izd-vo, 1965. 318 p.
- TRANSPORT LIBRARIES**
Raising qualifications of personnel of local libraries of Moscow Railroad. V. S. Evseev. Tekh. bibliot. SSSR no. 7:44-46 '65.
- TRANSPORT PLANES**
Transport aircraft today and tomorrow. O. Antonov, V. Tolmachev. Av. i kosm. no. 6:18 Ap '66.
- TRANSPORTATION**
Moscow. Akademiya obshchestvennykh nauk. [Increasing the effectiveness of transportation in the U.S.S.R.] Povysheniye effektivnosti transporta v SSSR. Pod red. T. S. Khachaturova. Moskva, Mysl', 1966. 174 p.
- TRANSPORTATION—ABSTRACTS**
[Container shipments and the interaction of various types of transportation] Ref. zhur.: Vyznaniya, raz. vid. transp. i kont. perev. no. 6 Je '66.
- TRANSPORTATION, AUTOMOTIVE**
Akademiya nauk Uzbekskoi SSR, Tashkent. Institut mekhaniki i vychislitel'nykh tsentr. [Selection of an optimal variant for transport services; the use of mathematical methods and electronic computers] Vybory optimal'nogo varianta transportnogo obsluzhivaniya; primeneniye matematicheskikh metodov i EVM. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 111 p.
Gorin, D. I. [Automotive transportation of collective and state farms] Avtomobil'nyi transport kollektivnykh i goskhozov. Minsk, Urozhai, 1965. 119 p.
- TRANSPORTATION, AUTOMOTIVE—ABSTRACTS**
[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. Predmetnyi ukazatel' za 1965 g.
- TRANSPORTATION, AUTOMOTIVE—ACCOUNTING**
What is new in the accounting of automotive transportation units. B. Savitskii. Buhg. uch. no. 6:10-19 Je '66.
- TRANSPORTATION, AUTOMOTIVE—FINANCE**
(see also subdivision under Latvia)
Converting automotive transportation units completely to business accounting. A. Birkhin. Fin. SSSR 40 no. 8:17-22 Ap '66.
- TRAUMATISM**
Reanimation in traumatology. V. A. Negovskii and others. Ortop., travm. i protez. 27 no. 9:9-11 My '66.
- Some characteristics of anesthesia in grave and terminal stages of traumatic shock. K. M. Vintsentini, E. S. Zolotokrylina, T. P. Bel'skaya. Ortop., travm. i protez. 27 no. 5:16-21 My '66.
Tracheostomy in traumatological patients with respiratory insufficiency. F. N. Koznisev, F. Sh. Batkhozin. Ortop., travm. i protez. 27 no. 5:21-26 My '66.
Traumatism caused by two-wheeled vehicles. G. A. Boburashvili, V. M. Kozorev, V. F. Kovalenko. Ortop., travm. i protez. 27 no. 7:60-63 JI '66.
Use of hyaluronidase and hyaluronic acid in traumas and orthopedic diseases; survey of the literature. A. F. Kucherenko. Ortop., travm. i protez. 27 no. 5:76-81 My '66.
- TRAWLS AND TRAWLING** see subdivision under Atlantic Ocean
- TREES** see subdivision under Krasnoyarsk Territory; Siberia, Western
- TREMATODA** see subdivision under White Russia
- TREMORINE—TOXICOLOGY**
Tremorine hyperkinesia as a model for the evaluation of the cholinolytic activity of substances. S. N. Golikov, S. I. Loktionov. Biol. eksp. biol. i med. 61 no. 4:61-65 Ap '66.
- TRENCHING MACHINERY**
Testing double-cutter ditchers. E. N. Kop'ev, V. A. Kokoz. Gidr. i mel. 18 no. 7:58-61 JI '66.
- TRIALS (POLITICAL CRIMES AND OFFENSES)** see subdivision under Central America
- TRIANGULATION**
Evaluating the accuracy of elements of triangulation chains inserted between two initial points. A. T. Cherkoz'ina. Trudy NIIGAik 18 no. 1:23-36 '64.
- TRIAZENE**
Chelate compounds of diaryltriazenes. A. P. Terent'ev, E. G. Rukhadze, T. V. Ershova. Dokl. AN SSSR 169 no. 3:609-609 JI '66.
- TRIAZINE**
Penetration depth of triazine in soils in arid conditions of Volgograd Province. Z. A. Stepanova. Khim. v soil. khoz. 4 no. 7:27-30 JI '66.
- TRIAZINE—EFFECT ON PLANTS** see Plants, Effect of triazine on
- TRICHOHECIN**
Use of combined fermentation method for obtaining trichothecin. R. A. Maksimova, Z. E. Bekker, L. M. Bushina. Vest. Mosk. un. Ser. 6: Biol., pochyv. 21 no. 2:57-61 Mr-Ap '66.
- TRICONTINENTAL SOLIDARITY CONFERENCE, HAVANA, 1966**
Bochkarev, I. A. [Handshake of three continents] Rukopozhatie trekh kontinentov. Moskva, Politizdat, 1966. 54 p.
- TRIGEMINAL NERVE**
New experimental data on trophic disturbances in tissues innervated by trigeminal nerve. V. A. Mikhov. Dokl. AN SSSR 169 no. 3:735-737 JI '66.
Structural characteristics of sensory nuclei of trigeminal nerve. G. P. Zhukova. Zhur. nevro. i psikh. 60 no. 8: 1193-1203 '66.
- TRIGGER CIRCUITS**
Smith trigger circuit using translators as a universal automatic control element. V. A. Petrov, I. U. Levitskii. Mekh. i avtom. upr. no. 3:53-55 My-Je '66.
- TRIGONOMETRIC FUNCTIONS—TABLES, ETC.**
Khrenov, L. S. [Seven-place tables of trigonometric functions containing natural values of six trigonometric functions by steps of 10° from 0° to 360° and cotangent and cosecant values by steps of 1° from 0° to 16°] Semiznachnye tablitsy trigonometricheskikh funktsii, so-derzhashchie natural'nye znacheniya shesti trigonometricheskikh funktsii cherez kazhdye 10° ot 0° do 360° i znacheniya kotangensov i kosekansov cherez 1° ot 0° do 16°. Izd. 2. Moskva, Gos. izd-vo tekhniko-teoreticheskoi lit-ry, 1958. 410 p.
- TRILOBITES** see subdivision under Siberia
- TRIODES**
Possibility of obtaining a negative resistance in triodes with the controlling electrode behind the anode. S. G. Afanasov, A. A. Shmelov. Izv. vys. ucheb. zav. i radiofiz. 9 no. 4:786-793 '66.
- TRITICUM**
Intralinial correlations between the content and quality of gluten in Triticum vulgare Host. varieties and hybrids. O. I. Maistrenko. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:87-90 '66.
- TRITICUM-AGROPYRON HYBRIDS**
Analysis of possible constant 66-chromosomal Triticum-Agropyron hybrids with higher fertility. I. N. Golubovskaya, Z. S. Nikoro, V. V. Khvostova. Genetika no. 4:86-96 Ap '66.
- TRITIUM ORGANIC COMPOUNDS** see Organotrillium compound
- TROILITE** see subdivision under Krasnoyarsk Territory
- TROLLEYBUSES** see subdivision under PU (Moscow Province)
- TRUSTS, INDUSTRIAL—MANAGEMENT**
Intrafirm management and planning in the largest monopolies. A. Pushkin. Mir, ekonom. mezhdu. i. eto. no. 7:57-66 '66.
- TRUTH**
Truth and value. O. M. Bakuradze. Vop. filoz. 26 no. 3: 45-48 '66.
- TRYPTAMINE—PHYSIOLOGICAL EFFECT**
Morphophysiological studies of effect of indole on processes of higher nervous activity. G. N. Krivitskaya, T. A. Merlot. Zhur. vyzn. nerv. defekt. 16 no. 4:646-654 JI-Ag '66.
- TRYPTOPHAN**
Antagonism of 5-hydroxytryptophan to antizastat and tryptophan based on EEG data. R. U. Ontrovenko. Biol. eksp. biol. i med. 61 no. 4:56-61 Ap '66.
- TUAPSE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK**
Letters to the party committee of a city. I. A. Shvaykov. Part. zhizn' no. 16:46-48 Ag '66.
- TUBERCULOSIS**
Combined lesion of the lungs by cancer and tuberculosis; clinical and X-ray observation. A. M. Lushin. Avt. i med. zhur. 43 no. 5:23-29 My '66.
Determination of the inactivation level of isonicotinic acid hydrazide preparations in the body of tuberculous patients. L. B. Shefer. Lab. delo. no. 5:208-211 '66.
- TUGBOATS—HYDRODYNAMICS**
Study of the motion of the vessel an affected by oblique jerking of the towline. V. M. Lavrent'ev. Trudy TSNIIMF no. 72: 3-31 '66.
- TULA—MILITARY EDUCATION**
Tula Artillery School. I. N. Novik. Voen. znan. 42 no. 6:7 Ag '66.
- TULA PROVINCE—LEPTOSPIROSIS**
Serological diagnosis of leptospirosis in Tula Province. T. V. Dzhukova, M. P. Dolotova. Zhur. mikrob. i. eto. i. imunit. 43 no. 7:141-142 JI '66.
- TULA PROVINCE—REVOLUTION, 1917-1921**
Excerpts from a report of A. Katelnikov, Head of the Efremov Department of Public Education to the Executive Committee of the Soviet of Workers' Deputies of Efremov County, February 15, 1910. Nar. obr. no. 6: 94 Ag '66.
- TULAREMIA**
Production of a stable preparation of sensitized erythrocytes for the passive hemagglutination reaction in tularemia. I. S. Mechinskaya. Lab. delo. no. 5:344-305 '66.
- TULIKOV, SERAFIM SERGEEVICH, 1914-**
Pleasant Journey, Horankul I. Rud'. Sov. muz. 30 no. 5:54-56 My '66.
- TUMORS**
Case of symphogonoma in three-week-old infant. L. P. Rozin. Arkh. pat. 26 no. 6:57-60 '65.
Study of electron paramagnetic resonance spectra of tumorous tissues. M. M. Putinaev and others. Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:93-95 '66.
- TUNDRA** see subdivision under Khibiny Mountains
- TUNGSTEN**
Geochemical characteristics of the distribution of molybdenum and tungsten in one of the deposits of ligulites. D. F. Korolev, M. M. Durbatovskii. Dokl. AN SSSR 168 no. 5:170-172 Je '66.
- TUNGSTEN—ANALYSIS**
Study of the behavior of impurities and addition agents at high-temperature sintering of tungsten using the mass spectral method of analysis. G. A. Meerzoev and others. Izv. AN SSSR, Neorg. mat. 2 no. 4: 502-507 Ap '66.
- TUNGSTEN ISOTOPES**
The new isotope W174. I. Demeter and others. Jad. fiz. 4 no. 2:231-237 Ag '66.
- TUNGSTEN ORES** see subdivision under Chukotka Peninsula
- TUNGUSKA, NIZHNYAYA** see Lower Tunguska Valley

- TUNISIA—DESCRIPTION AND TRAVEL**
In ancient Tunisia. A. Nikanorov. Nov. vrem. 24 no. 36: 27-29 '66.
- TUNNELS—DESIGN AND CONSTRUCTION**
Isaev, K.S., ed. [Principles of the automation of transportation construction] Osnovy avtomatizatsii transportnogo stroitel'stva. [By] K.S. Isaev i dr. Moskva, Transport, 1966. 278 p.
- TURBINES**
Determining the hydrodynamic forces and momentum acting on a hydroturbine blade. IU, F. Konanykhin. Izv. vyz. ucheb. zav.; energ. 9 no. 7:99-102 JI '66.
- TURBINES—ABSTRACTS**
[Turbine manufacture] Ref. zhur.: Turbostr. no. 6 Je '66.
- TURBINES—TESTING**
Discrete automatic systems for registering the indications of the thermal transducers of rotating components of machines. V.I. Fedorov, A.A. Rozhanskii. Energ. i elek. no. 3:30-31 My-Je '66.
- TURBODRILLS**
Determining the parameters of a drilling regime ensuring the maximum efficiency of turbodrills. O.A. Lediashov. Izv. vyz. ucheb. zav.; nef't i gaz 9 no. 3:15-20 '66.
- TURBOGENERATORS**
Encapsulated hydraulic turbine-generator units and their improvement for serial manufacture. L.I.A. Stanislavskii and others. Energ. i elek. no. 3:38-40 My-Je '66.
Installation and operation of encapsulated hydraulic turbine-generator units. E.N. Gurevskii, A.V. Il'inski. Energ. i elek. no. 3:40-42 My-Je '66.
Results of the studies of the thermal state of encapsulated hydraulic turbine-generator units. L.I.A. Stanislavskii and others. Energ. i elek. no. 3:42-44 My-Je '66.
Special features of the adjustment and operation of the electronic excitation systems of TGV-200 turbogenerators. G.B. Lazarev, A.A. Fioletov, A.A. Annashkevich. Energ. i elek. no. 3:11-14 My-Je '66.
- TURBOMACHINES**
Capacitive method for measuring the air content in a turbine oil flow. S.G. Smolnitskii, V.N. Kazanmidi. Izv. vyz. ucheb. zav.; energ. 9 no. 7:62-66 JI '66.
- TURBULENCE**
Approximation of a weak connection in the theory of turbulence. V.I. Tokarev. Izv. vyz. ucheb. zav.; av. tekhn. 9 no. 2:20-33 '66.
Turbulence in detonation. S.S. Rybanin. Fiz. gor. i vzryva no. 1:29-35 '66.
- TURBULENCE—MEASUREMENT**
Photoelectric method of measuring the turbulence of high-temperature flows. A.M. Trokhan and others. Fiz. gor. i vzryva no. 1:112-116 '66.
- TURBULENCE—MODELS**
Mathematical model of the intermittence of turbulent flow. E.A. Novikov. Dokl. AN SSSR 166 no. 6: 1279-1282 Je '66.
- TURGENEV, IVAN SERGEEVICH, 1818-1893**
Akademiya nauk SSSR. Institut russkoi literatury. [Turgenev collection; materials for the complete collected works and letters of I.S. Turgenev] Turgenevskii sbornik; materialy k polnomu sobraniu sochinenii i pismen I.S. Turgeneva. Moskva, Nauka, Vol. 2. 1966. 394 p.
- TURKEY—FOREIGN RELATIONS—RUSSIA**
Distortion of history of Russo-Turkish relations in 1920-1922. T.Y. Azimov. Pyt. nov. ta novit. ist. no. 2: 85-102 '66.
Good neighbor relations are in the interest of both the Soviet Union and Turkey; an interview. Nov. vrem. 24 no. 34:18 Ag '66.
- TURKEY—HISTORY**
Enol'skiy, Z.A. [History of some eastern countries: India, Iran, Turkey, 1870-1918] Istoriya kraev zarubezhnogo skhodu: India, Iran, Turkechiya, 1870-1918. [Kyiv] Vyd-vo Kyivskoho univ., 1966. 211 p. (NN)
- TURKEY—STRAITS**
The passage of sea vessels through the Straits of Turkey. Shor. mat. TSNIIMF no. 150. Mor. pravo i prak. no. 3:64 '66.
- TURKIC LANGUAGES—DIALECTS**
Akademiya nauk Azerbaidzhanской SSR, Baku, Institut literatury i iazyka. [Problems of the dialectology of the Turkic languages] Voprosy dialektologii turkiskikh iazykov. Baku, Vol. 4. 1966. 235 p.
- TURKISH LITERATURE—HISTORY AND CRITICISM**
Ahmed and his "Jekandarnama." V.I. Aslanov. Nar. Az. i Afr. no. 4:161-175 '66.
- TURKMEN FOLKLORE** see Folklore, Turkmen
- TURKMENISTAN—CHICK PEA**
Planting time for peas and chick-pea in Turkmenistan. A. Gelsenov, L. Dashkova. Zerk. i masl. kul't. 1 no. 1: 36 '66.
- TURKMENISTAN—CONJUNCTIVITIS**
Some characteristics of clinical aspects of spring catarrh. R.L. Grigor'ants. Trudy Turk. nauch.-issl. trakh. inst. 9:198-204 '66.
- TURKMENISTAN—CONJUNCTIVITIS, GRANULAR**
Comparative evaluation of effectiveness of treatment of trachoma with tetracycline and dibromocyclin under Turkmenistan conditions. S.K. Karanov, A.N. Afanaseva, E.V. Shakhova. Trudy Turk. nauch.-issl. trakh. inst. 9:57-64 '66.
Course of methodological activity of Turkmen Trachoma Institute in extinguishment period of trachoma focus (1963-1964). N.V. Rodionova. Trudy Turk. nauch.-issl. trakh. inst. 9:17-22 '66.
Forms and methods of sanitary educational work in rural areas in extinction period of trachoma. A.B. Berdyev and others. Trudy Turk. nauch.-issl. trakh. inst. 9:126-130 '66.
Lesions of lacrimal ducts in trachoma and their treatment under Turkmenistan conditions. M.S. Mortalin, A.I. Zheltova, T.N. Kuznetsova. Trudy Turk. nauch.-issl. trakh. inst. 9:110-114 '66.
Measures for eliminating trachoma in Turkmen S.S.R. F.D. Krylova. Trudy Turk. nauch.-issl. trakh. inst. 9:11-16 '66.
Scientific activity of ophthalmologists of Turkmen S.S.R. in trachoma elimination. S.K. Karanov. Trudy Turk. nauch.-issl. trakh. inst. 9:29-33 '66.
- TURKMENISTAN—CONJUNCTIVITIS, GRANULAR—PREVENTION**
Analysis of activity of therapeutically-prophylactic institutions of districts and cities of Turkmen S.S.R. having succeeded in full elimination of trachoma among their population. Kh.Ch. Annaredzhepov. Trudy Turk. nauch.-issl. trakh. inst. 9:30-44 '66.
Experience in eliminating trachoma in some districts and cities of Turkmen S.S.R. Kh.Ch. Annaredzhepov. Trudy Turk. nauch.-issl. trakh. inst. 9:34-38 '66.
Prophylactic observations of sanitized foci of trachoma. L.A. Kostuchenko, M.I. Palagin. Trudy Turk. nauch.-issl. trakh. inst. 9:126-125 '66.
Recurrence and reinfections of trachoma and measures for their prevention. R.G. Shlegel' and others. Trudy Turk. nauch.-issl. trakh. inst. 9:115-119 '66.
- TURKMENISTAN—CONSTRUCTION INDUSTRY—FINANCE**
What is new in financing and issuing credit to construction industry in Turkmenistan. N. Babayev. Fin. SSSR 40 no. 7:53-57 JI '66.
- TURKMENISTAN—EARTHQUAKES**
Traces of earthquakes in Kerkik District of Turkmenistan. I.A. Sergin. Izv. vyz. ucheb. zav.; geol. i razv. 9 no. 5: 150-152 Je '66.
- TURKMENISTAN—ECONOMIC POLICY**
Orozov, Bilyali. [September Plenum of the Central Committee of the CPSU and the outlook for the economic development of the Turkmen S.S.R.] Sentineli "kii Plenum TsK KPSS i perspektivy razvitiya narodnogo khozyaystva Turkmenской SSR. Ashkhabad, "Turkmenistan," 1966. 25 p.
- TURKMENISTAN—HEALTH EDUCATION**
Forms and methods of sanitary educational work in rural areas in extinction period of trachoma. A.B. Berdyev and others. Trudy Turk. nauch.-issl. trakh. inst. 9:126-130 '66.
- TURKMENISTAN—HISTORICAL RESEARCH**
A conference of Turkmen historians in Krasnovodsk. N.V. Atanamedov. Ist. SSSR 10 no. 3:210-220 My-Je '66.
- TURKMENISTAN—HOSPITALS, OPHTHALMIC AND AURAL**
Therapeutic, educational, methodological and scientific activity of ophthalmological ward of Republic N.1. Pirogov Hospital in 1964. S.K. Karanov, P.S. Sultanova. Trudy Turk. nauch.-issl. trakh. inst. 9:182-186 '66.
- TURKMENISTAN—LACRIMAL ORGANS—DISEASES**
Lesions of lacrimal ducts in trachoma and their treatment under Turkmenistan conditions. M.S. Mortalin, A.I. Zheltova, T.N. Kuznetsova. Trudy Turk. nauch.-issl. trakh. inst. 9:110-114 '66.
- TURKMENISTAN—OPHTHALMOLOGY**
40 years of Turkmen S.S.R. and development of ophthalmology. S.K. Karanov. Trudy Turk. nauch.-issl. trakh. inst. 9:5-10 '66.
Ophthalmological science in practice of public health. S.K. Karanov. Trudy Turk. nauch.-issl. trakh. inst. 9:23-28 '66.
- TURKMENISTAN—PEAS**
Planting time for peas and chick-pea in Turkmenistan. A. Gelsenov, L. Dashkova. Zerk. i masl. kul't. 1 no. 1: 36 '66.
- TURKMENISTAN—PUBLIC HEALTH**
Ophthalmological science in practice of public health. S.K. Karanov. Trudy Turk. nauch.-issl. trakh. inst. 9:23-28 '66.
- TURKMENISTAN—ROCKS, SEDIMENTARY**
Petrography of Paleogene sediments in western Turkmenistan. R.G. Samvelov. Izv. vyz. ucheb. zav.; nef't i gaz 9 no. 3:52 '66.
- TURKMENISTAN—SHEEP BREEDING**
What obstructs our planning. A. Amanamedov. Part. zhizn' no. 17:65-66 S '66.
- TURNING**
Improving surface smoothness of ceramic-metal anti-friction material. G.L. Khaet, L.M. Korchi. Tekhn. i org. proizv. no. 1:29-31 Ja-F '66.
- TUROVA-POLIAK, MARIA BENEDIKTOVNA, 1899-1965**
In memory of M.B. Turova-Poliak. A.F. Plate. Zhur. obshch. 36 no. 7:1337-1343 JI '66.
- TUVA A.S.S.R.—CALCITE**
Genesis and prospecting-evaluation prerequisites of the manifestation of optical calcite in Tuva. N.P. Ermakov. Trudy VNIIP [MS] 1 no. 1:81-88 '57.
- TUVA A.S.S.R.—GRANITE**
Intrusion phases and facies variations of granitoids of the Bityayinsk Massif (western Tuva). A.I.A. Kochetkov. Bull. MOIP, Otd. geol. 41 no. 2: 135-136 Mr-Apr '66.
- TUVA A.S.S.R.—LAND—CLASSIFICATION**
Land and water resources of the Tuva A.S.S.R. K.O. Shkharzhik. Bull. MOIP, Otd. geol. 41 no. 2: 147-149 Mr-Apr '66.
- TUVA A.S.S.R.—WATER RESOURCES DEVELOPMENT**
Land and water resources of the Tuva A.S.S.R. K.O. Shkharzhik. Bull. MOIP, Otd. geol. 41 no. 2: 147-149 Mr-Apr '66.
- TUZYMAZY OIL FIELD—CERESIN**
Plant experiment in obtaining cereals with 75° melting temperature from petrobium of Tuymazy stock tank oil. V.V. Vorob'eva, I.I. Chereka, B.A. Sobolev. Neftoprom. i neftekhim. no. 7:19-22 '66.
- TUZYMAZY OIL FIELD—SANDSTONE**
Effect of fresh water on the compressibility factor of Devonian sandstones in the Tuymazy oil field. M.M. Vysotskii, V.V. Davidskannov. Neftoprom. i neftekhim. no. 5:10-11 '66.
- 2, 4-D**
Change in the susceptibility of monocotyledons and dicotyledons to 2, 4-D depending on soil moisture. IU, M. Khodorovskii, Khim. v sel'skhoz. 4 no. 8:40-44 Ag '66.
- TYPEWRITERS—MAINTENANCE AND REPAIR**
Vol'pashov, L.N., and B.M. Kravchenko. [Repair of office machines] Remont kantel'nykh pis'mushchikh mashin. Izd. 2, dop. i perer. Moskva, Legkaya industriya, 1966. 177 p.
- TYPHOID FEVER—PREVENTIVE INOCULATION**
Response reaction of the body to the introduction of chemical precipitated typhoid-paratyphoid vaccine. L.K. Dobrodeeva. Zhur. mikrobiol., epid. i immunit. 43 no. 4:143-144 Ag '66.
- TYROSINE TRANSAMINASE**
Separation of L-tyrosine-2-hydroxyglutaric acid-amino-transferases from the rat liver and changes in the enzyme fraction following the introduction of hydrocortisone. F.B. Lovin. Dokl. AN SSSR 166 no. 6: 1422-1424 Je '66.
- UGAN VALLEY—CALCITE**
Some characteristics of calcite crystals from the Ugan basin. A.V. Skropyshev. Trudy VNIIP [MS] 4 no. 2: 49-62 '66.
- UGANDA—DESCRIPTION AND TRAVEL**
Shaposhnikova, V.D. [The great safari: a travel diary] Bolshoe safari: dnevniki puteshesviya. [Moskva] Molekula gvardiya, 1966. 187 p.
- UKRAINE**
[The Ukrainian Soviet Socialist Republic] Ukrains'ka Radians'ka Sotsialistichna Respublika. Kyiv, Holovna red. Ukrains'koj Radians'koj entsyklopedii. AN URSR [1966] 807 p. (Ukrains'ka Radians'ka entsyklopedii)
- UKRAINE—ADMINISTRATIVE AGENCIES**
People's Secretariat was the first government of Soviet Ukraine. A. Rogozhyn, L. Melneskulov. Rad. pravo 29 no. 7:19-23 JI '66.

UKRAINE—AGRICULTURE

Thoughts of an agronomist. I. I. Konovaleiko. *Zemledelie* 28 no. 5:64-66 My '66.

UKRAINE—APPELLATE PROCEDURE

Raise the quality of the reviewing work of province courts in appellate proceedings. R. Sidenko. *Rad.pravo* 29 no. 7:14-18 JI '66.

UKRAINE—ARBITRATION AND AWARD

Decisions of arbitration agencies. *Rad.pravo* 29 no. 8: 95 Ag '66.

Recent legislative enactments. *Rad.pravo* 29 no. 2: 103-105 F '66.

UKRAINE—ARBITRATION AND AWARD—CASES

Arbitration practice. *Rad.pravo* 29 no. 7:102-103 JI '66.

UKRAINE—BIBLIOGRAPHY—PHARMACY

Training of pharmaceutical personnel in the Ukrainian S.S.R. I. M. Hubs'kyi. *Farmatsev. zhur.* 20(1, e. 21) no. 4:75-84 '66.

UKRAINE—BITS (DRILLING AND BORING)

Using single-cone bits in drilling wells in prospect areas of the Ukraine. V. P. Ozeril and others. *Neft. i gaz. prom.* no. 2:17-19 Mr-Apr '66.

UKRAINE—BOOKSELLERS AND BOOKSELLING

Ahuf, M. A., and N. T. Koval'. [Bring the book to the masses; book trade in the Soviet Ukraine, 1918-1964. Brief history outline.] *Knyhu — v masy; knyzhkovna torhivla v Radians'kii Ukraini 1918-1964. Korotkyi istorichnyi narys.* Kharkiv, Red.-vydavnychyi Knzhkovol palaty URSR, 1965. 163 p.

UKRAINE—CATTLE—FEEDING AND FEEDS

Use of synthetic nitrogen-containing substances in cattle feeding in the Ukraine. G. F. Semenovskii. *Khim. v sel'. khoz.* 4 no. 8:75-79 Ag '66.

UKRAINE—CIVIL LAW

Consultation. *Rad.pravo* 29 no. 7:111-112 JI '66.

Practice of the Supreme Court of the Ukrainian S.S.R. *Rad.pravo* 29 no. 7:96-100 JI '66.

UKRAINE—COAL MINES AND MINING—FINANCE

Use of idle amortization deduction funds for capital repairs. S. Pargula. *Fin. SSSR* 40 no. 8:36-38 Ag '66.

UKRAINE—COLLECTIVE FARMS—AUDITING AND INSPECTION

Make every effort to guard the grain on collective farms. M. Naidenko, E. Stasiuk. *Rad.pravo* 29 no. 7:34-39 JI '66.

UKRAINE—COLLECTIVE FARMS—MANAGEMENT

Supervision practice over law observance in farming. P. Petrenko. *Sots. zakon.* no. 5:60-62 My '66.

UKRAINE—CONSTRUCTION INDUSTRY—FINANCE

Progressive form of payments for the finished construction. B. Lisitsyn. *Fin. SSSR* 40 no. 8:49-54 Ag '66.

UKRAINE—CORN (MAIZE)—IRRIGATION

Content of available forms of nitrogen, phosphorus, and potassium in the soil and their uptake by plants under various methods of irrigation. S. S. Radvanska, G. A. Ronsal', E. V. Novitskii. *Trudy UkrNIGMI* no. 63:61-71 '66.

Effect of the methods of irrigation on the microbiological processes in soils. V. T. Smalil, V. F. TSyfir, L. P. Perepliak. *Trudy UkrNIGMI* no. 63:85-95 '66.

Yield and quality of corn under sprinkler and furrow irrigation in the southern Ukraine. S. M. Derkach and others. *Trudy UkrNIGMI* no. 63:43-48 '66.

UKRAINE—CRIME PREVENTION

The 23d Congress of the CPSU and the tasks of the procuracy organs of the Ukraine. F. Glukh. *Rad.pravo* 29 no. 7:3-7 JI '66.

UKRAINE—CRIMINAL INTENT

Intent and purpose of a criminal act must be proven. G. Omel'ianenko. *Rad.pravo* 29 no. 7:50-52 JI '66.

UKRAINE—CRIMINAL LAW

Practice of the Supreme Court of the Ukrainian S.S.R. *Rad.pravo* 29 no. 7:96-100 JI '66.

UKRAINE—CRIMINAL PROCEDURE

Further revision of criminal procedure rules expected by the practitioners. IU. Korneev. *Rad.pravo* 29 no. 7:77-79 JI '66.

UKRAINE—DRUG INDUSTRY

Development of the chemopharmaceutical industry in the Ukrainian S.S.R. M. H. Iena. *Farmatsev. zhur.* 21 no. 3:71-78 '66.

UKRAINE—DRUGSTORES

How we organized work in the central district drugstore. P. I. Sukhov. *Farmatsev. zhur.* 20(1, e. 21) no. 4:87-89 '66.

More attention to drugstore work. O. O. TSybenko. *Farmatsev. zhur.* 20(1, e. 21) no. 4:85-87 '66.

UKRAINE—EARTH—SURFACE

Subsurface structure of the earth's crust along the meridional intersection of the Black Sea and the Voronezh Massif. V. B. Sollogub and others. *Geofiz. sbor.* no. 15:46-58 '66.

UKRAINE—ECONOMIC CONDITIONS

Ocherodnyk, S. I. A. [Production and distribution during period of large-scale building of communism.] *Vyrobnytstvo i rozpodil u period rozhoratoho budivnytstva komunizmu.* Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1965. 245 p. (Ncu)

UKRAINE—EDUCATION

Ukraine. Ministerstvo prosvishchenia. [Development of public education in the Ukrainian Soviet Socialist Republic in the 1963-1965 school year; a report delivered at the 27th International Conference on Public Education, Geneva July 1964.] *Razvitie narodnogo obrazovaniia v Ukraini* Sovetskoi Sotsialisticheskoi Respublike v 1963-1964 uchebnom godu; doklad, predstavlenyi XXVII Mezhduнародnoi konferentsii po narodnomu obrazovaniiu, Zheneva, Iul', 1964 g. Kiev, 1964. 107 p. [In Russian, English, French, and Spanish]

UKRAINE—ELECTRIC POWER PRODUCTION

Technological progress of the Ukrainian S.S.R. V. V. Shanin. *Energ. i elek.* no. 3:7-10 My-Je '66.

UKRAINE—ELECTRIFICATION

Electrification of the Ukraine in the new five-year plan. K. M. Pobegallo. *Energ. i elek.* no. 3:3-6 My-Je '66.

UKRAINE—EVIDENCE, CRIMINAL

Further revision of criminal procedure rules expected by the practitioners. IU. Korneev. *Rad.pravo* 29 no. 7:77-79 JI '66.

Intent and purpose of a criminal act must be proven. G. Omel'ianenko. *Rad.pravo* 29 no. 7:50-52 JI '66.

Ukraine. Exchanges, literary and scientific international contacts of Ukrainian libraries. V. S. Babych. *Bibliot. ta bibl.* no. 2:65-68 '66.

UKRAINE—FAULTS (GEOLOGY)—CLASSIFICATION

Classification of disjunctive dislocations in the Ukrainian S.S.R.; based on geophysical data. M. V. Chirivskaia. *Geofiz. sbor.* no. 15:92-105

UKRAINE—FEBRUARY REVOLUTION, 1917

Kharitonov, V. L. [February Revolution of 1917 in Ukraine.] *Lutnevii revoliutsiia 1917 roku na Ukraini.* Kharkiv, univ., 1966. 258 p.

UKRAINE—FIELD CROPS—FERTILIZERS AND MANURES

Effectiveness of fertilizers in the soil and climatic zones of the Ukraine. A. M. Vyshinskii. *Khim. v sel'. khoz.* 4 no. 6:2-6 Je '66.

UKRAINE—FOREIGN ECONOMIC RELATIONS—POLAND

History of Ukrainian contacts with Poland in 1918-1920. A. O. Dziedzic. *Pyt. nov. ta novit. ist.* no. 2:25-40 '65.

UKRAINE—GAS, NATURAL—GEOLOGY

Problem of oil and gas potentials in the Ukraine in the light of the fracture-and-block tectonics of her territory. I. I. Chebanenko. *Dokl. AN SSSR* 100 no. 6: 1387-1390 Je '66.

UKRAINE—GEOPHYSICS

Basic stages in the development of geophysical science in the Ukraine. I. A. Balabushevich. *Geofiz. sbor.* no. 15:11-25 '66.

UKRAINE—GOVERNMENT OWNERSHIP

Defense of a doctoral dissertation. L. T. Ukr. ist. zbur. 10 no. 6:151 Je '66.

UKRAINE—HISTORY

Dikova'nyi, Andrii. [Collection of reminiscences and articles.] *Zbirka spokiadiv i statii.* [Clifton, New Jersey] 1966. 66 p.

UKRAINE—HISTORY—BIBLIOGRAPHY

A bibliography of bibliographies on the history of the Ukrainian S.S.R., 1960-1965 (continuation).

UKRAINE—IRRIGATION

Irrigation in regions of insufficient moisture. A. I. Gorakii. *Zemledelie* 28 no. 5:16-23 My '66.

Phosphate balance of southern Chernozems and dark chestnut soils in the Ukraine under irrigation. V. D. Kisel', G. M. Krivonosova. *Trudy UkrNIGMI* no. 63: 72-84 '66.

UKRAINE—JUSTICE, ADMINISTRATION OF

Brief news. *Rad.pravo* 29 no. 8:106-108 Ag '66.

UKRAINE—JUVENILE COURTS

Further revision of criminal procedure rules expected by the practitioners. IU. Korneev. *Rad.pravo* 29 no. 7:77-79 JI '66.

UKRAINE—JUVENILE DELINQUENCY

We should try to reduce the delinquency of the young. H. Tokar, IU. Chudkov. *Rad.pravo* 29 no. 8:74-77 Ag '66.

UKRAINE—LABOR AND LABORING CLASSES

Ukraine. Tsentralnyi gosudarstvennyi intertobesku arkhiiv. [Labor movement in Ukraine, June 1907-October 1910; collection of documents.] *Rukhnychyi rokh na Ukraini, chervent' 1907 r. - zhovtien' 1910 r.; zbirnykh dokumentiv.* Kyiv, Naukova dumka, 1965. 333 p. (CROPU)

UKRAINE—LABOR LAWS AND LEGISLATION

Protection of labor rights of persons. V. Mosenko. *Rad.pravo* 29 no. 7:75-76 JI '66.

UKRAINE—LAW

New laws. *Rad.pravo* 29 no. 7:104-105 JI '66.

Recent legislative enactments. *Rad.pravo* 29 no. 2: 97 Ag '66.

UKRAINE—LAW—CASES

Decisions of the Supreme Court of the Ukrainian S.S.R. *Rad.pravo* 29 no. 2:94-96 F '66.

Decisions of the Supreme Court of the Ukrainian S.S.R. *Rad.pravo* 29 no. 6:87-93 Ag '66.

Practice of the procuratorial supervision. *Rad.pravo* 29 no. 7:101 JI '66.

UKRAINE—LAW—PERIODICALS

Our report to the readers of this periodical. *Rad.pravo* 29 no. 2:91-93 F '66.

UKRAINE—LAW—STUDY AND TEACHING

Strengthen the role of legal science in the development of the governmental and legal system. II. Babii, V. Myrta. *Rad.pravo* 29 no. 7:2-13 JI '66.

UKRAINE—LAW AND COMMUNISM

Strengthen the role of legal science in the development of the governmental and legal system. II. Babii, V. Myrta. *Rad.pravo* 29 no. 7:2-13 JI '66.

UKRAINE—LIABILITY (LAW)

Raise property liability for nonperformance of contractual obligations. O. Solozhenov, A. Bylov. *Rad.pravo* 29 no. 7:62-63 JI '66.

UKRAINE—LIBRARIES

Development of Ukrainian libraries in 1946-1961. Z. V. Hymadulova. *Bibliot. ta bibl.* no. 8:129-141 '65.

UKRAINE—LOESS

Chemical and phytochemical characterization of loess in the southern part of the Ukraine. V. F. Kravet, I. O. Davydjuk, L. H. Borzhilova. *Dop. AN URSR* no. 7:191-194 '66.

History of the development of opinions on the origin of loess in the southern part of the Ukraine. E. V. Ilyeva. *Izv. vyp. ucheb. zav. i spol. i razv.* 0 no. 6: 145-148 Je '66.

UKRAINE—MACHINERY INDUSTRY—MANAGEMENT

Improving structure of machine-tool stock in machinery industry of Ukrainian S.S.R. N. M. Lyub. *Tekhn. i org. prozv.* no. 1:94-98 Ja-F '66.

Objectives of Ukrainian machinery industry in 1966. *Tekhn. i org. prozv.* no. 1:1-4 Ja-F '66.

UKRAINE—MANTIDS

Praying mantis, a newcomer from the south. V. Evchenko. *Zashch. rast.* II no. 7:41 '66.

UKRAINE—METEOROLOGICAL RESEARCH

Experimental meteorological observation ground. G. F. Prilutsko, A. I. Furman. *Meteor. i gidrol.* no. 1: 52-54 JI '66.

UKRAINE—NEWSPAPERS—BIBLIOGRAPHY

Knzhkovna palata Ukrainy'kol URSR. [Periodical publications of the Ukrainian S.S.R., 1917-1960; newspapers. A bibliographic reference book.] *Periodychni vydannia URSR, 1917-1960; gazety. Bibliografichnyi dovidnyk.* Kharkiv, Radkalsno-vydavnychyi vihid Knzhkovol palaty URSR, 1965. 875 p.

UKRAINE—NOTARIES

Consultation. *Rad.pravo* 29 no. 7:111-112 JI '66.

UKRAINE—OFFENSES AGAINST SOCIALIST PROPERTY

Make every effort to guard the grain on collective farms. M. Naidenko, E. Stasiuk. *Rad.pravo* 29 no. 7:34-39 JI '66.

UKRAINE—OIL SANDS—ANALYSIS

Lower limits of reservoir properties of producing rocks in certain fields of the Ukraine. I. A. Mukharinskola. *Neftegaz. geol. i geofiz.* no. 6: 6-9 '66.

UKRAINE—OIL WELL PUMPS

Efficiency of using deep well pumps in oil fields of the Ukrainian S.S.R. I. G. Zeleniuk. Neft. i gaz. prom. no. 2:32-35 Mr-Apr '66.

UKRAINE—ORE DEPOSITS

Plaksin, I. N. [Modern trends in studying selective flotation for nonferrous and rare metal ores; report at the all-Union scientific conference on the subject "Prospects for developing selective flotation of nonferrous, rare, and ferrous metal ores and placers especially from deposits in the Ukraine," Simferopol', September 28-October 11, 1965] Sovremennyye napravleniya issledovaniy selektivnoy flotatsii rud tsvetnykh i redkikh metallov; doklad na Vsesoyuznom nauchnom sveshchani po teme "Perspektivy razvitiya selektivnykh flotatsionnykh osobennostey mestorozhdeniy Ukrainy," g. Simferopol', 28 sentyabrya-11 oktyabrya 1965 g. Moskva, In-1 gornogo dela im. A. A. Skochinskogo, 1965, 20 p.

UKRAINE—ORGANOPHOSPHORUS COMPOUNDS

Present state and future development of scientific research in chemistry of organophosphorus compounds and their application. Dop. AN USSR no. 7:987-988 '66.

UKRAINE—ORIENTAL STUDIES

History of Oriental studies in the Soviet Ukraine. I. M. Fal'kovich. Nar. Az. i Afr. no. 4:270-278 '66.

UKRAINE—PERFORMANCE (LAW)

Raise property liability for nonperformance of contractual obligations. O. Seleznev, A. Bykov. Rad. pravo 29 no. 7:62-63 Ji '66.

UKRAINE—PETROLEUM GEOLOGY

Problem of oil and gas potentials in the Ukraine in the light of the fracture-and-block tectonics of her territory. I. I. Chebanenko. Dokl. AN SSSR 168 no. 6: 1387-1388 Je '66.

UKRAINE—PETROLEUM REFINING—LABOR PRODUCTIVITY

Certain problems of labor productivity in the petroleum refining industry of the Ukraine. V. A. Bugrov, G. A. Neverov. Neft. i gaz. prom. no. 3:41-43 Mr-Apr '66.

UKRAINE—PHARMACY—STUDY AND TEACHING

Training of pharmaceutical personnel in the Ukrainian S.S.R. I. M. Hube'kyi. Farmatsev. zhur. 20 [s. e. 21] no. 4:75-84 '66.

UKRAINE—PUBLIC PROSECUTORS

In the Procuracy of the Ukrainian S.S.R. Rad. pravo 29 no. 7:110 Ji '66.

Practice of the procuratorial supervision. Rad. pravo 29 no. 7:101 Ji '66.

Supervising the observance of labor laws. V. Kharkov. Rad. pravo 29 no. 8:37-39 Ag '66.

Supervisory work of public prosecutors. Rad. pravo 29 no. 8:94 Ag '66.

The 23d Congress of the CPSU and the tasks of the procuracy organs of the Ukraine. F. Glukh. Rad. pravo 29 no. 7:3-7 Ji '66.

UKRAINE—REVOLUTION, 1917-1921

Dissemination of "Pravda" in Ukraine in 1917 and its role in popularization of V. I. Lenin's works. O. I. Kolmyichenko. Bibliot. ta bibl. no. 2:101-112 '65.

People's Secretariat was the first government of Soviet Ukraine. A. Rogozhyn, L. Maimeskulov. Rad. pravo 29 no. 7:19-23 Ji '66.

Skliarenko, I. E. M. [Working class of the Ukraine in the years of the civil war, 1918-1920; essays] Robitnychi klas Ukrainy v roky hromadnans'kot vilny, 1918-1920 rr.; narysy. Kyiv, Naukova dumka, 1965, 213 p.

UKRAINE—RUSSIAN NEWSPAPERS

Publication of first legal Marxist newspapers after victory of February Revolution in Ukraine, 1917. T. O. Skrypnyk. Bibliot. ta bibl. no. 2:113-127 '65.

UKRAINE—SOCIAL SCIENCE RESEARCH

Present state and means of improvement in coordination of social sciences in Ukrainian S.S.R. Dop. AN USSR no. 7:988-989 '66.

UKRAINE—SOCIOLOGY—RESEARCH

Studies in the field of applied sociology in the Ukrainian Republic. P. Horyshnyi, V. Mryha. Rad. pravo 29 no. 8:61-64 Ag '66.

UKRAINE—STATISTICS

[National economy of Ukrainian S.S.R. for 1964; statistical yearbook] Narodne hospodarstvo Ukrainy kol SSR v 1964 rotsi; statystychnyi shchori-chnyk. Kyiv, Statystyka, 1965, 693 p.

UKRAINE—WATER SUPPLY, RURAL

Interinstitute scientific and technological conference. N. I. Roman'ko. Gidr. i mel. 18 no. 7:63 Ji '66.

UKRAINE—WEED CONTROL

Controlling Acroptilon pleuris. V. M. Krut', A. G. Sulima. Zemledelle 28 no. 5:44-46 My '66.

UKRAINE—WHEAT

Pea as crop preceding winter wheat. S. P. Kaplunovskii. Zemledelle 28 no. 7:41-43 Ji '66.

Winter wheat in Ukrainian steppe. A. Zadontsev, V. Bondarenko. Zerk. i masl. kul't. 1 no. 1:16-20 '66.

UKRAINE—WOOD-USING INDUSTRIES

Achievements of science and technology in production. V. A. Shevchenko. Lis. pap. i der. prom. no. 3: 32-33 My-Je '66.

Pay attention to technological progress. B. P. Zolotar'ov. Lis. pap. i der. prom. no. 3: 3-5 My-Je '66.

UKRAINE—WOOD-USING INDUSTRIES—FINANCE

Working capital of the lumbering, woodpulp and paper, and woodworking industries of the Ukraine. D. P. Lohutov. Lis. pap. i der. prom. no. 3: 29-31 My-Je '66.

UKRAINE—WORLD WAR, 1939-1945

Heroic battles of the Soviet Army in the Ukraine in June-October 1941. I. H. Iakubovskiy. Ukr. ist. zhur. 10 no. 6:3-15 Je '66.

Kiev. Derzhavnyi istorichnyi muz. [Guidebook to the battle of the section, "The Ukrainian S.S.R. during the years of the Great Patriotic War, 1941-1945"] Putovodit' po zalam otela "Ukrainskaya SSR v gody Velikoi Otechestvennoi volny, 1941-1945 gg." Kiev, Gospolitizdat USSR, 1963, 80 p.

Participation of the party organizations of the Ukraine in the establishment of defense lines during the early phase of the Great Patriotic War. S. M. Kyrychenko. Ukr. ist. zhur. 10 no. 6:64-71 Je '66.

UKRAINE—WORLD WAR, 1939-1945—AERIAL OPERATIONS

Vorobeychik, A. V. [Down over Kiev] Rassevet nad Klevom. Moskva, Voentizdat, 1966, 190 p. (Voennye memuary)

UKRAINE—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

A veteran's word. A. Stepanenko. Voenn. znan. 42 no. 8:30-31 Ag '66.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Fedorov, A. F. [Underground province party committee in action. As told to Evgenii Bosnitski] Pidp'nyl obkom dle. Literaturnyi zapys IEV. Bosnitski'koho. Kyiv, Dorsl. vyd-vo khudozh. lit-ry, 1964, 507 p. (CU) (NN)

The year 1941 in the Ukraine: resistance to fascist invaders in the occupied provinces of the Ukrainian S.S.R. in the light of new documentary materials. M. D. Dintenko. Ukr. ist. zhur. 10 no. 8:118-122 Je '66.

UKRAINE, WESTERN—HISTORICAL RESEARCH

A conference on archival studies and auxiliary historical fields. N. F. Vradil. Ukr. ist. zhur. 10 no. 6:148-149 Je '66.

UKRAINE, WESTERN—PETROLEUM GEOLOGY

Recovery of rocks in the Karpatian series in the West Ukrainian gas- and oil-bearing region. O. V. Zaritskaya. Neft. i gaz. prom. no. 6:9-14 '66.

UKRAINE, WESTERN—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Underground publications of the "Narodna gvardia" in 1942-1943. V. D. Varshina, K. S. Vakulenko. Ukr. ist. zhur. 10 no. 8:66-69 Je '66.

UKRAINIAN ARTISTS see Artists, Ukrainian

UKRAINIAN FOLK MUSIC see Folk music, Ukrainian

UKRAINIAN LANGUAGE—FOREIGN WORDS AND PHRASES—WHITE RUSSIAN

Some problems concerning White Russian-Ukrainian linguistic contacts in the ancient period. A. I. Zhuravskii. Vestn. AN USSR. Ser. brann. nav. no. 2:79-87 '66.

UKRAINIAN LANGUAGE—STYLE

Moskalenko, A. A. [Ukrainian literary language after the October Revolution; a general survey] Ukrain'ska literaturna mova piсля Zhovtnia; zahal'nyi ohrad. Lektsiia dla studentiv zaochnykhiv. Kharkiv, Radlans'ka shkola, 1965, 37 p. (CNOTU)

UKRAINIAN WIT AND HUMOR see Wit and humor, Ukrainian

UKRAINIANS see subdivisions under Canada; Poland

ULAN-BATOR

Ulan-Bator. Ulan-Bator, Izd. tsentral'nogo vpr. Khuralov narodnykh dopulativ [1961] 47 p.

ULAN-UDE—HALOGENS

Studying iodine and other halogen content of soils, waters, and plants in areas of Ulan-Ude. V. G. Kamenov. Khim. v sel. khoz. 4 no. 7:69-62 Ji '66.

ULASHCHIK, NIKOLAI NIKOLAEVICH, 1906-

N. N. Ulashchik's 60th birthday. V. I. Buganov. Ist. SSSR 10 no. 3:227 My-Je '66.

ULCERS

Morphology of adenomyomas of the gastrointestinal tract with ulcers and cancer developing from them. G. A. Berlov. Arkh. pat. 28 no. 6:90-95 '66.

UL'IANOVA, MARIA IL'INICHNA, 1878-1937

Ershov, D. A. Mariia Il'ichna Ul'ianova. [Izd. 2., ispr. i dop.] Saratov, Privolzhskoe knizhnoe izd-vo, 1965, 180 p. (CSI-II)

ULTRASONIC COAGULATION

Mechanism underlying the formation of coagulation structures in aqueous dispersions of polyglycolate and hydromen under the effect of ultrasound. N. N. Kruglitskii and others. Dokl. AN SSSR 169 no. 1: 150-153 Ji '66.

ULTRASONIC TESTING

Reducing factory rejects of killed carbon steel plate due to oxidation. E. A. Freidenzon and others. Stal' 26 no. 6:502-505 Je '66.

Ultrasonic method of investigating the structural changes of peat in the process of moisture desorption. M. P. Volovych and others. Koll. zhur. 28 no. 3:339-342 My-Je '66.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Effect of ultrasonic waves on the degree of perfection of single crystals of aluminum grown out of a melt. I. G. Pototskii and others. Fiz. met. i metalloved. 21 no. 5: 727-731 My '66.

Effect of ultrasonic waves on the structure and properties of the Al4 alloy. L. J. Levi, G. S. Knizhnik, L. M. Maslon. Liz. proizv. no. 5:37-39 My '66.

Khorbenko, I. G. [Ultrasonics in the machinery industry] Ul'trazvuk v mashinostroenii. Moskva, Mashinostroenie, 1966, 180 p.

Poplav, L. A. [Physicochemical principles of ultrasonic cleaning] Fiziko-khimicheskie osnovy ul'trazvukovoi oshchistki. Leningrad, 1966, 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Progressivnye metody obrabotki materialov)

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Changes in function of nervous system and some other body systems under chronic effect of ultrahigh-frequency radio waves. N. V. Tagin, N. V. Uspenkova. Zhur. nevro. i psikh. 68 no. 8:1132-1136 '66.

ULTRASONIC WAVES—THERAPEUTIC USE

Ultrasound in the treatment of some skin diseases. T. T. Tadzhidzev, V. I. Arshev. Sov. med. 20 no. 7: 131-134 Ji '66.

Ultrasound in the treatment of traumas of the peripheral nervous system. M. I. Antropova. Trudy TSNU 31: 41-47 '65.

ULTRASONIC WELDING

Ginzburg, S. K., M. P. Zaitsev, and I. V. Khlopov. [Ultrasonic spot welding of copper used in electrical engineering] Ul'trazvukovna tochechna svarka elektrotekhnicheskoi madi. Leningrad, 1966, 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Progressivnye formyobrazovaniya)

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

DNA synthesis in the culture of cells irradiated with ultraviolet light. V. V. Terezhnik. Radiatsiologiya 6 no. 3:510-515 '66.

Effect of multiple irradiation with intermittent current ultraviolet radiation on the higher nervous activity in white rats. A. A. Kryyova. Fiziol. zhur. [Ukr.] 12 no. 4:447-451 Ji-Ag '66.

Effect of ultraviolet rays on some properties of the blood in chicken pullorum disease. Kh. G. Adzhemian. Biol. zhur. Arm. 10 no. 8:67-72 Je '66.

Specificity of repair mechanisms of the bacterial cell damaged by ultraviolet and X rays. V. D. Zhehtanikov. TSitologiya 8 no. 3:404-409 My-Je '66.

UL'YANOVSK—STORES, RETAIL—DESIGN AND CONSTRUCTION

The Ul'yanovsk trade system is being reconstructed. B. Gamsa. Sov. targ. 30 no. 7:24-28 Ji '66.

UL'YANOVSK PROVINCE—GEOLOGY, STRATIGRAPHIC

Kazan stage in the southern part of Tatarstan and the northern part of Ul'yanovsk Province. F. S. Mulkovskii. Dokl. AN SSSR 169 no. 1:189-191 Ji '66.

UNDERDEVELOPED AREAS—BALANCE OF PAYMENTS

Developing countries and the world foreign exchange system of capitalism. K. Chizhov. Fiz. SSSR 40 no. 7:85-89 Ji '66.

- UNDERDEVELOPED AREAS—ECONOMIC CONDITIONS**
Economic significance and branch composition of infrastructure in developing countries. N.Z. Volchek. Vest. LGU 21 no.11:37-45 '66.
Theoretical foundation for the noncapitalist road of development. A.G. Bachagov. Nar. Az. i Afr. no. 4: 59-66 '66.
- UNDERDEVELOPED AREAS—FINANCE**
Work on the finances of developing countries. V. Arkhi-pov. Fin. SSSR 40 no. 8:89-91 Ag '66.
- UNDERGROUND STRUCTURES—CORROSION**
Investigating the effect of frequency and form of stray currents on soil corrosion of metals in oil field structures. A.A. Spirin, E.K. Egorov, K.N. Afonskil. Izv. vys. ucheb. zav. i gaz. 9 no. 3:105-107 '66.
- UNDERGROUND WATER** see Water, Underground
- UNDULANT FEVER** see Brucellosis
- UNEMPLOYED**
Gollo, V.S. [Theoretical justification of unemployment; bourgeois theories of employment] Teoreticheskoe opravdanie bezrabotitsy; burzhuaznye teorii zaniatosti. Moskva, Mysl', 1966. 123 p.
- UNION CATALOGS** see Catalogs, Union
- UNION OF SOVIET SOCIALIST REPUBLICS** see Russia
- UNION REPUBLICS—CIVIL LAW**
Vsesoiuznyi nauchno-issledovatel'skii institut sovetskogo zakonodatel'stva. [New civil and civil procedure codes of the union republics; abstracts of reports for the scientific conference of the All-Union Research Institute on Law, October 14-15, 1964] Novye grazhdanskii i grazhdanskii protsessual'nye kodeksy sovietskikh respublik; tezisy dokladov k nauchnoi konferentsii VNIESZ 14-15 oktiabria 1964 g. Moskva, 1964. 28 p.
[MICROFILM]
- UNION REPUBLICS—CIVIL PROCEDURE**
Vsesoiuznyi nauchno-issledovatel'skii institut sovetskogo zakonodatel'stva. [New civil and civil procedure codes of the union republics; abstracts of reports for the scientific conference of the All-Union Research Institute on Law, October 14-15, 1964] Novye grazhdanskii i grazhdanskii protsessual'nye kodeksy sovietskikh respublik; tezisy dokladov k nauchnoi konferentsii VNIESZ 14-15 oktiabria 1964 g. Moskva, 1964. 28 p.
[MICROFILM]
- UNION REPUBLICS—COURTS**
In the procuracies and supreme courts of the Union Republics. Sots. zakon. no. 5:79 My '66.
- UNION REPUBLICS—PUBLIC PROSECUTORS**
In the procuracies and supreme courts of the Union Republics. Sots. zakon. no. 5:79 My '66.
- UNITED NATIONS**
On the eve of the session of the U.N. General Assembly. Nov. vrem. 24 no. 38:1-3 S '66.
Shibaeva, E.A. [Specialized agencies of the U.N.; their international aspects] Spetsializirovannye uchrezhdeniia OON; mezhdunarodnye aspekty. Moskva, IMO, 1966. 110 p.
- UNITED NATIONS—ECONOMIC ASSISTANCE**
Raul Prebisch in the Soviet Union. P. Ignat'ev. Nov. vrem. 24 no. 35:21-22 Ag '66.
- UNITED REPUBLIC OF TANGANYIKA AND ZANZIBAR** see Tanzania
- UNITED STATES—AGRICULTURE—ECONOMIC ASPECTS**
Zaitsev, N.S. [Supremacy of monopolies in U.S.A. agriculture] Gospodstvo monopolii v sel'skom khoz-iaistve SSHA. [Moskva] Izd-vo Mosk. univ., 1966. 152 p.
- UNITED STATES—BORING MACHINERY**
Present day technical level of roller bit drilling in strip mines of the U.S.A. P.I. Piatkovskii. Varyv. delo no. 58/15:61-65 '66.
- UNITED STATES—BUDGET**
The war budget. O.V. Shokarev. Mor. sbor. 49 no. 6: 83-86 Je '66.
- UNITED STATES—CAPITAL**
Renewal of capital assets and efficiency of U.S.A. industry. V. Budavet. Plan. khoz. 43 no. 8:57-65 Ag '66.
- UNITED STATES—CORRUPTION (IN POLITICS)**
"Escalation of corruption." K. Tereshchenko. Rad. pravo 29 no. 8:83-86 Ag '66.
- UNITED STATES—DESCRIPTION AND TRAVEL**
Laurinukas, Albertas. [Third side of the dollar] Trečioji dolerio pusė. Vilnius, Vaga, 1965. 397 p. illus. [In Lithuanian]
- UNITED STATES—DIPLOMATIC AND CONSULAR SERVICE**
Diplomats and generals. Bor. Dmitriev. Nov. vrem. 24 no. 34:15-16 Ag '66.
- UNITED STATES—ECONOMIC CONDITIONS**
Distorted nature of the economic and political structure of American society in the theory of "mass society." U.S. Babrauskii. Vest. AN BSSR. Ser. hram. nav. no. 2:106-113 '66.
What is happening to American economy? P. Pollakov. Nov. vrem. 24 no. 36:19 S '66.
- UNITED STATES—ELECTRIC POWER PRODUCTION**
Production of electric power by thermal power plants in advanced capitalist nations. I.A. Povolotskii. Energ. i elek. no. 3:50-51 My-Je '66.
- UNITED STATES—ELECTRONICS**
Use of electronics in industrial enterprises in the U.S.A. I.A. Vol'kovich. Prom. energ. 21 no. 6:38-39 Je '66.
- UNITED STATES—FOREIGN ECONOMIC RELATIONS**
New trends in dollar migration. V.I. Fedorov. Az. i Afr. seg. 10 no. 8:26-28 Ag '66.
- UNITED STATES—FOREIGN RELATIONS—AFRICA**
Ozadova, A.A. [Policy of the U.S.A. in Africa] Politika SSHA v Afrike. Kyiv, [Vyd-vo "Radnauka Ukraina"] 1966. 44 p. (Tovarystvo "Znamnia" Ukrainskoi RSR. Seria III, no. 5)
- UNITED STATES—FOREIGN RELATIONS—EUROPE**
Europe: Sign of the times. V. Levin. Nov. vrem. 24 no. 35:16-17 Ag '66.
European policy of Washington. S. Pliushinskii. Nov. vrem. 24 no. 36:5-6 S '66.
Washington and Europe. Nov. vrem. 24 no. 34:1-2 Ag '66.
- UNITED STATES—FOREIGN RELATIONS—PACIFIC AREA**
Expansion of the United States in the Pacific Ocean. D. Vol'skii. Nov. vrem. 24 no. 34:13-14 Ag '66.
- UNITED STATES—FOREIGN RELATIONS—SOUTH-EASTERN ASIA**
Lavrishchev, A.A. [Southeast Asia and the intrigues of the imperialists] Ugo-Vostochnaia Azia i protsiv imperialistov. Moskva, Znanie, 1966. 31 p. (Biblioteka "U politicheskoi karty mira," no. 7)
"Unite and rule!" A. Kushnir. Az. i Afr. seg. 10 no. 8: 29-30 Ag '66.
- UNITED STATES—FORGING**
Volume, structure, and specialization of forging and stamping production in the U.S.A. during the postwar years. L.L. Shevich. Trudy LIIET no. 69:84-126 '66.
- UNITED STATES—HYDRAULIC MACHINERY**
Pump with variable productive capacity and pressure compensation. V.P. Dobrotin. Prom. energ. 21 no. 6:36-40 Je '66.
- UNITED STATES—LABOR AND LABORING CLASSES**
Askol'dova, S.M. [Beginning of mass labor movement in the U.S.A., the 1880's] Nachalo massovogo rabochego dvizheniia v SSHA, 60-e XIX v. Moskva, Nauka, 1966. 220 p.
- UNITED STATES—MILITARY POLICY**
United States: Secret dinner in Texas. Nov. vrem. 24 no. 34:17 Ag '66.
- UNITED STATES—NATIONALITIES**
[Country of national lack of rights] Strana natsional'nogo bespravlia. Moskva, Politizdat, 1966. 127 p.
- UNITED STATES—NAVY—COMMUNICATION SYSTEMS**
Recent developments in the communication means of the U.S. Navy. L.D. Zamkovskii, B.A. Dorokhov. Mor. sbor. 49 no. 6: 70-82 Je '66.
- UNITED STATES—NAVY—FINANCE**
The war budget. O.V. Shokarev. Mor. sbor. 49 no. 6: 83-86 Je '66.
- UNITED STATES—NEGROES—CIVIL RIGHTS**
Struggle of the democratic forces of the U.S.A. for the civil rights of the Negroes. L.N. Anisimov. Vest. LGU 21 no. 11:127-131 '66.
- UNITED STATES—NEGROES—ECONOMIC CONDITIONS**
Economic discrimination against Negro population in the U.S.A. E. Nitoburg. Mir. ekon. i mezhdunar. otn. no. 7: 126-133 '66.
- UNITED STATES—ORIENTAL STUDIES**
The development of Oriental studies in the United States. B.N. Frye. Nar. Az. i Afr. no. 4:278-281 '66.
- UNITED STATES—POLITICS AND GOVERNMENT**
"Midterm elections" and the President's handicap. A. But-linskii. Nov. vrem. 24 no. 38:4-7 S '66.
- UNITED STATES: The shadow of McCarthyism.** G. Vaul'ev. Nov. vrem. 24 no. 36:17-18 Ag '66.
- Vipers nest of the American "ultra"** V. Moroz. Agitator no. 6:58-60 Mr '64.
- UNITED STATES—PRICES**
What is new in the change of prices for industrial goods in the U.S.A. B. Mikhlinskii. Mir. ekon. i mezhdunar. otn. no. 7:115-116 '66.
- UNITED STATES—RACE QUESTION**
[Country of national lack of rights] Strana natsional'nogo bespravlia. Moskva, Politizdat, 1966. 127 p.
In America's South. G. Kuznetsov. Nov. vrem. 24 no. 34:25-28 Ag '66.
Unity of Negro and white people in their struggle against race discrimination in United States of America. E.S. Lazik. Pyt. nov. ta novit. int. no. 2:126-130 '66.
- UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA**
Baidoviltinov, N.N. [Formation of Russian-American relations, 1775-1815] Stanovlenie russko-amerikanskikh otnoshenii, 1775-1815. Moskva, Nauka, 1966. 638 p.
- UNITED STATES—RELATIONS (MILITARY) WITH SOUTHEASTERN ASIA**
Victims circle of aggression in Indochina. D. Vol'skii. Nov. vrem. 24 no. 36:16-17 S '66.
- UNITED STATES—RESEARCH**
On the way to the "science of science." G.D. Reinal, A.L. Mackey. Vop. filoz. 20 no. 7:154-159 '66.
- UNITED STATES—RUSSIAN STUDIES**
An American manual on the history of the U.S.S.R. A.L. Goldberg. Int. SSSR 16 no. 3:200-213 My-Je '66.
- UNITIZED CARGO SYSTEMS**
Containerized cargo shipments in the Lena Shipping Company. A. Pustinnik. Rech. transp. 25 no. 7:51 '66.
Improvement of the effectiveness of the use of the container port. N. Alekseev. Rech. transp. 25 no. 7:12-13 '66.
- UNIVERSAL ALGEBRA** see Algebra, Universal
- UNIVERSAL DECIMAL CLASSIFICATION** see Classification, Universal decimal
- UNIVERSITIES AND COLLEGES** see subdivision under Petrozavodsk
- UNSATURATED COMPOUNDS**
Synthesis of unsaturated ethers on the basis of dimethylvinylmethylacrylate and lactone. F. I. Sidel'nikovskii and others. Izv. AN BSSR. Ser. khim. no. 7:1330-1332 '66.
- UPHOLSTERY**
Ayotkov, A.L. [Ways of increasing reliability and durability of upholstered furniture] Puti povysheniia na-dezhnosti i dolgovechnosti mebeli. Moskva, TANIITekstprom, 1966. 41 p. (Mebel')
- UPPER ATMOSPHERE** see Atmosphere, Upper
- URACIL**
Structure of the complex of D-methyladenine with 1-methyl-5-bromouracil. I.U. G. Bektagina, M.V. Vol'fenshtein, I.U. D. Kondrashev. Dokl. AN BSSR 160 no. 1: 220-231 Ji '66.
- URAL MOUNTAIN REGION—CHEMICAL INDUSTRIES**
Progress in the Ural chemical industry. Agitator no. 6:46-47 Mr '64.
- URAL MOUNTAIN REGION—CORPORATE LEGAL DEPARTMENTS**
Need of a systematic record of laws in enterprises. I. Gorbunov. Sov. iust. 30 no. 10:23 My '66.
- URAL MOUNTAIN REGION—INDUSTRIAL MANAGEMENT—CONGRESSES**
Mezhdunarodnaya ekonomicheskaya konferentsiia "Khoz-iaistvennaia reforma i ekonomika predpriiatiia" Sverdlovsk, 1965. [Economic reform and the economics of the enterprise] Khoz-iastvennaia reforma i ekonomika predpriiatiia. Red. kol.: M.G. Bogdanov i dr. Sverdlovsk, Sredne-Ural'skoe Knizhnoe izd-vo, 1965. 215 p.
- URAL MOUNTAIN REGION—JOINTS (GEOLOGY)**
Mechanism of the origin and discovery of joints, enclosing crystalliferous quartz veins; as revealed by a study made in the subarctic Urals. A.E. Karakina. Trudy VNIIP [MS] 7:27-30 '62.
- URAL MOUNTAIN REGION—MARINE SEDIMENTS**
Senonian marine sediments in the Ural Mountain region and northern Kyzyl Kum. L.G. Kiriukhin, G.G. Kurgalimova. Izv. vys. ucheb. zav. i geol. i razv. 9 no. 6: 165-168 Je '66.

URAL MOUNTAIN REGION—PETROLEUM—ANALYSIS

Characteristics of the change in the chemical composition of formation waters and oil in place associated with Sakmara and Arlinskian sediments in the cis-Ural Depression. L. A. Rudchenko, R. M. Sokova, Neftprom. delo no. 6:9-13 '66.

URAL MOUNTAIN REGION—QUARTZ

Characteristics of the distribution of quartz veins and crystalliferous nests in the quartzites of the subarctic Urals. V. A. Smirnova. Trudy VNIP [MS] 7:41-50 '62.

Mechanism of the origin and discovery of joints, enclosing crystalliferous quartz veins; as revealed by a study made in the subarctic Urals. A. E. Karikina. Trudy VNIP [MS] 7:27-30 '62.

URAL MOUNTAIN REGION—QUARTZITE

Characteristics of the distribution of quartz veins and crystalliferous nests in the quartzites of the subarctic Urals. V. A. Smirnova. Trudy VNIP [MS] 7:41-50 '62.

URAL MOUNTAIN REGION—SILICA

Source of the silica of the quartz veins and crystalline nests of the subarctic Urals. A. E. Karikina. Trudy VNIP [MS] 2 no. 1:25-36 '58.

URAL MOUNTAIN REGION—WATER, UNDERGROUND

Paleohydrogeology of the trans-Ural region. L. E. Chernaya, A. M. Chernov. Izv. MOIP, Old. geol. 41 no. 2: 110-121 Mr-Apr '66.

URAL MOUNTAIN REGION—WATER, UNDERGROUND—ANALYSIS

Characteristics of the change in the chemical composition of formation waters and oil in place associated with Sakmara and Arlinskian sediments in the cis-Ural Depression. L. A. Rudchenko, R. M. Sokova, Neftprom. delo no. 6:9-13 '66.

URAL MOUNTAIN REGION—WATER, UNDERGROUND—COMPOSITION

Some principles of hydrochemical regionalization; as revealed by a study of Upper Cretaceous underground waters in the southern part of the Ural Mountain region. S. A. Brusilovskii. Izv. MOIP, Old. geol. 41 no. 2: 141-142 Mr-Apr '66.

URAL MOUNTAINS—FELDSPAR

Crystalliferous quartz-feldspar veins in the Southern Urals. S. A. Liasik, T. L. Neikur. Trudy VNIP [MS] 4 no. 2:147-150 '60.

URAL MOUNTAINS—GEOLOGICAL TIME

Method of the dispersion of birefringence and its use for the determination of the age of volcanic complexes of the Magnitogorsk megacyclonorm (Southern Urals). V. S. Sharfman, V. V. Ratkov. Izv. MOIP, Old. geol. 41 no. 2: 137-138 Mr-Apr '66.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC—CONGRESSES

Ural'skoe mezhvedomstvennoe soveshchanie po razrabotke regional'noi stratigraficheskoi skaly Urala. Chetvertichnaia komissia. [Stratigraphy of Quaternary (Anthropogene) sediments of the Urals; transactions. . . May 7, 1962-April 8, 1963] Stratigrafia chetvertichnykh (antropogennykh) otlozhenii Urala; trudy. . . 7 maia 1962 g., aprilia 1963 g. Moskva, Nedra, 1965. 248 p.

URAL MOUNTAINS—GRANITE

Early and late kinematic granulites of the Eastern Ural anticlinorium. S. V. Chesnokov. Izv. MOIP, Old. geol. 41 no. 2: 136-137 Mr-Apr '66.

URAL MOUNTAINS—LARCH

Physical and mechanical characteristics of the wood of Sukachev's larch in the Central Urals. E. A. Pugech. Izv. vys. ucheb. zav. i les. zhur. 9 no. 3:41-42 '58.

URAL MOUNTAINS—METALLURGY

Matushkin, P. G. ("Uralo-Kuzbass": struggle of the Communist Party for creation of a second metallurgical coal supply center in the U.S.S.R.) Uralo-Kuzbass; bor'ba Kommunisticheskoi partii za sozdanie vtoroi ugol'no-metallurgicheskoi bazy SSSR. Cheliabinsk. [Uzhno-Ural'skoe knizhnoe izd-vo] 1966. 423 p.

URAL MOUNTAINS—MINE TIMBERING—EQUIPMENT AND SUPPLIES

Lining of workings in Ural Mountain mines using pneumatic equipment units for concrete placing. M. G. Shterenberg, A. S. Prokop'ev. Shkhit. stroit. no. 7: 25-27 Ji '66.

URAL MOUNTAINS—PEAS—FERTILIZERS AND MANURES

Use of mineral fertilizers for peas in the dark-grey soils of the Central Urals. N. P. Evgrafova, L. V. Tambovtseva. Khim. v sel'. khoz. 4 no. 6: 6-9 Ju '68.

URAL MOUNTAINS—QUARTZ

Conditions governing the formation of rock crystal deposits in the eastern slope of the Southern Urals. A. E. Lisitsyn. Trudy VNIP [MS] 2 no. 1:71-75 '58.

Crystalliferous quartz-feldspar veins in the Southern Urals. S. A. Liasik, T. L. Neikur. Trudy VNIP [MS] 4 no. 2:147-150 '60.

URAL MOUNTAINS—SNOW

Snowbound roads in the Central Urals. A. V. Ershov. Izv. vys. ucheb. zav. i les. zhur. 9 no. 3:32-35 '66.

URAL-VOLGA PETROLEUM REGION see Second Baku

URANINITE

Pyrite margins around uraninite crystals. S. A. Gurulev. Geol. i geofiz. no. 3:161-164 '66.

URANIUM

Presence of U⁴⁺ in the composition of autunite. I. N. Belova, E. V. Timofeev. Izv. AN SSSR, Ser. geol. 31 no. 7:38-47 Ji '66.

URANIUM—ANALYSIS

Concentration of uranium from aqueous sample of large volume taken directly at the water source. V. S. Rodnikov, M. P. Ezhova. Radiokhimiia 8 no. 3: 360-362 '66.

URANIUM—HEAT TREATMENT

Change of hardness during isochronous and isothermal annealing of varying purity deformed uranium. A. A. Tsvetkov and others. Met. i metalloved. chist. met. no. 5:105-140 '66.

URANIUM—METALLOGRAPHY

Self diffusion in α -uranium. G. B. Fedorov, E. A. Smirnov, E. I. Zhomov. Met. i metalloved. chist. met. no. 3:92-93 '66.

URANIUM CARBIDES

Studying the constitutional diagram UC - W and uranium diffusion from its carbide to tungsten. A. I. Evstukhin and others. Met. i metalloved. chist. met. no. 5:100-104 '66.

URANIUM COMPOUNDS

Production of single crystals of uranium chalcogenides by the method of chemical transport reactions. V. K. Slovinskikh and others. Izv. AN SSSR, Neorg. mat. 2 no. 6:973-975 Je '66.

Some complements to the theory of the relative absorption method as exemplified by hexavalent uranium in acetate-nitrate solutions. V. I. Puzanov, V. B. Kolychev. Radiokhimiia 8 no. 3:304-317 '66.

URANIUM ISOTOPES

Multiparametric studies of fragments in U235 fission by thermal neutrons and 5; 6 and 7 Mev. neutrons. V. G. Vorob'eva and others. Izv. AN SSSR, Ser. fiz. i khim. 4 no. 2:325-331 Ag '66.

Search for light neutron nuclei among uranium fission products. V. B. Burdakov and others. Izv. AN SSSR, Ser. fiz. i khim. 4 no. 2:332-336 Ag '66.

URANYL COMPOUNDS

Interaction of thiocyanate complexes of uranyl with some neutral oxygen-containing ligands. R. N. Shchelokov, I. M. Shal'gina, I. I. Chernikov. Dokl. AN SSSR 180 no. 6:1338-1341 Je '66.

URANYL NITRATE

Mutual solubility in the system UO₂(NO₃)₂-(C₂H₅)₂O-D₂O in the demixing region at 25° C. V. M. Vdovenko, E. K. Loghin. Radiokhimiia 8 no. 3: 317-323 '66.

UREA

Feasibility diagram of the ternary system urea - α -naphthol - resorcinol. A. G. Palchikov, A. G. Bergman. Zhur. ob. khim. 38 no. 7:1163-1166 Ji '66.

Interaction in ternary systems consisting of urea, phenol, and dihydric phenol. Part 2: System urea - phenol - hydroquinone. A. G. Palchikov, A. G. Bergman. Zhur. ob. khim. 38 no. 7:1166-1169 Ji '66.

Ternary system with demixing urea - α -naphthol - naphthalene. A. G. Palchikov, A. G. Bergman. Zhur. ob. khim. 38 no. 7:1181-1183 Ji '66.

UREA AS FEED

Comparative evaluation of urea and ammonium bicarbonate fed to castrated bull calves. V. A. Shul'ga. Khim. v sel'. khoz. 4 no. 7:45-46 Ji '66.

Use of synthetic nitrogen-containing substances in cattle feeding in the Ukraine. G. P. Somenovskii. Khim. v sel'. khoz. 4 no. 6:75-70 Ag '66.

Use of urea in cattle feeding and fattening. B. G. Imba, A. P. Nazarenko, N. Z. Zlyudnev. Khim. v sel'. khoz. 4 no. 6: 38-40 Ju '66.

UREIDES

β -Dicarbonyl compounds. Report No. 23: Acetoacetic acid ureide. G. V. Kondrat'eva and others. Izv. AN SSSR, Ser. khim. no. 7:1219-1223 '66.

UREMIA

Effect of anabolic steroids on the course of uremia. V. P. Krotov. Biol. ekol. i med. 62 no. 7:34-39 Ji '66.

URETHANES

Forming of solutions of surface-active substances in urethane oligomers. E. A. Petrov, O. G. Tarakanov. Koll. zhur. 28 no. 3:431-436 My-Je '66.

URINE

Deoxyribonuclease I activity in the urine of irradiated rats following radioprotection by cystamine. N. I. Libikova. Radiobiologia 6 no. 3:583-586 '66.

URINE—ANALYSIS AND PATHOLOGY

Changes in atriocrescins in osmotic stimulation of the liver. E. A. Nikolenko, I. A. D. Pinkinshtein. Fiziol. zhur. 50 no. 7:884-887 Ji '64.

Comparative evaluation of Black's test and the determination of deoxyribonuclease activity in malignant neoplasms. V. V. Krivenko. Lab. delo. no. 5:291-293 '66.

Detection of barbiturates in the urine. V. I. Lobanov. Lab. delo. no. 5:282-284 '66.

Determination of the content of glycoproteins in the urine. N. A. Uslupova. Lab. delo. no. 8:473-476 '66.

Diagnostic significance of Black's test in mental patients. M. L. Averbukh and others. Lab. delo. no. 5:289-291 '66.

Methodology of determining antidiuretic hormone. V. M. Berezov. Lab. delo. no. 8:475-478 '66.

Quantitative determination of lead in the urine by reaction with dithione (modification of the method used at the Industrial sanitation laboratory of the Omsk Municipal Sanitary-Epidemiological Station. A. A. Troitski, I. G. Vertish. Lab. delo. no. 8:480-481 '66.

Ring precipitation reaction of the urine in the diagnosis of Botkin's disease. K. A. Dobrovolski. Zhur. mikrobiol. i epidemiol. 43 no. 7:132-135 Ji '66.

Significance of the determination of urine aldolase activity in Botkin's disease. E. L. Nazaretian, I. U. Knyazov, M. N. Pod'gajskii. Lab. delo. no. 5:286-289 '66.

URINE—SECRETION

Effect of saturation with salt on the relationship between the flow of lymph and the urine secretion. I. P. Musatova. Izv. AN Kazakh. SSR, Ser. med. 4 no. 3:92-97 My-Je '66.

URUGUAY—RELATIONS (GENERAL) WITH RUSSIA

The Soviet Union and Uruguay. Nov. vrem. 24 no. 34: 4-5 Ag '66.

USHAKOV, BORIS PETROVICH, 1916-

Boris Petrovich Ushakov; on his 50th birthday. IU, I. Poltavskii. TShkologija 6 no. 3:462-464 My-Je '66.

UST'-KACHKA (PERM PROVINCE)—HEALTH RESORTS, WATERING PLACES, ETC.

Gaidash, G. I. A., and A. V. El'kina. [Ust'-Kachka Health Resort] Kurort Ust'-Kachka. [n.p.] Permskoe knizhnoe izd-vo, 1965. 41 p. (DNLM)

UTERUS

Lymphatic system of the serous membrane of the human tuba uterina. M. D. Gatsalov. Shor. nauch. trud. SOGMI no. 11:169-172 '64.

UTERUS—DIOPSY

Pipet for obtaining smears from the surface of the cervix uteri. I. L. Vainer. Lab. delo. no. 8:505-506 '66.

UTERUS—BLOOD SUPPLY

Anatomy of intracervical veins of the human tuba uterina. M. D. Gatsalov. Shor. nauch. trud. SOGMI no. 11:169-185 '64.

UTERUS—CANCER

Case of dermatomyositis combined with malignant tumor. L. L. Bol'shakov. Arkh. pat. 28 no. 5:77-80 '66.

UZBEKISTAN—COAL MINES AND MINING—MANAGEMENT

Shaft deepening and pillar recovery at "Kipit'kola" coal mine of Ingichan Mining Administration. N. U. Ubaldullayev, M. Kh. Khasanov. Shkhit. stroit. no. 7: 22-23 Ji '66.

UZBEKISTAN—COLLECTIVE FARMS—PENSIONS

Pensions for collective farmers in Uzbekistan; interview with V. M. Maratkhodzhaev, Minister of Finance of Uzbekistan. Fin. SSSR 40 no. 7:66-67 Ji '66.

UZBEKISTAN—COTTON—FERTILIZERS AND MANURES

Effectiveness of using mineral fertilizers for cotton in Uzbekistan. IU, IU. Karimov. Khim. v sel'. khoz. 4 no. 7:62-64 Ji '66.

UZBEKISTAN—COTTON—WATER REQUIREMENTS

Effect of ore dressing wastes on water balance indices in cotton as related to insufficient water supply. S. S. Abnova, T. A. Slesnagina. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:157-160 '66.

UZBEKISTAN—HISTORY

Aklov, K. A. [History of Uzbek S.S.R.; textbook for 7th grade of eight-year school] Istoriia Uzbekskoi SSR; uchebnoe posobie dlia 7-go klassa vos'miletnoi shkoly. Izd. 2. Tashkent, Uchiloi, 1965. 78 p. (CBI-II)

UZBEKISTAN—OIL FIELD BRINES

Moscow. Institut geologii i razrabotki goruchikh iskopaemykh. [Reservoir waters of producing horizons in Bukhara-Karshi oil- and gas-bearing province] Plastovye vody produktivnykh gorizontov Bukhara-Karshinskoi neftegazonosoi oblasti. Moskva, Nauka, 1986. 142 p.

UZBEKISTAN—PEAS

When and how it is better to sow peas in Uzbekistan. M. Saidov. Zerk. i masl. kul't. 1 no. 1:37 '66.

UZBEKISTAN—PLATINUM GROUP

Geochemistry of elements of the platinum group in the Ainalyk ore region (Uzbek S.S.R.). S. T. Badalov, S. L. Terkhovich. Dokl. AN SSSR 188 no. 6:1397-1399 Je '66.

UZBEKISTAN—REPTILES

Bogdanov, O. P. [Ecology of the reptiles of Central Asia] Ekologiya presmykayushchikhsia Srednei Azii. Tashkent, Izd-vo Nauka Uzbekskoi SSR, 1965. 257 p. diagr., maps, tables. (RNM)

UZBEKISTAN—TAILINGS (METALLURGY)

Effect of ore dressing wastes on water balance indices in cotton as related to insufficient water supply. S. S. Abaeva, T. I. A. Stepanina. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:157-160 '66.

UZHGOROD—HISTORICAL RESEARCH

The 20th Conference at the Faculty of History of Uzhgorod University. G. B. Ukr. ist. zhur. 10 no. 6:147-148 Je '66.

VACCINATION—EQUIPMENT AND SUPPLIES

60 and 600: automatic machine against infection. P. Il'ashenko. NTO 8 no. 6:41-42 Je '66.

VACCINES

Subcutaneous and intramuscular methods of immunization with pertussis-diphtheria-tetanus, sorbed pertussis-diphtheria-tetanus, and sorbed diphtheria-tetanus vaccines. E. A. Baeva and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:59-62 Ag '66.

VACCINES—ANALYSIS

Effect of pre-existing immunity to one of the antigens of the polyvalent plague, tularemia and brucellosis vaccine on the immunizing properties of its other components. Report No. 1. V. G. Pilypenko. Zhur. mikrobiol., epid. i immun. 43 no. 7:73-79 Ji '66.

Results of a study of the reactivity of adsorbed pertussis-diphtheria-tetanus vaccine. S. K. Arutunian and others. Zhur. mikrobiol., epid. i immun. 43 no. 8:146-147 Ag '66.

VACUUM TECHNOLOGY

Nikitin, I. V., N. A. Kozulin, and A. I. Shapiro. [Principles of designing the operating conditions of vacuum molding machines for the production of three-dimensional objects made of sheet thermoplastics] Osnovy rascheta tekhnologicheskikh rezhimov vakuumformovannykh mashin dlia proizvodstva ob'ektnykh izdelii iz listovyykh termoplastov. Leningrad, 1966. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Plastmassy i ikh primeneniye v promyshlennosti)

Selecting the best vacuum distribution in suction boxes. G. A. Nedopekin, I. D. Gagushev. Bum. prom. no. 6:10-12 Je '66.

VAGUS NERVE

Mechanism of the origination of tonic excitation in the center of vagus innervation of the heart in rabbits and rats. I. S. Ugolnaya. Biol. eksp. biol. i med. 61 no. 4:7-10 Ap '66.

VAGUS NERVE—SURGERY

Effect of the section of vagus nerves on the myocardial protein metabolism in dogs. G. V. Chernysheva. Biol. eksp. biol. i med. 62 no. 7:52-55 Ji '66.

YAKHSH DISTRICT—EARTHQUAKES AND BUILDING

Seismic investigations in Yakhsh District in the Tajik S.S.R. in connection with the construction of large dams. V. I. Bune. Inzh. seism. no. 3/4:61-69 '66.

VALERIC ACID

Conjugated decarboxylation of valeric and stearic acids in their oxidation in a mixture with isopropylbenzene. I. I. Uskov, V. A. Lashitskii, N. I. Mitskevich. Neftekhimiya 6 no. 3:455-457 My-Je '66.

Incorporation of the 5-C-atom of 4,5-dihydroxyvaleric acid into hypoxanthine and inosinic acid of the pigeon liver. R. A. Spryskova, A. A. Poznanekskaya. Dokl. AN SSSR 188 no. 5:1205-1207 Je '66.

Methods of preparation and properties of organofluorine compounds. Part 4: N- α , α -trichlorononafluorooxymethyl amino chloride of ω - α -trichlorohexafluorovaleric acid. S. A. Mazalov, S. V. Sokolov. Zhur. ob. khim. 35 no. 7:1330-1337 Ji '66.

VALVES

Using hose-type valves in regulating contaminated liquid flows. B. S. Shapiro. Mekh. i avtom. proizv. 20 no. 7:6-7 Ji '66.

VANADIUM COMPOUNDS

Formation of compounds in the binary systems of vanadium. I. V. Efimov. Izv. AN SSSR. Neorg. mat. 2 no. 4:588-603 Ap '66.

VANADIUM IODIDES

Vanadium iodide. V. S. Emel'yanov and others. Met. i metaloved. khim. no. 5:5-11 '66.

VANADIUM-TITANIUM ALLOYS see Titanium-vanadium alloys

VAPOR PLATING

Characteristics of the vaporization and condensation of the Pb-Sn alloy. L. S. Palatnik, G. V. Fedorov, P. N. Bogatov. Fiz. met. i metaloved. 21 no. 5:704-707 My '66.

VAPORS

Dynamics of vapor sorption on a charge of variable cross-section. O. M. Todor, I. S. Lazin. Dokl. AN SSSR 169 no. 3:633-635 Ji '66.

VARIX

Some problems of the etiology, pathogenesis, and clinical aspects of varicosis of the veins of the lower extremities. P. P. Alekseev, A. G. Kovaleva, V. S. Bagdasarian. Sov. med. 29 no. 7:31-35 Ji '66.

VARNISH AND VARNISHING

Dryer for polyester varnish coatings of panel parts of furniture with automatic regulation of drying conditions. H. A. Morozenko. Lis., pap. i der. prom. no. 3: 17-18 My-Je '66.

Improving the quality of flow coating. B. V. Prokopovich. Lis., pap. i der. prom. no. 3: 9-11 My-Je '66.

Improving the surface of polyester varnish coatings. B. M. Buglai, T. A. Matveeva. Der. prom. 15 no. 6:3-5 Je '66.

Monogram for determining the expenditure of varnish in wood finishing. N. A. Goncharov. Der. prom. 15 no. 6:18 Je '66.

VARNISH AND VARNISHING—EQUIPMENT AND SUPPLIES

Varnish flow-coating machine. E. K. Diatko, I. U. D. Litubenko. Der. prom. 15 no. 8:25-28 Ag '66.

VASIN, BORIS NIKOLAEVICH, 1897-1966

Boris Nikolaevich Vasin; an obituary. Genetika no. 4: 185-188 Ap '66.

VASODILATORS

New coronarodilating agents. V. V. Zakusov. Sov. med. 29 no. 7:3-7 Ji '66.

VASOMOTOR NERVOUS SYSTEM see Nervous system, Vasomotor

VATICAN COUNCIL, 1963-1965

"Catholic reformation" in the second half of the 20th century. I. N. Velikovich. Vop. filos. 20 no. 7: 143-153 '66.

VAVILOV, NIKOLAI IVANOVICH, 1887-1943

N. I. Vavilov as I saw him. V. E. Plesarev. Sov. arkh. no. 3:53 '66.

Showing concern for well-being of our people; unknown documentary materials of Academician N. I. Vavilov. Sov. arkh. no. 3:41-52 '66.

VECTOR ANALYSIS

Approximate minimum detection of a vector signal on a Gaussian background. I. V. Linnik. Dokl. AN SSSR 169 no. 3:523-524 Ji '66.

A continuous medium with spinor and vector characteristics. A. N. Golubiatnikov. Dokl. AN SSSR 169 no. 2:209-202 Ji '66.

The Lagrangian and Hamiltonian for vector electrodynamics in the Heisenberg representation. A. A. Slavnov, A. D. Sukhanov. IAd, fiz. 4 no. 2:425-431 Ag '66.

VEGADEX

Phytotoxic effect of vegaDEX on onions and dodder. P. N. Glazkov. Khim. v sel'khoz. 4 no. 7:32-33 Ji '66.

VEGETABLE GARDENING

(see also subdivision under Moscow Province)

Kirelev, L. N., and O. H. Poltchenko. [Vegetables under films] Ovoshi pod plivkolu. Kharkiv, Prapor, 1966. 24 p. (Peredovyye sela) (DNAL)

VEGETABLE GARDENING—LABOR PRODUCTIVITY see subdivision under Moscow Province

VEGETABLES

(see also subdivision under Moldavia)

Dzhafarov, A. F., M. V. Antonov, and E. N. Volkov. [Commercial guide to vegetables and fruits] Tovarovedenie ovoshchei i plodov. Izd. 2., perer. i dop. Moskva, Ekonomika, 1966. 440 p.

VEGETABLES—IRRIGATION

OTN-4-8 sprayer in irrigated vegetable gardening. I. Skvortsev. Tekh. v sel'khoz. 28 no. 6:17-20 Je '66.

VEGETABLES—LAW AND LEGISLATION

The right of townpeople to use the kitchen plots. V. P. Balezin. Vest. Mosk. un. Ser. 12: (Pravo) 21 no. 2:24-26 Mr-Ap '66.

VEINS

Age-related aspects of the duct of Arantius. I. A. Eremov. Sbor. nauch. trud. SOXMI no. 11:107-105 '64.

Classification of human veins oxygen and vein hematology. I. F. Agapenko. Sbor. nauch. trud. SOXMI no. 11:122-123 '64.

VEINS—DISEASES

Role of acute venous stasis in the pathogenesis of the renal syndrome in hemorrhagic nephrosclerosis. A. I. Zelenikh. Sov. med. 29 no. 6:24-26 My '66.

VEINS—TRANSPLANTATION

Use of the vena cava as a transplant. I. F. Agapenko. Sbor. nauch. trud. SOXMI no. 11:180-186 '64.

VENEERS AND VENEERING

Effect of preliminary drying of the glued layer on the quality of veneering. A. I. Mazurechik. Lis., pap. i der. prom. no. 3: 33-34 My-Je '66.

Grinding edges of glued veneers using abrasive wheels. V. G. Lubimov. Der. prom. 18 no. 6:7 Ag '66.

VENEREAL DISEASES

Studitskiy, A. A., and B. G. Stolanov. [Skin and venereal diseases] Koznye i venricheskoe bolezn. Moskva, Meditsina, 1966. 255 p. (DNLM)

VERKHUYANSK RANGE—AMMONOIDEA

Age of Yakutian layers in Verkhuyansk Range. I. S. Popov. Uch. zap. NIIGA. Ser. "Paleont. i biol." no. 7: 67-73 '65.

VERTEBRAE, CERVICAL—DISLOCATION

Use of thoracocentral plaster cast in the reduction of luxations of cervical vertebrae. V. I. Selivanov, M. N. Nikitin. Ortop. i travm. i protez. 27 no. 2:24-28 Ji '66.

VERTEBRAE, CERVICAL—WOUNDS AND INJURIES

Open reduction and posterior apophysectomy in fracture and dislocation of the 6th cervical vertebra. A. A. Latsik. Ortop. i travm. i protez. 27 no. 7:73 Ji '66.

VETCH

Effectiveness of using nitragin for vetch, vetchling, and forage beans. N. V. Sergeeva. Mikrobiol. prod. i biotekhn. Mold. no. 2:57-61 '66.

VETCHLING

Effectiveness of using nitragin for vetch, vetchling, and forage beans. N. V. Sergeeva. Mikrobiol. prod. i biotekhn. Mold. no. 2:57-61 '66.

VETERINARY HEMATOLOGY

Effect of tissue biogenic stimulants on the non-specific humoral link of immunity and some blood indices in the organism of animals subjected to superheating. I. M. Nazarov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:95-100 Ji '66.

VETERINARY HYGIENE

Medvedev, I. D., S. S. Lipidus, and S. D. Iakobovskii. [Manual for the veterinary hygienist] Paiminka veterinarnogo sanitara. Moskva, Koton, 1966. 30 p. (Veterinarnaya biblioteka zhivotnovodstva) (DNAL)

The topic in veterinary treatment. A. M. Tikh. Vest. znan. 42 no. 6:25 Ag '66.

VETERINARY HYGIENE—LAW AND LEGISLATION

Danube Commission (1949-...) [Recommendations for the unification of regulations for veterinary and plant protection control on the Danube; enacted by the decision of the 18th session of the Danube Commission of January 10, 1958] Rekomendatsii po unifikatsii pravil veterinarnogo i fitosanitarnogo nadzora na Dunae; priinyatye postanovleniem XVI sessii Dunaiskoi Komissii 10 yanvarya 1958 g. Budapest, 1958 g. 42 p. [In Russian and French] (MIL)

VETERINARY IMMUNOLOGY

Effect of tissue biogenic stimulants on the non-specific humoral link of immunity and some blood indices in the organism of animals subjected to superheating. I. M. Nazarov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:95-100 Ji '66.

VETERINARY MATERIA MEDICA AND PHARMACY

Use of polymers in animal husbandry and veterinary medicine. N. M. Klimov. Khim. v sel'khoz. 4 no. 6: 60-61 Je '66.

VIATKIN, MIKHAIL PORFIR'EVICH, 1890-

M. P. Viatkin's 76th birthday. Ist. SSSR 10 no. 3:255 My-Je '66.

VIBRATION

Calculation of passive vibration insulation for effects such as stationary random processes. L. S. Maksimov, Mekh. i ver. tela no. 3:167-171 My-Je '66.

Excitation of high-frequency vibrations in nonlinear vibroprotective system. M. A. Kolovskii, Mekh. i ver. tela no. 3:47-52 '66.

Use of Bubnov - Galerkin's method in determining natural frequency of free vibrations of heavy flexible thread. V. N. Norin, Mekh. i ver. tela no. 3:180-185 My-Je '66.

Vibrations of circular cylinder near free surface of heavy liquid. V. S. Sabaneev, P. E. Tovnuik, Vest LGU 21 no. 13:77-82 '66.

VIBRATION—PHYSIOLOGICAL EFFECT

Objective methodology for studying sensitivity to vibration. A. K. Alakov, Zhur. nevr. i psikh. 66 no. 8: 1168-1169 '66.

Oblasnaya nauchno-prakticheskaya konferentsiya, posvyashchennaya vibratsionnoi, shumovoi bolezni i ikh profilaktike v Dombasse, 2d, Donetsk, 1964. [Summaries of the reports made to the Province Scientific and Practical Conference Devoted to Vibration Disease and Acoustic Trauma and to Their Prevention in the Donets Basin] Tezisy dokladov. Donetsk, Donetskii nauchno-labl. in-t fiziologii truda, 1964. 43 p. (DNLN)

VIBRATION—TESTING

Bending vibrations of samples being tested for fatigue on vibrating equipment. I. A. Shupigol'd, O. T. Sidorov, V. I. Fateev, Fiz.-tekhn. probl. razrab. pol. lekop. no. 3: 69-75 '66.

VIBRATION (MARINE ENGINEERING)

Calculation of the vibration of hydrodynamic forces and moments during the work of the propeller in unsteady stern flow. M. A. Grechin, Trudy TSNIIMF no. 72: 42-52 '66.

VIBRATORS

Mechanical vibrator with directed vibrations and controlled disturbing force. I. M. Chernikov, Mekh. i avtom. proizv. 20 no. 7:39-49 Ji '66.

Pneumatic vibrator without impacts. I. I. Kotelnikova, V. I. Andrievskii, Tekhn. i org. proizv. no. 1:28-29 Ja-F '66.

VIDEO TAPE RECORDERS AND RECORDING

Magnetic tape recording of television images. V. I. Parkhomenko, Trudy VNAIZ no. 8:3-25 '61.

VIETNAM—MAN, PREHISTORIC

Borilevskii, P. I. [Prehistoric past of Vietnam] Per-vobynoe proshloe Vietnam. Moskva, Nauka, 1960, 183 p.

VIETNAM, NORTH—DESCRIPTION AND TRAVEL

A trip to Zone 4. I. Andronov, Nov. vrem. 24 no. 38: 23-26 S '66.

Vietnamese youth continue their struggle; travel notes. G. Stefanovskii, Komm. Vooruzh. Sil 47 no. 13:81-85 Ji '66.

VIETNAM, NORTH—ECONOMIC CONDITIONS

The Democratic Republic of Vietnam; an information note. Komm. Vooruzh. Sil 47 no. 13:86-87 Ji '66.

VIETNAM, SOUTH—ELECTIONS

The "other war" in Vietnam. L. Stepanov, Nov. vrem. 24 no. 38:7-9 S '66.

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN

VIETNAMESE WAR

Condemnation of the aggressor. Nov. vrem. 24 no. 37: 1-2 S '66.

The Democratic Republic of Vietnam; an information note. Komm. Vooruzh. Sil 47 no. 13:86-87 Ji '66.

"Died in South Vietnam." L. Korneev, Az. i Afr. seg. 10 no. 8:30-32 Ag '66.

Editorial: Heroism of Vietnam. Nov. vrem. 24 no. 38: 1-2 S '66.

Friends and foes of Vietnam. Nov. vrem. 24 no. 35:1-2 Ag '66.

The "other war" in Vietnam. L. Stepanov, Nov. vrem. 24 no. 38:7-9 S '66.

Secret weapons of "dirty war." I. Andronov, Nov. vrem. 24 no. 36:9-10 S '66.

A trip to Zone 4. I. Andronov, Nov. vrem. 24 no. 38: 23-26 S '66.

United States: Secret dinner in Texas. Nov. vrem. 24 no. 34:17 Ag '66.

Violent circle of aggression in Indochina. D. Vol'skii, Nov. vrem. 24 no. 36:16-17 S '66.

Vietnamese youth continue their struggle; travel notes. G. Stefanovskii, Komm. Vooruzh. Sil 47 no. 13:81-85 Ji '66.

What is being discussed in Luxemburg. V. Zagladin, Nov. vrem. 24 no. 35:28-30 Ag '66.

VILKOV, NIKOLAI ALEKSANDROVICH

With a bright flame. V. Maksimov, Voenn. znani. 42 no. 8:12 Ag '66.

VINNITSA PROVINCE—BAPTISTS

In memory of Ignatii Korneevich Sipchek, Presbyter of the Ziatkovskiy parish. N. N. Melnikov, Brat. vest. no. 1:75-76 '66.

VINNITSA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Activists of a department of propaganda and political information. E. Podolanshuk, Part. zhizn' no. 17: 46-52 S '66.

VINYL ALCOHOL POLYMERS—SPECTRA

Infrared spectra of polyvinyl alcohol fiber dyed by an anthraquinone aldehyde dyestuff. R. Marupov and others, Dokl. AN Tadzh. SSR 9 no. 6:11-15 '66.

VINYL COMPOUND POLYMERS

Effect of branching of polyvinyl chloride on its properties. M. T. Bryk, A. S. Shovliakov, G. A. Puchkovskain, Plast. massy no. 3:9-11 '66.

Esters of copolymers of vinyl alcohol and vinylene glycol. O. M. Khimova and others, Vysokom. soed. 3 no. 8: 1462-1465 Ag '66.

Fedorenko, N. P., and I. T. Livshits. [Multipurpose plastic: polyvinylchloride] Universai'nyi plastik; polivinilkhlorid. Moskva, Nauka, 1966. 117 p. (Nauchno-popul'narnaya seriya)

Molecular relaxation in plasticized polyvinyl chloride. G. P. Mikhailov, A. M. Lobanov, D. M. Mirskanlov, Vysokom. soed. 3 no. 8:1351-1358 Ag '66.

Temperature characteristics of conformational transitions in polyvinyl chloride studied by means of infrared spectroscopy. I. V. Glezkovskii and others, Vysokom. soed. 3 no. 8:1472-1477 Ag '66.

VINYL COMPOUNDS

Electrophilic substitution at the olefin carbon atom. Report No. 5: Kinetics and stereochemistry of the reaction of trans-β-chlorovinyl chloride with iodine in dimethyl sulfoxide. I. P. Belitskaya, V. I. Karpov, O. A. Rautov, Izv. AN SSSR, Ser. khim. no. 7:1135-1138 '66.

VINYL ETHERS

Interaction of nitril fluoride with alkylperfluorovinyl ethers. Synthesis of α-nitroperfluorocarboxylic acid esters. B. L. Diatkin, R. A. Bekker, I. L. Krasnitsa, Dokl. AN SSSR 168 no. 6:1310-1322 Je '66.

VINYLDENE COMPOUNDS

Study of the structure of copolymer of tetrafluoroethylene and vinylidene fluoride by spectroscopic methods. N. I. Mokharevich, Vysokom. soed. 3 no. 8:1428-1433 Ag '66.

VIRUS DISEASES

[Current problems of virus infections. ... Materials] Aktual'nye problemy virusnykh infektsii. ... Materialy. Moskva, 1965. 400 p. (Akademiya meditsinskikh nauk SSSR. Institut polimorfizma i virusnykh entsefalitov. Nauchnaya sessiya. Tezisy i avtoreferaty dokladov, no. 13) (DNLN)

Effect of active artificial immunization on the natural animal resistance to virus infections. L. P. Gorshunova, Z. Kh. Khassanova, M. I. Parasonis, Zhur. mikrobiol., epid. i immun. 43 no. 3:77-81 Ag '66.

Etiological and clinical characteristics of respiratory viral infections in children. V. V. Ritova and others, Sov. med. 20 no. 7:45-49 Ji '66.

VIRUS DISEASES OF PLANTS

Classification of phytopathogenic viruses. A. E. Proteenko, Izv. AN SSSR, Ser. biol. 31 no. 4:594-607 Ji-Ag '66.

Nitrogen and tomato streak. I. V. Vlasov, A. Abukari-mova, Zashch. rast. 11 no. 7:64 '66.

Pale-green dwarfness of barley. V. Agarkov, Zashch. rast. 11 no. 7:52-53 '66.

Virus wheat diseases in the Ramon' region of Voronezh Province. V. A. Agarkov, Nauch. dokl. vyz. shkoly; biol. nauki 9 no. 3:105-109 '66.

VIRUSES—CULTURES AND CULTURE MEDIA

Sergoev, V. A. [Reproduction of animal viruses in a tissue culture] Razmnozhenie virusov zhtvolnykh v kul'ture tkani. Moskva, Kolos, 1960, 310 p.

VISCERA

Dynamics of tissue respiration of the pancreas, spleen, liver, and kidneys following the ligation of the cranial and caudal pancreaticoduodenal and splenic arteries. L. I. Khananov, G. F. Grishilo, Blud. eksp. biol. i med. 62 no. 7:27-31 Ji '66.

VISCERA—DISEASES

Morphological changes in brain and internal organs of dogs following clinical death under conditions of hypothermia. N. P. Romanova, Arkh. pat. 28 no. 6:69-73 '66.

VISCERA—INNERVATION

Inhibition of synaptic processes in motoneurons in rhythmic visceromotor stimulations. P. Duda, P. G. Kostuk, N. N. Prochazhenskii, Blud. eksp. biol. i med. 62 no. 7:3-8 Ji '66.

VISCOSIMETRY

Determining the viscosity of mazut at high temperatures. G. F. Lavrentsova, Inform. sbor. TSNIIMF no. 15:4. Tekh. eksp. mor. flota no. 47:96-97 '66.

Viscosity of glasses of the system TeO₂ - Na₂O. S. V. Nemilov, A. K. Iakkind, L. S. Davydenko, Izv. AN SSSR, Neorg. mat. 2 no. 4:702-706 Ap '66.

VISCOSITY

Molecular weight inhomogeneity and relative viscosity of solutions of cellulose and its ethers. V. I. Ivanov, L. A. Rudakina, Dokl. AN SSSR 168 no. 6:1360-1361 Je '66.

Viscosity of isocellulose under conditions of high pressures and various temperatures. N. A. Agaev, A. D. Ushova, Gaz. prom. 11 no. 6:46-48 '66.

VISHNEVSKI, ALEKSANDR ALEKSANDROVICH, 1906-

Aleksandr Aleksandrovich Vishnevskii, Sov. med. 29 no. 5:156-157 My '66.

VISION

Structural characteristics of cerebral cortex and subcortical formations of visual analyzer in process of development. N. S. Prochazhenskii, Zhur. nevr. i psikh. 66 no. 8:1203-1207 '66.

VISITORS, FOREIGN

Memorials of friendship. P. I. Bazhanov, Sov. arkh. no. 3:26-34 '66.

VISUAL DISCRIMINATION

Glezer, V. D. [Mechanisms of identification of visual images] Mekhanizmy opoznaniia zritel'nykh obrazov. Moskva, Nauka, 1966. 263 p.

VITAMINS—B12 see Cyanocobalamin

VITICULTURE see subdivision under Crimen

VITOLS, JAZEPS, 1893-1948

Gravilla, Olgert. [Jazeps Vitols and the Latvian folk song. Translated from Latvian] Jazep Vitols i latviska arodzaina pesina. Moskva, Muzyka, 1960. 101 p.

VITREOUS STATE

Effect of small additions of aluminum oxide on the chemical stability and structure of multialkaline potassium silicate glasses. L. S. Iantrebina, E. V. Vitkovskina, A. A. Bessonov, Izv. AN SSSR, Neorg. mat. 2 no. 4: 740-760 Ap '66.

Semiconductor fine-disperse glass crystals based on arsenic and tin selenide. F. V. Shkol'nikov, Z. U. Horlova, Izv. AN SSSR, Neorg. mat. 2 no. 4:670-676 Ap '66.

Two types of relaxation processes in vitreous polyarylates. A. A. Askadukii, Vysokom. soed. 3 no. 8:1342-1345 Ag '66.

Viscosity of glasses of the system TeO₂ - Na₂O. S. V. Nemilov, A. K. Iakkind, L. S. Davydenko, Izv. AN SSSR, Neorg. mat. 2 no. 4:702-706 Ap '66.

VOLATILITY

Volatility of a solute in dilute solutions as shown by the critical liquid - gas equilibrium curve. A. R. Kelchevskii, S. M. Khodoeva, E. E. Sosninskaya, Dokl. AN SSSR 160 no. 2:303-305 Ji '66.

VOLCANOES see subdivision under Greece; Japan Sea

VOIGA-BALTIC SEA WATERWAY—DESCRIPTION AND TRAVEL

Malkov, V. M. [On the Volga-Baltic Sea Waterway] Po Volgo-Baltu. [Yolgoda] Severo-Zapadnoe knizhnoe izd-vo, 1966. 316 p.

VOIGA-BALTIC SEA WATERWAY—NAVIGATION

Navigation of ships on the Volga-Baltic Sea Waterway. G. Miranov, Rech. transp. 25 no. 7:41-43 '66.

VOIGA DELTA—CARP—DISEASES AND PESTS

Changes in the carp population of the Volga Delta in relation to its diseases. L. N. Tripiytayna, Vest. Mosk. un. Ser. 6: Biol., pochy, 21 no. 2:32-36 Mr-Ap '66.

- VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—DESIGN AND CONSTRUCTION**
Volzhskaya Gidroelektrostantsiya. [Technical report on the design and construction of the Volga Hydroelectric Power Station (22d Congress of the CPSU), 1950-1961, in two volumes] Tekhnicheskiy otchet o proektirovani i stroitel'stve Volzhskoi GES imeni XXII s'ezda KPSS, 1950-1961 gg., v dvukh tomakh. Moskva, Energiya.
- Vol. 2. [Organization and execution of the construction and assembly work] Organizatsiya i proizvodstvo stroitel'no-montazhnykh rabot. Red. toma A. A. Kuznetsov. 1966. 581 p.
- VOLGA RIVER—HARBORS—MANAGEMENT**
The economy of the Volga ports. V. Balgailov. Rech. transp. 25 no. 7:9-12 '66.
- VOLGA RIVER—SHIPPING**
Development of the shipping of petroleum products in the Volga-Kama basin. R. Zaripov and others. Rech. transp. 25 no. 7:4-5 '66.
- VOLGA RIVER—TOWING**
Navigating a cargo motor ship with an attached barge on the Volga River. M. Borovskii. Rech. transp. 25 no. 7:39-41 '66.
- Some economic potentialities in the use of the fleet. I. A. Tsylin. Rech. transp. 25 no. 7:5-7 '66.
- VOLGA-URAL PETROLEUM REGION** see Second Baku
- VOLGA VALLEY—ALFALFA—IRRIGATION**
Raies alfalfa on irrigated fields. V. N. Balabanov, V. A. Sorokin. Zemledelie 28 no. 5:30-31 My '66.
- VOLGA VALLEY—FIELD CROPS—IRRIGATION**
Basin snow water irrigation during the vegetation period. N. S. Kistanov. Zemledelie 28 no. 5:24-26 My '66.
- VOLGA VALLEY—LANDFORMS**
Comparative characteristics of relief of slide slope of Volga on various rocks in boundaries of Gorkiy-Chetokarsky portion of Volga Valley and Kuybyshev Reservoir. V. I. Gorelova, L. I. Podgornaya. Vest. LGU 21 no. 12:90-95 '66.
- VOLGA VALLEY—MINERALS IN SOIL**
Main nutrient content of sands and sandy soils in lower Volga Valley as related to mineral composition of their high dispersed fraction. A. A. Vakulin, A. V. Shilin. Pochvovedenie no. 8:63-69 Ag '66.
- VOLGA VALLEY—PALYNOLOGY**
Pollen and spores from Eocene sediments in the middle Volga Valley. T. A. Kuznetsova. Dokl. AN SSSR 168 no. 5:1135-1137 Je '66.
- VOLGA VALLEY—PLANTS, PROTECTION OF**
Conference on the protection of grain. I. U. Novinskii. Zashch. rast. 11 no. 7:58 '66.
- VOLGA VALLEY—SOILS, RADIOACTIVE SUBSTANCES IN**
Natural radioactivity of soil-forming rocks in the middle Volga Valley. B. I. Vaisberg, V. N. Smirnov. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:205-208 '66.
- VOLGOGRAD—EDUCATION, COOPERATIVE**
When a school and a plant have the same objectives. K. Kentakii. Nar. obr. no. 8:68-70 Ag '66.
- VOLGOGRAD—TIRE INDUSTRY**
Polivanov, I. A. [It has no equals] Emu net ravnykh. Volgoograd, Nizhne-Volzhskoe knizhnoye izd-vo, 1965. 48 p. (Na zavodakh bol'shoi khimii)
- VOLGOGRAD—TRACTOR INDUSTRY—MANAGEMENT**
Comparative interplant analysis of economic activity. A. V. Ushakov. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 6:44-45 Je '66.
- VOLGOGRAD PROVINCE—BANKS AND BANKING**
The bank and the service industry. N. D. Iakunov. Den. kred. 24 no. 7:57-60 Ji '66.
- VOLGOGRAD PROVINCE—SERVICE INDUSTRIES—FINANCE**
The bank and the service industry. N. D. Iakunov. Den. kred. 24 no. 7:57-60 Ji '66.
- VOLGOGRAD PROVINCE—STATE FARMS**
Kikvidze State Farm. G. D. Bashkurov, V. F. Shubin. Zemledelie 28 no. 5:11-14 My '66.
- VOLGOGRAD PROVINCE—TECHNICAL SOCIETIES**
We count up this way. I. Sheboldashov. NTO 8 no. 6:24 Je '66.
- VOLGOGRAD PROVINCE—WEED CONTROL**
Penetration depth of triazine in soils in arid conditions of Volgograd Province. Z. A. Stepanova. Khim. v sel. khoz. 4 no. 7:27-30 Ji '66.
- VOLHYNIA—HISTORY—SOURCES**
Komunisticheskaia partiia Ukrainy. Volynskii oblast'noi komitet. Partinnyi arkhiv. [The struggle of the workers of Volhynia for unification with Soviet Ukraine; a collection of documents and materials] Borot'ba trudovits'kykh Volyni za vozz'ednannia z Radians'koiu Ukrainoiu; zbirnyk dokumentiv i materialiv. L'viv, Kamenar.
- Vol. 2. 1965. (MH)
- VOLOGDA PROVINCE—GEOLOGY, STRATIGRAPHIC**
Middle and Lower Quaternary sediments in central part of Vologda Province. V. B. Sokolova, V. I. Khomutova. Biul. Kom. chetv. per. no. 31:42-56 '66.
- VOLTAGE REGULATORS**
High-voltage indicators. S. Tarasov. Prom. Arm. 9 no. 3: 41 My '66.
- Khasanov, O. I. [Transistorized voltage and frequency converters] Transistornye preobrazovatel'i napriazheniia i chasty. Moskva, Nauka, 1966. 175 p.
- Pulse-type voltage regulators using thyristors. A. S. Sender, I. U. M. Gusiatskii, G. A. Shchukin. Elektrichestvo no. 7:60-65 Ji '66.
- VOLYN' PROVINCE—PEGMATITES**
Geological characteristics of the pegmatites of Volyn', their morphology and interior structure. L. P. Chernyshkova. Trudy VNIIP [MS] 1 no. 1:11-24 '67.
- VOLYN' PROVINCE—STATISTICS**
Volynskaya oblast' Statisticheskoe upravlenie. [National economy of Volyn' Province; statistical abstract] Narodnoe хозяйство Volyn'skoi oblasti; statisticheskiy zbirnyk. L'viv, Statistika, 1966. 235 p.
- VORONEZH—TEACHERS, TRAINING OF**
Let's teach our students to be educators as well as teachers. L. Talov, A. Tonkikh. Nar. obr. no. 8:24-27 Ag '66.
- VORONEZH PROVINCE—BOOKSELLERS AND BOOK-SELLING**
The book hawk is a champion of the ideological front. A. Davydov. Sov. potreb. koop. 10 no. 6:27-28 Je '66.
- VORONEZH PROVINCE—COLLECTIVE FARMS—FINANCE**
Advancing direct bank credit to collective farms. A. Rogulin. Den. kred. 24 no. 7:30-34 Ji '66.
- VORONEZH PROVINCE—RENTING OF EQUIPMENT, ETC.—FINANCE**
Improve the issuing of credit for articles to be rented. G. Sal'kova. Den. kred. 24 no. 7:60-61 Ji '66.
- VORONEZH PROVINCE—SUNFLOWERS**
Sunflower in Voronezh Province. B. Veredchenko. Zerk. i masl. kul't. 1 no. 1:43-45 '66.
- VOYAGES AROUND THE WORLD**
Around the world in atomic submarines. G. Savichev. Voenn. znaniia. 42 no. 7:10-11 Ji '66.
- VULCANIZATION**
Effect of vulcanizing structures and network parameters on the tensile strength of vulcanizates. B. A. Dogadkin and others. Koll. zhur. 28 no. 3:353-361 My-Je '66.
- VYSHNIA, OSTAP, pseud.**
[The living Ostap Vyshnia; collection of reminiscences about the writer] Zhivoi Ostap Vyshnia; zbirnyk spohadiv pro pys'mennika. Kyiv, Dnipro, 1966. 302 p.
- WAGES**
(see also subdivision under Kirov Province; Lithuania)
- Consultation on wage problems. Razved. i okh. nedr. 32 no. 3:60-62 '66.
- Consultation on wage problems. Razved. i okh. nedr. 32 no. 4:64-66 Ap '66.
- Increase in wages and the growing real income of Soviet industrial workers in 1951-1958. B. N. Kazantsev. Ist. SSSR 10 no. 3:10-26 My-Je '66.
- Individual problems in application of wage legislation. I. Bukhrov. Fin. SSSR 40 no. 7:84 Ji '66.
- Kalinovskii, N. P. [Regional differences of real wages for workers and employees] Regionalnye razlichiia real'noi zarabotnoi platy rabochikh i sluzhashchikh. Moskva, Ekonomika, 1966. 111 p.
- WAGES—ACCOUNTING**
The new instructional materials. Bukhgh. uchot. no. 6:75-77 Je '66.
- Tsederbaum, I. A. [Computation and retention of average earnings] Ischislenie i sokhraneniie srednego zarabotka. [Moskva] Prolizdat, 1966. 125 p. (Biblioteka profsoiuznogo aktivista, no. 14(134))
- WAGES—BUILDING MATERIALS INDUSTRY**
Russia (1917- R. S. F. S. R.) Ministerstvo stroitel'stva. [Collection of leading materials on wages for workers in construction and building materials industry] Materialy rukovodivshchikh materialov po opiate truda rabochikh, zaniatykh v stroitel'stve i promyshlennosti stroitel'skikh materialov. Izd. 2., ispr. i dop. Moskva, Stroizdat, 1966. 630 p.
- WAGES—CONSTRUCTION INDUSTRY**
Ekel'chik, M. S. [Problems of labor and wages in construction] Voprosy truda i zarabotnoi platy v stroitel'stve. Izd. 2., perer. i dop. Kiev, Budivelnysk, 1965. 239 p.
- Russia (1917- R. S. F. S. R.) Ministerstvo stroitel'stva. [Collection of leading materials on wages for workers in construction and building materials industry] Materialy rukovodivshchikh materialov po opiate truda rabochikh, zaniatykh v stroitel'stve i promyshlennosti stroitel'skikh materialov. Izd. 2., ispr. i dop. Moskva, Stroizdat, 1966. 638 p.
- WAGES—DISMISSAL WAGE**
Legal advice. Rad. pravo 20 no. 8:94-99 Ag '66.
- WAGES—RESTAURANTS, LUNCHROOMS, ETC.**
Wages for refreshment bar assistants. A. Kolosovskaya. Sov. potreb. koop. 10 no. 6:60 Je '66.
- WAR**
Moscow. Voenno-politicheskaya akademii. [Materials on war and army] Makrizhiv-fenitizm volno i armii. 4., perer. i dop. Izd. Pod red. N. A. Sushko i S. A. Tikhonovskaya. Moskva, Voenizdat, 1970. 383 p. (Biblioteka ofitsiara) (MI)
- WARSAW PACT, 1956**
Peace and national liberation. S. Bulygin. Ar. i Mirov. 10 no. 8:2-4 Ag '66.
- WASHING MACHINES** see subdivision under Hugs
- WATER**
Activity of water in water - triethyl phosphate at 25°C. A. N. Kirgintsev, A. V. Lashlanov. Radiokhimiia no. 3: 363-368 '66.
- Promoting action of water in the cracking reaction of type-Y zeolites. Kio Shi Tsung (Hao Shih Tsung), B. V. Romanovskii, K. V. Topchikova. Dokl. AN SSSR 168 no. 5:1114-1116 Je '66.
- WATER—ANALYSIS**
Rapid method for determining lithium in water. T. A. Kirgintsev, T. S. Oskanov, Izv. AN Arm. SSR, Ser. Khim. o znan. 10 no. 3:100-102 '66.
- WATER—COMPOSITION** see subdivision under Dvaval, Lake; Poltava Province; Holmga River
- WATER—LAWS AND LEGISLATION**
A valuable book. A. Erenov. Sov. gos. i pravo 36 no. 1:128-130 Ag '66.
- WATER—POLLUTION** see subdivision under Black Sea
- WATER, UNDERGROUND**
(see also subdivision under Ararat Plain; Caucasus, Caucasus, Northern; Fergana Province; Kazakhstan, Lenakan region; Siberia; Soviet Far East; Tatar A. S. S. R.; Ural Mountain region)
- Determination of the calculation of the hydrogeological parameters of water-bearing horizons in a weathering zone. L. V. Horvaykii. Razved. i okh. nedr. 32 no. 3: 44-47 '66.
- Effect of interfacial tension of connate water on the permeability of rocks in oil flow. B. D. Danov, V. E. Silkin. Neft. khoz. 44 no. 6:39-42 Je '66.
- Kudolyn, B. L., ed. [Subsurface flow in the U. S. S. R.] Podzemnyi stok na territorii SSSR. [Moskva] Izd-vo Mosk. univ., 1966. 302 p.
- Methodology of determining the hydrogeological parameters of a dual-layer stratum based on experimental withdrawal data. N. Z. Merkon, V. M. Shentekov. Razved. i okh. nedr. 32 no. 4:58-62 Ap '66.
- Some water exsolution methods used in foreign countries. B. A. Amelin. Neft. khoz. 44 no. 6:60-71 Je '66.
- WATER, UNDERGROUND—ANALYSIS**
(see also subdivision under Ural Mountain region)
- Change in the chemical composition of formation waters in connection with field flooding. V. Z. Shchukov, Neftprom, delo no. 6:10-9 '66.
- WATER, UNDERGROUND—COMPOSITION**
(see also subdivision under Siberia, Western; Ural Mountain region)
- Characteristics of the migration and accumulation of boron in Permian underground waters. V. M. Semakova. Biul. MOIP. Ost. geol. 41 no. 2: 142-143 Mr-Apr '66.
- WATER, UNDERGROUND—CONGRESSES**
Moscow. Nauchno-issledovatel'skii institut osnovnykh i podzemnykh sooruzhenii. [Transactions of the conference on the problems of lowering ground water level] Trudy nauchnoissledovatel'skogo po voprosam ponizheniia urovnia gruntovykh vod. Moskva, Stroizdat, 1966. 141 p.

WATER BIRDS—CONGRESSES

Soveshchaniye po geografii resursov vodoplasnykh ptits v SSSR, 1985. [Geography of water birds in U.S.S.R., their stock, methods of breeding and efficient use; abstracts of reports.] Geografiya resursov vodoplasnykh ptits v SSSR, sositelnye zapasov, puti ikh vospriizvodstva i pravil'nogo ispol'zovaniya; tezisy dokladov. Moskva, Mosk. ob-vo lepyatelei prirody.

No. 1. 1985. 165 p.
No. 2. 1985. 118 p.

WATER FLEAS

Allergy to Daphnia. N.V. Adrianova. Sov. med. 29 no. 5:138-140 My '66.

WATER HAMMER

Water hammer in viscoplastic fluid flow in pipe. G.T. Gasanov and others. Azerb. nefi, khoz. 45 no. 8:17-19 Ag '66.

WATER HEATERS

Study of peak-load central-heating water heaters. M.A. Zenin. Prom. energ. 21 no. 6:18-22 Je '66.

WATER IN PLANTS see Plants, Water in

WATER METABOLISM

Changes in the indices of water-salt metabolism in some diseases of the liver. O.P. Ledev, M.G. Sheverda. Sov. med. 29 no. 7:21-26 Ji '66.

Effect of ionizing radiation on the early disturbances of water metabolism through the lung barrier in animals. L.A. Kachur, A.N. Shutko, T.I. Abroskina. Radiobiologiya 6 no. 4:529-533 '66.

WATER RESOURCES DEVELOPMENT

(see also subdivision under Tuva A.S.S.R.)
Shenger, I.U.E., ed. [Problems in financing water management.] Voprosy finansirovaniya vodnogo khozai-stva. Moskva, Finansy, 1966. 157 p.

WATER SUPPLY, RURAL

(see also subdivision under Ukraine)

Lugovskoi, M.V., V.M. Usakovskii, and P.D. Boradachev. [Manual on the mechanization of the water supply of livestock farms.] Spravochnik po mekhanizatsii vodo-snabzheniya zhivotnovodcheskikh ferm. Moskva, Ros-sel'khozizdat, 1966. 250 p.
(DNL)

WATER-SUPPLY ENGINEERING

Seminar on the exchange of experiences in engineering and geological research. M. Khomutov. Gidr. i mel. 16 no. 7:63 Ji '66.

WAVE FUNCTIONS

Integral over an ellipsoid and Born's second approximation. L.A. Sakhnovich. Dokl. AN SSSR 169 no. 2: 284-287 Ji '66.

Interaction between coherent radiation and atoms. A.D. Gazazian. Dokl. AN Arm. SSR 42 no. 5:288-293 '66.

WAVE GUIDES

Mashkovtsev, B.M., K.N. Tshibizov, and D.F. Emelin. [Theory of wave guides.] Teoriya volnovodov. Moskva, Nauka, 1966. 350 p.

Nonlinear effects in a plasma wave guide. V.F. Virko, S.M. Levitskii. Izv. vys. uchesh. zav. radiofiz. 9 no. 4:691-696.

Shin, R.A., and V.P. Sazonov. [Slow-wave systems.] Zamedlennye sistemy. [Moskva] Sovetskoe radio, 1966. 631 p.

WAVES

The problem of three bodies. An equation for partial waves. A.M. Badalian, I.U. A. Simonov. IAd. fiz. 3 no. 6:1032-1047 Je '66.

WAVES—SPEED

Wave propagation in highly viscous liquids. M.A. Isakovich, I.A. Chaban. Zhur. eksp. i teor. fiz. 50 no. 5:1343-1363 My '66.

WEATHER CONTROL

Experiment on weather modification by means of seeding of fog with dry ice. V.I. Beibaev, V.V. Vial'tsev, I.S. Pavlova. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 6:630-635 Je '66.

WEATHER FORECASTING

Forecasting the monthly amount of precipitation. N.A. Bagrov. Meteor. i gidrol. no. 7:3-12 Ji '66.

WEATHERING

Genesis of gabbro in slightly altered rocks of the weathering surface. N.A. Lislitsyna. Dokl. AN SSSR 169 no. 6:1394-1397 Je '66.

WEDGES—THERMAL PROPERTIES

Temperature originating in a wedge under the action of a source of variable dimensions and intensity. A.N. Reznikov, I.U. A. Novoselov. Inzh. fiz. zhur. 10 no. 6:712-717 '66.

WEED CONTROL

(see also subdivision under Rostov Province; Ukraine; Volgograd Province; Zhyra District)

Chemical weed control in buckwheat fields. A.A. Kolosova. Zemledelie 28 no. 5:52-53 My '66.

Controlling stolonate weeds. S.A. Kott. Zemledelie 28 no. 5:56-61 My '66.

Use of herbicides in fruit nurseries. A.A. Razzhivn. Vest. sel'khoz. nauki [Kazakh.] 9 no. 7:100-103 Ji '66.

Use of herbicides in nurseries and orchards. A.S. Dzviatou, N.I. Vasil'ev. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2:62-67 '66.

WEED KILLERS see Herbicides

WEEVILS—EXTERMINATION

How to control pine weevil. I.U. Malozemov, Zashch. rast. 11 no. 7:48 '66.

WEIGHTLESSNESS

Formation of motor habit in man under the alternating effect of overload and weightlessness. M.A. Cherepanin. Biol. eksp. biol. i med. 62 no. 7:22-26 Ji '66.

WELDED STEEL STRUCTURES

Mechanized storehouse for semifinished products for a block of shops of metal structure components. N.I. Ryzhkov, V.V. Speshikov. Svar. proizv. no. 6:21-23 Je '66.

WELDING

Heating of a two-layer plate in laser light-beam welding. N.N. Rykalin, A.A. Uglov, N.I. Makarev. Dokl. AN SSSR 169 no. 3:563-568 Ji '66.

WELDING—COMPETITIONS

Results of the all-Union competition of the Scientific Technological Society of the Machinery Industry for 1965 on welding. V.M. Kondratovich, A.I. Khodzhoev. Svar. proizv. no. 6:43-45 Je '66.

WELDING—CONGRESSES

Conference on chief welders in Kiev. M.M. Popokhin. Svar. proizv. no. 6:46 Je '66.

Seminar on the welding of dissimilar steels. G.V. Polishchuk. Svar. proizv. no. 6:46 Je '66.

WELDING—ECONOMIC ASPECTS

Direct the welding science and technology toward new objectives. Svar. proizv. no. 6:1-2 Je '66.

WELDING METALLURGY

Oxidizing processes in automatic metal deposition on steel with a cooling liquid. A.A. Buki. Svar. proizv. no. 6:16-18 Je '66.

WELLS—ESTIMATES

Russia (1923— U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and norms.] Stroitel'nye normy i pravila. Izd. ofitsial'-noe. Moskva, Stroizdat.

Pt. 4. [Estimates] Smetnye normy. Vol. 7, no. 2.
Ch. 18. [Caissons and dug wells.] Kessony i opushtnye kolodtzy.
Ch. 39. [Wells] Skvazhiny. 1066. 50 p.

WEST GERMANY see Germany, West

WEST SIBERIAN PLAIN—GAS, NATURAL—GEOLOGY

Prospects for finding oil and gas in the West Siberian Plain based on gas logging data. P.I. Cherevnykh, R.I. Chudinova. Geol. i geofiz. no. 4:155-156 '66.

WEST SIBERIAN PLAIN—PALEOCLIMATOLOGY—MAPS

Methodology of regional paleoclimatic reconstructions. A.V. Golbert, I.D. Polinaeva. Geol. i geofiz. no. 4: 26-35 '66.

WEST SIBERIAN PLAIN—PETROLEUM GEOLOGY

Prospects for finding oil and gas in the West Siberian Plain based on gas logging data. P.I. Cherevnykh, R.I. Chudinova. Geol. i geofiz. no. 4:155-156 '66.

WEST SIBERIAN PLAIN—SEISMIC PROSPECTING

Results of isolated and continuous observations in deep seismic sounding. S.V. Krylov and others. Geol. i geofiz. no. 3:101-112 '66.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WETTING

Wettability of high-melting carbides, borides and nitrides by molten metals. G.A. IAsinekaia. Porosh. met. 9 no. 7:53-55 Ji '66.

WHARVES—ELECTRIC EQUIPMENT

Underground transformer substations of the port wharves. B. Pain, G. Charnomordikov, M. Madis. Rech. transp. 25 no. 7:15-17 '66.

WHEAT

(see also subdivision under Atkarsk District; Central Chernozem Region; Kharkov Province; Kyubyshev Province; Orel Province; Ryazan Province; Ukraine)

Bar formation following X-ray irradiation of vernalized winter wheat seeds. D.O. Avakian, V.O. Babalan. Biol. zhur. Arm. 19 no. 6:18-22 Je '66.

More attention to durum wheat. A. Infakina, I. Gushchik. Zer. i masl. kul't. 1 no. 1:21-24 '66.

Spring wheat in eastern regions. A. Barnev. Zer. i masl. kul't. 1 no. 1:5-12 '66.

WHEAT—DISEASES AND PESTS

(see also subdivision under Ramon' region, Voronezh Province)

Nematode infection of spring wheat. Z. Mamonova, P. Smirnov. Zashch. rast. 11 no. 7:13-14 '66.

Root rot and poorly filled ears of spring wheat. N.I. Mikhailina, M.V. Gorlenko. Nauch. dokl. vys. shkoly; biol. nauki 9 no. 3:100-104 '66.

WHEAT—FERTILIZERS AND MANURES

(see also subdivision under Lipetsk Province)
Effect of systematic use of fertilizers in crop rotation on phosphate conditions of soils, effectiveness of phosphorus fertilizers and yield of winter wheat. M.V. Bilyk. Khim. v sel'khoz. 4 no. 7:2-6 Ji '66.

WHEAT—HARVESTING

Harvesting the Saratovskain 29 wheat. K. Kolonov, N. Dymchenko. Tekh. v sel'khoz. 26 no. 6:14-16 Je '66.

WHEAT—VARIETIES

Effect of preplanting treatment of seeds with N-subsituted chloroacetamide on growth and development of Late-cens 62 wheat variety. T.A. Emkina and others. Khim. v sel'khoz. 4 no. 7:18-19 Ji '66.

N.I. Vavilov as I saw him. V.E. Pisarev. Sov. arkh. no. 3:53 '66.

WHITE RUSSIA—AGRICULTURE

Concentrate all efforts on the fulfillment of the decisions of the 23d Congress of the CPSU. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2:5-7 '66.

WHITE RUSSIA—APPLE

Use of herbicides in nurseries and orchards. A.S. Dzviatou, N.I. Vasil'ev. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2:62-67 '66.

WHITE RUSSIA—APPLE—DISEASES AND PESTS

Biology and ecology of the red apple orchard mite in White Russia. V.I. Sidlarevich. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2:88-93 '66.

WHITE RUSSIA—APPLE—FROST RESISTANCE

Breeding apple for winter hardiness. A.I.A. Sidharov. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2:54-61 '66.

WHITE RUSSIA—BAKESIES

Specialized workshops for round cracknel production. I.U. Maluchenko. Sov. potreb. koop. 10 no. 6:10 Je '66.

WHITE RUSSIA—COLLECTIVE FARMS

Golovko, A.A. [Local soviets of White Russia in the struggle for the socialist reconstruction of agriculture, 1920-1935.] Mestnye Sovety Belorussii v bor'be za sotsialisticheskoe perestroistvo sel'skogo khozai'stva, 1920-1935 gg. Nauch. red. V.A. Dorogin. Minsk, Izd-vo M-va vysshego srednego spetsial'nogo i professional'nogo obrazovaniya BSSR, 1962. 211 p.
(MII)

WHITE RUSSIA—COOPERATIVE MARKETING OF FARM PRODUCE

Vital problems of procurement. V. Iakovenko. Sov. potreb. koop. 10 no. 6:10-13 Je '66.

WHITE RUSSIA—COWS—FEEDING AND FEEDS

Productivity and composition of the milk of Brown Latvian cows in White Russia. A.A. Galko, A.P. Pall-voda. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2:82-96 '66.

Summer feeding of lactating cows. V.A. Sapunov. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2:104-106 '66.

WHITE RUSSIA—CUCUMBERS—DISEASES AND PESTS

Measures for protecting cucumbers from bacteria in outdoor growing. M.A. Darozhkin, A.A. Sapagova. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2:74-77 '66.

WHITE RUSSIA—CURRANTS—DISEASES AND PESTS

Parasitic hymenoptera of currant borers (Synanthedon tipuliformis Cl.) in White Russia. V.V. Man'ko. Dokl. AN BSSR 10 no. 7:522-523 Ji '66.

White Russia. Ministerstvo prosveshchentsia. [Development of public education in the White Russian S.S.R. in 1963/64 school years; a report delivered at the 27th International Conference on Public Education in Geneva, July 1964] *Razvitiie narodnogo obrazovaniia v Belorusskoi SSR 1963/64 uchebnom godu; doklad na predstavlenii XXVII Mezhdunarodnoi konferentsii po narodnomu obrazovaniiu. Zheneva, Iul', 1964 god.* [Minsk, 1964] 49 p. [In Russian, English, and French.]

Ways of improving the efficiency of expenditures for the training of rural machine operators. F. Dedkov. Fin. SSSR 40 no. 8:64-67 Ag 1966.

Vital problems of procurement. V. Lakovenko. Sov. potreb.koop. 10 no.6;10-13 Je '66.

Forest drainage and its effect on the properties of soils and the productivity of pine plantations. I. K. Blintaov. Vestsi AN BSSR. Ser. sel'hasp. nav. no. 2:85-91. '68.

Economic effectiveness of the concentration and specialization of fruit culture in White Russia. I. M. Iarmashevich. Vestsi AN BSSR, Ser. sel'hasp. nav. no. 2:19-24 '66.

Vilna. Partijos istorijos institutas. [The Vilnius underground; reminiscences of the veterans of the revolutionary movement in the Vilnius region, 1920-1939] Vilniuskoje podpol'e; vospominania uchastnikov revoliutsionnogo dvizheniya v Vil'niuskom krae, 1920-1939 gg. Vilnius, Vaga, 1966, 394 p.

History of the establishment of military commissariats in
White Russia. P. A. Selivanau. Vestsi AN BSSR, Ser.
hram.nau. no. 2:25-33 '66.

Armashevich, I. M. [Economics and organization of horticulture in White Russia] Ekonomika i organizatsiya sadovodstva v Belorussii. [Minsk] Uradzhat [1966] 89 p.

Economics and organization of the use in White Russia of local resources for the liming of acid soils. V. T. Semashko. Vestsi AN BSSR. Ser. sel'hasp. nav. no. 2:8-13 '66.

cooperation with the Communist Youth League. V.
Savin. Voenn. znan., 42 no. 8:30 Ag '66.

he "Belarus" motor ship on the river. V. Shkuratov,
NTO 8 no. 6:18-19 Je '86.

parasite hymenoptera of currant borers (Synanthedon
ipuliformis Cl.) in White Russia, V. V. Man'ko, Dokl.
AN BSSR 10 no. 7:522-523 JI '66.

fect of trematode larvae on fish meat quality, V.I.A.
Linnik, Dokl. AN BSSR no. 7:524-527 JI '66.

ways of increasing the effectiveness of land improvement
in peat bog soils. S. G. Skoroparov, Gidr. i mel. 18
no. 7:51-57 J1 '66.

ur friends and helpers. V. Nesterovich. Sov. radio 1
tel. 12 no. 10:9-11 O '63.

Latol, V.S. [Fraternal cooperation of the White Russian and the Polish peoples, 1944-1964] Bratskoe ottrudnichestvo belorusskogo i pol'skogo narodov, 1944-1964. Minsk, Nauka i tekhnika, 1966. 138 p.

annual general meeting of the Academy of Sciences of the White Russian S.S.R. Vestsi AN BSSR, Ser. hram, av. no. 2:125-129 '66.

w the White Russian Bolsheviks struggled for the al-
lance of workers and peasants during the revolution of
1905-1907. K.I. Shabunina, Vestsi AN BSSR, Ser. bram,
av. no. 2:34-42 '66.

problem of Slavic settlements in White Russia in the
first century A.D.; based on archaeological data. L. D.
Gobal', A. H. Mitrafanau, Vestsi AN BSSR, Ser. gram.
iv. no. 2:43-53 1966.

Beloruskii nauchno-issledovatel'skii institut pozhovoveniya. [Soil study and efficient use of land; collection of papers for 8th International Congress of Soil Scientists.] Pochvennoye issledovaniya i ratsional'noye ispol'zovanie zemel'; sbornik nauchnykh statei k VIII Mezhdunarodnomu kongressu pozhovovedov. Red. Koll. I.S. Lupinovich i dr. Minsk, Urozhai, 1984. 277 p.

Golovko, A.A. [Local soviets of White Russia in the struggle for the socialist reconstruction of agriculture, 1920-1935] *Mezinye Sovety Belorussii v bor'bu za sotsialisticheskoe pereustroistvo bel'kogo khoziaistva, 1920-1935 ggy.* Nauchn. red. V.A. Dorogin. Minsk, Izd-vo M-va vysshago srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 211 p.

(MH)

Planting time for sugar beet seed plants in peat bog soils. I. E. Louta. Vestsi AN BSSR, Ser. sel'haup. nav. no. 2:42-48 '66.

Harmfulness of Peronospora infection of sugar beets.
A. S. Shukanau, *Vestsi AN BSSR, Ser. sel'hasp. nav.*
no. 2:78-84 '66.

Automation of a feed preparation shop for swine farms.
L. Tesnovets, Yu. Klochkov. Tekh. v sel'khoz, 20
no.6:23-26 Je 1968.

Our friends and helpers. V. Nesterovich. Sov. radio
tel. 12 no. 10:9-11 Q '63.

Methods of testing tomato varieties as to their resistance to artificial infection with *Phytophthora*. N. A. Dorozhkin, O. Ia. Strel'skaia. Dokl. AN BSSR 10 no. 7:400-499 J1 '66.

Tomato hybrids from self-sterile mother forms. Vestal
AN BSSR. Ser. sel'haep. nav. no. 2:49-53 '66.

Effect of trematode larvae on fish meat quality. V. IA.
Linnik. Dokl. AN BSSR no. 7:524-527 JI '80.

We shall never forgive fascist murderers! V. P. Kuznetsov. Sov. arkh. no. 3; 99-100 '66.

Akovenko, V. K. [On the occupied land] Na okkupirovannoi zemle. Moskva, Politizdat, 1980. 302 p.

WHITE RUSSIAN LANGUAGE—FOREIGN WORDS AND

ome problems concerning White Russian-Ukrainian
linguistic contacts in the ancient period. A. I. Zhur-
avskii. Vestsi AN BSSR, Ser. hram. nav. no. 2:70-87
1966.

volution of the graphic system of Old White Russian
writing. A. M. Bulyka. Vestn AN BSSR, Ser. gram.
nazn., no. 2:70-78 '66.

HITE RUSSIAN OPERA see Opera, White Russian

gal, G.A. [Dialectics of part and whole in living nature]. Dialektika chasti i tselogo v zhivoi prirode. Moskva, Znanie, 1966. 31 p. (Bibliotekha "Filosofskie problemy biologii." V pomoshch' zanimalushchimsia v sisteme partinnoi ucheby)

pe tension and speed conditions of the winch operating
the bells in blast furnaces. V.D. Plakhtin, Stal' 20
0.6:400-494 Je 1966.

it necessary to collect windfalls? A. Shestakova,
Zashch. rast. 11 no. 7:40 '06.

DOVE

Manufacture of small twin hinged window sashes on the L-27 line. L.I. Vorob'ev. Der. prom. 15 no. 8; -30 Je '86.

effect of the nature of mineral acids on the desorption of metal cations from woodpulp materials. O.K.Zav'yaeva, V.I.Kur'ev, *Izv.vys.shebel.kav.,* 1982, No. 3, 134-139, 10 refs.

WOOD PULP (Continued)

Effect of the two-step aqueous prehydrolysis of larch wood on the physicochemical properties of viscose sulfate pulp. S. D. Antonovskii and others. *Bum. prom.* no. 6:4-5 Je '66.

WOODPULP INDUSTRY

Calculating the final blowing out of gas in sulfite pulping. L. O. Ioffe. *Bum. prom.* no. 6:18-20 Je '66.

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

Difficulties in the work of the "Kamir" system of continuous cooking and their elimination. N. P. Strebkov, I. S. Sedoikin, I. D. Kravchenko. *Bum. prom.* no. 6:15-17 Je '66.

Pudkov, G. N. [Manual for workers in evaporator stations for sulfate liquors]. Posobie vyparshchiku sulfatnykh shchelokov. Moskva, Leningradskaya promyshlennost', 1966. 197 p.

[Technology and equipment of the woodpulp, paper, and printing industry]. Ref. zhur. Tekh. i obr. sel. - bum. i poligr. proizv. no. 6 Je '66.

WOODWORKING INDUSTRIES—FINANCE

Evaluating level of capital yield at enterprises of wood-working industry. P. S. Shaltor. *Der. prom.* 15 no. 8: 17-19 Ag '66.

WOODWORKING INDUSTRIES—MANAGEMENT

Working out and introducing plans of scientific organization of labor at woodworking enterprises. L. B. Fabritskii. *Der. prom.* 15 no. 8:21-23 Ag '66.

WOODWORKING MACHINERY

Hard-alloy knives for jointing machines and matcher planers. I. P. Zakharenko, A. A. Lobai. *Lis., pap. i der. prom.* no. 3: 8 My-Je '66.

WOODWORKING MACHINERY—HYDRAULIC EQUIPMENT

Precision of setting saws in edging machines with an electrohydraulic servo drive. V. M. Kuznetsov. *Der. prom.* 15 no. 6:9-11 Je '66.

WOODWORKING MACHINERY—TECHNOLOGICAL INNOVATIONS

Unifying woodworking machines. A. I. Dobrinskii. *Stand. i kach.* 30 no. 3:15-18 Mr '66.

WOODY PLANTS see subdivision under Kazakhstan; Soviet Central Asia

WOOL—GRADING

Bunteel'man, I. D., and others. [Apparatus and equipment for determining wool quality]. Pribury i oborudovanie dlia opredeleniia kachestva shersti. Moskva, Ekonomika, 1966. 88 p. (Biblioteka zagotovitel'na zhirovodcheskikh produktov i syr'ia)

WOOL INDUSTRY—EQUIPMENT AND SUPPLIES

Ways of improving the supply of materials and equipment in the wool industry. V. P. Rodionov. *Trudy INKh* no. 42:47-58 '66.

WOOLEN AND WORSTED MANUFACTURE

(see also subdivision under Bryansk)

Moscow. Tsentral'nyi institut nauchno-tekhnicheskoi informatsii tekstil'noy promyshlennosti. [Manufacture of woolen fabrics on the STD shuttleless looms]. Vyrabotka shorstatnykh tkanei na beschelnoknykh tekstil'nykh stankakh STD. Moskva, TsINTI, 1966. 72 p.

WOOLEN AND WORSTED SPINNING—EQUIPMENT AND SUPPLIES

Reziakov, A. V. [Automatic line in wool spinning]. Potokovyye liniy v prirodnoi shorsti. Moskva, Logika Industrii, 1966. 234 p.

WORK—PHYSIOLOGICAL ASPECTS

Labor and physical development of man during the period of transition to communism. I. B. Vishnevskii. *Vest. LGU* 21 no. 11:115-117 '66.

WORKINGMEN'S CLUBS see subdivision under Estonia

WORKMEN'S COMPENSATION see Employers' Liability

WORKS COUNCILS

Ignat'ev, N. I. [How to prepare and conduct a workers' conference]. Kak podgotoviti i provesti rabochee sobranie. [Moskva] Profizdat, 1965. 78 p. (Biblioteka profsoyuznogo aktivista, no. 11(197))

WORLD COUNCIL OF CHURCHES

Session of the Central Committee of the World Council of Churches in Geneva in 1965. N. Zabolotskii. *Zhur. Mosk. Patr.* no. 6:55-59 '66.

To the world conference "Church and society." G. Trotskii. *Zhur. Mosk. Patr.* no. 8:65-67 '66.

WORLD POLITICS

[Chronicle of international events, 1965] Khronika mezhdunarodnykh sobytii, 1965 god. Moskva, IMO, 1966. 317 p.

Condemnation of the aggressor. *Nov. vrem.* 24 no. 37: 1-2 S '66.

Current problems of world politics. *Mir, ekon. i mezhdunar. otn.* no. 7:82-100 '66.

History and the present. B. I. Zverev. *Mor. shor.* 40 no. 6: 8-15 Je '66.

International events. *Nov. vrem.* 24 no. 36:32 S '66.

International news. *Nov. vrem.* 24 no. 35:24-25 Ag '66.

International news. *Nov. vrem.* 24 no. 36:21-22 S '66.

International notes. *Nov. vrem.* 24 no. 36:25-26 S '66.

International notes. *Nov. vrem.* 24 no. 37:25-26 S '66.

Letters to the editor. *Nov. vrem.* 24 no. 36:20 S '66.

Letters to the editor. *Nov. vrem.* 24 no. 36:20 S '66.

Notes on the international life. *Nov. vrem.* 24 no. 34: 23-24 Ag '66.

On the eve of the session of the U.N. General Assembly. *Nov. vrem.* 24 no. 36:1-3 S '66.

Peace and national liberation. S. Bulygin. *Az. i Afr. seg.* 10 no. 8:2-4 Ag '66.

World events. *Nov. vrem.* 24 no. 37:32 S '66.

WORLD WAR, 1939-1945

(see also subdivision under Barents Sea; Bag Valley; Bukovina; Bulgaria; Caucasus; Czechoslovakia; Hungary; Kerch Peninsula; Novorossiysk; Odessa; Poland; Shumshu Island; Siberia; Smolensk; Bury Province; Ukraine; Ukraine, Western; White Russia; Yel'nya, Smolensk Province)

Contribution of the scientists of the Soviet Ukraine to the munitions industry during the Great Patriotic War, 1941-1945. M. M. Malilko. *Ukr. ist. zhur.* 10 no. 6:59-63 Je '66.

[Fallen heroes are speaking; last letters of Soviet fighters who died opposing German-fascist occupation forces, 1941-1945]. Govarlat pogibshih gerol; pred-smertnyye pis'ma sovet'skikh bor'bov protiv nemetskoi-fashistskikh zakhvatnikov, 1941-1945 gg. 3, 1 apr. i dop. Izd. Moskva, Politizdat, 1966. 526 p.

Goldman, R. A., and E. I. Sazkovets. [Timiriazov Academy during the years of the Great Patriotic War]. Timiriazovskaii akademiia v gody Velikoi Otechestvennoi volny. Moskva, Mosk. sel'khoz. akad. im. K. A. Timiriazova, 1965. 40 p.

An international conference of historians in Berlin. S. B. Grabovskii. *Vop. ist. KPSS* 10 no. 8:151-162 Ag '66.

June 1941. *Sov. arkh.* no. 3:56-64 '66.

The Second World War and the radicalization of social thought. V. I. Klovov. *Ukr. ist. zhur.* 10 no. 6:16-26 Je '66.

Sitnikova, T. A. [Party struggle for the consolidation and development of socialist society. Strengthening of defenses of our country, 1937-June, 1941]. Partia v bor'be za uprochnenie i razvitiie sotsialisticheskogo obshchestva. Usil'nie oborony strany, 1937 god-Iun' 1941 goda. Moskva, Politizdat, 1966. 37 p. (Uchebno-metodicheskoe posobie k izucheniiu istorii KPSS v shkolakh osnovnogo i srednego spetsial'nogo obrazovaniia)

Thornwald, Jürgen. [Essays on the history of the liberation movement of the peoples of Russia. Translated from the German]. Ocherki k istorii osvoboditel'nogo dvizheniia narodov Rossii. [London, Ontario] Izd-vo Soluzh bor'by za osvobodheniie narodov Rossii (SBORNR) 1965. 120 p.

(NIC)

WORLD WAR, 1939-1945—AERIAL OPERATIONS

For life of comrades. A. Karpov. *Av. i kosm.* no. 8: 76-70 Ag '66.

"Normandy-Neman Squadron." V. P. Ufina. *Sov. arkh.* no. 3:101-102 '66.

WORLD WAR, 1939-1945—BIOGRAPHY

Salkhutdinov, Farid, and Mikhail Is'ko. [Glorious sons of Samarkand; short accounts of the deeds at the fronts of the Great Patriotic War by citizens of Samarkand decorated with the order "Hero of the Soviet Union."]. Slavnoe syny Samarkanda; krotkie rasskazy o podvigakh samarkandsev - gerov Sovetskogo Soyuza na frontakh Velikoi Otechestvennoi volny. Samarkand, Izd-vo Samarkandskogo gos. univ. [1962] 145 p.

(INU)

WORLD WAR, 1939-1945—CAMPAIGNS

Middeldorf, Elke. [Tactics in Russian campaign. Translated from German]. Taktika v russkoi kampanii. Moskva, Voennoe izd-vo M-vn oborony, 1968. 356 p.

The powerful rocket units. K. Kazakov. *Voen. znani.* 42 no. 7:5-6 Ji '66.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

The Black Sea merchant marine in the early phase of the Great Patriotic War. IF. I. Tsybal. *Ukr. ist. zhur.* 10 no. 6:80-81 Je '66.

From war notebooks. V. I. Rudnyi. *Mor. shor.* 40 no. 6: 16-23 Je '66.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Davydov, I. A. D. [In battle and in formation] V bol'shii stroi. Moskva, DSSAAF, 1966. 107 p.

Fedorov, A. G. [For happiness; notes of a command pilot]. Plin za schast'e; zapiski letchika-komandira. [Frunze, Kyrgyzstan, 1964]. 282 p.

(MB)

WORLD WAR, 1939-1945—REGIMENTAL HISTORIES

Mukoveev, M. S. [In the footprints of a legend] Po sledam legendy. Moskva, Voenizdat, 1966. 214 p.

WORLD WAR, 1939-1945—SUPPLIES

The struggle of Siberian workers for the development of the munitions industry in 1941-1942. M. R. Akulov. *Ist. SSSR* 10 no. 3:27-47 My-Je '66.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Gorbuov, V. A., and V. P. Poluan. [Daredevil; a special purpose detachment] Smel'skii; etriad osobogo naznacheniia. Moskva, Politizdat, 1966. 77 p.

[People of legends] Liudi legend, Moskva, Politizdat. No. 2, 1966. 718 p.

WORMS, INTESTINAL AND PARASITIC

Ehul'is, R. S. [Helminths and helminthiasis of domestic animals]. Gel'minty i gel'mintiozy sel'skokhoziaistvennykh zhivotnykh. Alma-Ata, Kazan, 1964. 388 p.

(DNL)

WORMWOOD see subdivision under Azerbaijan

WORTH

Akademiia nauk SSSR, Leningradskaii kafedra filosofii. [Problem of value in philosophy]. Problema tsennosti v filosofii. Moskva, Nauka, 1966. 260 p.

The problem of value and Marxist philosophy. O. G. Drobnitskii. *Vop. filos.* 20 no. 7:33-44 '66.

Truth and value. O. M. Bakuradze. *Vop. filos.* 20 no. 7:45-48 '66.

WOUNDS

Some errors in identification of instruments based on lesions. I. B. Dmitriev. *Sud.-med. eksp.* 0 no. 3: 18-23 Ji-S '66.

WOUNDS—TREATMENT

Gorkii, G. [Gorkovskii nauchno-issledovatel'skii institut travmatologii i ortopedii]. [Prevention of traumatism and treatment of traumas and their consequences; materials for a scientific conference]. Profilaktika travmatizma i lecheniie travm i ikh posledstviia; materialy k nauchnoi konferentsii. Gorkii, 1964. 330 p.

WRENCHES

Wrenches for tightening threaded joints. M. M. Kukhtenkov. *Tekh. i org. proizv.* no. 1:66-68 Ja-I '66.

WRIST—DISLOCATION

Etiology of subluxations in the first metacarpophalangeal joint. E. A. Bogdanov. *Ortop., travm. i protez.* 27 no. 7:90-70 Ji '66.

X-RAY CRYSTALLOGRAPHY

Distribution of residual stresses of the second kind in the deformation of a metal in an ultrasonic field. V. P. Severdenko, V. V. Klusovskii, M. V. Kharitonovitch. *Dokl. AN SSSR* 10 no. 7:466-467 Ji '66.

Gelfand, I. M., and others. [Method of steep descent in problems of X-ray structural analysis]. Metod svyazov v zadachakh rentgenostruktural'nogo analiza. Moskva, Nauka, 1966. 70 p.

Investigating the possibility of applying quantitative phase-shift analysis to microcrystalline glasses materials. I. I. Klitgorodskii, N. M. Pavlushkin, A. A. Khodakovskaiia. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:726-737 Ap '66.

X-RAY CRYSTALLOGRAPHY—CONGRESSES

Results of the 3d All-Union Conference on the X-Ray examination of Minerals. *Izv. AN Arm. SSR, Nauka o zem.* 18 no. 3:106-111 '66.

X-RAY DIFFRACTION EXAMINATION

New compounds with the $W_2Cr_{21}C_6$ type structure in some ternary systems involving cobalt. I. V. Voroshilov, I. U. B. Kuz'mina. *Izv. AN SSSR, Neorg. mat.* 2 no. 4:764-765 Ap '66.

Study of the system $Bi_2S_3 - Sb_2S_3$. N. M. Bondar'. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:1144-1147 Je '66.

Use of an X-ray diffraction picture in determining the direction of piezoelectric oscillations. V. I. Avundzhian, P. A. Bozorgian. *Dokl. AN Arm. SSR* 42 no. 5:284-287 '66.

X-ray diffraction data on the composition and structure of one of the hydrazine-carboxylic compounds of nickel. M. K. Guseinov and others. *Dokl. AN SSSR* 160 no. 3: 577-578 Ji '66.

X-ray diffraction examination of praseodymium selenides. E. I. Iarenbach and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 6:104-106 Je '66.

X-RAY SPECTROSCOPY

Modification of the structure of polyamides with a phenol-formaldehyde oligomer. A. V. Ermolina, I. M. Abramova, V. A. Kargin. *Vysokom. soed.* 8 no. 8:1346-1350 Ag '66.

X RAYS—DIFFRACTION

Anomalous changes in the X-ray interference picture during the aging of nickel-beryllium alloys. K. V. Var-
la, I. A. Skakov, I. A. S. Umanskii. Fiz. met. i metallo-
ved. 21 no. 5:779-781 My '66.

X RAYS—EFFECT ON PLANTS see Plants, Effect of X rays on

X RAYS—EQUIPMENT AND SUPPLIES

Adding device for an X-ray chamber. G. A. Mochalov.
Met. i metaloved., chist. met. no. 5:211-214 '66.

X RAYS—PHYSIOLOGICAL EFFECT

Absorbability of X rays of different hardness by cornea.
T. N. Grigor'iants. Trudy Turk. nauch.-issl. frakh. inst.
9:217-219 '66.

Changes in mechanical electrical properties of the
monomolecular film of crystalline myosin, irradiated
in small doses. K. Sh. Nadaraiswili, A. R. Eglazarova.
Radiobiologiya 6 no. 4:503-509 '66.

Combined effect of ionizing radiation and mucolytic
enzyme on experimental radiation bacteremia.
A. T. Ter-Avetisyan. Biol. zhur. Arm. 19 no. 6:29-34
Je '66.

Comparative radiosensitivity of chromosomes in the
cultured peripheral blood leucocytes of normal people
and patients with Down's syndrome. A. P. Chudina,
T. S. Maliutina, E. E. Pogosiants. Genetika no. 4:51-53
Ap '66.

Effect of ionizing radiation on the early disturbances of
water metabolism through the lung barrier in animals.
L. A. Kachur, A. N. Shatko, T. I. Abroskina. Radio-
biologiya 6 no. 4:529-533 '66.

Effect of ionizing radiation on the morphogenesis of skin
structures in cultures of the organism according to
Lazarovskii, Z. S. Khlystova, O. N. Raktina. Radio-
biologiya 6 no. 4:574-577 '66.

Effect of penetrating radiation on the cytochrome oxidase
in the small intestine of mice. A. V. Strelina. Radio-
biologiya 6 no. 4:519-523 '66.

Effect of soft X-ray irradiation on spermatogenic epithe-
lium in mice. K. K. Surikova. Dokl. AN SSSR 169
no. 3:685-687 Ji '66.

Effect of soft X-ray irradiation on the content and bio-
synthesis of DNA in mouse tissues. A. S. Orlov.
Radiobiologiya 6 no. 4:500-502 '66.

Effect of strychnine and picrotoxin on the central nervous
system in frogs during X-ray irradiation. B. M. But-
aev. Sbor. nauch. trud. SOGMI no. 11:120-123 '64.

Effect of whole-body X-ray irradiation on the excretion of
pseudouridine with animal urine. N. A. Fedorov,
A. S. Kosenko. Radiobiologiya 6 no. 4:534-537 '66.

Effect of X-ray irradiation on the distribution of amino
acids between erythrocytes and plasma. I. B. Fridland,
M. M. Kubareva. Radiobiologiya 6 no. 4:516-518 '66.

Effect of X-ray irradiation on the sensitivity of insects
to insecticides. V. I. Vashkov, V. D. Poleschuk. Zhur.
mikrobiol., epid. i immun. 43 no. 8:9-11 Ag '66.

Effect of X-ray irradiation on the sensitivity of the cen-
tral nervous system to hexenal. B. M. Butaev. Sbor.
nauch. trud. SOGMI no. 11:117-119 '64.

Effect of X rays on the auditory capsule induction in a
frog embryo. V. V. Popov, Khassan Ali-Sakini. Radio-
biologiya 6 no. 4:633-634 '66.

Effect of X rays on the normal and regenerating epitheli-
um of the mouse cornea. A. N. Studitskii, M. F. Popova,
N. V. Bulikova. Radiobiologiya 6 no. 4:544-548 '66.

Occurrence of lethal mutations in the heterochromatic
region of the X-chromosome of Drosophila melanogaster
as related to preirradiation development temperature.
Z. M. Kogan. Genetika no. 4:38-44 Ap '66.

Postnatal immunological changes in rats subjected to
relatively small-dose ionizing irradiation from the
16th to the 20th day of embryogenesis. D. G. Pel'te.
Radiobiologiya 6 no. 4:565-567 '66.

Protective and restorative reactions of organism at dif-
ferent radiation dosage. T. N. Dzhabardze. Sbor. AN
Gruz. SSR 43 no. 1:221-225 Ji '66.

Radiosensitivity and mutability characteristics of the
fibroblasts of embryonal tissues in mice, irradiated at
different phases of the mitotic cycle. I. A. Mitrofanov.
Genetika no. 4:31-37 Ap '66.

Role of the adrenal cortex in the increase of the resis-
tance of X-irradiated white rats to acute hypoxia. G. A.
Vasil'ev, I. A. Medvedev. Radiobiologiya 6 no. 4:618-
619 '66.

Some physicochemical changes in the irradiated skin of
a tadpole as related to its ability to a rapid transforma-
tion into the cornea. O. P. Melekhova, V. V. Popov,
I. U. P. Kozlov. Vest. Mosk. un. Ser. 8: Biol., pochv. 21
no. 2:38-47 Mr-Ap '66.

Specificity of repair mechanisms of the bacterial cell
damaged by ultraviolet and X rays. V. D. Zhestiankov.
TSitologiya 8 no. 3:404-409 My-Je '66.

X RAYS—THERAPEUTIC USE

Results of Chaoul therapy in small doses in hemangiomas
in children. F. G. Bakshalova, M. M. Viderli, Azerb.
med. zhur. 43 no. 5:52-58 My '66.

XENOLITHS

Some problems of the methodology of studying ore zones
confined to xenoliths of the roof of intrusives. E. I.
Filatov. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 6:
58-63 Je '66.

XEROGRAPHY—EQUIPMENT AND SUPPLIES

Neiman, S. M. [Soviet-made continuous electrophotogra-
phic copying equipment] Elektrofotograficheskaya ko-
pirovannaya apparatura nepreryvnogo deystviya oteche-
stvennogo proizvodstva. Leningrad, 1966. 30 p. (Le-
ningradskii dom nauchno-tekhnicheskoi propagandy.
Proizvodstvennyi opyt. Seriya: Ekonomika, upravlenie
i organizatsia proizvodstva)

XYLANS

Studying the composition and structure of xylan from
raw materials for the hydrolysis industry. Report No. 3.
G. I. Obukhova, V. I. Shurkov. Izv. vys. ucheb. zav.;
les. zhur. 9 no. 3:151-156 '66.

XYLENE—THERAPEUTIC USE

Discharge of dead parasites through a diode catheter
as an effectiveness index of ethoxy therapy in opio-
thorosis. G. M. Fabusovich. Sov. med. 29 no. 7:
84-86 Ji '66.

XYLOSE

Catalytic activity of acids in the conversion of xylome
into furfural. V. K. Kononov, V. I. Shurkov. Izv.
vys. ucheb. zav.; les. zhur. 9 no. 3:145-150 '66.

YAKUTIA—COAL GEOLOGY

Some indications of allochthonous coals in southern
Yakutia. V. I. Frolov, Sh. A. Siundinkov. Geol. i geo-
fiz. no. 4:134-136 '66.

YAKUTIA—DIAMONDS

Some physical properties of diamonds from eclogite in
Yakutia. E. V. Sobolev and others. Dokl. AN SSSR 168
no. 5:1151-1153 Je '66.

YAKUTIA—ECLOGITE

Some physical properties of diamonds from eclogite in
Yakutia. E. V. Sobolev and others. Dokl. AN SSSR
168 no. 5:1151-1153 Je '66.

YAKUTIA—GEOLOGY, STRATIGRAPHIC

Aechean stratigraphy in the upper T'impton and Gornam
Valleys (southern Yakutia). V. A. Kudriavtsev. Geol.
i geofiz. no. 4:54-63 '66.

YAKUTIA—LEUCITE ROCKS

Pseudoleucite rocks of the Murun alkali massif. V. P.
Rogova. Dokl. AN SSSR 168 no. 2:445-448 Ji '66.

YAKUTIA—MERCURY ORES

Mineral association at the mercury deposits of north-
eastern Yakutia. M. A. Galkin. Dokl. AN SSSR 168
no. 2:438-440 Ji '66.

YAKUTIA—MICE

Interior characteristics of murine rodents in Yakutia.
V. M. Krivosheev, I. N. Krasnikova. Zool. zhur. 45
no. 7:1081-1086 '66.

YAKUTIA—MINERALOGY

Mineral association at the mercury deposits of north-
eastern Yakutia. M. A. Galkin. Dokl. AN SSSR 168
no. 2:438-440 Ji '66.

YAKUTIA—QUARTZ

Structural and morphological factors in the evaluation
of the manifestation of rock crystal in southern Yaku-
tia. G. B. Mitsh. Trudy VNIIP [MS] 7:108-111 '62.

YAKUTIA—ROCKS, IGNEOUS

Pseudoleucite rocks of the Murun alkali massif. V. P.
Rogova. Dokl. AN SSSR 168 no. 2:445-448 Ji '66.

YAKUTIA—SWAMPS

Interpretation of swamp types in mountainous regions
of southern Yakutia as indicators of conditions govern-
ing engineering geology. L. V. Kondratova. Sbor. st.
po geol. i gidrogeol. no. 5:100-108 '66.

YAKUTSK REGION—PHYTOPLANKTON

Photosynthesis and vertical distribution of phytoplankton
of some lakes in the vicinity of Yakutsk. I. I. Vasil'eva.
Izv. SO AN SSSR no. 4. Ser. biol.-med. nauk no. 1:28-
32 '66.

YALTA—PHYSICS—STUDY AND TEACHING

Summarizing work of International School of Theoretical
Physics in Yalta. Dop. AN URSR no. 7:989 '66.

YAREGA REGION (KOMI A. S. S. R.)—SANDSTONE— TESTING

Studying the strength properties of the Yarega deposit
sandstone. V. L. Baron, E. I. Klukva, I. U. Naiden-
ko. Fiz.-tekh. probl. razrab. pol. iskop. no. 3:9-12
'66.

YAROSLAVL—CREDIT

Bank deposits. A. Kosol. Don. i kred. 24 no. 7:
35-36 Ji '66.

YEAST

Nature of the postirradiation recovery of yeast cells
from dominant lethality following temporary exposure to
delay. V. S. Baranov, O. V. Molinavskii, N. M. Pash-
kova. Genetika no. 4:136-146 Ap '66.

Sulfhydryl groups and the activity of transketolase of
baker's yeast. G. A. Kochetov, I. G. Loshakov. Dokl.
AN SSSR 168 no. 5:1282-1284 Je '66.

YEAST—CULTURES AND CULTURE MEDIA

Isolation and fractionation of yeast protoplasts. I. I.
Abramova, R. A. Zylaginskaya. TSitologiya 8 no. 3:
409-414 My-Je '66.

YEL'NYA (SMOLENSK PROVINCE)—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

A handful of nob from Yel'nya. K. P. Ilyashkin. Vys.
znam. 42 no. 6:112 Ap '66.

YEMEN—POLITICS AND GOVERNMENT

His Majesty "Cave Imam." B. Zakhraev. Ar. i Mez. az.
10 no. 8:32-33 Ag '66.

YENAKIYEVO (DONETSK PROVINCE)—IRON-ORE MINES

Ways of increasing the output of the 1100 thousand tons
at the Yenakiyevsk Metallurgical Plant. P. A. Zakhraev,
E. I. Podkovyrin. Trudy Dnepr. inst. khim. i met. 19:
53-58 '66.

YENISEY RIVER—DESCRIPTION AND TRAVEL

Nekrasov, A. S. [We were in Dicken] My byt i razv. na-
uc. Moskva, Sovetskaya Rossiya, 1966. 60 p.

YENISEY VALLEY—GAS, NATURAL—GEOLOGY

Comparative evaluation of prospects for finding oil and
gas in the soils of the Tunguska syncline and its
margin. V. D. Koz'yev. Geol. i geofiz. no. 1:21-22
'66.

YENISEY VALLEY—GEOLOGY, STRATIGRAPHIC

Alakulskaya nauka SSSR. Sibirskoe otdeleniye. Institut ge-
ologii i geofiziki. [Palynology and stratigraphy of the
Quaternary sediments of the Ob' and Yenisey River
basins] Palynologiya i stratigrafiya chetvertichnykh
otlozhenii basenov rek Obi i Eniseia. Moskva, Nauka,
1966. 76 p. [K. H. Mezhdunarodnoi paleontologicheskoi
konferentsii, Utrskii, 1966 g.]

YENISEY VALLEY—PETROLEUM GEOLOGY

Comparative evaluation of prospects for finding oil and
gas in the soils of the Tunguska syncline and its
margin. V. D. Koz'yev. Geol. i geofiz. no. 1:21-22
'66.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH

Borodkin, L. I. [Veterans train youth] Veterany vo-
yennykh let. [Moskva] Proizdat, 1965. 92 p.
[Biblioteka profsoyuznogo aktivnaya, no. 17(17)]

Following the great tradition. Novyrem. 24 no. 1:1
9 '66.

Kornilov, L. K. [On youthful honor, first love, and
one hundred "why's." O chasti molodosti, pervoi lyub-
vi i sto "pochemu." [Moskva] Molodai gvardiya, 1965.
172 p.
(NIP)

They were first. N. Selezneva. Biblioteka 43 no. 1:1
20 Ag '66.

YOUTH—EMPLOYMENT

Ensure total utilization of labor resources. I. Dorosh-
va. Plan. khoz. 43 no. 8:20-29 Ag '66.

Let us give a hearty welcome to secondary-school
graduates. P. Vollik. Sov. potreb. kooper. 16 no. 1:
33-37 Ja '66.

The unity and succession of generations. B. Pavlov.
Kommunist 43 no. 12:30-47 Ag '66.

YOUTH AND SOCIALISM see Socialism and Youth

YOUTH IN LITERATURE

Young people grow up in struggle for communism.
N. Ribnikov. Biblioteka 43 no. 8:21-25 Ag '66.

YTTRIUM

Yttrium diffusion in zirconium. G. B. Fedorov, E. I.
Zhomov, E. A. Smirnov. Met. i metaloved., chist. met.
no. 5:22-24 '66.

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia] Nov. lit. po YUg. no. 5
'66.

YUGOSLAVIA—ECONOMIC CONDITIONS

Karlina, L. F., I. K. Krtazov, and L. V. Tlagareva.
[The economy of Yugoslavia] Ekonomika Yugo. slavii.
Moskva, Ekonomika, 1966. 222 p.

YURAKS

Khomichev, L. V. [Notes: historical and ethnographical
studies] Notitsy; istoriko-etnograficheskie ocherki.
Moskva, Nauka, 1966. 320 p.

ZAILIYSKIY ALATAU see Trans-Ili Alatau

ZANGEZUR RANGE—ORE DEPOSITS

Some conditions governing the formation of skarns and mineralization of the contact zone of the adamellite phase of Megri-Ordubad batholith. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 6 80-84 Je '66.

ZANGEZUR RANGE—SKARNS

Some conditions governing the formation of skarns and mineralization of the contact zone of the adamellite phase of Megri-Ordubad batholith. S.A. Bektaev. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 6; 80-84 Je '66.

ZAPOROBIANS

From the cultural life of the Zaporobians. A.I. Hume-nuk. Ukr. ist. zhur. 10 no. 6:107-112 Je '66.
Negligence or the ignorance of historical facts? Volody-myir Halys'kyl. Ukr. ist. zhur. 10 no. 6:152-154 Je '66.
Ukrainian literature and the story on Ivan Sirko in Sa-milko Velychko's annals. I.A. Dzyna. Ukr. ist. zhur. 10 no. 6:154-156 Je '66.

ZAPOROZH'YE—INCENTIVES IN INDUSTRY

Ruble has become good controller. N. Olenich. Part. zhizn' no. 17:39-40 S '66.

ZARINS, MARGERIS, 1910-

The search continues. L. Krasinskaya. Sov. muz. 30 no. 5:48-53 My '66.

ZASURSKI, NIKOLAI VASIL'EVICH, 1897-1966

N.V. Zasurski; obituary. Stand. i kach. 30 no. 3:49 Mr '66.

ZEOLITES

Adsorption of C₉ - C₁₆ alkanes on a shaped CaA zeolite. N.N. Griazev, N.I. Kuptsova, G.A. Rumyantseva. Dokl. AN SSSR 169 no. 2:375-377 JI '66.

Dielectric properties of water adsorbed by zeolites. Report No. 3: Dielectric losses in the system NaA zeolite crystals - water of average adsorption. V.M. Fedorov and others. Izv. AN SSSR. Ser. khim., no. 7: 1129-1135 '66.

Phase transition in benzene adsorbed on NaX zeolite. S.Z. Mumlov and others. Dokl. AN SSSR 169 no. 3:622-625 JI '66.

Promoting action of water in the cracking reaction on type-Y zeolites. Kho Shi Tkhoang [Huo Shih Ch'uang], B.V. Romanovskii, K.V. Topchlova. Dokl. AN SSSR 168 no. 5:1114-1116 Je '66.

Studying the performance duration of zeolites CaA in the process of isolation of n-alkanes from gasoline. P.N. Galich and others. Neft. i gaz. prom. no. 2:44-46 Mr-Apr '66.

ZETKIN, KLARA, 1857-1933

Klara Zetkin's unknown letters. Vop. ist. KPSS 10 no. 8:83-86 Ag '66.

ZEYA RIVER—SHORE PROTECTION

Natural slopes of the Amur and Zeya banks. I. Solov'ev. Rech. transp. 25 no. 7:35 '66.

ZHITOMIR PROVINCE—RURAL LIBRARIES

We help each reader. V. Eliseeva. Bibliotekar' 43 no. 8:16-19 Ag '66.

ZINC—HARDENING

Metal shape changing under the simultaneous effect of heat cycles and external loading. IU. N. Golovanov and others. Met. i metalloved. chist. met. no. 5:111-123 '66.

ZINC-NIOBIUM ALLOYS see Niobium-zinc alloys

ZINC ORGANIC COMPOUNDS see Organozinc compounds

ZINC RARE EARTH ALLOYS see Rare earth-zinc alloys

ZIRCONIUM

Explosiveness of suspensions of zirconium and its alloys. V.G. Ioffe. Fiz. gor. i vzryva no. 1:117-118 '66.

ZIRCONIUM—CORROSION

Pitting corrosion of zirconium in perchlorate solutions. V.A. Gil'man, I.A. M. Kolotyrkin. Zashch. met. 2 no. 3: 360-361 My-Je '66.

ZIRCONIUM—HYDROGEN CONTENT

Experimental investigation of the effect of the temperature gradient on hydrogen distribution in zirconium. V.S. Ermel'yanov and others. Met. i metalloved. chist. met. no. 5:12-21 '66.

ZIRCONIUM ALLOYS—METALLOGRAPHY

Studying alloys of the system Zr - C. IU. G. Godin and others. Met. i metalloved. chist. met. no. 5:25-32 '66.

ZIRCONIUM BORIDES

Conversions of zirconium dodecaboride to zirconium diboride. P.S. Kislyi, M.A. Kuzenkova. Izv. AN SSSR. Neorg. mat. 2 no. 4:617-625 Ap '66.

ZIRCONIUM CHLORIDES

ZrCl₄-HfCl₄ system and the conditions for separating its components by rectification. L.A. Niscl'man, T.D. Sokolova, V.I. Stollarev. Dokl. AN SSSR 168 no. 5: 1107-1110 Je '66.

ZIRCONIUM COMPOUNDS

New class of cyclopentadienyl compounds of zirconium containing chelate groups. E.M. Bral'ma and others. Dokl. AN SSSR 169 no. 2:335-339 JI '66.

ZIRCONIUM-HAFNIUM ALLOYS

Properties of hafnium iodide and alloys of the system Zr - Hf. A.I. Evstikhin, I.P. Barilov, I.I. Korokko. Met. i metalloved. chist. met. no. 5:33-43 '66.

ZIRCONIUM-NIOBIUM ALLOYS—METALLOGRAPHY

Effect of oxygen additions on the structure and superconductivity of alloys of the system Zr - Nb. IU. F. Iychkov, I.N. Goncharov, I.S. Khukhareva. Met. i metalloved. chist. met. no. 5:44-50 '66.

ZIRCONIUM OXIDES

Formation of Zr₂O and Zr₃O compounds in the system zirconium - oxygen. I.I. Kornilov, V.V. Glazova, E.M. Kenina. Dokl. AN SSSR 169 no. 2:343-346 JI '66.

ZIRYA DISTRICT—WEED CONTROL

We control weeds successfully. N.I. Zverev. Zemle-dolie 26 no. 5:41-43 My '66.

ZLOTAREV, TEODOR LAZAREVICH, 1904-1966

In memory of Teodor Lazarevich Zlotarev. Izobr. i rats. no. 6:37 Je '66.

ZONE MELTING

Crystallization front in electric arc zone melting. I.V. Milov, D.M. Skorov, V.V. Nikishanov. Met. i metalloved. chist. met. no. 5:60-65 '66.

Parameters of the kinetics of growth of recrystallization centers in iron and nickel refined by zone melting. V.G. Iepifanov, O.B. Zaymchuk, L.N. Larikov. Dop. AN URSR no. 7:889-891 '66.

Purification of cerium by electron transfer in conjunction with its zone melting. V.M. Amosenko and others. Izv. AN SSSR. Neorg. mat. 2 no. 4:578-581 Ap '66.

Radiant heater for zone recrystallization without a crucible. I.V. Milov, D.M. Skorov, V.V. Otkinshovich. Met. i metalloved. chist. met. no. 5:204-210 '66.

ZOOBENTHOS

Bel'nev, O.M. [Bottom fauna in extreme (ultra-abysal) depths of world ocean] Donata fauna natbol'shikh glubin (ul'traabissal) Mitrovol' okeana. Moskva, Nauka, 1966. 246 p.

ZOOLOGICAL RESEARCH

Directives of 23d Congress of CPSU and objectives of zoological research. K.V. Arnoldi. Zool. zhur. 45 no. 7:961-967 '66.

ZULU LANGUAGE—VERB

"Defective verbs" in Zulu. L.Z. Sovn. Nar. Az. i Afr. no. 4:184-184 '66.

ZVOLINSKII, NIKITA VIACHESLAVOVICH, 1906-

Nikita Viacheslavovich Zvolinskii; on his 60th birthday. Mekh. tvor. tela no. 3:105-108 My-Je '66.